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# Draft Environmental Impact Report

(DRAFT EIR)

[STATE CLEARINGHOUSE NO. 2015021014]

for Los Angeles International Airport (LAX)  
Landside Access Modernization Program

City of Los Angeles  
Los Angeles World Airports

Appendix F



*Los Angeles  
World Airports*

## **Appendix F**

# Air Quality, Greenhouse Gas Emissions, and Human Health Risk Assessment



- F.1 Air Quality and Greenhouse Gas Emissions
- F.2 Human Health Risk Assessment



## **Appendix F.1**

### Air Quality and Greenhouse Gas Emissions





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# 1. Introduction

Consistent with the California Environmental Quality Act (CEQA, Public Resources Code §21000 et seq.) and the CEQA Guidelines (California Code of Regulations title 14, §15000 et seq.), Los Angeles World Airports (LAWA) is preparing an Environmental Impact Report (EIR) to consider the environmental impacts of the Los Angeles International Airport (LAX) Landside Access Modernization Program.

This Air Quality and Greenhouse Gas appendix identifies the technical assumptions, methodologies, databases, and models that were used to conduct the Air Quality Impact Analysis, develop the Greenhouse Gas (GHG) Emission Inventories, and prepare the Human Health Risk Assessment (HHRA) for the LAX Landside Access Modernization Program EIR.

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## 1.1 Background and Project Overview

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Los Angeles World Airports (LAWA) is modernizing Los Angeles International Airport (LAX or “the Airport”) to improve passenger quality-of-service and provide world class facilities for its customers. Recent projects, either completed or underway at LAX, are transforming the Airport. These projects include the transformation of the Tom Bradley International Terminal (TBIT) with the Bradley West project, a new Midfield Satellite Concourse west of TBIT, a new West Aircraft Maintenance Area, a new Central Utility Plant, lighting and wayfinding improvements to the passenger terminals, runway safety area improvements, renovation of Terminals 1, 5, 6, and 7, and the overhaul of all terminal concessions and retail/duty free shops. To further transform LAX into a modern airport and to address increasing levels of traffic congestion at and around LAX, LAWA is working to redevelop the ground access system to the Airport, including providing a seamless connection to the regional rail and transit system.

The shortcomings of the current LAX landside<sup>1</sup> access system have long been identified by LAWA. In the 2004 LAX Master Plan, LAWA sought to address these congestion problems by proposing transportation facilities that would provide new options for passengers and employees to access the passenger terminal areas. These facilities, which were approved at a programmatic level in 2004, included a ground transportation center and

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<sup>1</sup> Airports are generally divided into landside and airside areas. Landside areas are accessible to the public and include roadway networks, parking lots, rental car operations, and public transportation facilities. Airside areas are restricted areas with access only to authorized personnel and ticketed passengers that have undergone security screening; airside areas include passenger handling facilities, runways, taxiways, apron areas and service roads.

an intermodal transportation center located outside the Central Terminal Area (CTA); these centers were to be served by an automated people mover (APM) system. To respond to post 9/11 concerns, the LAX Master Plan selected alternative required passengers and employees to be picked-up or dropped-off without driving into the CTA. Additionally, the 2004 LAX Master Plan identified a need for a consolidated rental car facility, which was located outside the CTA and also connected to the APM system.

Now, as part of the overall modernization of LAX, LAWA proposes to implement the LAX Landside Access Modernization Program to continue to advance and transform LAX's access system. The LAX Landside Access Modernization Program ("Project") seeks to improve access options and the travel experience for passengers; shift the location where different modes of traffic operate within the CTA and on the surrounding street network; and provide a direct connection to the Metro rail and transit system. By implementing this Project, LAWA seeks to reduce traffic congestion and improve air quality in and around the Airport.

The proposed Project includes several individual components that collectively would improve access to and from LAX. These components include an APM system, Intermodal Transportation Facilities (ITFs), a Consolidated Rental Car Facility (CONRAC), pedestrian walkway connections to the passenger terminals within the CTA, and roadway improvements. In addition, LAWA proposes to implement changes to its policies and procedures in regards to commercial vehicle operations and plans to establish and enhance programs to encourage airport and other employees to use alternative means of transportation.

The APM would transport passengers between the passenger terminals and the other main components of the Project located east of the CTA, including a CONRAC facility, new public parking facilities, and locations for passenger pick-up and drop-off at the ITF East and the ITF West, as well as Metro's proposed AMC Station. The ITFs would provide space for commercial transportation providers, including off-airport parking operators, long-distance shuttle operators, and hotel shuttles. The ITFs would provide commercial transportation providers with convenient and direct access to Airport facilities while eliminating the need to enter and circle through the CTA. The ITFs may include amenities and concessions for passengers, would offer long- and short-term parking options with close proximity to the APM system, provide new meet and greet locations for arriving passengers, and kiss and ride areas for departing passengers. In addition, various roadway improvements would accommodate the APM system, the CONRAC, and ITFs, and improve overall traffic circulation and vehicle access to and from LAX from all directions.

The Project would necessitate amendments to the LAX Specific Plan; LAX Plan and Westchester-Playa del Rey Community Plan; and the Mobility Plan 2035, the Transportation Element of the City of Los Angeles General Plan. These plan amendments would reflect updated Specific Plan boundaries and the location of the Project components, promote pedestrian and multi-modal activities that would support trip reduction strategies, including transit use to LAX, and enable implementation of the proposed Project. The proposed Project would also require the subdivision of parcels, creation of new tract maps, and/or other reconfiguration of parcels, the dedication and vacation of certain public rights-of-way, and zoning change approvals.

LAWA must utilize adjacent land for construction staging and construction activities to build the APM, CONRAC, ITFs, roadway improvements and other Project elements. Once the APM, CONRAC, and ITFs are constructed and operational, which is anticipated by early 2024, additional future complementary

development may occur on land owned by LAWA located adjacent to these facilities. Such future development is envisioned to support the needs of passengers, visitors, employees, and guests of hotels in the area. Because no specific development projects are proposed for these areas, certain assumptions concerning this potential future related development are identified, and impacts are assessed in this EIR at a program level.

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## 1.2 Regulatory Setting

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### 1.2.1 CRITERIA AIR POLLUTANTS AND AIR QUALITY

Air quality is regulated by federal, State and local laws. On the federal level, air quality is governed by the federal Clean Air Act (CAA) administered by the United States Environmental Protection Agency (USEPA). Additionally, air quality in California is governed by regulations under the California Clean Air Act (CCAA), administered by the California Air Resources Board (CARB) and by the regional air quality management districts. Air quality in the Los Angeles region is subject to the rules and regulations established by CARB and the South Coast Air Quality Management District (SCAQMD). Surface transportation issues are overseen by several parties, including the Federal Highway Administration, Federal Transit Administration, California DOT, and the Southern California Association of Governments (SCAG), which is also the regional Metropolitan Planning Organization (MPO).

#### 1.2.1.1 Federal

The USEPA is responsible for enforcing the CAA. The CAA was first enacted in 1955 and has been amended numerous times in subsequent years. The CAA requires the USEPA to establish minimum National Ambient Air Quality Standards (NAAQS), and assigns primary responsibility to individual states to assure compliance with the NAAQS. Areas not meeting the NAAQS, referred to as nonattainment areas, are required to implement specific air pollution control measures.

Under the authority granted by the CAA, USEPA has established NAAQS for the following criteria pollutants: sulfur dioxide (SO<sub>2</sub>), carbon monoxide (CO), particulate matter with an aerodynamic diameter less than or equal to 10 micrometers (PM<sub>10</sub>), particulate matter with an aerodynamic diameter less than or equal to 2.5 micrometers (PM<sub>2.5</sub>), lead (Pb), nitrogen dioxide (NO<sub>2</sub>), and ozone (O<sub>3</sub>) using as surrogates volatile organic compounds (VOC) and oxides of nitrogen (NO<sub>x</sub>). O<sub>3</sub> is a secondary pollutant, meaning that it is formed from reactions of "precursor" compounds under certain conditions. The primary precursor compounds that lead to the formation of O<sub>3</sub> are VOC and NO<sub>x</sub>. The NAAQS are further discussed in Section 2.1.2.

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 areas not meeting these standards. These plans must include pollution control measures that demonstrate how the standards will be met.

The California SIP is comprised of a comprehensive statewide strategy and individual plans developed at the regional or local level, which includes the SCAQMD Air Quality Management Plan (AQMP) (as further discussed in Section 1.3.3.). California's 2007 State strategy is designed to attain federal O<sub>3</sub> and fine

particulate matter air quality standards through a combination of reduction measures and new technologies. The State strategy also provides the emission reductions necessary to meet the 8-hour O<sub>3</sub> standard in nonattainment areas in California. In 2009, 2011 and 2012, CARB adopted revisions to the 2007 State strategy.

The federal Clean Air Act also requires that federal approvals cannot occur until a federal agency has shown that the proposed projects conform to the SIP noted above. The implementing regulations identify two categories for conformity: Transportation Conformity and General Conformity. In California, the Federal Highway Administration and the Federal Transit Administration have delegated Transportation Conformity under the CAA to the MPO for projects involving regionally significant surface transportation facilities.

### 1.2.1.2 State

The CCAA, administered by CARB, requires all air districts in the state to achieve and maintain the California Ambient Air Quality Standards (CAAQS) by the earliest practicable date. The currently applicable CAAQS, and the attainment status with regard to the CAAQS, is presented in Section 2.1.2 for each criteria pollutant.

In addition to administering the CCAA, CARB has been granted jurisdiction to develop emission standards for on-road motor vehicles, stationary sources, and some off-road mobile sources. In turn, CARB has granted authority to the local air quality management districts to issue air quality permits and enforce permit conditions at the regional and county level.

### 1.2.1.3 South Coast Air Quality Management District

SCAQMD is an air pollution control agency that has jurisdiction over Orange County and the urban portions of Los Angeles, Riverside, and San Bernardino Counties. The South Coast Air Basin (the Basin) is a sub-region of SCAQMD's jurisdiction. While air quality in this area has improved substantially over the years, the South Coast Air Basin requires continued diligence to meet federal and state air quality standards.

Since 1997, the SCAQMD has adopted a series of AQMPs to meet the CAAQS and NAAQS. Each iteration of the Plan is an update from the previous version to outline a strategy meeting federal requirements while incorporating the latest technical planning information. SCAQMD and CARB have adopted the 2012 AQMP, which incorporates the latest scientific and technological information and planning assumptions, including the 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), and updated emission inventory methodologies for various source categories.<sup>2</sup> The Final 2012 AQMP was adopted by the AQMD Governing Board on December 7, 2012. SCAQMD released the Draft 2016 AQMP for public review on June 30, 2016. The Draft 2016 AQMP includes baseline emissions assumptions consistent with the 2016 RTP/SCS, approved by SCAG on April 7, 2016. As the 2016 AQMP has not yet been approved, the 2012 AQMP is the most appropriate plan to use for consistency analysis.

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<sup>2</sup> South Coast Air Quality Management District, *Vision for Clean Air: A Framework for Air Quality and Climate Planning*, Available: <http://www.aqmd.gov/home/library/clean-air-plans/vision-for-clean-air>, accessed November 12, 2015.

#### 1.2.1.4 Southern California Association of Governments

The Southern California Association of Governments (SCAG) is the metropolitan planning organization (MPO) representing six counties, including Los Angeles, and serving as a forum for the discussion of various planning and policy initiatives. As the federally designated 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. Under the federal CAA, SCAG is also responsible for determining conformity of transportation projects, plans, and programs with applicable air quality plans.

#### 1.2.1.5 Other Related Rules and Policies

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 operate on ultra-low-sulfur diesel fuel.
- CARB has 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.

These policies were incorporated into the EIR analyses.

### 1.2.2 GREENHOUSE GASES AND CLIMATE CHANGE

The climate change regulatory setting – international, federal, state, and local – is complex and rapidly evolving. The United Nations and World Meteorological Organization established the International Governmental Panel on Climate Change (IPCC) in 1988. In 1994, the United States joined other countries in signing the United Nations Framework Convention on Climate Change (UNFCCC) to gather and share information on greenhouse gas emissions, national policies, and best practices; launch national strategies for addressing greenhouse gas emissions and adapting to expected impacts; and cooperate in preparing for adaptation to the impacts of climate change. Federally, the USEPA has published an endangerment finding for greenhouse gases indicating that emissions of greenhouse gases from new motor vehicles contribute to air pollution that endangers the public health and welfare under the CAA, Section 202(a). A number of California and City of Los Angeles statutes, policies and regulations have been promulgated to reduce the growth in greenhouse gas emissions.

### 1.2.3 SIGNIFICANCE THRESHOLDS

The City of Los Angeles CEQA significance thresholds, including air quality and HHRA, as well as CEQA Guidelines Appendix G thresholds for greenhouse gas emissions, are shown in **Table F-1**. Some of the City's thresholds reference SCAQMD thresholds.

**Table F-1: CEQA Significance Thresholds**

CEQA CATEGORY	CEQA SUBCATEGORY	CEQA SIGNIFICANCE THRESHOLD
Air Quality	Construction Emissions	<p>Would site preparation or construction activities for the proposed project result in substantial emissions that would not be controlled on site by existing regulations?</p> <p>Considers:</p> <ul style="list-style-type: none"> <li>- Combustion Emissions from Construction Equipment</li> <li>- Fugitive Dust</li> <li>- Grading, Excavation and Hauling</li> <li>- Heavy-Duty Equipment Travel on Unpaved Roads</li> <li>- Other Mobile Source Emissions</li> </ul>
	Operational Emissions	<ul style="list-style-type: none"> <li>• Result in a development and/or activity level equal to or greater than the thresholds provided in the CEQA Air Quality Handbook’s Screening Table for Operation – Daily Thresholds of Potential Significance for Air Quality?</li> <li>• Conflict with the regional population forecast and distribution in the most recent Air Quality Management Plan (AQMP)?</li> <li>• Have the potential to create or be subjected to an objectionable odor or localized CO hot spot that could impact sensitive receptors?</li> </ul> <p>Operational emissions exceed any of the daily thresholds presented in Table F-2.</p> <p>If the following condition would occur at an intersection or roadway within 1/4 mile of a sensitive receptor:</p> <ul style="list-style-type: none"> <li>- Causes or contributes to an exceedance of the California 1-hour or 8-hour CO standards of 20 or 9.0 parts per million (ppm), respectively.</li> </ul>
Greenhouse Gas Emissions	GHG Emissions	<p>Would the project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?</p> <p>Would the project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs?</p>
	Toxic Air Contaminants	<p>Would the project use, store, or process carcinogenic or non-carcinogenic toxic air contaminants which could result in airborne emissions?</p> <p>The determination of significance shall be made on a case-by-case basis, considering the following factors:</p> <ul style="list-style-type: none"> <li>• The regulatory framework for the toxic material(s) and process(es) involved;</li> <li>• The proximity of the toxic air contaminants to sensitive receptors;</li> <li>• The quantity, volume and toxicity of the contaminants expected to be emitted;</li> <li>• The likelihood and potential level of exposure; and</li> <li>• The degree to which project design will reduce the risk of exposure.</li> </ul> <p>If the potential for exposure to toxic air contaminants is likely, then impacts to health risk would be evaluated against the SCAQMD significance thresholds for acute, chronic, and carcinogenic risk levels for the general public. On-site workers would be evaluated against OSHA TLVs.</p>

SOURCE: City of Los Angeles, L.A. CEQA Thresholds Guide, 2006, [http://environmentla.com/programs/table\\_of\\_contents.htm](http://environmentla.com/programs/table_of_contents.htm) (accessed January 7, 2015).  
 State CEQA Guidelines, Appendix G, 2016, [https://www.opr.ca.gov/docs/Initial\\_Study\\_Checklist\\_Form.pdf](https://www.opr.ca.gov/docs/Initial_Study_Checklist_Form.pdf) (accessed September 2, 2016).  
 PREPARED BY: Ricondo & Associates, Inc., January 2015.

### 1.2.3.1 Criteria Air Pollutant and Toxic Air Contaminant Significance Thresholds

The SCAQMD has developed CEQA operational and construction-related thresholds of significance for air pollutant and toxic air contaminant (TAC) emissions from projects proposed in the South Coast Air Basin. Construction and operational mass emission thresholds are summarized in **Table F-2**. Project-related concentration thresholds are shown in **Table F-3**.

**Table F-2: SCAQMD CEQA Mass Emissions Thresholds of Significance**

POLLUTANT	MASS EMISSION THRESHOLDS, LBS/DAY	
	CONSTRUCTION	OPERATION
CO	550	550
NO <sub>x</sub>	100	55
VOC	75	55
SO <sub>2</sub>	150	150
PM <sub>10</sub>	150	150
PM <sub>2.5</sub>	55	55
Pb	3	3
CEQA TOXIC AIR CONTAMINANTS (TACS), AND ODOR THRESHOLDS		
TACs (includes carcinogens and non-carcinogens)	<ul style="list-style-type: none"> <li>Maximum incremental cancer risk <math>\geq 10</math> in 1 million</li> <li>Cancer burden <math>&gt; 0.5</math> excess cancer cases (in areas <math>\geq 1</math> in 1 million)</li> <li>Chronic and acute hazard index <math>\geq 1.0</math> (project increment)</li> </ul>	
Odor	Project creates an odor nuisance pursuant to SCAQMD Rule 402 <sup>1/</sup>	

NOTE:

1/ Although temporary odor impacts may occur from the operation of diesel-fueled construction equipment, no permanent odor impacts would result from implementation of the proposed Project. Therefore, odor issues will not be discussed further in this protocol.

SOURCES: South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993; as updated by "SCAQMD Air Quality Significance Thresholds," March 2011; available: <http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2>.

PREPARED BY: Ricondo & Associates, Inc., January 2015.

**Table F-3: SCAQMD CEQA Concentration Thresholds of Significance for Project-Related Pollutants**

POLLUTANT	AVERAGING PERIOD	CONSTRUCTION	OPERATIONS	PROJECT ONLY OR TOTAL
PM <sub>10</sub>	Annual <sup>1/</sup>	1.0 µg/m <sup>3</sup>	1.0 µg/m <sup>3</sup>	Project Only
PM <sub>10</sub>	24-hour <sup>1/</sup>	10.4 µg/m <sup>3</sup>	2.5 µg/m <sup>3</sup>	Project Only
PM <sub>2.5</sub>	24-hour <sup>1/</sup>	10.4 µg/m <sup>3</sup>	2.5 µg/m <sup>3</sup>	Project Only
CO	1-hour <sup>2/</sup>	20 ppm (23 mg/m <sup>3</sup> )	20 ppm (23 mg/m <sup>3</sup> )	Total incl. Background
CO	8-hour	9.0 ppm (10 mg/m <sup>3</sup> )	9.0 ppm (10 mg/m <sup>3</sup> )	Total incl. Background
NO <sub>2</sub>	1-hour (State)	0.18 ppm (339 µg/m <sup>3</sup> )	0.18 ppm (339 µg/m <sup>3</sup> )	Total incl. Background
NO <sub>2</sub>	1-hour (Federal) <sup>3/</sup>	0.100 ppm (188 µg/m <sup>3</sup> )	0.100 ppm (188 µg/m <sup>3</sup> )	Total incl. Background
NO <sub>2</sub>	Annual (State) <sup>2/</sup>	0.03 ppm (57 µg/m <sup>3</sup> )	0.030 ppm (57 µg/m <sup>3</sup> )	Total incl. Background
SO <sub>2</sub>	1-hour (State)	0.25 ppm (655 µg/m <sup>3</sup> )	0.25 ppm (655 µg/m <sup>3</sup> )	Total incl. Background
SO <sub>2</sub>	1-hour (Federal) <sup>4/</sup>	0.075 ppm (655 µg/m <sup>3</sup> )	0.075 ppm (655 µg/m <sup>3</sup> )	Total incl. Background
SO <sub>2</sub>	24-hour	0.04 ppm (655 µg/m <sup>3</sup> )	0.04 ppm (655 µg/m <sup>3</sup> )	Total incl. Background

## NOTES:

- 1/ The concentration thresholds for PM<sub>10</sub> and PM<sub>2.5</sub> have been developed by SCAQMD for construction or operational impacts associated with the proposed project.
- 2/ The concentration threshold for 1-hour CO and annual NO<sub>2</sub> is the CAAQS, which is more stringent than the NAAQS for these pollutants and averaging periods.
- 3/ To evaluate impacts of the proposed Project to ambient 1-hour NO<sub>2</sub> levels, the analysis includes both the current SCAQMD 1-hour State NO<sub>2</sub> threshold and the more stringent revised 1-hour federal ambient air quality standard of 188 µg/m<sup>3</sup>. To attain the federal standard, the 3-year average of 98th percentile of the daily maximum 1-hour average at a receptor must not exceed 0.100 ppm.
- 4/ To attain the SO<sub>2</sub> federal 1-hour standard, the 3-year average of the 99th percentile of the daily maximum 1-hour averages at a receptor must not exceed 0.075 ppm

SOURCE: SCAQMD, 1993, 2011; USEPA, 2010a (Primary National Ambient Air Quality Standards for Nitrogen Dioxide, Final Rule, Federal Register Vol. 75, No. 6474, February 9, 2010) and 2010b (Primary National Ambient Air Quality Standard for Sulfur Dioxide, Final Rule, Federal Register Vol. 75, No. 35520, June 22, 2010).

PREPARED BY: Ricondo & Associates, Inc., October 2015.

### 1.2.3.2 Greenhouse Gas Emission Significance Thresholds

For purposes of EIR analysis, and in accordance with Appendix G of the State *CEQA Guidelines*, environmental impacts related to GHG emissions are considered significant if the proposed project would:

- Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment, based on any applicable threshold of significance; or
- Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of GHGs.

Section 15064.7 of the State CEQA Guidelines defines a threshold of significance as an identifiable quantitative, qualitative or performance level of a particular environmental effect, compliance with which determines the level of impact significance. CEQA gives wide latitude to lead agencies in determining what impacts are significant and does not prescribe thresholds of significance, analytical methodologies, or specific

mitigation measures. Rather, CEQA leaves the determination of significance to the reasonable discretion of the lead agency and encourages lead agencies to develop and publish thresholds of significance to use in determining the significance of environmental effects. As discussed previously, neither the State of California, SCAQMD or the City of Los Angeles has yet established project-level specific quantitative significance thresholds for GHG emissions.

In identifying a quantitative basis by which to evaluate the proposed Project's impacts in light of the first GHG thresholds of significance presented above, (i.e., generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment), the following criteria are applied:

- Proposed Project Improvements: As a transportation-related project pertaining to travel to and from LAX, would the change in travel characteristics associated with the project result in an increase in GHG emissions? If so, the impact is considered significant.
- Potential Future Related Development: As a mixed-use development project, would the potential future related development result in GHG emissions that exceed the efficiency thresholds recommended by the SCAQMD? The SCAQMD has suggested a 2020 target date efficiency threshold value of 4.8 MTCO<sub>2</sub>e per year per service population for projects and 2035 target date efficiency threshold value of 3.0 MTCO<sub>2</sub>e per year per service population for projects, as presented by the Stakeholder Working Group in September 2010.<sup>3</sup> With anticipated buildout of potential future related development by 2035, a significant impact is considered to occur if the GHG emissions exceed 3.0 MTCO<sub>2</sub>e per year per employee.

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## 1.3 Regional Air Quality Status

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As discussed in Section 2.1.1, LAX is subject to the NAAQS and the CAAQS. **Table F-4** presents the currently applicable NAAQS and CAAQS that are in effect for each criteria air pollutant.

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<sup>3</sup> SCAQMD. 2010. Greenhouse Gas CEQA Significance Threshold Stakeholder Working Group #15. September 28. Available online at: <http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/ghg-significance-thresholds>. [Last accessed August 2016].

**Table F-4: National and California Ambient Air Quality Standards**

POLLUTANT	AVERAGING TIME	CAAQS	NAAQS	
			PRIMARY	SECONDARY
Ozone (O <sub>3</sub> )	8-hour	0.070 ppm (137 µg/m <sup>3</sup> )	0.075 ppm (147 µg/m <sup>3</sup> )	Same as Primary
	1-Hour	0.09 ppm (180 µg/m <sup>3</sup> )	N/A <sup>5/</sup>	N/A
Carbon Monoxide (CO)	8-hour	9.0 ppm (10 mg/m <sup>3</sup> ) <sup>6/</sup>	9 ppm (10 mg/m <sup>3</sup> )	N/A
	1-Hour	20 ppm (23 mg/m <sup>3</sup> )	35 ppm (40 mg/m <sup>3</sup> )	N/A
Nitrogen Dioxide (NO <sub>2</sub> )	Annual	0.030 ppm (57 µg/m <sup>3</sup> )	0.053 ppm (100 µg/m <sup>3</sup> )	Same as Primary <sup>1/</sup>
	1-Hour	0.18 ppm (339 µg/m <sup>3</sup> )	100 ppb (188 µg/m <sup>3</sup> ) <sup>7/</sup>	N/A
Sulfur Dioxide (SO <sub>2</sub> ) <sup>2/</sup>	Annual	N/A	0.03 ppm (80 µg/m <sup>3</sup> )	N/A
	24-Hour	0.04 ppm (105 µg/m <sup>3</sup> )	0.14 ppm (365 µg/m <sup>3</sup> )	N/A
	3-Hour	N/A	N/A	0.5 ppm (1300 µg/m <sup>3</sup> )
	1-Hour	0.25 ppm (655 µg/m <sup>3</sup> )	75 ppb (196 µg/m <sup>3</sup> )	N/A
Respirable Particulate Matter (PM <sub>10</sub> )	AAM	20 µg/m <sup>3</sup>	N/A	N/A
	24-Hour	50 µg/m <sup>3</sup>	150 µg/m <sup>3</sup>	Same as Primary
Fine Particulate Matter (PM <sub>2.5</sub> )	AAM	12 µg/m <sup>3</sup>	12.0 µg/m <sup>3</sup>	15 µg/m <sup>3</sup>
	24-Hour	N/A	35 µg/m <sup>3</sup>	Same as Primary
Lead (Pb)	Rolling 3-Month Average	N/A	0.15 µg/m <sup>3</sup>	Same as Primary
	Monthly	1.5 µg/m <sup>3</sup>	N/A	N/A
Visibility Reducing Particles	8-Hour	Extinction of 0.23 per kilometer	N/A	N/A
Sulfates	24-Hour	25 µg/m <sup>3</sup>	N/A	N/A

## NOTES:

NAAQS = National Ambient Air Quality Standards

N/A = Not applicable

CAAQS = California Ambient Air Quality Standards

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million (by volume)

AAM = Annual arithmetic mean

µg/m<sup>3</sup> = micrograms per cubic meter

1/ On March 20, 2012, the USEPA took final action to retain the current secondary NAAQS for NO<sub>2</sub> (0.053 ppm averaged over a year) and SO<sub>2</sub> (0.5 ppm averaged over three hours, not to be exceeded more than once per year) (77 Federal Register [FR] 20264).

2/ On June 22, 2010, the 1-hour SO<sub>2</sub> NAAQS was updated and the previous 24-hour and annual primary NAAQS were revoked. The previous 1971 SO<sub>2</sub> NAAQS (24-hour: 0.14 ppm; annual: 0.030 ppm) remains in effect until one year after an area is designated for the 2010 NAAQS (75 FR 35520).

SOURCE: California Air Resources Board, *Ambient Air Quality Standards Chart*, Available: <http://www.arb.ca.gov/research/aaqs/aaqs2.pdf>, accessed November 12, 2015.

PREPARED BY: Ricondo & Associates, Inc., July 2016.

[DRAFT]

The CCAA, signed into law in 1988, requires all areas of the State to achieve and maintain the California Ambient Air Quality Standards (CAAQS) by the earliest practicable date. The CAAQS are generally as stringent as, and in several cases more stringent than, the NAAQS; however, in the case of short-term standards for NO<sub>2</sub> and SO<sub>2</sub>, the CAAQS are less stringent than the NAAQS. The currently applicable CAAQS are presented with the NAAQS in **Table F-5**.

**Table F-5: South Coast Air Basin Attainment Status**

POLLUTANT	NATIONAL STANDARDS (NAAQS) <sup>1/</sup>	CALIFORNIA STANDARDS (CAAQS) <sup>2/</sup>
Ozone (O <sub>3</sub> )	Nonattainment – Extreme	Nonattainment
Carbon Monoxide (CO)	Attainment – Maintenance	Attainment
Nitrogen Dioxide (NO <sub>2</sub> )	Attainment – Maintenance	Attainment
Sulfur Dioxide (SO <sub>2</sub> )	Attainment	Attainment
Respirable Particulate Matter (PM <sub>10</sub> )	Attainment - Maintenance	Nonattainment
Fine Particulate Matter (PM <sub>2.5</sub> )	Nonattainment <sup>3/</sup>	Nonattainment
Lead (Pb)	Nonattainment	Attainment

## NOTES:

1/ Status as of June 17, 2016.

2/ Effective December 2015.

3/ Classified as moderate nonattainment for 2012 NAAQS and serious nonattainment for 2006 NAAQS.

SOURCES: U.S. Environmental Protection Agency, *Green Book Nonattainment Areas*, Available <http://www3.epa.gov/airquality/greenbk/index.html>. As of May 24, 2016; California Air Resources Board, "Area Designations Maps/State and National," Available: <http://www.arb.ca.gov/desig/adm/adm.htm>, effective December 2015.

PREPARED BY: CDM Smith, July 2016.

## 1.4 Ambient Air Quality Status

The SCAQMD maintains a network of air quality monitoring stations located throughout the South Coast Air Basin. The monitoring station that is most representative of existing air quality conditions in the Project area is the Southwest Coastal Los Angeles Monitoring Station located at 7201 W. Westchester Parkway (referred to as the LAX Hastings site), less than 0.5-mile from Runway 6L-24R (northernmost LAX runway). Criteria pollutants monitored at this station include O<sub>3</sub>, CO, SO<sub>2</sub>, NO<sub>2</sub>, and PM<sub>10</sub>. The nearest representative monitoring station that monitors PM<sub>2.5</sub> is the South Coastal Los Angeles County 1 Station, which is located 1305 E. Pacific Coast Highway (Long Beach). The most recent data available from the SCAQMD for these monitoring stations at the time of Draft EIR preparation encompassed the years 2011 to 2015, as shown in **Table F-6**.

**Table F-6: Southwest Coastal Los Angeles Monitoring Station Ambient Air Quality Measurements**

POLLUTANT <sup>1/ 2/</sup>	2011	2012	2013	2014	2015
<b>Ozone (O<sub>3</sub>)</b>					
Maximum Concentration 1-hr period, ppm	0.078	0.106	0.105	0.114	0.096
Days over State Standard (0.09 ppm)	0	1	1	1	1
National Design Value 8-hr period, ppm	--- <sup>4/</sup>	--- <sup>4/</sup>	--- <sup>4/</sup>	0.064	0.068
Maximum California Concentration 8-hr period, ppm	0.067	0.075	0.081	0.080	0.078
Days over State Standard (0.07 ppm)	0	1	1	6	3
<b>Carbon Monoxide (CO)</b>					
Maximum Concentration 1-hr period, ppm	2.3	2.8	3.1	2.7	1.7
Days over State Standard (20.0 ppm)	0	0	0	0	0
Maximum Concentration 8-hr period, ppm	1.8	1.7	2.5	1.9	---
Days over State Standard (9.0 ppm)	0	0	0	0	0
<b>Nitrogen Dioxide (NO<sub>2</sub>)</b>					
Maximum Concentration 1-hr period, ppm	0.098	0.098	0.078	0.087	0.087
98 <sup>th</sup> Percentile Concentration 1-hr period, ppm	0.065	0.055	0.059	0.066	0.060
Days over State Standard (0.18 ppm)	0	0	0	0	0
Annual Arithmetic Mean (AAM), ppm	0.013	0.010	0.012	0.012	0.011
Exceed State Standard? (0.030 ppm)	No	No	No	No	No
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>					
Maximum Concentration 1-hr period, ppm	0.011	0.005	0.010	0.015	0.015
Days over State Standard (75 ppb)	0	0	0	0	0
99 <sup>th</sup> Percentile Concentration 1-hr period, ppm	0.008	N/A	0.006	N/A	N/A
Maximum Concentration 24-hr period, ppm	0.002	0.001	0.001	0.003	0.002
Days over State Standard (140 ppb)	0	0	0	0	0
Annual Arithmetic Mean (AAM), ppm	0.000	0.000	0.001	---	0.000
<b>Respirable Particulate Matter (PM<sub>10</sub>) <sup>3/</sup></b>					
Maximum Concentration 24-hr period, µg/m <sup>3</sup>	41	31	38	46	31
Days over Federal Standard (150 µg/m <sup>3</sup> )	0	0	0	0	0
Maximum California Concentration 24-hr period, µg/m <sup>3</sup>	41	30	37	45	31
Days over State Standard (50 µg/m <sup>3</sup> )	0	0	---	0	0
Annual California Concentration, µg/m <sup>3</sup>	21.4	19.5	---	21.9	---
Exceed State Standard? (20 µg/m <sup>3</sup> )	Yes	No	---	Yes	Yes
<b>Fine Particulate Matter (PM<sub>2.5</sub>) <sup>3/</sup></b>					
National Design Value 24-hr period, µg/m <sup>3</sup>	30	28	27	--- <sup>4/</sup>	--- <sup>4/</sup>
National Design Value Annual period, µg/m <sup>3</sup>	11.5	10.6	10.9	--- <sup>4/</sup>	--- <sup>4/</sup>
Maximum California Concentration 24-hr period, µg/m <sup>3</sup>	39.7	49.8	47.2	51.4	48.8
Annual National Concentration, µg/m <sup>3</sup>	11.3	10.4	11.3	11.4	12.9
Exceed State Standard? (12 µg/m <sup>3</sup> )	No	No	No	No	Yes

## NOTES:

AAM = Annual arithmetic mean

µg/m<sup>3</sup> = micrograms per cubic meter

ppb = parts per billion (by volume)

--- = insufficient data to determine the value

ppm = parts per million (by volume)

N/A = not applicable

1/ Monitoring data from the Southwest Coastal Los Angeles Station (Station No. 820) was used for O<sub>3</sub>, CO, NO<sub>2</sub>, SO<sub>2</sub> and PM<sub>10</sub> concentrations. Monitoring data from the South Coastal Los Angeles County 1 Monitoring Station (Station No. 072) was used for PM<sub>2.5</sub> concentrations.

2/ An exceedance is not necessarily a violation. Violations are defined in 40 CFR 50 for NAAQS and 17 CCR 70200 for CAAQS

3/ Statistics may include data that are related to an exceptional event.

4/ Insufficient data available to determine the value.

SOURCE: California Air Resources Board, iADAM: Air Quality Data Statistics, Available: <http://www.arb.ca.gov/adam/>, accessed May 24, 2015; California Air Resources Board, AQMIS2, Available: <http://www.arb.ca.gov/aqmis2/aqmis2.php>, accessed May 24, 2016.

PREPARED BY: Ricondo & Associates, Inc., July 2016.

## 2. Methodology

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### 2.1 Air Quality

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The air quality analysis conducted for the EIR addresses construction and operations emissions. Construction activities analyzed are all efforts associated with building the proposed landside improvements. The construction emissions generally include on-site and off-site construction equipment, fugitive dust, fugitive VOCs, and worker vehicle trips that would occur during the construction period. Construction of the proposed Project would occur in two phases; Phase 1 would begin in late 2017/early 2018 and be concluded by 2023. Phase 2 would begin in approximately 2025 and be completed by approximately 2035. However, for this air quality impact analysis, construction of all elements of the program, including the potential future related development, was assumed to be completed by 2030. This assumed compressed duration would require more construction to occur earlier, with higher daily and annual emissions, than a schedule which would have the Project construction finishing in 2035. Operational sources specific to the proposed Project were also included in the air quality analysis, including ground access vehicles and stationary sources.

As part of the air quality analysis for the EIR, emission inventories were prepared and dispersion modeling was conducted. The results of these efforts were evaluated to ensure that the proposed Project complies with all Federal, State, and local regulations.

#### 2.1.1 SCOPE OF ANALYSIS

This section discusses the overall approach to the EIR air quality analysis, including: scenarios and years to be analyzed, types of analysis to be performed, pollutants to be considered, and cumulative impacts. Overall, the study includes the criteria air pollutant air quality impact analysis (emissions and dispersion), greenhouse gas emissions inventories, and toxic air contaminant health risk assessment (emissions, dispersion, and risk calculations). The methodology used for emission calculations is presented in Section 2.2, for dispersion modeling in Section 2.3, for cumulative impact analysis in Section 2.4, for health risk assessment in Section 2.5, and for greenhouse gas emission calculations in Section 2.6.

##### 2.1.1.1 Scenarios

The notice of preparation (NOP) for the EIR was issued on February 5, 2015; thus, 2015 will be used as the baseline for the EIR because this represents the last full year of available data, which is reasonably

representative of conditions at the time of the NOP. Construction emissions were quantified for each year of construction, occurring primarily between 2018<sup>4</sup> and 2030, and operational-related emissions for Project-level elements for the years 2024 and 2035. Phase 1 of the proposed Project would include the vast majority of the proposed access/transportation-related improvements, such as the APM, the CONRAC, the ITF West, the ITF East, and most of the roadway improvements, planned to be operational by 2024. Phase 2 of the Project would mainly consist of roadway improvements at the W. Century Boulevard/Sepulveda Boulevard interchange that would likely be constructed by 2030; however, operations have been analyzed for the future year of 2035. In addition to a Project-level analysis, potential future related development has been analyzed at a Program-level for future year 2035. CalEEMod was used to estimate both construction and operational emissions from the future related development parcels. Analysis for the following years and conditions were conducted in the EIR:

- 2015
  - Standard CEQA Baseline (existing 2015 conditions)
  - With Project (2015 activity levels and emission factors with proposed Project elements, used for criteria pollutant and greenhouse gas emission evaluations only)
- Future 2024
  - Without Project – 2024 activity levels with the existing stationary sources and roadway configurations
  - With Project – 2024 activity levels and proposed Phase 1 Project components
- Future 2035
  - Without Project – 2035 activity levels with the existing stationary sources and roadway configurations
  - With Project – 2035 activity levels and all Project-level components (Phase 1 and Phase 2)

The EIR evaluated air quality impacts for the following 2035 conditions; however, no dispersion modeling was performed because details of the potential future related development are uncertain. Impacts are discussed based on analyses conducted at a Project-level.

- Future 2035
  - Without Project – 2035 activity levels with the existing stationary sources and roadway configurations. This scenario would assume no LAX Landside Access Modernization Program and no future related development.
  - With Project and Potential Future Related Development – 2035 activity levels and all Project-level components (Phase 1 and Phase 2), as well as potential future related development

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<sup>4</sup> Construction mobilization may begin in the 4<sup>th</sup> quarter of 2017; however, project construction is not anticipated to begin until 2018.

### 2.1.1.2 Pollutants of Interest

Six criteria pollutants were evaluated in the EIR air quality analysis, namely CO, NO<sub>2</sub>, O<sub>3</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, and SO<sub>2</sub>. These six criteria pollutants are considered pollutants of concern based on the type of emission sources associated with construction and operations of the proposed Project, and are thus included in this assessment. Although lead (Pb) is a criteria pollutant, it was not evaluated in this section because the proposed Project would have negligible impacts on Pb levels in the Basin. The only source of Pb emissions from LAX is from aviation gasoline (AvGas) associated with piston-engine general aviation aircraft; however, very few, if any, piston engine aircraft fly into LAX, and AvGas is no longer stored at the fuel farm operated by LAXFUELS. However, Pb will be evaluated as part of the HHRA (further outlined in Section 2.5), as a trace TAC in tire wear, brake wear, fugitive road dust, and diesel fuel. Pb is not added to motor vehicle fuel, but there is a trace amount from the refining of crude petroleum into diesel fuel.

Following standard industry practice, the evaluation of O<sub>3</sub> was conducted by evaluating precursor pollutant emissions of VOC and NO<sub>x</sub>. O<sub>3</sub> is a secondary regional pollutant and ambient concentrations can only be predicted using regional photochemical models that account for all sources of precursors, which is beyond the scope of this analysis. Therefore, no photochemical O<sub>3</sub> modeling was conducted for this EIR.

### 2.1.2 DIRECT AND INDIRECT PROJECT EMISSION INVENTORY METHODOLOGY

The criteria pollutant emission inventories will be developed using standard industry software/models and federal, State, and locally approved methodologies. Results of the emission inventories will be compared to mass daily emissions thresholds established by SCAQMD for the Basin. The air quality assessment for the proposed Project was conducted in accordance with the SCAQMD's 1993 CEQA Air Quality Handbook and updates published on the SCAQMD website. Emissions estimating and modeling used in this analysis are consistent with those used in the preparation of the following documents:

- The LAX Master Plan Final EIR (2004);<sup>5</sup>
- The LAX Master Plan Final General Conformity Determination (2005);
- The Final EIR for the South Airfield Improvement Project (SAIP, 2005);<sup>6</sup>
- The Final EIR for the Crossfield Taxiway Project (CFTP, 2009);<sup>7</sup>
- The Final EIR for the Bradley West Project (2009);<sup>8</sup>

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<sup>5</sup> City of Los Angeles, Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements, April 2004.

<sup>6</sup> City of Los Angeles, Los Angeles World Airports, Final Environmental Impact Report for Los Angeles International Airport (LAX) South Airfield Improvement Project, August 2005.

<sup>7</sup> City of Los Angeles, Los Angeles World Airports, Final Environmental Impact Report for Los Angeles International Airport (LAX) Crossfield Taxiway Project, January 2009.

<sup>8</sup> City of Los Angeles, Los Angeles World Airports, Final Environmental Impact Report for Los Angeles International Airport (LAX) Bradley West Project, September 2009.

- The Final EIR for the LAX Specific Plan Amendment Study (SPAS, 2013),<sup>9</sup>
- The Final EIR for the Midfield Satellite Concourse EIR (2014);<sup>10</sup> and
- The Final EIR for the LAX Northside Plan Update.<sup>11</sup>

Mass emissions inventories were prepared for construction and operations of the proposed Project. Construction emission inventories were prepared to identify peak year construction emissions associated with completing the proposed Project by 2030. Operational emissions were calculated for future condition 2024 and 2035, With and Without the proposed Project. Additionally, program level criteria pollutant inventories were developed for construction and operational sources for the 2035 scenarios With and Without potential future related development. The overview of the inventory process is provided below for both construction and operations.

### Construction

The scope of the evaluation of construction emissions was conducted to:

- Identify construction-related emissions sources;
- Develop peak daily construction emissions inventories for the identified sources;
- Compare emissions inventories for each year of construction with appropriate CEQA thresholds for construction;
- Conduct dispersion modeling for both 2019, the estimated peak construction year, and 2020, the year containing the estimated peak construction month, of Project-related construction emissions;
- Obtain background concentration data from SCAQMD and estimate future concentrations resulting from construction of the proposed Project;
- Compare peak concentration results with appropriate CEQA thresholds and ambient air quality standards for the purpose of determining the significance of Project impacts;
- Determine level of significance of Project impacts; and
- Identify construction-related mitigation measures.

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<sup>9</sup> City of Los Angeles, Los Angeles World Airports, [Final Environmental Impact Report for Los Angeles International Airport \(LAX\) Specific Plan Amendment Study](#), January 2013.

<sup>10</sup> City of Los Angeles, Los Angeles World Airports, [Final Environmental Impact Report for Los Angeles International Airport \(LAX\) Midfield Satellite Concourse](#), June 2014.

<sup>11</sup> City of Los Angeles, Los Angeles World Airports, [Final Environmental Impact Report for Los Angeles International Airport \(LAX\) Northside Plan Update](#), December 2014.

## Operations

The scope of the evaluation of emissions once the key components of the proposed Project are completed (herein called operational emissions) was conducted to:

- Identify operational-related emission sources;
- Develop peak daily operational emissions inventories for the identified sources;
- Compare emissions inventories with appropriate CEQA thresholds for operations;
- Conduct dispersion modeling for operational emissions in 2024, when the key access/transportation system improvements are completed, and 2035, after all development within the Project site is completed and fully operational;
- Obtain background concentration data from SCAQMD and estimate future concentrations resulting from operation of the proposed Project;
- Compare peak concentration results with appropriate CEQA thresholds and ambient air quality standards for the purpose of determining the significance of Project impacts;
- Determine level of significance of Project impacts; and
- Identify operational-related mitigation measures.

The following section discusses the assumptions associated with each Project-related inventory (construction and operation); cumulative effects are discussed in Section 2.1.4.

### 2.1.2.1 Construction Sources

Emissions inventories for construction activity were prepared commensurate with the CEQA thresholds upon which the Project will be compared, as outlined in Section 1.2.3. Emission estimates for CO, VOC, NO<sub>x</sub>, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> were developed for:

- Off-Road On-Site Equipment
- On-Road On-Site Equipment
- On-Road Off-Site Equipment
- Fugitive Dust
- Fugitive VOCs

To estimate construction emissions, resource requirements and activity schedules were developed by LAWA representatives and then reviewed and approved by LAWA. The construction activity data includes types and specifications for both on-road and off-road construction equipment, and total operating hours by equipment type by month for each applicable construction activity/project. Equipment specifications include equipment type, manufacturer, model, capacity, horsepower, fuel consumption, and fuel type, as appropriate. Using this data, monthly, quarterly, and annual construction emissions estimates were developed. Peak month average day emissions estimates were developed by identifying a peak month of construction emissions and dividing

the emissions by the number of days in that month. These daily emissions were compared against applicable SCAQMD mass daily significance thresholds.

**Table F-7** shows the corresponding model/reference for each of the construction sources. Calculations for criteria pollutants and greenhouse gas emissions from construction are included in **Attachment F.1**.

**Table F-7: Construction Sources Pollutant and Model Summary**

CONSTRUCTION SOURCE	POLLUTANT	MODEL/REFERENCE
Off-Road Equipment	CO, SO <sub>2</sub>	OFFROAD2007 <sup>1/</sup>
	VOC, NO <sub>x</sub> , PM <sub>10</sub>	2011 Inventory Model <sup>2/</sup>
	PM <sub>2.5</sub>	CEIDARS <sup>3/</sup>
On-Road On-Site Equipment	CO, VOC, NO <sub>x</sub> , PM <sub>10</sub>	EMFAC2014 <sup>4/</sup>
On-Road Off-Site Equipment	CO, VOC, NO <sub>x</sub> , PM <sub>10</sub>	EMFAC2014 <sup>1/</sup>
Fugitive Dust	PM <sub>10</sub> , PM <sub>2.5</sub>	USEPA AP42 <sup>5/</sup>
Fugitive VOCs	VOC	CalEEMod <sup>6/</sup>

NOTES:

- 1/ California Air Resources Board, OFFROAD2007 Model, available: <http://www.arb.ca.gov/msei/documentation.htm> (accessed January 9, 2015).
- 2/ California Air Resources Board, 2011 Inventory Model for In-Use Off-Road Equipment, available: [www.arb.ca.gov/msei/categories.htm#offroad\\_motor\\_vehicles](http://www.arb.ca.gov/msei/categories.htm#offroad_motor_vehicles) (accessed January 9, 2015).
- 3/ South Coast Air Quality Management District, "Final – Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds," October 2006, available: <http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/pm-2-5-significance-thresholds-and-calculation-methodology> (accessed January 9, 2015).
- 4/ California Air Resources Board, EMFAC2014 Model, available: <http://www.arb.ca.gov/msei/categories.htm#emfac2014> (access January 9, 2015).
- 5/ U.S. Environmental Protection Agency, "Emissions Factors & AP 42, Compilation of Air Pollutant Emission Factors," available: <http://www.epa.gov/ttn/chief/ap42/index.html> (accessed January 9, 2015).
- 6/ California Air Pollution Control Officers Association, California Emissions Estimator Model, available: <http://www.caleemod.com/> (accessed January 9, 2015).

SOURCE: Ricondo & Associates, Inc., January 2015.

PREPARED BY: Ricondo & Associates, Inc., January 2015.

### *Off-Road On-Site Equipment Emissions Inventory*

Off-road construction equipment includes dozers, loaders, sweepers, and other heavy-duty construction equipment that is not licensed for travel on public roadways. Using a compiled listing of all off-road construction equipment types, models, and horsepower ratings, emission rates were obtained/derived from the sources shown in Table F-7.

Daily emission inventories 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 as shown in **Equation F-1** below.

### Equation F-1: Off-Road On-Site Equipment Emissions

$$E = HP \times L \times n \times H \times EF$$

Where:

$E$  = emissions (lb/day)

$HP$  = project equipment horsepower

$L$  = load factor

$n$  = number of pieces of equipment in a specified equipment category

$H$  = hours per day of equipment operation

$EF$  = emission factor (lb/hp-hr)

SOURCE: Ricondo & Associates, Inc., January 2015.

PREPARED BY: Ricondo & Associates, Inc., January 2015.

### On-Road On-Site Equipment Emissions Inventory

On-road on-site equipment includes shuttle vans transporting construction employees from the employee parking areas to the construction site, on-site pickup trucks, crew vans, water trucks, dump trucks, haul trucks and other on-road vehicles (i.e., vehicles licensed to travel on public roadways). Exhaust emissions from on-road on-site sources were calculated using peak construction year emission factors for CO, VOC, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> from CARB's emission factor model EMFAC2014.

On-road on-site equipment types from the proposed project construction schedule were matched with vehicle types corresponding to EMFAC2011 vehicle classes.<sup>12</sup> Other factors including region, calendar year, season, model year, speed and fuel type were also selected for each equipment type. The EMFAC2014 model outputs emission rates (grams/mile) for each equipment type. To calculate the total emissions, roundtrip distances for on-site travel were determined for each equipment category and substituted into **Equation F-2** shown below. The EMFAC factors account for start-up, running and idling. In addition, VOC emission factors include diurnal, hot soak, running, and resting emissions, and the PM<sub>10</sub> and PM<sub>2.5</sub> factors include tire and brake wear.

<sup>12</sup> Although EMFAC2014 is the current release of the model, the vehicle classes are based on either EMFAC2007 or EMFAC2011; therefore, EMFAC2011 vehicle classes are the most recent versions.

### Equation F-2: On-Road On-Site Equipment Emissions

$$E = VMT \times EF$$

Where:

$E$  = emissions (lb/day)

$VMT$  = vehicle miles traveled per day

$EF$  = emission factor (lb/mile)

SOURCE: Ricondo & Associates, Inc., January 2015.

PREPARED BY: Ricondo & Associates, Inc., January 2015.

### On-Road Off-Site Equipment Emissions Inventory

On-road off-site trip types identified in the construction schedule include personal vehicles used by construction employees to access the construction employee parking areas, and equipment and material delivery/haul vehicles. Emissions from these trips were calculated using EMFAC2014 for all criteria pollutants. An assumption of workers per crew and vehicle miles traveled (VMT) per day were based on the proposed construction schedule. In general, the EMFAC2014 emissions factors were multiplied by the total VMT for each vehicle type to obtain emissions in pounds per day, similar to Equation F-2.

Construction-worker vehicle emissions include: vehicle exhaust, tire wear, brake wear, and paved road dust using SCAQMD default assumptions for vehicle fleet mix, travel distance, and average travel speeds.

### Fugitive Dust

Additional sources of PM<sub>10</sub> and PM<sub>2.5</sub> emissions associated with construction activities are related to fugitive dust. Fugitive dust includes re-suspended road dust from both off- and on-road vehicles, dust from grading, loading and unloading, hauling and storage activities, as well as rock crushing operations and batch plants, if applicable. Fugitive dust emissions (PM<sub>10</sub> and PM<sub>2.5</sub>) were calculated using the guidance from the USEPA's Compilation of Air Pollutant Emission Factors (AP-42)<sup>13</sup> and SCAQMD's CEQA Air Quality Handbook.<sup>14</sup> Fugitive dust emissions were calculated for the following construction activities:

- Vehicles traveling on paved roads. All haul trucks, flatbed trucks, and automobiles are assumed to travel on paved roads.

<sup>13</sup> U.S. Environmental Protection Agency, *Compilation of Air Pollutant Emission Factors AP-42*, Fifth Ed, 1995.

<sup>14</sup> South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993 and on-line updates.

- On-site construction activities (grading, crushing, loading, hauling and storage). CalEEMod<sup>15</sup> was also consulted.
- Operations activities of an on-site construction batch plant at the staging area.
- An on-site rock crusher. An overall emission factor was derived by summing emission factors for crushing activities including tertiary crushing, fines crushing, and screening.

Monthly fugitive dust emissions were calculated for each piece of construction equipment for each construction activity, from which annual and daily fugitive dust emissions were determined.

### *Fugitive VOCs (Paving and Painting)*

Construction materials that can be sources of VOC emissions include hot-mix asphalt paving, parking lot striping, 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. Based on the CARB default data contained within CalEEMod, an emission factor of 2.62 pounds of VOC (from asphalt curing) per acre of asphalt material was used to determine VOC emissions from asphalt paving. Another source of construction-related fugitive VOC emissions is architectural coatings. VOC emissions from architectural coatings result from evaporation of volatile compounds present in a coating applied to a structure's surface. Based on the CARB data contained within CalEEMod, an emission factor of 0.016 pounds of VOC (from evaporation) per square foot of coated surface was used to determine VOC emissions from architectural coatings.

### 2.1.2.2 Operational Sources

In the context of CEQA, operational emissions provide an indication of the changes in emissions that completing and operating a proposed project would have when comparing operational emissions without the proposed Project.

Implementation of the proposed Project would not increase the number of flights or type of aircraft using the airfield because it only affects landside development and efficiency of the landside/roadway system. The proposed Project would also not result in changes to air traffic flight patterns or aircraft taxi patterns. Finally, the proposed Project would not change the number of passengers at LAX; it would only change how they access the Airport and terminal facilities. The LAX passenger activity assumed for each future year is consistent with the forecasts for LAX prepared by the Federal Aviation Administration (FAA)<sup>16</sup> and Southern California Association of Governments (SCAG)<sup>17</sup>. Therefore, the only passenger-related changes from the proposed Project would be in surface vehicle traffic patterns and vehicle trips. As a result, only surface vehicle emissions and not aircraft emissions are included in this DEIR. Stationary sources (including electrical

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<sup>15</sup> California Air Pollution Control Officers Association, CalEEMod Version 2013.2.2, <http://www.caleemod.com/>

<sup>16</sup> Federal Aviation Administration, *APO Terminal Area Forecast 2014*, January 2015.

<sup>17</sup> Southern California Association of Governments, *Final 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy: A Plan for Mobility, Accessibility, Sustainability and a High Quality of Life*, adopted April 7, 2016.

production, natural gas combustion, area, water, and waste sources), as they relate to any of the new proposed Project facilities were also analyzed.

Daily and annual emissions were calculated for each source for the 2015 baseline (existing) conditions, 2024 With and Without the proposed Project, and 2035 With and Without the proposed Project. In addition, emissions were estimated for a 2015 With Project scenario, using 2015 activity levels and assuming the proposed Project components were installed by 2015.

Calculations for criteria pollutants and greenhouse gas emissions from construction are included in **Attachment F.2**.

### *Mobile Sources*

For purposes of the EIR analysis, mobile sources include on-road vehicles. All surface vehicles traveling to or from LAX were considered in the EIR analysis, including: privately-owned vehicles, government-owned vehicles, and commercially owned vehicles, such as rental cars, shuttles, buses, taxicabs, and trucks. Temporal data that identifies the vehicle volumes by hour for traffic and on-airport parking will be determined from the traffic analysis, as discussed in Section 4.12, *Transportation and Traffic*, and was used for purposes of calculating emissions herein.

Assumptions for these vehicles are:

- Emissions from passenger, employee, and cargo delivery trips were calculated using Los Angeles County average fleet emission factors per mile obtained from EMFAC2014.
- VMTs were obtained from the traffic analysis to be prepared as part of the EIR.
- The emission factors were multiplied by the total annual forecast VMTs for all analysis years studied for the proposed Project.

No direct criteria pollutant emissions would occur from operation of the APM; rather, emissions would occur from off-airport utility plant operations necessary to support the additional electricity demand. The method for estimating these emissions is discussed below in Section 2.2.3.2.

### *Stationary Sources*

Stationary sources include space heaters and water heaters installed in the proposed Project facilities, as well as regional power plants that would provide a portion of the incremental electricity demand associated with the proposed Project. The local heating demand emissions were estimated using CalEEMod, assuming that the ITFs, APM stations, and CONRAC would have similar heating demands as general office buildings. The proposed Project electrical demand would be provided by either grid based power (such as from the Los Angeles Department of Water and Power [LADWP]), or by small packaged utility systems installed on Project property, or by a combination of both. This analysis includes the increase in secondary emissions associated with future demands on regional power plants and/or local packaged units resulting from the net increase in electricity consumption with implementation of the proposed Project. Secondary emissions associated with

electricity supplied to the Landside Access Modernization Program facilities were evaluated using USEPA and SCAQMD sources, as further described below.

Calculations for secondary emissions from electricity production associated with the proposed Project facilities assume that 37 percent of the electricity provided to the facilities would be generated within the Basin.<sup>18</sup> While this portion of Project-related electricity demand would be drawn from the local power generating facilities that provide electricity to the Los Angeles area and surrounding communities of Southern California, it is difficult to pinpoint any one location or type of power plant that would be the major source of power for the Project. Therefore, the secondary emissions associated with the proposed Project facilities are based on a regional emissions inventory for electricity produced in the Basin. The majority of the Basin's electric generating facilities utilize natural gas; therefore, for the purposes of this calculation, it was assumed that 100 percent of the local electricity would be generated in natural gas-fired facilities. It is acknowledged that the current mix of power sources includes renewable energy sources and that, in future years, the renewable portfolio of electrical generation within the Basin will increase. However the effect of increased renewable energy on criteria pollutant emissions has not been quantified for the EIR analysis. As a result, the analysis of secondary stationary source emissions for proposed Project facilities is conservative. NO<sub>x</sub> emission rates for power generation were based on guidance provided in SCAQMD Rule 1135<sup>19</sup> and were based on the number of kilowatt-hours required by the proposed Project. For VOC, SO<sub>x</sub>, CO, and PM<sub>10</sub>, emission rates for external combustion of natural gas based on the number of cubic feet of gas as provided in USEPA AP-42<sup>20</sup> were used. For this analysis, it was assumed that PM<sub>2.5</sub> emissions would be the same as PM<sub>10</sub>.

### 2.1.3 DISPERSION ANALYSIS

Dispersion is the process by which atmospheric pollutants disseminate due to wind and vertical stability. Air dispersion modeling is used to predict ground-level ambient air concentrations of pollutants in the vicinity of known air emission sources. The results of a dispersion analysis are used to assess pollutant concentrations at or near an airport. The base data for the dispersion analysis are the emissions inventories described in Section 2.1.2 above; meteorological data that defines the wind speeds and direction in the project vicinity; and receptor locations where the ground level concentrations were calculated.

Air dispersion modeling was used to predict pollutant concentrations for operational sources for 2024 With and Without the proposed Project, and 2035 With and Without the proposed Project. In addition, emissions were estimated for a 2015 With Project scenario, using 2015 activity levels and assuming the proposed Project components were installed by 2015. Predicted concentrations resulting from the proposed Project were calculated for the following criteria pollutants: CO, NO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, and SO<sub>2</sub>. As noted in Table F-3, project-

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<sup>18</sup> City of Los Angeles, Department of Water and Power, *2015 Power Integrated Resource Plan*, December 2015, Available: <http://www.ladwp.com/powerIRP>, accessed July 21, 2016.

<sup>19</sup> South Coast Air Quality Management District, *Rule 1135 Emissions of Oxides of Nitrogen from Electric Power Generating Systems*, Available: <http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1135.pdf>, accessed July 22, 2016.

<sup>20</sup> U.S. Environmental Protection Agency, *AP-42, Compilation of Air Pollutant Emission Factors*, Fifth Edition, Section 1.4 "Natural Gas Combustion," July 1998, Available: <https://www3.epa.gov/ttnchie1/ap42/ch01/final/c01s04.pdf>, accessed July 21, 2016.

related concentrations of CO, NO<sub>2</sub>, and SO<sub>2</sub> were added to the background concentrations for comparison to CAAQS and NAAQS. The background concentrations represent contributions from non-project sources in the vicinity of the Airport. The modeled, project-related pollutant concentrations for PM<sub>10</sub> and PM<sub>2.5</sub> were directly compared to the project only thresholds listed in Table F-3.

Detailed data used in dispersion modeling for construction activities are provided in **Attachment F.3**; data used in dispersion modeling for operations are provided in **Attachment F.4**.

### 2.1.3.1 Models/Analysis

Dispersion modeling of on-airport construction, mobile and stationary sources, and off-airport mobile emissions, will be conducted using the most current EPA-approved American Meteorological Society (AMS)/EPA Regulatory Model (AERMOD) air dispersion model. Although FAA's Aviation Environmental Design Tool version 2b (AEDT 2b) is the FAA-required model for airport air quality analysis of aviation sources, it uses AERMOD to conduct the dispersion analysis. However, AEDT 2b is not designed to directly incorporate roadway or construction sources within either the emissions module or dispersion module. The proposed Project would not alter aviation sources (aircraft, auxiliary power units, or ground support equipment), but would alter roadway and construction sources. Therefore, modeling was conducted using the USEPA AERMOD model. Model inputs/assumptions include:

- The averaging periods selected in AERMOD for each pollutant are based on the Basin's attainment status and averaging periods in the NAAQS and CAAQS.
- The equipment used on the construction site and staging areas and the equipment transfer and haul trucks were included in the dispersion modeling of all pollutants.
- The fugitive dust generated by these sources was included in the PM<sub>10</sub> and PM<sub>2.5</sub> analyses.
- The Ozone Limiting Method (OLM) was used to determine the 1-hour NO<sub>x</sub>-to-NO<sub>2</sub> concentrations.
- The meteorological data discussed in the following section was used for this analysis.

For construction emissions, the workday would vary by location and by the type of facility being built. Because the Airport will be operating during construction, much of the heavy overhead work in the CTA (APM guideway and APM stations) is projected to occur during early morning hours when passenger activity is lowest. Two shifts were included for the CTA work, with 65 percent of daily construction emissions occurring between 1 a.m. and 9 a.m. (8 hours) and the remaining 35 percent of daily work occurring between 9 a.m. and 7 p.m. (10 hours). The construction of certain portions of the APM guideway outside of the CTA will also occur in the evening, but would not need to be as late. Therefore, APM guideway work outside of the CTA is would likely occur in two shifts with 60 percent of the work occurring between 7 a.m. and 3 p.m., and the remaining 40 percent of work occurring between 3 p.m. and 11 p.m. Finally, all other work outside of the CTA would occur in two shifts between 7 a.m. and 11 p.m., with 80 percent occurring in the first shift and 20 percent occurring in the second shift.

### 2.1.3.2 Meteorology

The meteorological data used in the analysis were obtained from the National Climatic Data Center website, and was preprocessed using AERMET.<sup>21,22</sup> AERMET is a meteorological preprocessor for organizing available meteorological data into a format suitable for use in the AERMOD air quality dispersion model. These files were also developed by the SCAQMD using site-specific surface characteristics (i.e., surface albedo, surface roughness, and Bowen ratio)<sup>23</sup> obtained using AERSURFACE.<sup>24</sup> AERSURFACE is a tool that provides realistic reproducible surface characteristic values, including albedo, Bowen ratio, and surface roughness length, for input into AERMET.<sup>25</sup> The data set used consisted of hourly surface data collected at the LAX National Weather Service station (Station 23174) for calendar year 2015; the data included ambient temperature, wind speed, wind direction, and atmospheric stability parameters, as well as mixing height parameters from the appropriate upper air station (Miramar, California).

### 2.1.3.3 Source/Receptor Locations

Receptor points are the geographic locations where the air dispersion model calculates air pollutant concentrations. These discrete receptors were used to determine air quality impacts in the vicinity of the Project site.<sup>26</sup> Receptors were placed at the boundary of LAX (along the fence line) and at various locations outside of the Airport property near Project element construction sites, as well as inside the Airport at the Theme Building and near World Way West. These receptor locations will be placed in areas where the general public has unrestricted access near the Project. Receptors were placed at reasonable distances from the project sources, outside of any fencing or other access restrictions. Modeled concentrations at these locations would therefore be higher than concentrations modeled farther away from the project.

920 receptor ground level locations were used for this air quality impact analysis; including receptors located at off-airport locations near the Project.

## 2.1.4 CUMULATIVE IMPACTS

The SCAQMD has provided guidance on an acceptable approach to addressing the cumulative impacts issue for air quality. "As Lead Agency, the AQMD uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or EIR... Projects

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<sup>21</sup> National Centers for Environmental Information, Climate Data Online: Dataset Discovery, Available: <https://www.ncdc.noaa.gov/cdo-web/datasets>, accessed July 19, 2016.

<sup>22</sup> U.S. Environmental Protection Agency, Support Center for Regulatory Atmospheric Modeling (SCRAM), Meteorological Processors and Accessory Programs, Available: [https://www3.epa.gov/scram001/metobsdata\\_procaccprogs.htm](https://www3.epa.gov/scram001/metobsdata_procaccprogs.htm), accessed July 19, 2016.

<sup>23</sup> The surface albedo is the portion of sunlight that is reflected; the Bowen ratio is the measure of moisture available for evaporation.

<sup>24</sup> U.S. Environmental Protection Agency, Support Center for Regulatory Atmospheric Modeling (SCRAM), Related Programs, Available: [https://www3.epa.gov/ttn/scram/dispersion\\_related.htm#aersurface](https://www3.epa.gov/ttn/scram/dispersion_related.htm#aersurface), accessed July 19, 2016.

<sup>25</sup> These represent the most recent five years with complete data; the data have passed the USEPA's requirement for 90 percent completeness by quarter for wind direction, wind speed, and temperature.

<sup>26</sup> Discrete Cartesian receptors are identified by their x (east-west) and y (north-south) coordinates and represent a specific location of interest.

that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable. This is the reason project-specific and cumulative significance thresholds are the same. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant.” Thus, if the Project would exceed the significance thresholds identified in Section 1.3.3, the Project would also have a cumulatively significant impact.

For disclosure purposes, the EIR discusses other construction projects that would occur during the same timeframe. The construction of various additional on-going and anticipated future projects at LAX would potentially occur simultaneously with construction of the proposed Project. Projects considered in the cumulative air quality analysis of the EIR include on-airport and off-airport construction projects, as listed below:

1. South Terminal Improvements
2. LAX Bradley West Project
3. Terminal 1 Improvements
4. West Aircraft Maintenance Area Project
5. Runway 6R-24L Runway Safety Area Improvements-North Airfield
6. Runway 7L-25R Runway Safety Area Improvements-South Airfield
7. Metro Crenshaw/LAX Transit Corridor and Station
8. LAX Midfield Satellite Concourse (MSC) North Project
9. Hyperion Treatment Plant Connector
10. Miscellaneous Projects and Improvements
11. Terminal 2 Improvements
12. Runway 7R-25L Rehabilitation
13. MSC North Extension
14. Northside Development
15. Terminal 3 Improvements
16. City Los Angeles Bureau of Sanitation Stormwater Infiltration and Treatment Facility
17. Terminal 1.5
18. Terminal 3 (T-3) Connector
19. Canine Facility/Airport Police Department Range
20. Secured Area Access Post (SAAP) Project
21. Terminals 2 and 3 Modernization Project
22. Airport Police Station Relocation

23. Concourse 0
24. MSC South Project
25. North Airfield Safety Improvements

Inventories were developed or obtained from other documents or sources for both construction and operational phases of these projects. The cumulative impacts from all potentially overlapping construction phases of these projects were compared to the construction emission thresholds for disclosure purposes.

### 2.1.5 HUMAN HEALTH RISK ASSESSMENT

The HHRA of the EIR addresses potential health impacts for people exposed to TACs anticipated to be released during construction and operation of the proposed Project. As with HHRAs prepared for previous LAX EIRs, guidance from USEPA,<sup>27</sup> California EPA,<sup>28</sup> and SCAQMD<sup>29</sup> was followed in developing risk values. The previous EIRs have followed the USEPA Risk Assessment Guidance for Superfund (RAGS) Part F, with various input parameter values obtained from USEPA, California EPA, and SCAQMD guidance.

Cancer risk and chronic and acute non-cancer health hazard assessments all depend on estimating TAC concentrations in air in two steps:

- Estimation of emissions of TAC associated with construction and operations and subsequent modeling of dispersion of those TAC to downwind receptor locations; and
- Estimation of health risks associated with inhalation of TAC.

Estimated emission rates were used along with meteorological and geographic information as inputs to the air dispersion model. The dispersion model will predict possible concentrations of TAC released during airport construction and operations within the study area around the airport. Modeled concentrations were then used to estimate human health cancer risks and health hazards, which serve as the basis of the significance determinations for the EIR.

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<sup>27</sup> U.S. Environmental Protection Agency, Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Pathway Assessment), EPA-540-R-070-002, January 2009.

<sup>28</sup> 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.

<sup>29</sup> 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.

Incremental cancer risks and chronic non-cancer health hazards are estimated as the difference between risks and hazards associated with the LAX Landside Access Modernization Program with and without the Project. Results of the analysis will then be interpreted by comparing incremental cancer risks and chronic non-cancer health hazards to regulatory thresholds. For purposes of assessing the significance of any health impacts, these comparisons will be made for maximally exposed individuals (MEI) at locations where maximum concentrations of TAC are predicted by air dispersion modeling. An impact will be considered significant if cancer risks and/or chronic non-cancer health hazards for MEI exceeds regulatory thresholds. In addition, the range of possible risks and hazards will be addressed by evaluating risks for all modeled locations within the defined study area.

Methods for conducting the EIR HHRA are presented in Section 2.1.5.1; Section 2.1.5.2 and Section 2.1.5.3 presents the methods for the TAC emission calculation approach and dispersion analysis.

### 2.1.5.1 Methodology

The HHRA was conducted in four steps as defined in SCAQMD, California Environmental Protection Agency (CalEPA), and USEPA guidance<sup>30,31,32</sup> consisting of:

- Identification of chemicals (TAC) 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 (TAC) (Exposure Assessment);
- Evaluation of the toxicity of chemicals (TAC) that may present public health risks (Toxicity Assessment); and
- Characterization of the magnitude of health risks for the exposed community, and of locations in the community where the greatest risks or hazards may be realized (Risk Characterization).

Specifically, this HHRA addresses the following issues:

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<sup>30</sup> 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.

<sup>31</sup> 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.

<sup>32</sup> 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.

- Quantitative assessment of cancer risks and chronic non-cancer health hazards due to release of TAC associated with construction and operational activities for the LAX Landside Access Modernization Program.
- Quantitative evaluation of possible acute non-cancer health hazards due to release of TAC during construction activities associated with the LAX Landside Access Modernization Program.
- Quantitative evaluation of possible acute non-cancer health hazards due to release of TAC during operations associated with the LAX Landside Access Modernization Program.

Protective methods that are likely to overestimate rather than underestimate possible health risks were used to estimate cancer risks and chronic non-cancer health hazards. Incremental risks and hazards associated with the proposed Project were calculated for individuals assumed to live, work, or attend school at locations where TAC concentrations are predicted to be highest. Further, these individuals were assumed to be exposed to TAC for almost all days of the year and for many years to maximize estimates of possible exposure. These maximally exposed individuals, or MEI, are hypothetical individuals used to help ensure that the HHRA is protective.

The HHRA for the proposed Project also evaluates the potential for short-term (1-hour) exposures to cause immediate, or acute, non-cancer health impacts. These estimates will also be intentionally conservative.

### *Selecting TAC of Concern*

In general, TAC of concern used in the HHRA are based on TAC identified under California Assembly Bill AB2588 and for which the California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA) has developed cancer slope factors, chronic reference levels, and/or acute reference levels.

The list of TAC of concern used in this HHRA was selected using regulatory lists, emissions estimates, human toxicity information, results of the LAX Master Plan HHRA, and a review of health risk assessments included in the Long Beach Airport Terminal Area Improvement Project EIR,<sup>33</sup> LAX South Airfield Improvement Project (SAIP) Final EIR, LAX Crossfield Taxiway Project (CFTP) Final EIR, LAX Bradley West Project Final EIR, LAX Central Utility Plant Replacement Project (CUP-RP) Final EIR,<sup>34</sup> Specific Plan Amendment Study (SPAS) Final EIR, LAX Master Plan Final EIR, Oakland International Airport - Airport Development Program (ADP) Final Supplemental EIR,<sup>35</sup> and the Civilian Reuse of MCAS El Toro Final EIR, Draft Supplemental Analysis.<sup>36</sup> This list of TAC was

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

<sup>34</sup> City of Los Angeles, Los Angeles World Airports, Final Environmental Impact Report for Los Angeles International Airport (LAX) Central Utility Plant Replacement Project, October 2009.

<sup>35</sup> Port of Oakland, Draft Oakland International Airport - Airport Development Program (ADP) Supplemental Environmental Impact Report, September 2003.

<sup>36</sup> 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.

[DRAFT]

further refined to include only TAC with chronic Reference Exposure Levels (RELs), acute RELs, and cancer potency values identified by the California OEHHA. The resulting list of TAC of concern evaluated in this HHRA is provided in **Table F-8**. Methods for identifying TAC for construction and operational sources are described in Section 2.1.5.2.

**Table F-8: Toxic Air Contaminants (TAC) of Concern for the Proposed Project**

TOXIC AIR CONTAMINANT	TYPE
Acetaldehyde	VOC
Acrolein	VOC
Benzene	VOC
1,3-Butadiene	VOC
Cyclohexane	VOC
Ethylbenzene	VOC
Ethylene	VOC
Formaldehyde	VOC
n-Hexane	VOC
Isoprene	VOC
Isopropylbenzene	VOC
Methyl alcohol	VOC
Methyl ethyl ketone	VOC
Propionaldehyde	VOC
Propylene	VOC
Styrene	VOC
Toluene	VOC
1,2,4-Trimethylbenzene	VOC
2,2,4-Trimethylpentane	VOC
Xylene (total)	VOC
Naphthalene	PAH
Aluminum	PM-Metal
Antimony	PM-Metal
Arsenic	PM-Metal
Barium	PM-Metal
Cadmium	PM-Metal
Chromium VI	PM-Metal
Cobalt	PM-Metal
Copper	PM-Metal
Lead	PM-Metal
Manganese	PM-Metal
Mercury	PM-Metal
Nickel	PM-Metal
Selenium	PM-Metal
Silver	PM-Metal
Thallium	PM-Metal
Vanadium	PM-Metal
Zinc	PM-Metal
Diesel PM	Diesel Exhaust
Ammonium Ion	PM-Inorganics
Bromine	PM-Inorganics
Chlorine	PM-Inorganics
Non-phosphate phosphorous	PM-Inorganics
Phosphorus	PM-Inorganics
Silicon	PM-Inorganics
Sulfates	PM-Inorganics

## NOTES:

PAH = Polycyclic aromatic hydrocarbons

PM = Particulate matter

VOC = Volatile organic compounds

SOURCE: Ricondo &amp; Associates, Inc., September 2016.

PREPARED BY: Ricondo &amp; Associates, Inc., September 2016.

## *Exposure Assessment*

### **Exposure Populations**

For analysis of the proposed Project, the HHRA selected the following receptors for quantitative evaluation: on-airport workers, off-airport workers, off-airport adult residents, off-airport child residents, and off-airport school children. Analysis of these receptors represent the most affected populations surrounding LAX; by protecting the most exposed individuals, the general population is protected.

### **Exposure Pathways**

Different receptors (exposure populations) could be exposed to TAC in several ways, deemed exposure pathways. An exposure scenario is developed for each receptor that considers various pathways by which they might be exposed to TAC. An 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 were not evaluated in this HHRA. Numerous potentially complete exposure pathways exist for receptors at or near LAX. For this HHRA, the inhalation pathway is the most important complete exposure pathway, contributing the majority of risk associated with the proposed project, and was therefore quantitatively evaluated for all receptors. Exposure pathways via the soil and water were not evaluated.

### **Exposure Concentrations**

Analyses of cancer risk and non-cancer health hazards, both chronic and acute, were included in the exposure assessment for all exposure population receptors. Chronic and acute exposure to TAC from Project-specific construction and operational activities were estimated by:

- Estimation of construction and operational source emissions for annual (for chronic exposure) and operation source emissions for peak daily (for acute exposure).
- Dispersion modeling of construction and operational emissions over an area that consists of the airport property and adjacent urban areas.

In 2009, the EPA released the Risk Assessment Guidance for Superfund (RAGS), Part F<sup>37</sup> (RAGS Part F), which recommends the inhalation dosimetry methodology to estimate risk and hazards for cancer and non-cancer risk assessment. In this approach, the concentration of the chemical in air is the exposure metric (e.g., mg/m<sup>3</sup>), and risks are estimated using a unit risk that predicts cancer risk for each mg/m<sup>3</sup>, as shown in **Equation F-3** below. This HHRA uses the RAGS Part F methodology as it represents the most current EPA approach.

### Equation F-3: RAGS Part F Exposure Concentration

$$EC = (CA \times ET \times EF \times ED)/AT$$

Where:

- EC* = exposure concentration (µg/m<sup>3</sup>)
- CA* = chemical concentration in air (µg/m<sup>3</sup>)
- 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 (hours)

SOURCE: 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.

PREPARED BY: Ricondo & Associates, Inc., January 2015.

As shown above, the RAGS Part F equation requires exposure time, a parameter that was not previously defined for the LAX Master Plan EIS/EIR and other tiered LAX EIRs because it was not required for the RAGS Part A methodology. The following assumptions were used for this HHRA:

- Exposure time:
  - Residents will be exposed 24 hours a day.
  - A school child will be exposed eight hours per day.
  - An adult worker will be exposed 10 hours per day.
- Averaging time for estimation of cancer risks 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 estimation of non-cancer health hazards is the duration of exposure, expressed in days.

<sup>37</sup> U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, [Risk Assessment Guidance for Superfund, Vol. I, Human Health Evaluation Manual \(Part F, Supplemental Guidance for Inhalation Risk Assessment\), Final, EPA-540-R-070-002, OSWER 9285.7-82](#), January 2009.

Non-cancer health hazards are evaluated as average daily dose (ADD) over the period of exposure, again, following CalEPA and USEPA guidance.

Cancer risks and the non-cancer health hazards were then calculated using **Equation F-4** and **Equation F-5**, respectively.

#### Equation F-4: Cancer Risks

$$Risk = IUR \times EC$$

#### Equation F-5: Non-Cancer Health Hazards

$$HQ = EC / (RfC \times 1000 \mu g/mg)^{-1}$$

Where:

$IUR$  = inhalation unit risk ( $\mu g/m^3$ )<sup>-1</sup>

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

$HQ$  = hazard quotient

$RfC$  = reference concentration ( $mg/m^3$ )

SOURCE: 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.

PREPARED BY: Ricondo & Associates, Inc., January 2015

### Toxicity Assessment

Risks from exposure to TAC are calculated by combining estimates of potential exposure with chemical-specific toxicity criteria developed by CalEPA and/or USEPA. The toxicity assessment initially examined quantitative toxicity criteria for TAC selected from regulatory lists.

A toxicity assessment for TAC of concern was conducted for the LAX Master Plan Final EIR, as described in Technical Report 14a of that EIR. Conclusions of that assessment have not changed materially. Both the CalEPA OEHHHA and USEPA continually update toxicity values as new studies are completed, and all toxicity information provided in Technical Report 14a was reviewed and updated as appropriate by researching recent information available from USEPA, CalEPA OEHHHA, World Health Organization (WHO), and Agency for Toxic Substance and Disease Registry (ATSDR). Acute RELs developed by the State of California were used in the characterization of potential acute non-cancer health hazards associated with the proposed Project. Other sources of acute toxicity criteria (e.g., Agency for Toxic Substances and Disease Registry (ATSDR)) were also evaluated as a source of acute criteria as part of this re-assessment of toxicity information.

Cancer unit risk factors, cancer slope factors, and chronic RELs developed by the State of California were used to characterize cancer risks and chronic non-cancer health hazards associated with longer term inhalation of emissions from construction and operational activities. Both types of toxicity criteria are based on studies of chronic exposure in animals or, in some cases, to people.

### *Risk Characterization*

## **Methods for Evaluating Cancer Risks and Non-Cancer Health Hazards**

Cancer risks are estimated by multiplying exposure estimates for carcinogenic chemicals by corresponding cancer slope factors. Results are risk estimates expressed as the odds of developing cancer. Commonly, risks (or odds) of developing cancer of one to ten in one million ( $1 \times 10^{-6}$  to  $10 \times 10^{-6}$ ) or less are considered *de minimis*. Higher risks may be deemed significant in some instances. Cancer risks were based on an exposure duration of 70 years. The following methodology was used in determining cancer risks:

- Chronic non-cancer health hazard estimates were calculated by dividing exposure estimates by reference doses to obtain a hazard quotient (HQ).
- An HQ greater than one indicates an exposure concentration greater than that considered safe. An HQ ratio that is less than one indicates that Project-related (incremental) exposure is less than the highest exposure level that would not cause an adverse health effect and, hence, no impact to human health would be expected.
- Impacts of exposure to multiple chemicals are 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 TAC that produce effects in similar organs and tissues results in a Hazard Index (HI) that reflects possible total hazards.
- Incremental human health risks were compared to CEQA thresholds of significance. These comparisons focus on specific risk thresholds such as ten in one million cancer risk or a hazard index of 1.
- Human health impacts were also compared with data on possible human health impacts of TAC in the Los Angeles basin as determined in the MATES IV.<sup>38</sup> These latter comparisons provide a quantitative estimate of the cumulative impacts of the proposed Project on air quality and human health risks associated with TAC of concern within the Los Angeles Basin.

## **Methodology for Evaluating Acute Impacts**

Acute non-cancer risk estimates are calculated by dividing estimated maximum 1-hour TAC concentrations in the air by acute RELs. An acute REL is a concentration in air below which adverse effects are unlikely for people exposed for a short time on an intermittent basis. RELs do not distinguish between adults and

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<sup>38</sup> South Coast Air Quality Management District, Draft Report – Multiple Air Toxics Exposure Study in the South Coast Air Basin – MATES IV, October 2014. Available: <http://www.aqmd.gov/docs/default-source/air-quality/air-toxic-studies/mates-iv/mates-iv-draft-report-10-1-14.pdf?sfvrsn=4>.

children, but are established at levels that are considered protective of sensitive populations. Since margins of safety are incorporated to address data gaps and uncertainties, exceeding the REL does not automatically indicate an adverse health impact.

The assumptions and process of evaluating acute non-cancer risks are as follows:

- Acute adverse health impacts for all TAC with RELs were evaluated.
- Short-term concentrations for TAC were estimated using AERMOD, with the model option for 1-hour maximum concentrations selected. These concentrations represent the highest predicted concentrations of TAC.
- Acute non-cancer health hazards were then estimated at each grid point by dividing estimated maximum 1-hour TAC concentrations in air by acute RELs.
- A hazard index equal to or greater than 1, the threshold of significance for acute non-cancer health impacts, indicates some potential for adverse acute non-cancer health impacts. A hazard index less than 1 suggests that adverse acute non-cancer health impacts are not expected.

### 2.1.5.2 TAC Emissions

Both organic and particulate-bound TAC were analyzed in this HHRA. TAC are constituents of either VOC or PM<sub>10</sub>; therefore these emissions were developed from VOC and PM<sub>10</sub> emission inventories for the sources outlined in Section 2.2. CARB speciation profiles for VOC and PM<sub>10</sub> emissions from individual source types will be used to calculate TAC emissions. TAC emissions from both construction and Project-specific operational activities were included.

#### *Construction Emissions*

Project-related construction sources of TAC emissions include:

- Off-road heavy duty construction equipment;
- On-road equipment and vehicles;
- Generators; and
- Construction materials (e.g., VOCs from striping and asphalt paving).

The construction schedule combined with the VOC and PM<sub>10</sub> pollutant emissions inventories were the basis for development of the TAC emissions inventory. The methodology for estimating the proposed Project construction VOC and PM<sub>10</sub> emissions are outlined in Section 2.2. Short-term exposure was evaluated using the daily emissions during the peak month of the proposed Project construction. Long-term exposure was evaluated using period-average daily emissions in the peak year of construction to quantify chronic health impacts.

Construction-related concentrations of TAC are included in **Attachment F.5**.

### Operational Emissions

Project-specific operational sources analyzed for potential impacts to human health in the EIR include:

- On-site roadways;
- Parking lots; and
- Heating and cooling for the ITFs, APM stations, and CONRAC.

These emissions sources were analyzed for 2024 and 2035, With and Without the proposed Project in order to determine the incremental impact. Operations-related concentrations of TAC are included in **Attachment F.6**.

#### 2.1.5.3 TAC Exposure Concentration (Dispersion)

Air dispersion modeling was used to estimate TAC concentrations from construction and operational sources for the proposed Project. TAC concentrations were estimated in two steps:

1. Estimate total organic gas (TOG) and PM<sub>10</sub> concentrations at receptor locations through dispersion modeling.
2. Calculate individual organic or particulate TAC concentrations using emissions profiles to speciate TOG and PM<sub>10</sub> estimates.

The AERMOD model was used to calculate annual average (chronic and carcinogenic exposure) and peak hour (acute exposure) chemical concentrations associated with each emitting construction and operations source. Inputs for each emitting source were based on characterizations of each pollutant. The analysis was used to determine the contribution that the proposed Project would make to airport-related risks and hazards.

TAC concentrations were estimated at a set number of grid node receptors as discussed in Section 2.1.3.3.

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## 2.2 Greenhouse Gas Emissions

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CEQA requires the evaluation of greenhouse gas emissions from the proposed Project.

### 2.2.1 GREENHOUSE GASES

Parts of the earth's atmosphere act as an insulating blanket, trapping sufficient solar energy to keep the global average temperature in a suitable range. The blanket is a collection of atmospheric gases called greenhouse gases. These gases, including water vapor, carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), O<sub>3</sub>, chlorofluorocarbons (CFCs), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF<sub>6</sub>), all act as effective global insulators, trapping heat in the Earth's atmosphere. The potential of these gases or aerosols to trap heat in the atmosphere is known as the global warming potential (GWP). Individual greenhouse gas species have varying GWP and atmospheric lifetimes.

[DRAFT]

Individual greenhouse gas emissions are normalized by multiplying individual emissions by its GWP to calculate the CO<sub>2</sub> equivalent (CO<sub>2e</sub>); this produces a consistent methodology for comparing emissions because it normalizes various greenhouse gas emissions to a consistent metric. The reference gas for GWP is CO<sub>2</sub>; CO<sub>2</sub> has a GWP of one. All other greenhouse gases have a greater global warming effect than CO<sub>2</sub> on a molecule-per-molecule basis. The global warming potential of select greenhouse gases are shown in **Table F-9**.

**Table F-9: Global Warming Potentials (GWP) and Atmospheric Lifetimes of Select Greenhouse Gases**

GAS	ATMOSPHERIC LIFETIME (YEARS)	GLOBAL WARMING POTENTIAL <sup>1/</sup> (100 YEAR TIME HORIZON)
Carbon Dioxide (CO <sub>2</sub> )	50 – 200	1
Methane (CH <sub>4</sub> )	12	25
Nitrous Oxide (N <sub>2</sub> O)	114	298
HFC-23	270	14,800
HFC-134a	14	1,430
HFC-152a	1.4	124
PFC: Perfluoromethane (CF <sub>4</sub> )	50,000	7,390
PFC: Perfluoroethane (C <sub>2</sub> F <sub>6</sub> )	10,000	12,200
Sulfur Hexafluoride (SF <sub>6</sub> )	3,200	22,800

NOTE:

1/ The GWPs are based on the *Fourth* Assessment Report of the Intergovernmental Panel on Climate Change because the GWPs in this version are the ones currently used in federal and State mandatory reporting programs. These are updated as scientists gain a greater understanding of the effect on these pollutants.

SOURCE: Intergovernmental Panel on Climate Change, *Climate Change 2007: The Physical Science Basis*. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, 2007.

PREPARED BY: Ricondo & Associates, Inc., January 2015.

## 2.2.2 SCOPE OF ANALYSIS

For this EIR, the greenhouse gases of concern are primarily CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O from construction and operational sources. The analysis of greenhouse gas emissions generally mirrors the air quality criteria pollutant emissions inventory, as discussed in Section 2 and does not directly track LAWA's existing airport greenhouse gas inventory. This inventory focuses on CO<sub>2</sub> emissions, and where data is available concerning other greenhouse gases, inventories those pollutants to create a CO<sub>2e</sub>.

In preparing the EIR greenhouse gas inventory, it is important to set the boundaries of the evaluation. The EIR inventory focuses on emissions by sources whose greenhouse gas emissions would be changed by the proposed Project; not all sources at the airport would be affected and thus, the inventory is not be a complete airport inventory.

## 2.2.3 EMISSIONS INVENTORIES AND METHODOLOGY

The inventory of greenhouse gases provides estimates of the amount of greenhouses gases from existing uses within the Project site and the amount of greenhouse gases associated with the construction and long-term operation of the proposed Project. The conditions considered in the greenhouse gas emissions inventory are the same as those discussed in Section 2.1.1 for the criteria pollutant air quality evaluation.

### 2.2.3.1 Construction Sources

The Project-related construction sources for which greenhouse gas emissions were calculated are outlined below. CO<sub>2</sub> emission rates were calculated from OFFROAD2007 and EMFAC2014 following the methodology outlined in Section 2.2.1, as appropriate.

- Off-Road On-Site Equipment
- On-Road On-Site Equipment
- On-Road Off-Site Equipment

Calculations for criteria pollutants and greenhouse gas emissions from construction are included in Attachment F.1.

### 2.2.3.2 Operational Sources

#### *Mobile Sources*

Greenhouse gas emissions from on-road vehicles were calculated using EMFAC2014 emission factors and the total daily vehicle miles traveled (VMT) to obtain emissions in pounds per day. VMT was determined by multiplying the estimated daily trip generation for the proposed Project by an average trip length. Temporal data that identifies the vehicle volumes by hour for traffic and on-airport parking was determined from the transportation analysis, as discussed in Section 4.12, *Transportation/Traffic*.

#### *Stationary Sources*

As discussed in Section 2.2.2, GHG emissions would also occur from stationary sources including fixed combustion equipment and incremental electricity demand. These emissions were estimated using CalEEMod. This program estimates the increase in greenhouse gas emissions that would occur from natural gas combustion, purchased electricity, water delivery, wastewater treatment, and solid waste disposal. Electricity, natural gas, water, and solid waste usage rates will be determined based on building areas (square footages) for the various components of the Project. Default assumptions in CalEEMod will be adjusted to reflect these parameters to estimate emissions.

Calculations for criteria pollutants and greenhouse gas emissions from construction are included in Attachment F.2.

### 3. References

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# LAX Landside Access Modernization Project, 2016 Draft EIR

## Appendix F

### **Air Quality and Greenhouse Gas Emissions**

Air Quality and Greenhouse Gas Assessment Files

Provided by Ricondo & Associates

September 2016

- F.1 Construction – Criteria Pollutant and Greenhouse Gas Emissions
- F.2 Construction Concentrations – Criteria Pollutants
- F.3 Construction Concentrations – Toxic Air Contaminants
- F.4 Operations – Criteria Pollutant and Greenhouse Gas Emissions
- F.5 Operation Concentrations – Criteria Pollutants
- F.6 Operation Concentrations – Toxic Air Contaminants

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Assumptions
- Master Construction Schedule
- Project Component Data
- Equipment Data
- Pollutants – CO Emission Factors
  - Without Mitigation
  - With Mitigation
- Pollutants – CO<sub>2</sub>e Emission Factors
  - Without Mitigation
  - With Mitigation
- Pollutants – NO<sub>x</sub> Emission Factors
  - Without Mitigation
  - With Mitigation
- Pollutants – PM<sub>2.5</sub> Emission Factors
  - Without Mitigation
  - With Mitigation
- Pollutants – PM<sub>10</sub> Emission Factors
  - Without Mitigation
  - With Mitigation
- Pollutants – ROG Emission Factors
  - Without Mitigation
  - With Mitigation
- Pollutants – SO<sub>x</sub> Emission Factors
  - Without Mitigation
  - With Mitigation
- Fugitive Dust Emissions
  - Emissions due to Demolition
  - Emissions due to Equipment
  - Emissions due to Grading

- Fugitive VOC Emissions due to Paving and Coating
- Summary

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Assumptions

Onroad & Offroad Fleet Assumptions	
<input checked="" type="checkbox"/>	Assume EPA Tier Emissions Rates for Offroad Diesel Equipment.
30%	Assumed offroad, on-site equipment to be Tier 3
35%	Assumed offroad, on-site equipment to be Tier 4 Interim
35%	Assumed offroad, on-site equipment to be Tier 4
<input checked="" type="checkbox"/>	Realistic compliance with EPA 2010 Heavy Duty Onroad Equipment Standard.
25%	Assumed compliance with the 2007 Standard

Off-Site Vehicle Trips Assumptions		
<b>Worker Trips (off-site)</b>		
Miles (roundtrip)	40	
Carpool factor	1.11	
Idle time/trip (min.)	5	
<b>Worker vehicle fleet mix</b>		
LDA	LDT1	LDT2
50%	30%	20%
<b>Hauling Trips (off-site)</b>		
Idle time/trip (min.)	5	

Toggle Results		
<input checked="" type="checkbox"/>	include diesel exhaust sources in emissions report.	1
<input checked="" type="checkbox"/>	include fugitive sources in emissions report.	1
<input checked="" type="checkbox"/>	include gasoline sources in emissions report.	1
<input checked="" type="checkbox"/>	include tire wear sources in emissions report.	1
<input checked="" type="checkbox"/>	include break wear sources in emissions report.	1
<input checked="" type="checkbox"/>	include architectural coating sources in emissions report.	1

On-Site Vehicle Activity Assumptions	
<b>On-Site Trucks</b>	
Speed (mi/hr)	15
Cold startups per shift	1
Idle time (min./hr)	5

Haul Trip Type (off-site)	Truck Type	EMFAC Category	Roundtrip Distance (mi.)
Material Deliveries	Flatbed	T7 Single Construction	40
Concrete Deliveries	Mixer Truck	T7 Single Construction	20
Base Material Deliveries	Tandem Dump	T7 Single Construction	40
Asphalt Deliveries	Tandem Dump	T7 Single Construction	40
Demolition Hauling	Tandem Dump	T7 Single Construction	20

Worker shifts per day	1
Offroad equipment usage factor	83%

Diesel Particulate Matter Filter Reduction	85%
Percent of Tier 3 Equipment to be Filtered	50%

On-Site / Off-Site Vehicle Activity Assumptions	
<b>On-Road Trucks</b>	
Percent of time in use On-Site	25.00%

Emissions Reductions due to Alternative Diesel Fuel (measured as a % as compared with conventional diesel)							Percent of Fleet:	90%	90% for mitigated scenario
CO2e	CO	ROG	NOx	SOx	PM10	PM2.5			
40%	24%	30%	9%	0%	33%	33%			

Assumed Neste NEXBTL High Performance Renewable (HPR) Diesel Fuel ([https://www.neste.com/sites/default/files/attachments/nexbtl\\_03032014.pdf](https://www.neste.com/sites/default/files/attachments/nexbtl_03032014.pdf))

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Master Construction Schedule

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Project #	Project Description	Duration	Start	Finish
5	Existing Lot E Improvement for LAMP Construction Parking	180 days	10/1/2017	6/8/2018
8	Existing Lot E Improvement for LAMP Construction Parking	120 days	10/2/2017	3/16/2018
12	Construct Temporary Metro Bus Terminal	160 days	6/8/2018	1/18/2019
15	Site Grading & Drainage-Temp Bus Term.	20 days	7/9/2018	8/3/2018
16	Construct Temporary Bus Terminal	60 days	8/6/2018	10/26/2018
21	Demolish Old Metro Bus Facility	160 days	11/23/2018	7/5/2019
24	Demolish Old Metro Bus Terminal	90 days	12/24/2018	4/26/2019
25	Demolition Hauling-Old Metro Bus Facility	90 days	12/24/2018	4/26/2019
30	Demolish all LAWA-owned Properties on Belford Lot	130 days	6/8/2018	12/7/2018
33	Demolition of Belford Properties	3 mons	7/9/2018	9/28/2018
34	Demolition Hauling-Belford Properties	3 mons	7/9/2018	9/28/2018
39	Demolition of Clifton Moore Administration Building	270 days	9/28/2018	10/11/2019
42	Demolition of Clifton Moore Admin Building	180 days	10/29/2018	7/5/2019
43	Demolition Hauling-Admin Bldg	180 days	10/29/2018	7/5/2019
44	Site Grading (Existing Admin Bldg site)	20 days	7/8/2019	8/2/2019
49	Bob Hope Hollywood USO	140 days	9/28/2018	4/12/2019
52	Demolition of USO Structure(s)	3 mons	10/29/2018	1/18/2019
53	Demolition Hauling-USO	3 mons	10/29/2018	1/18/2019
54	Site Grading-USO	10 days	1/21/2019	2/1/2019
59	Parking Garage P2B/West Way Relocation	476 days	10/11/2019	8/9/2021
61	Demolish Existing Parking Garage P2B/West Way	3.2 mons	10/14/2019	1/9/2020
62	Demolition Hauling-Existing P2B & West Way	3.2 mons	10/14/2019	1/9/2020
63	Site Grading Drainage & Utilities-P2B & West Way	40 days	1/10/2020	3/5/2020
64	Build New Parking Garage P2B	13.2 mons	5/13/2020	5/17/2021
65	Construct/Pave New West Way	13.2 mons	5/13/2020	5/17/2021
70	Parking Garage P2A	498 days	5/17/2021	4/13/2023
72	Demolish of Existing Parking Garage P2A	3.3 mons	5/18/2021	8/17/2021
73	Demolition Hauling-Existing P2A	3.3 mons	5/18/2021	8/17/2021
74	Site Grading Drainage & Utilities-P2A	40 days	5/25/2021	7/19/2021
75	Build New Parking Garage P2A	14.2 mons	12/20/2021	1/19/2023
80	Parking Garage P5	389 days	1/19/2023	7/17/2024
82	Demolish of Existing Parking Garage P5	3.3 mons	1/20/2023	4/21/2023
83	Demolition Hauling-Existing P5	3.3 mons	1/20/2023	4/21/2023
84	Site Grading Drainage & Utilities - P5	40 days	1/27/2023	3/23/2023
85	Build New Parking Garage P5	14.2 mons	3/24/2023	4/24/2024
90	Restaurant Building Demolition	140 days	5/2/2018	11/14/2018
93	Demolition of Restaurant	60 days	5/30/2018	8/21/2018
94	Demolition Hauling-existing Restaurant	60 days	5/30/2018	8/21/2018
99	New Delta Hangar Complex	220 days	10/1/2017	8/3/2018
102	Grading & Drainage/Utilities	40 days	10/30/2017	12/22/2017
103	Hangar Foundations	20 days	12/25/2017	1/19/2018
104	Build Hangar Facility	80 days	1/22/2018	5/11/2018
105	Build Apron Ramp Pavement	60 days	2/19/2018	5/11/2018
109	Demolish Existing Delta Hangar Complex	230 days	8/3/2018	6/21/2019
112	Demolish Delta Hangar	150 days	9/3/2018	3/29/2019
113	Demolition Hauling-Delta Hangar	150 days	9/3/2018	3/29/2019
118	Reliant Medical Center	125 days	3/6/2023	8/25/2023
121	Site demolition- Medical Center	45 days	4/3/2023	6/2/2023
122	Demolition Hauling-Medical Center	45 days	4/3/2023	6/2/2023
127	APM and Associated Facilities	1875 days	10/1/2017	12/6/2024
128	APM Guideway	1875 days	10/1/2017	12/6/2024
130	APM Guideway Seg 1 - Century Blvd to MSF	520 days	1/2/2018	12/30/2019
131	Site Clearing/Utility Relocation-APM Seg 1	3.3 mons	1/2/2018	4/3/2018
132	Demolition Hauling-APM Seg 1	3.3 mons	1/2/2018	4/3/2018
133	Guideway Substructure Construction-APM Seg 1	10 mons	4/4/2018	1/8/2019
134	Guideway Deck Construction-APM Seg 1	3.9 mons	12/10/2018	3/27/2019
135	APM OS Installation-APM Seg 1	9.9 mons	3/28/2019	12/30/2019
136	APM Guideway Seg 2 - MSF to ConRAC	520 days	7/5/2018	7/1/2020
137	Site Clearing/Utility Relocation-APM Seg 2	6.7 mons	7/5/2018	1/8/2019
138	Demolition Hauling-APM Seg 2	6.7 mons	7/5/2018	1/8/2019
139	Guideway Substructure Construction-APM Seg 2	7.7 mons	1/9/2019	8/12/2019
140	Guideway Deck Construction-APM Seg 2	3.9 mons	6/26/2019	10/11/2019
141	APM OS Installation-APM Seg 2	6.6 mons	12/31/2019	7/1/2020
142	CTA West APM Guideway Seg 3A -Theme Bldg to West Processor	704 days	1/10/2020	9/21/2022
143	CTA West APM Guideway Seg 3A to P2B Garage	88 days	1/10/2020	5/12/2020
144	Site Clearing/Utility Relocation-APM Seg 3 to P2B	2.2 mons	1/10/2020	3/11/2020
145	Demolition Hauling-APM Seg 3 to P2B	2.2 mons	1/10/2020	3/11/2020
146	Guideway Substructure Construction-APM Seg 3 to P2B	2.2 mons	3/12/2020	5/12/2020

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Project #	Project Description	Duration	Start	Finish
147	Guideway Deck Construction-APM Seg 3 to P2B	1.1 mons	3/25/2020	4/23/2020
148	CTA West APM Guideway Seg 3A to P2A Garage	88 days	8/18/2021	12/17/2021
149	Site Clearing/Utility Relocation-APM Seg 3 to P2A	2.2 mons	8/18/2021	10/18/2021
150	Demolition Hauling-APM Seg 3 to P2A	2.2 mons	8/18/2021	10/18/2021
151	Guideway Substructure Construction-APM Seg 3 to P2A	2.2 mons	10/19/2021	12/17/2021
152	Guideway Deck Construction-APM Seg 3 to P2A	1.1 mons	11/1/2021	11/30/2021
153	CTA West APM Guideway Seg 3A P2A Garage to Theme	110 days	10/19/2021	3/21/2022
154	Site Clearing/Utility Relocation-APM Seg 3 to Theme	2.2 mons	10/19/2021	12/17/2021
155	Demolition Hauling-APM Seg 3 to Theme	2.2 mons	10/19/2021	12/17/2021
156	Guideway Substructure Construction-APM Seg 3 to Theme	2.2 mons	12/20/2021	2/17/2022
157	Guideway Deck Construction-APM Seg 3 to Theme	1.1 mons	2/18/2022	3/21/2022
158	APM OS Installation-APM Seg 3	6.6 mons	3/22/2022	9/21/2022
159	APM Guideway Seg 3B-Knot to Theme Building (CTA East)	1232 days	7/5/2018	3/24/2023
160	Site Clearing/Utility Relocation-APM Seg 3B	6.7 mons	7/5/2018	1/8/2019
161	Demolition Hauling-APM Seg 3B	6.7 mons	7/5/2018	1/8/2019
162	Guideway Substructure Construction-APM Seg 3B	11.6 mons	5/31/2019	4/20/2020
163	Guideway Deck Construction-APM Seg 3B	3.3 mons	3/12/2020	6/11/2020
164	APM OS Installation-APM Seg 3B	6.6 mons	9/22/2022	3/24/2023
165	APM Guideway Seg 4-Century Blvd to Knot at Sepuleda	998 days	10/30/2019	8/25/2023
166	Site Clearing/Utility Relocation-APM Seg 4	6.6 mons	10/30/2019	4/30/2020
167	Demolition Hauling-APM Seg 4	6.6 mons	10/30/2019	4/30/2020
168	Guideway Substructure Construction-APM Seg 4	9.9 mons	5/1/2020	2/2/2021
169	Guideway Deck Construction-APM Seg 4	3.9 mons	12/15/2020	4/1/2021
170	APM OS Installation-APM Seg 4	5.5 mons	3/27/2023	8/25/2023
176	West CTA APM Station	860 days	10/1/2017	1/15/2021
178	West CTA APM Station Parking Garage	185 days	10/2/2017	6/15/2018
179	Site preparation-West CTA Garage	45 days	10/2/2017	12/1/2017
180	Construct Underground West CTA Station Parking Garage	120 days	12/4/2017	5/18/2018
183	Construct West Processing Level	12.2 mons	5/21/2018	4/25/2019
184	Finishes West Processing Level-50' elev.	15.5 mons	4/26/2019	7/2/2020
185	Construct West CTA APM Station-75' elev.	15.1 mons	5/21/2018	7/16/2019
186	Finishes West CTA APM Station	6.5 mons	4/13/2020	10/9/2020
191	Center CTA APM Station	380 days	4/21/2020	10/4/2021
192	Construct Center CTA APM Station	4.3 mons	4/21/2020	8/18/2020
193	Finishes Center CTA APM Station	9.8 mons	10/12/2020	7/12/2021
198	East CTA Station	342 days	4/21/2020	8/11/2021
199	Construct East CTA APM Station	4.3 mons	4/21/2020	8/18/2020
200	Finishes East CTA APM Station	9.8 mons	8/19/2020	5/19/2021
205	CTA APM Pedestrian Walkways	644 days	5/21/2018	11/5/2020
206	Construct CTA APM Pedestrian Walkways	19.4 mons	5/21/2018	11/13/2019
207	Finishes CTA APM Pedestrian Walkways	9.8 mons	11/14/2019	8/13/2020
212	Vertical Circulation Cores	809 days	10/1/2017	11/5/2020
216	Site Prep & Utility Relocations-Vertical Cores	6.5 mons	12/17/2018	6/14/2019
217	Demolition & Utility Relocations-Vertical Cores	6.5 mons	12/17/2018	6/14/2019
218	Demolition Hauling-Vertical Cores	6.5 mons	12/17/2018	6/14/2019
219	Vertical Cores Construction-at Terminals	17.1 mons	1/14/2019	5/5/2020
221	Maintenance & Storage Facility	582 days	4/4/2018	6/25/2020
223	Site Prep-MSF	3 mons	4/4/2018	6/26/2018
224	Foundation Work-MSF	3 mons	5/30/2018	8/21/2018
225	Building Construction-MSF	3.6 mons	8/22/2018	11/29/2018
226	Interior Construction-MSF	6 mons	11/30/2018	5/16/2019
228	APM Operating System Installation-MSF	14.5 mons	5/17/2019	6/25/2020
230	Traction Power Substations	592 days	7/5/2018	10/9/2020
231	CTA Processor Power Station	260 days	10/11/2019	10/9/2020
233	Site Prep & Utilites-CTA PPS	4 mons	10/14/2019	1/31/2020
234	Foundations-CTA PPS	2 mons	2/3/2020	3/27/2020
235	CTA Power Station Construct Structure	2 mons	3/30/2020	5/22/2020
236	Install Power Equipment-CTA PPS	5 mons	5/25/2020	10/9/2020
238	West Processor Power Station	260 days	7/5/2018	7/3/2019
240	Site Prep & Utilites-West PPS	4 mons	7/5/2018	10/24/2018
241	Foundations-West PPS	2 mons	10/25/2018	12/19/2018
242	West Power Station Construct Structure	2 mons	12/20/2018	2/13/2019
243	Install Power Equipment-West PPS	5 mons	2/14/2019	7/3/2019
245	East Processor Power Station	260 days	12/19/2018	12/18/2019
247	Site Prep & Utilites-East PPS	4 mons	12/20/2018	4/10/2019
248	Foundations-East PPS	2 mons	4/11/2019	6/5/2019
249	East Power Station Construct Structure	2 mons	6/6/2019	7/31/2019
250	Install Power Equipment-East PPS	5 mons	8/1/2019	12/18/2019

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Project #	Project Description	Duration	Start	Finish
252	West Intermodal Transportation Facility (ITF-W)	1932 days	10/1/2017	2/25/2025
253	APM Station at ITF West	388 days	4/4/2018	9/27/2019
254	Foundation Work (same as APM Seg 1)-ITF-W	10 mons	4/4/2018	1/8/2019
255	Building Envelope (same as APM Seg 1 Deck)-ITF-W	3.6 mons	12/10/2018	3/19/2019
256	Station Finishes-ITF-W	6.9 mons	3/20/2019	9/27/2019
258	Western Public Parking Garage ITF-W	620 days	10/1/2017	2/14/2020
261	Site Prep-Garage ITF-W	1 mon	4/4/2018	5/1/2018
262	Demolition & Utility Relocations-Garage ITF-W	3 mons	5/2/2018	7/24/2018
263	Demolition Hauling-Garage ITF-W	2 mons	5/2/2018	6/26/2018
264	Foundation Work-Garage ITF-W	3.4 mons	6/27/2018	9/28/2018
265	Construct 1st Floor-Garage ITF-W	3.5 mons	10/1/2018	1/4/2019
266	Construct 2nd Floor-Garage ITF-W	3.5 mons	12/10/2018	3/15/2019
267	Construct 3rd Floor-Garage ITF-W	3.5 mons	2/18/2019	5/24/2019
268	Construct 4th Floor-Garage ITF-W	3.5 mons	4/29/2019	8/2/2019
269	Construct 5th Floor-Garage ITF-W	3.5 mons	7/8/2019	10/11/2019
274	Western Garage Curb Space ITF-W	170 days	1/7/2019	8/30/2019
275	Site Prep-Curb Space ITF-W	90 days	1/7/2019	5/10/2019
276	Concrete Work-Curb Space ITF-W	6 mons	3/18/2019	8/30/2019
278	Eastern Public Parking Garage ITF-W	588 days	11/24/2022	2/25/2025
280	Site Prep-East Garage ITF-W	1 mon	11/25/2022	12/22/2022
281	Demolition & Utility Relo-East Garage ITF-W	3 mons	11/25/2022	2/16/2023
282	Demolition Hauling-East Garage ITF-W	2 mons	11/25/2022	1/19/2023
283	Foundation Work-East Garage ITF-W	3.4 mons	1/20/2023	4/25/2023
284	Construct 1st Floor-East Garage ITF-W	3.5 mons	3/29/2023	7/4/2023
285	Construct 2nd Floor-East Garage ITF-W	3.5 mons	6/7/2023	9/12/2023
286	Construct 3rd Floor-East Garage ITF-W	3.5 mons	8/16/2023	11/21/2023
287	Construct 4th Floor-East Garage ITF-W	3.5 mons	10/25/2023	1/30/2024
288	Construct 5th Floor-East Garage ITF-W	3.5 mons	1/3/2024	4/9/2024
289	Construct 6th Floor-East Garage ITF-W	3.5 mons	3/13/2024	6/18/2024
294	Eastern Garage Curb Space ITF-W	170 days	7/5/2023	2/27/2024
295	Site Prep-East Garage Curb ITF-W	90 days	7/5/2023	11/7/2023
296	Concrete Work-East Garage Curb ITF-W	6 mons	9/13/2023	2/27/2024
298	East Intermodal Transportation Facility (ITF-E)	1212 days	1/9/2019	8/31/2023
299	APM Station at ITF East	330 days	1/9/2019	4/14/2020
300	Foundation Work (same as APM Seg 2)-APM ITF-E	11.6 mons	1/9/2019	11/28/2019
301	Building Envelope (same as APM Seg 2 Deck)-APM ITF-E	3.9 mons	6/26/2019	10/11/2019
302	Station Finishes-ITF-E	6.6 mons	10/14/2019	4/14/2020
304	ITF-E Public Parking Garage	960 days	12/27/2019	8/31/2023
307	Site Clearing & Grading-ITF-E Garage	3.3 mons	2/27/2020	5/28/2020
308	Demolition & Utility Relocations-ITF-E Garage	4.4 mons	5/29/2020	9/29/2020
309	Demolition Hauling-ITF-E Garage	4.4 mons	5/29/2020	9/29/2020
310	Foundation Work-ITF-E Garage	5.1 mons	9/30/2020	2/18/2021
311	Construct 1st Floor-ITF-E Garage	5.5 mons	1/22/2021	6/24/2021
312	Construct 2nd Floor-ITF-E Garage	5.5 mons	5/28/2021	10/28/2021
313	Construct 3rd Floor-ITF-E Garage	5.5 mons	10/1/2021	3/3/2022
314	Construct 4th Floor-ITF-E Garage	5.5 mons	2/4/2022	7/7/2022
315	Construct 5th Floor-ITF-E Garage	5.5 mons	6/10/2022	11/10/2022
316	Construct 6th Floor-ITF-E Garage	5.5 mons	10/14/2022	3/16/2023
321	ITF-E Garage Curb Space	170 days	6/25/2021	2/17/2022
322	Site Prep-Curb ITF-E	90 days	6/25/2021	10/28/2021
323	Concrete work-Curb ITF-E	120 days	9/3/2021	2/17/2022
325	Short Term Layover Parking	45 days	5/29/2020	7/30/2020
326	Site Prep & Utility Relo-Short Term Parking	10 days	5/29/2020	6/11/2020
327	Grade Parking Area-Short Term Parking	10 days	6/12/2020	6/25/2020
328	Construction Short Term Parking	25 days	6/26/2020	7/30/2020
330	Consolidated Rental Car Facility (ConRAC)	1464 days	10/1/2017	5/11/2023
335	Rental Car Ready/Return Parking Area	914 days	3/12/2019	9/9/2022
336	Site Prep & Utility Relocation-ConRAC	6.6 mons	3/12/2019	9/11/2019
337	Demolition-ConRAC	6.6 mons	3/12/2019	9/11/2019
338	Demolition Hauling-ConRAC	6.6 mons	3/12/2019	9/11/2019
339	Foundation Work-Ready/Return	5.1 mons	7/18/2019	12/6/2019
340	Construct 1st Floor-Ready/Return	6.6 mons	10/28/2019	4/28/2020
341	Construct 2nd Floor-Ready/Return	6.6 mons	3/18/2020	9/17/2020
342	Construct 3rd Floor-Ready/Return	6.6 mons	8/7/2020	2/8/2021
343	Construct 4th Floor-Ready/Return	6.6 mons	12/29/2020	6/30/2021
347	ConRAC APM Station	192 days	7/1/2021	3/25/2022
348	Building Envelope-APM ConRAC	3 mons	7/1/2021	9/22/2021
349	APM Station Finishes-ConRAC	6.6 mons	9/23/2021	3/25/2022

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351	ConRAC Customer Service Building	192 days	7/1/2021	3/25/2022
352	Building Envelope-ConRAC CSB	3 mons	7/1/2021	9/22/2021
353	Interior Construction-ConRAC CSB	6.6 mons	9/23/2021	3/25/2022
358	Idle Storage Area	564 days	9/12/2019	11/9/2021
359	Site Prep & Utility Relo-Idle Storage	5.5 mons	9/12/2019	2/12/2020
360	Foundation Work-Idle Storage	6.6 mons	2/13/2020	8/14/2020
361	Construct Idle Storage Area	6.6 mons	8/17/2020	2/16/2021
363	Public Parking (above Idle Storage area 2,200 spaces)	110 days	2/16/2021	7/20/2021
366	Prepare/Mark Public Parking Area	90 days	3/17/2021	7/20/2021
370	Quick Turnaround Area (QTA)	846 days	2/13/2020	5/11/2023
371	Site Prep & Utility Relocation-QTA	3.1 mons	2/13/2020	5/8/2020
372	Foundation Work-all Buildings-QTA	5.1 mons	8/17/2020	1/5/2021
373	Building 1st Floor-all Buildings-QTA	6.6 mons	1/6/2021	7/8/2021
374	Building 2nd Floor-QTA	3.5 mons	7/9/2021	10/14/2021
375	Building 3rd Floor-QTA	3.5 mons	10/15/2021	1/20/2022
376	Buildout Fueling Stations-QTA Area	18 mons	7/9/2021	11/24/2022
377	Buildout Car Washes--QTA Area	18 mons	7/9/2021	11/24/2022
378	Buildout Maintenance Areas-QTA Area	18 mons	7/9/2021	11/24/2022
380	QTA Support & Additional Site Functions	664 days	5/11/2020	11/24/2022
381	Site Prep & Utility Relo-QTA Support Areas	3.1 mons	5/11/2020	8/4/2020
382	Foundation Work-QTA Support Areas	3.1 mons	8/5/2020	10/29/2020
383	Building Construction-QTA Support Areas	6 mons	10/30/2020	4/15/2021
384	Buildout Interiors-QTA Support Areas	120 days	4/16/2021	9/30/2021
385	Interior Admin Area Construction-QTA Support Areas	120 days	4/16/2021	9/30/2021
386	ConRAC MEP Systems Area-QTA Support Areas	150 days	10/1/2021	4/28/2022
387	Install MEP Equipment-QTA Support Areas	7.5 mons	4/29/2022	11/24/2022
389	Employee Parking Area (1,100 spaces)	120 days	8/5/2020	1/19/2021
390	Site Prep & Utility Relo-ConRAC Employee Parking	1.5 mons	8/5/2020	9/15/2020
391	Construct Employee Parking Area	2.5 mons	9/16/2020	11/24/2020
392	Prepare/Mark Public Parking Area	2 mons	11/25/2020	1/19/2021
398	Phase 1 New Roads	586 days	8/22/2018	11/18/2020
399	New 'A' St - W 96th to Century Blvd (800 ft)	45 days	2/20/2019	4/23/2019
400	Demo, Utility Relocation, Site Prep-New "A" 96th	20 days	2/20/2019	3/19/2019
401	Demo Hauling-New "A" 96th	20 days	2/20/2019	3/19/2019
402	Paving-New "A" 96th	5 days	3/20/2019	3/26/2019
403	Finishes-New "A" 96th	20 days	3/27/2019	4/23/2019
404	New 'A' St - W. Century to Westchester Pkwy/ W. Arbor Vitae St(1,600 ft)	101 days	8/22/2018	1/9/2019
405	Demo, Utility Relocation, Site Prep-New "A Century	36 days	8/22/2018	10/10/2018
406	Demo Hauling-New "A Century	36 days	8/22/2018	10/10/2018
407	Paving-New "A Century	7 days	10/11/2018	10/19/2018
408	Finishes-New "A Century	58 days	10/22/2018	1/9/2019
409	New 'B' St - New 'A' St to Airport Blvd (1,700 ft)	125 days	4/24/2019	10/15/2019
410	Demo, Utility Relocation, Site Prep-New "A" Airport	40 days	4/24/2019	6/18/2019
411	Demo Hauling-New "A" Airport	40 days	4/24/2019	6/18/2019
412	Paving-New "A" Airport	10 days	6/19/2019	7/2/2019
413	Finishes-New "A" Airport	75 days	7/3/2019	10/15/2019
414	New 'C' St - Imperial Hwy and W. 111th St (1,200 ft)	92 days	5/15/2020	9/21/2020
415	Demo, Utility Relocation, Site Prep-New "C"	30 days	5/15/2020	6/25/2020
416	Demo Hauling-New "C"	30 days	5/15/2020	6/25/2020
417	Paving-New "C"	10 days	6/26/2020	7/9/2020
418	Finishes-New "C"	52 days	7/10/2020	9/21/2020
419	New 'D' St - W. 96th St to W. Arbor Vitae St (1,100 ft)	88 days	10/16/2019	2/14/2020
420	Demo, Utility Relocation, Site Prep-New "D"	30 days	10/16/2019	11/26/2019
421	Demo Hauling-New "D"	30 days	10/16/2019	11/26/2019
422	Paving-New "D"	10 days	11/27/2019	12/10/2019
423	Finishes-New "D"	48 days	12/11/2019	2/14/2020
424	New 98th St - Bellanca Ave to La Cienega (400 ft)	45 days	9/17/2020	11/18/2020
425	Demo, Utility Relocation, Site Prep-New 98th Bellanca	15 days	9/17/2020	10/7/2020
426	Demo Hauling-New 98th Bellanca	15 days	9/17/2020	10/7/2020
427	Paving-New 98th Bellanca	10 days	10/8/2020	10/21/2020
428	Finishes-New 98th Bellanca	20 days	10/22/2020	11/18/2020
429	New 98th St - Aviation Blvd to La Cienega (3,000 ft)	185 days	6/27/2019	3/11/2020
430	Demo, Utility Relocation, Site Prep-New 98th Aviation	75 days	6/27/2019	10/9/2019
431	Demo Hauling-New 98th Aviation	75 days	6/27/2019	10/9/2019
432	Paving-New 98th Aviation	15 days	10/10/2019	10/30/2019
433	Finishes-New 98th Aviation	95 days	10/31/2019	3/11/2020
434	New Concourse Way - Century Blvd to New 98th St (500 ft)	50 days	6/27/2019	9/4/2019
435	Demo, Utility Relocation, Site Prep-New Concourse Way	15 days	6/27/2019	7/17/2019

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436	Demo Hauling-New Concourse Way	15 days	6/27/2019	7/17/2019
437	Paving-New Concourse Way	10 days	7/18/2019	7/31/2019
438	Finishes-New Concourse Way	25 days	8/1/2019	9/4/2019
439	Phase 1 Roadway Improvements	1608 days	5/21/2018	7/17/2024
440	Airport Blvd - West 98th St to West Arbor Vitae St (add 1 lane, widen 1,490 & 320 ft)	94 days	3/8/2024	7/17/2024
441	Demo, Utility Relocation, Site Prep-Airport Blvd/W 98th	35 days	3/8/2024	4/25/2024
442	Demo Hauling-Airport Blvd/W 98th	35 days	3/8/2024	4/25/2024
443	Paving-Airport Blvd/W 98th	12 days	4/26/2024	5/13/2024
444	Finishes-Airport Blvd/W 98th	45 days	5/16/2024	7/17/2024
445	West Arbor Vitae St - Airport Blvd to Aviation Blvd (add 1 lane 2,090 ft)	90 days	2/5/2020	6/9/2020
446	Demo, Utility Relocation, Site Prep-W Arbor Vitae/Aviation	35 days	2/5/2020	3/24/2020
447	Demo Hauling-W Arbor Vitae/Aviation	35 days	2/5/2020	3/24/2020
448	Paving-W Arbor Vitae/Aviation	10 days	3/25/2020	4/7/2020
449	Finishes-W Arbor Vitae/Aviation	45 days	4/8/2020	6/9/2020
450	West Arbor Vitae St - Aviation Blvd to La Cienega Blvd (add 1 lane 2,000 ft)	71 days	1/20/2021	4/28/2021
451	Demo, Utility Relocation, Site Prep-W Arbor Vitae/La Cienega	25 days	1/20/2021	2/23/2021
452	Demo Hauling-W Arbor Vitae/La Cienega	25 days	1/20/2021	2/23/2021
453	Paving-W Arbor Vitae/La Cienega	10 days	2/24/2021	3/9/2021
454	Finishes-W Arbor Vitae/La Cienega	36 days	3/10/2021	4/28/2021
455	West 96th St - Airport Blvd to Bellanca Ave. (widen 1,800 ft)	66 days	6/3/2019	9/2/2019
456	Demo, Utility Relocation, Site Prep-Widen W 96th	25 days	6/3/2019	7/5/2019
457	Demo Hauling-Widen W 96th	25 days	6/3/2019	7/5/2019
458	Paving-Widen W 96th	7 days	7/8/2019	7/16/2019
459	Finishes-Widen W 96th	32 days	7/19/2019	9/2/2019
460	West 98th St - New "A" St to Aviation Blvd (add 1 lanes 1800 ft)	67 days	7/2/2020	10/2/2020
461	Demo, Utility Relocation, Site Prep-W.98th to New "A"	25 days	7/2/2020	8/5/2020
462	Demo Hauling-W.98th to New "A"	25 days	7/2/2020	8/5/2020
463	Paving-W.98th to New "A"	10 days	8/6/2020	8/19/2020
464	Finishes-W.98th to New "A"	32 days	8/20/2020	10/2/2020
465	Century Blvd-New 'A' St. to Aviation Blvd (add 1 lane 4,050 ft)	164 days	10/13/2021	5/30/2022
466	Demo, Utility Relocation, Site Prep-Century to New "A"	70 days	10/13/2021	1/18/2022
467	Demo Hauling-Century to New "A"	70 days	10/13/2021	1/18/2022
468	Paving-Century to New "A"	30 days	1/19/2022	3/1/2022
469	Finishes-Century to New "A"	64 days	3/2/2022	5/30/2022
470	Aviation Blvd - New 98th St to West Arbor (add 1 lane 2,200 ft)	104 days	5/27/2021	10/19/2021
471	Demo, Utility Relocation, Site Prep-Aviation 98th to W.Arbor	50 days	5/27/2021	8/4/2021
472	Demo Hauling-Aviation 98th to W.Arbor	50 days	5/27/2021	8/4/2021
473	Paving-Aviation 98th to W.Arbor	14 days	8/5/2021	8/24/2021
474	Finishes-Aviation 98th to W.Arbor	40 days	8/25/2021	10/19/2021
475	Aviation Blvd - Century Blvd to New 98th St (add 1 lane 630 ft)	104 days	5/12/2022	10/4/2022
476	Demo, Utility Relocation, Site Prep-Aviation Century to 98th	50 days	5/12/2022	7/20/2022
477	Demo Hauling-Aviation Century to 98th	50 days	5/12/2022	7/20/2022
478	Paving-Aviation Century to 98th	14 days	7/21/2022	8/9/2022
479	Finishes-Aviation Century to 98th	40 days	8/10/2022	10/4/2022
480	La Cienega Blvd - Century Blvd to W. Arbor (add 1 lane 2,200 ft)	104 days	3/18/2022	8/10/2022
481	Demo, Utility Relocation, Site Prep-La Cienga	50 days	3/18/2022	5/26/2022
482	Demo Hauling-La Cienga	50 days	3/18/2022	5/26/2022
483	Paving-La Cienga	14 days	5/27/2022	6/15/2022
484	Finishes-La Cienga	40 days	6/16/2022	8/10/2022
485	I-405 Ramp Improvements to La Cienga Blvd	90 days	3/18/2022	7/21/2022
486	Demo, Utility Relocation, Site Prep-I-405 Ramps	40 days	3/18/2022	5/12/2022
487	Demo Hauling-I-405 Ramps	40 days	3/18/2022	5/12/2022
488	Paving-I-405 Ramps	20 days	5/13/2022	6/9/2022
489	Finishes-I-405 Ramps	30 days	6/10/2022	7/21/2022
490	Demo Sky Way & Improve Sepulveda Blvd (SB) Ramps to CTA(1600 & 2300 ft)	195 days	5/21/2018	2/15/2019
491	Utility Relocation, Site Prep- Sepulveda SB Ramps to CTA	40 days	5/21/2018	7/13/2018
492	Demo Hauling-Sepulveda SB Ramps to CTA	40 days	5/21/2018	7/13/2018
493	Construct/Pave Ramps-Sepulveda SB Ramps to CTA	10 days	7/16/2018	7/27/2018
494	Finishes-Sepulveda SB Ramps to CTA	48 days	7/30/2018	10/3/2018
495	Demo Sky Way	97 days	10/4/2018	2/15/2019
498	Sepulveda Blvd - Sepulveda Tunnel to W. 96th (3,700 ft)	570 days	12/9/2024	2/12/2027
499	Utility Relocation, Site Prep-Sepulveda Tunnel to W. 96th	45 days	12/9/2024	2/7/2025
500	Demo Hauling-Sepulveda Tunnel to W. 96th	45 days	12/9/2024	2/7/2025
501	Construct/Pave New Ramps-Sepulveda Tunnel to W. 96th	24 mons	2/10/2025	12/11/2026
502	Finishes-Sepulveda Tunnel to W. 96th	45 days	12/14/2026	2/12/2027
503	Sepulveda Blvd - Century to W. 96th St (1,800 ft)	41 days	2/15/2027	4/12/2027
504	Demo Ramps, Utility Relocation, Site Prep-Sepulveda-Century to W. 96th	39 days	2/15/2027	4/8/2027
505	Demo Hauling-Sepulveda-Century to W. 96th	39 days	2/15/2027	4/8/2027

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Project #	Project Description	Duration	Start	Finish
506	Construct/Pave New Ramps-Sepulveda-Century to W. 96th	15 days	2/15/2027	3/5/2027
507	Finishes-Sepulveda-Century to W. 96th	26 days	3/8/2027	4/12/2027
509	Office Space	520 days	10/27/2025	10/22/2027
510	Demo, Utility Relocation, Site Prep-Office Space	8 mons	10/27/2025	6/5/2026
511	Demo Hauling-Office Space	4 mons	10/27/2025	2/13/2026
512	Construct 300,000 sf Office Space	9 mons	6/8/2026	2/12/2027
513	Finishes-Office Space	9 mons	2/15/2027	10/22/2027
514	Hotel - 400 rooms	580 days	3/17/2025	6/4/2027
515	Demo, Utility Relocation, Site Prep-Hotel	8 mons	3/17/2025	10/24/2025
516	Demo Hauling-Hotel	4 mons	3/17/2025	7/4/2025
517	Construct 400 Room Hotel	12 mons	10/27/2025	9/25/2026
518	Finishes-Hotel	12 mons	7/6/2026	6/4/2027
519	Conference Center	520 days	3/17/2025	3/12/2027
520	Demo, Utility Relocation, Site Prep-Conference Center	8 mons	3/17/2025	10/24/2025
521	Demo Hauling-Conference Center	4 mons	3/17/2025	7/4/2025
522	Construct Conference Center	9 mons	10/27/2025	7/3/2026
523	Finishes-Conference Center	9 mons	7/6/2026	3/12/2027
524	Restaurant /Bars	520 days	10/27/2025	10/22/2027
525	Demo, Utility Relocation, Site Prep-Restaurant /Bars	8 mons	10/27/2025	6/5/2026
526	Demo Hauling-Restaurant /Bars	4 mons	10/27/2025	2/13/2026
527	Construct Restaurant/Bars	9 mons	6/8/2026	2/12/2027
528	Finishes-Restaurant /Bars	9 mons	2/15/2027	10/22/2027
529	Food/Drugs Retail Space	520 days	6/8/2026	6/2/2028
530	Demo, Utility Relocation, Site Prep-Food/Drugs Retail Space	8 mons	6/8/2026	1/15/2027
531	Demo Hauling-Food/Drugs Retail Space	4 mons	6/8/2026	9/25/2026
532	Construct Food/Drug Retail Space	9 mons	1/18/2027	9/24/2027
533	Finishes-Food/Drugs Retail Space	9 mons	9/27/2027	6/2/2028
534	Personal Care/Services	520 days	1/18/2027	1/12/2029
535	Demo, Utility Relocation, Site Prep-Personal Care/Services	8 mons	1/18/2027	8/27/2027
536	Demo Hauling-Personal Care/Services	4 mons	1/18/2027	5/7/2027
537	Construct Personal Care/Services Retail Space	9 mons	8/30/2027	5/5/2028
538	Finishes-Personal Care/Services	9 mons	5/8/2028	1/12/2029
539	Clothing Retail Space	520 days	8/30/2027	8/24/2029
540	Demo, Utility Relocation, Site Prep-Clothing Retail Space	8 mons	8/30/2027	4/7/2028
541	Demo Hauling-Clothing Retail Space	4 mons	8/30/2027	12/17/2027
542	Construct Clothing Retail Space	9 mons	4/10/2028	12/15/2028
543	Finishes-Clothing Retail Space	9 mons	12/18/2028	8/24/2029
544	Other Development	520 days	4/10/2028	4/5/2030
545	Demo, Utility Relocation, Site Prep-Other Development	8 mons	4/10/2028	11/17/2028
546	Demo Hauling-Other Development	4 mons	4/10/2028	7/28/2028
547	Construct Other Development	9 mons	11/20/2028	7/27/2029
548	Finishes-Other Development	9 mons	7/30/2029	4/5/2030

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Project Component Data

Project #	LAX LAMP Project Construction Components	Area of Site (sqft)	Demo Volume (cy)	Pave Area (sqft)	Demolition Hauling	Concrete Deliveries	Excavation Hauls	Base Stone Hauls	Asphalt Hauls	Material Delivery
5	Commercial Vehicle Holding Lot E	60400	1850	43200	185	0	150	160	80	50
12	Construct Temporary Metro Bus Terminal	25000	900	18900	90	0	75	70	35	20
21	Demolish Old Metro Bus Facility	84300	2000	0	200	0	0	0	0	0
30	Demolish LAWA-owned Properties on Belford Lot	100000	5000	0	500	0	0	0	0	0
39	Demolish Clifton Moore Administration Building	34200	6000	0	600	0	0	0	0	0
49	Demolish Bob Hope Hollywood USO	4000	4000	0	400	0	0	0	0	0
59	Demolition/Reconstruction Parking Garage P2B	64500	25000	0	2500	2800	0	0	0	800
70	Demolition/Reconstruction Parking Garage P2A	77600	28000	0	2800	3200	0	0	0	1000
80	Demolition/Reconstruction Parking Garage P5	69200	38000	0	3800	5100	0	0	0	2000
90	Restaurant Building Demolition	5100	3000	0	300	0	0	0	0	0
99	New Delta Hangar Complex	0	0	0	0	0	0	0	0	0
109	Demolish Delta Hangar Complex	182500	60000	0	6000	0	0	0	0	0
118	Demolish Reliant Medical Center	30600	10000	0	1000	0	0	0	0	0
128	APM Guideway	0	0	0	0	13500	0	0	0	8500
176	West CTA APM Station	103400	0	0	0	6100	0	0	0	3500
191	Center CTA Station	10350	0	0	0	325	0	0	0	150
198	East CTA Station	10350	0	0	0	325	0	0	0	150
205	CTA APM Pedestrian Walkways	77500	0	0	0	800	0	0	0	500
212	Vertical Circulation Cores	0	0	0	0	0	0	0	0	400
221	Maintenance and Storage Facility	348480	0	0	0	2600	0	0	0	800
231	CTA Processor Power Station	3000	0	0	0	75	0	0	0	250
238	CTA West Processor Power Station	3000	0	0	0	75	0	0	0	250
245	CTA East Processor Power Station	3000	0	0	0	75	0	0	0	250
253	APM Station at ITF West	11250	0	0	0	360	0	0	0	175
258	Western Public Parking Garage ITF-W	289050	0	0	0	14000	0	0	0	2000
278	Eastern Public Parking Garage ITF-W	289050	0	0	0	16700	0	0	0	4000
299	APM Station at ITF East	13500	0	0	0	14000	0	0	0	2000
304	ITF-E Public Parking Garage	707600	0	0	0	29500	0	0	0	8000
325	Short Term Layover Parking	100000	0	0	0	0	0	0	0	0
347	ConRAC APM Station	33000	0	0	0	0	0	0	0	300
351	ConRAC Customer Service Building	160000	0	0	0	0	0	0	0	1500
335	Rental Car Ready/Return Parking Area	2400000	0	0	0	23600	0	0	0	6000
370	Quick Turnaround Area (QTA)	684400	0	0	0	10800	0	0	0	4000
358	Idle Storage Area	2206000	0	0	0	28500	0	0	0	7000
380	QTA Support and Additional Site Functions	185200	0	0	0	475	0	0	0	100
389	Employee Parking Area	330600	0	0	0	0	0	0	0	5
399	New 'A' St - W 96th to Century Blvd	0	300	40500	30	0	20	30	75	15
404	New 'A' St - W. Century to Westchester Pkwy/ W. Arbor Vitae St	160000	900	108000	90	0	40	90	200	50
409	New 'B' St - New 'A' St to Airport Blvd	170000	950	124200	95	0	40	95	230	55
414	New 'C' St - Imperial Hwy and W. 111th St	76800	350	51300	35	0	20	35	95	25
419	New 'D' St - W. 96th St to W. Arbor Vitae St	70400	400	54000	40	0	20	40	100	15
424	New 98th St - Bellanca Ave to La Cienega	270000	180	24840	18	0	10	40	46	15
429	New 98th St - Aviation Blvd to La Cienega	270000	1450	197100	145	0	75	40	365	75
434	New Concourse Way - Century Blvd to New 98th St	45000	250	197100	25	0	25	60	365	15
440	Airport Blvd - West 98th St to West Arbor Vitae St	171945	4000	126900	400	0	250	465	235	100
445	West Arbor Vitae St - Airport Blvd to Aviation Blvd	248400	6750	180900	675	0	350	675	335	150
450	West Arbor Vitae St - Aviation Blvd to La Cienega Blvd	214002	3000	156600	300	0	250	580	290	135
455	West 96th St - Airport Blvd to Bellanca Ave.	72000	1000	54000	100	0	50	195	100	65
460	West 98th St - New "A" St to Aviation Blvd	144000	2000	108000	200	0	100	390	200	100
465	Century Blvd-New 'A' St. to Aviation Blvd	486000	6600	356400	660	0	300	1320	660	125
470	Aviation Blvd - New 98th St to West Arbor	143000	3900	105300	390	0	100	390	195	45
475	Aviation Blvd - Century Blvd to New 98th St	140787	3800	102600	380	0	100	380	190	40
480	La Cienega Blvd - Century Blvd to W. Arbor	136395	3700	99900	370	0	100	370	185	40
485	I-405 Ramp Improvements to La Cienega Blvd	27200	750	18900	75	0	30	75	35	20
490	Demo Sky Way & Improve Sepulveda Blvd (SB) Ramps to CTA	93600	2500	67500	250	0	70	250	125	20
498	Sepulveda Blvd - Sepulveda Tunnel to W. 96th	93600	2500	67500	250	0	70	250	125	20
503	Sepulveda Blvd - Century to W. 96th St	216000	5800	156600	580	0	175	580	290	50
509	Office Space	300000	0	43200	0	0	0	160	80	10000
514	Hotel - 400 rooms	300000	0	43200	0	0	0	160	80	10000
519	Conference Center	100000	0	13500	0	0	0	55	25	3000
524	Restaurant/Bars	65000	0	9720	0	0	0	35	18	1500
529	Food/Drugs Retail Space	35000	0	5400	0	0	0	19	10	900
534	Personal Care/Services	25000	0	3780	0	0	0	14	7	700
539	Clothing Retail Space	40000	0	5940	0	0	0	22	11	800
544	Other Development	35000	0	5400	0	0	0	19	10	900

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Equipment Data

**Off-Road/On-Site Equipment**

ID	Backup EPA Tier	Equipment ID	Equipment Model	On/Off Road	Fuel Type	HP	Load Factor	Usage Factor	OFFROAD2007 Category	OFFROAD2011 Category	OFFROAD 07 HP Bin	OFFROAD 11 HP Bin	EPA HP Bin
Tier 2		Backhoe (CAT 416)	CAT 416	Off-Road, On-Site Equipment	DSL	80	0.369	0.83	Tractors_Loaders_Backhoes	Tractors_Loaders_Backhoes	120	120	99
Tier 2		Bobcat S650	S650	Off-Road, On-Site Equipment	DSL	75	0.369	0.83	Tractors_Loaders_Backhoes	Tractors_Loaders_Backhoes	120	120	99
Tier 2		Compactor (CAT 815)	CAT 815	Off-Road, On-Site Equipment	DSL	255	0.302	0.83	Surfacing_Equipment	Other_Construction_Equipment	500	500	299
Tier 2		Compactor (CAT 825)	CAT 825	Off-Road, On-Site Equipment	DSL	255	0.302	0.83	Surfacing_Equipment	Other_Construction_Equipment	500	500	299
Tier 2		Roller (CAT CB564D)	CAT CB564D	Off-Road, On-Site Equipment	DSL	100	0.375	0.83	Rollers	Rollers	120	120	174
Tier 2		Roller (Hamm 3520 single)	Hamm 3520 single	Off-Road, On-Site Equipment	DSL	200	0.375	0.83	Rollers	Rollers	250	250	299
Tier 2		Crane (Terex Explorer 5600)	Terex Explorer 5600	Off-Road, On-Site Equipment	DSL	550	0.288	0.83	Cranes	Cranes	750	750	600
Tier 2		Curb Paver (Gomaco Comm. III)	Gomaco Comm. III	Off-Road, On-Site Equipment	DSL	175	0.415	0.83	Pavers	Pavers	175	175	299
Tier 2		Dozer (CAT D6)	CAT D6	Off-Road, On-Site Equipment	DSL	250	0.369	0.83	Tractors_Loaders_Backhoes	Tractors_Loaders_Backhoes	250	250	299
Tier 2		Excavator (CAT 385)	CAT 385	Off-Road, On-Site Equipment	DSL	515	0.382	0.83	Excavators	Excavators	750	750	600
Tier 2		Generators (400A)	N/A	Off-Road, On-Site Equipment	DSL	5	0.740	0.83	Generator_Sets	Other_Construction_Equipment	15	50	99
Tier 2		Grader (CAT 12)	CAT 12	Off-Road, On-Site Equipment	DSL	135	0.409	0.83	Graders	Graders	175	175	174
Tier 2		Grader (CAT 14)	CAT 14	Off-Road, On-Site Equipment	DSL	135	0.409	0.83	Graders	Graders	175	175	174
Tier 2		Hand Paint Cart	N/A	Off-Road, On-Site Equipment	DSL	24	0.415	0.83	Other_Construction_Equipment	Other_Construction_Equipment	25	50	99
Tier 2		Loader (CAT 914G)	CAT 914G	Off-Road, On-Site Equipment	DSL	100	0.362	0.83	Rubber_Tired_Loaders	Rubber_Tired_Loaders	120	120	174
Tier 2		Milling Machine (CAT PM-200)	CAT PM-200	Off-Road, On-Site Equipment	DSL	575	0.415	0.83	Other_Construction_Equipment	Other_Construction_Equipment	500	750	600
Tier 2		Paving Machine (CAT AP1055)	CAT AP1055	Off-Road, On-Site Equipment	DSL	225	0.415	0.83	Pavers	Pavers	250	250	299
Tier 2		Pier Drill (150TN crane)	N/A	Off-Road, On-Site Equipment	DSL	550	0.288	0.83	Cranes	Cranes	750	750	600
Tier 2		Portable Generator (4000W)	N/A	Off-Road, On-Site Equipment	DSL	8	0.740	0.83	Generator_Sets	Other_Construction_Equipment	15	50	99
Tier 2		Rail Machine	N/A	Off-Road, On-Site Equipment	DSL	660	0.415	0.83	Other_Construction_Equipment	Other_Construction_Equipment	500	750	600
Tier 2		Rubber-Tire Crane (Terex AC100)	Terex AC100	Off-Road, On-Site Equipment	DSL	465	0.288	0.83	Cranes	Cranes	500	500	600
Tier 2		Scissor Lift (JLG 2630ES)	JLG 2630ES	Off-Road, On-Site Equipment	ELEC	0	0.308	0.00	Aerial_Lifts	Aerial_Lifts	15	50	99
Tier 2		Small Tandem Compactor (CB24B)	CB24B	Off-Road, On-Site Equipment	DSL	35	0.302	0.83	Surfacing_Equipment	Other_Construction_Equipment	50	50	99
Tier 2		Trackhoe (PC200)	PC200	Off-Road, On-Site Equipment	DSL	155	0.382	0.83	Excavators	Excavators	175	175	174
Tier 2		Trencher (CAT T9)	CAT T9	Off-Road, On-Site Equipment	N/A	125	0.503	0.00	Trenchers	Trenchers	175	175	174

**On-Road/On-Site Equipment**

ID	Description	Equipment ID	EMFAC Category	On/Off Road	Fuel Type	HP	Max Daily Hrs	Usage Factor
	Pickup Truck (F250)		LHD2	On-Road, On-Site Trucks	GAS	385	4	0.25
	Boom Truck		T7 Single Construction	On-Road, On-Site Trucks	DSL	275	6	0.25
	Concrete Delivery Truck		T7 Single Construction	On-Road, On-Site Trucks	DSL	350	6	0.25
	Concrete Haul Truck (Mack MHD)		T7 Single Construction	On-Road, On-Site Trucks	DSL	345	8	0.25
	Concrete Pump Truck		T7 Single Construction	On-Road, On-Site Trucks	DSL	400	6	0.25
	Concrete Truck (Terex FD4000)		T7 Single Construction	On-Road, On-Site Trucks	DSL	425	6	0.25
	Delivery Truck (semi)		T7 Single Construction	On-Road, On-Site Trucks	DSL	250	4	0.25
	Flat Bed Truck (1TN)		T7 Single Construction	On-Road, On-Site Trucks	DSL	250	4	0.25
	Forklift Boom Truck (G10-55A)		T7 Single Construction	On-Road, On-Site Trucks	DSL	125	10	0.25
	Form Truck (Mack Granite)		T7 Single Construction	On-Road, On-Site Trucks	DSL	405	3	0.25
	Haul Truck (Mack Granite)		T7 Single Construction	On-Road, On-Site Trucks	DSL	405	4	0.25
	Haul Truck (Mack Med. Duty)		T7 Single Construction	On-Road, On-Site Trucks	DSL	345	6	0.25
	Haul Truck (semi)		T7 Single Construction	On-Road, On-Site Trucks	DSL	250	10	0.25
	Mechanic Truck (1TN)		T7 Single Construction	On-Road, On-Site Trucks	DSL	405	6	0.25
	Mechanic Truck (2TN)		T7 Single Construction	On-Road, On-Site Trucks	DSL	300	3	0.25
	Precast Delivery Truck (semi)		T7 Single Construction	On-Road, On-Site Trucks	DSL	300	2	0.25
	Pump Truck		T7 Single Construction	On-Road, On-Site Trucks	DSL	425	6	0.25
	Rail Delivery Truck		T7 Single Construction	On-Road, On-Site Trucks	DSL	350	10	0.25
	Seed Truck		T7 Single Construction	On-Road, On-Site Trucks	DSL	350	10	0.25
	Steel Delivery Truck		T7 Single Construction	On-Road, On-Site Trucks	DSL	250	4	0.25
	Stone Haul Truck (Mack Med. Duty)		T7 Single Construction	On-Road, On-Site Trucks	DSL	345	6	0.25
	Striping Truck (2.5TN)		T7 Single Construction	On-Road, On-Site Trucks	DSL	350	6	0.25
	Water Truck (2.5TN)		T7 Single Construction	On-Road, On-Site Trucks	DSL	300	2	0.25
	Work Truck (2.5TN)		T7 Single Construction	On-Road, On-Site Trucks	DSL	300	6	0.25
	Man Lift (Versalift VO-355-MHI)		T7 Single Construction	On-Road, On-Site Trucks	DSL	300	10	0.25

**On-Road/Off-Site Equipment**

ID	Description	Equipment ID	EMFAC Category	On/Off Road	Fuel Type	HP	Usage Factor
	Worker Trips	Employee_Vehicles	LDA&LDT1&LDT2	On-Road, Off-Site Workers	GAS		1.00
	Material Deliveries	Material_Delivery	T7 Single Construction	On-Road, Off-Site Deliveries	DSL	250	0.83
	Concrete Deliveries	Concrete_Delivery	T7 Single Construction	On-Road, Off-Site Deliveries	DSL	350	0.83
	Base Material Deliveries	Base_Delivery	T7 Single Construction	On-Road, Off-Site Deliveries	DSL	450	0.83
	Asphalt Deliveries	Asphalt_Delivery	T7 Single Construction	On-Road, Off-Site Deliveries	DSL	450	0.83
	Demolition Hauling	Demolition_Hauling	T7 Single Construction	On-Road, Off-Site Deliveries	DSL	450	0.83

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Pollutants – CO Emission Factors
  - Without Mitigation
  - With Mitigation

**OFFROAD2007**

Equipment ID	CO Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Backhoe (CAT 416)	0.2041	0.2031	0.2022	0.2015	0.2010	0.2007	0.2005	0.2004	0.2003	0.2002	0.2001	0.2000	0.2000	0.2000
Bobcat S650	0.1913	0.1904	0.1896	0.1889	0.1885	0.1882	0.1880	0.1879	0.1878	0.1877	0.1876	0.1875	0.1875	0.1875
Compactor (CAT 815)	0.1892	0.1821	0.1759	0.1707	0.1661	0.1621	0.1587	0.1556	0.1530	0.1507	0.1489	0.1474	0.1462	0.1452
Compactor (CAT 825)	0.1892	0.1821	0.1759	0.1707	0.1661	0.1621	0.1587	0.1556	0.1530	0.1507	0.1489	0.1474	0.1462	0.1452
Roller (CAT CB564D)	0.2612	0.2595	0.2579	0.2564	0.2550	0.2538	0.2528	0.2520	0.2514	0.2509	0.2506	0.2503	0.2501	0.2499
Roller (Hamm 3520 single)	0.1719	0.1684	0.1655	0.1630	0.1609	0.1589	0.1573	0.1559	0.1547	0.1537	0.1528	0.1521	0.1515	0.1510
Crane (Terex Explorer 5600)	0.3874	0.3732	0.3610	0.3507	0.3424	0.3355	0.3301	0.3261	0.3233	0.3214	0.3196	0.3182	0.3171	0.3163
Curb Paver (Gomaco Comm. III)	0.4511	0.4499	0.4489	0.4479	0.4471	0.4464	0.4457	0.4451	0.4445	0.4440	0.4435	0.4431	0.4427	0.4424
Dozer (CAT D6)	0.1956	0.1942	0.1930	0.1920	0.1912	0.1905	0.1900	0.1895	0.1891	0.1887	0.1885	0.1883	0.1881	0.1881
Excavator (CAT 385)	0.4164	0.4099	0.4050	0.4014	0.3990	0.3972	0.3957	0.3944	0.3934	0.3927	0.3922	0.3919	0.3919	0.3919
Generators (400A)	0.0241	0.0240	0.0239	0.0238	0.0238	0.0237	0.0237	0.0236	0.0236	0.0236	0.0235	0.0235	0.0235	0.0235
Grader (CAT 12)	0.3382	0.3378	0.3375	0.3372	0.3369	0.3367	0.3364	0.3362	0.3360	0.3359	0.3359	0.3358	0.3358	0.3358
Grader (CAT 14)	0.3382	0.3378	0.3375	0.3372	0.3369	0.3367	0.3364	0.3362	0.3360	0.3359	0.3359	0.3358	0.3358	0.3358
Hand Paint Cart	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427
Loader (CAT 914G)	0.2582	0.2567	0.2553	0.2541	0.2530	0.2520	0.2511	0.2505	0.2500	0.2496	0.2494	0.2492	0.2490	0.2489
Milling Machine (CAT PM-200)	0.4683	0.4630	0.4594	0.4567	0.4545	0.4528	0.4516	0.4506	0.4500	0.4497	0.4497	0.4497	0.4498	0.4498
Paving Machine (CAT AP1055)	0.2581	0.2495	0.2419	0.2353	0.2296	0.2249	0.2207	0.2172	0.2142	0.2116	0.2093	0.2072	0.2054	0.2038
Pier Drill (150TN crane)	0.3874	0.3732	0.3610	0.3507	0.3424	0.3355	0.3301	0.3261	0.3233	0.3214	0.3196	0.3182	0.3171	0.3163
Portable Generator (4000W)	0.0386	0.0384	0.0383	0.0382	0.0380	0.0379	0.0379	0.0378	0.0377	0.0377	0.0376	0.0376	0.0376	0.0376
Rail Machine	0.5375	0.5315	0.5273	0.5242	0.5217	0.5197	0.5183	0.5172	0.5165	0.5162	0.5161	0.5162	0.5163	0.5163
Rubber-Tire Crane (Terex AC100)	0.3275	0.3155	0.3052	0.2965	0.2895	0.2836	0.2791	0.2757	0.2734	0.2717	0.2702	0.2691	0.2681	0.2674
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.0991	0.0969	0.0948	0.0929	0.0912	0.0896	0.0882	0.0870	0.0859	0.0851	0.0844	0.0838	0.0834	0.0830
Trackhoe (PC200)	0.3644	0.3641	0.3639	0.3639	0.3639	0.3640	0.3640	0.3641	0.3641	0.3641	0.3641	0.3642	0.3642	0.3642
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

**EMFAC2014**

Equipment ID	CO Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pickup Truck (F250)	0.0206	0.0182	0.0162	0.0144	0.0130	0.0118	0.0109	0.0103	0.0098	0.0094	0.0090	0.0087	0.0085	0.0083
Boom Truck	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Concrete Delivery Truck	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Concrete Haul Truck (Mack MHD)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Concrete Pump Truck	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Concrete Truck (Terex FD4000)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Delivery Truck (semi)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Flat Bed Truck (1TN)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Forklift Boom Truck (G10-55A)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Form Truck (Mack Granite)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Haul Truck (Mack Granite)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Haul Truck (Mack Med. Duty)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Haul Truck (semi)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Mechanic Truck (1TN)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Mechanic Truck (2TN)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Precast Delivery Truck (semi)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Pump Truck	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Rail Delivery Truck	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Seed Truck	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Steel Delivery Truck	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Stone Haul Truck (Mack Med. Duty)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Striping Truck (2.5TN)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Water Truck (2.5TN)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Work Truck (2.5TN)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135
Man Lift (Versalift VO-355-MHI)	0.0202	0.0165	0.0161	0.0143	0.0144	0.0145	0.0130	0.0131	0.0132	0.0133	0.0133	0.0134	0.0135	0.0135

**EMFAC2014**

Equipment ID	CO Emission Factors (lb/mi)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Employee_Vehicles	0.0036	0.0031	0.0028	0.0026	0.0024	0.0022	0.0020	0.0019	0.0018	0.0016	0.0015	0.0015	0.0014	0.0013
Material_Delivery	0.0015	0.0011	0.0010	0.0008	0.0008	0.0008	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
Concrete_Delivery	0.0015	0.0011	0.0011	0.0008	0.0008	0.0008	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
Base_Delivery	0.0015	0.0011	0.0010	0.0008	0.0008	0.0008	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
Asphalt_Delivery	0.0015	0.0011	0.0010	0.0008	0.0008	0.0008	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
Demolition_Hauling	0.0015	0.0011	0.0011	0.0008	0.0008	0.0008	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007

OFFROAD2007

Equipment ID	CO Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Backhoe (CAT 416)	0.1600	0.1592	0.1585	0.1580	0.1576	0.1574	0.1572	0.1571	0.1570	0.1569	0.1569	0.1568	0.1568	0.1568
Bobcat S650	0.1500	0.1493	0.1486	0.1481	0.1478	0.1475	0.1474	0.1473	0.1472	0.1471	0.1471	0.1470	0.1470	0.1470
Compactor (CAT 815)	0.1484	0.1427	0.1379	0.1338	0.1302	0.1271	0.1244	0.1220	0.1199	0.1182	0.1167	0.1155	0.1146	0.1139
Compactor (CAT 825)	0.1484	0.1427	0.1379	0.1338	0.1302	0.1271	0.1244	0.1220	0.1199	0.1182	0.1167	0.1155	0.1146	0.1139
Roller (CAT CB564D)	0.2048	0.2035	0.2022	0.2010	0.1999	0.1989	0.1982	0.1975	0.1971	0.1967	0.1965	0.1963	0.1961	0.1959
Roller (Hamm 3520 single)	0.1348	0.1320	0.1298	0.1278	0.1261	0.1246	0.1233	0.1222	0.1213	0.1205	0.1198	0.1193	0.1188	0.1184
Crane (Terex Explorer 5600)	0.3037	0.2926	0.2830	0.2750	0.2684	0.2630	0.2588	0.2557	0.2535	0.2519	0.2506	0.2495	0.2486	0.2480
Curb Paver (Gomaco Comm. III)	0.3537	0.3527	0.3519	0.3512	0.3505	0.3500	0.3494	0.3489	0.3485	0.3481	0.3477	0.3474	0.3471	0.3468
Dozer (CAT D6)	0.1533	0.1522	0.1513	0.1505	0.1499	0.1494	0.1489	0.1486	0.1482	0.1480	0.1478	0.1476	0.1475	0.1475
Excavator (CAT 385)	0.3264	0.3214	0.3175	0.3147	0.3128	0.3114	0.3102	0.3092	0.3084	0.3078	0.3075	0.3073	0.3072	0.3072
Generators (400A)	0.0189	0.0188	0.0188	0.0187	0.0186	0.0186	0.0186	0.0185	0.0185	0.0185	0.0184	0.0184	0.0184	0.0184
Grader (CAT 12)	0.2651	0.2649	0.2646	0.2644	0.2642	0.2640	0.2638	0.2636	0.2635	0.2634	0.2633	0.2633	0.2633	0.2633
Grader (CAT 14)	0.2651	0.2649	0.2646	0.2644	0.2642	0.2640	0.2638	0.2636	0.2635	0.2634	0.2633	0.2633	0.2633	0.2633
Hand Paint Cart	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335
Loader (CAT 914G)	0.2024	0.2012	0.2002	0.1992	0.1983	0.1975	0.1969	0.1964	0.1960	0.1957	0.1955	0.1954	0.1952	0.1951
Milling Machine (CAT PM-200)	0.3671	0.3630	0.3601	0.3580	0.3564	0.3550	0.3540	0.3533	0.3528	0.3526	0.3525	0.3525	0.3525	0.3525
Paving Machine (CAT AP1055)	0.2023	0.1956	0.1897	0.1845	0.1800	0.1763	0.1731	0.1703	0.1679	0.1659	0.1641	0.1625	0.1610	0.1598
Pier Drill (150TN crane)	0.3037	0.2926	0.2830	0.2750	0.2684	0.2630	0.2588	0.2557	0.2535	0.2519	0.2506	0.2495	0.2486	0.2480
Portable Generator (4000W)	0.0303	0.0301	0.0300	0.0299	0.0298	0.0297	0.0297	0.0296	0.0296	0.0295	0.0295	0.0295	0.0295	0.0295
Rail Machine	0.4214	0.4167	0.4134	0.4110	0.4090	0.4075	0.4064	0.4055	0.4050	0.4047	0.4047	0.4047	0.4047	0.4048
Rubber-Tire Crane (Terex AC100)	0.2568	0.2474	0.2393	0.2325	0.2269	0.2224	0.2188	0.2161	0.2143	0.2130	0.2119	0.2109	0.2102	0.2097
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.0777	0.0760	0.0744	0.0729	0.0715	0.0703	0.0691	0.0682	0.0674	0.0667	0.0662	0.0657	0.0654	0.0650
Trackhoe (PC200)	0.2857	0.2854	0.2853	0.2853	0.2853	0.2854	0.2854	0.2854	0.2854	0.2854	0.2855	0.2855	0.2855	0.2855
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	CO Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pickup Truck (F250)	0.0206	0.0182	0.0162	0.0144	0.0130	0.0118	0.0109	0.0103	0.0098	0.0094	0.0090	0.0087	0.0085	0.0083
Boom Truck	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Concrete Delivery Truck	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Concrete Haul Truck (Mack MHD)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Concrete Pump Truck	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Concrete Truck (Terex FD4000)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Delivery Truck (semi)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Flat Bed Truck (1TN)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Forklift Boom Truck (G10-55A)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Form Truck (Mack Granite)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Haul Truck (Mack Granite)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Haul Truck (Mack Med. Duty)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Haul Truck (semi)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Mechanic Truck (1TN)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Mechanic Truck (2TN)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Precast Delivery Truck (semi)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Pump Truck	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Rail Delivery Truck	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Seed Truck	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Steel Delivery Truck	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Stone Haul Truck (Mack Med. Duty)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Stripping Truck (2.5TN)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Water Truck (2.5TN)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Work Truck (2.5TN)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106
Man Lift (Versalift VO-355-MHI)	0.0158	0.0129	0.0126	0.0112	0.0113	0.0113	0.0102	0.0102	0.0103	0.0104	0.0105	0.0105	0.0106	0.0106

EMFAC2014

Equipment ID	CO Emission Factors (lb/mi)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Employee_Vehicles	0.0036	0.0031	0.0028	0.0026	0.0024	0.0022	0.0020	0.0019	0.0018	0.0016	0.0015	0.0015	0.0014	0.0013
Material_Delivery	0.0011	0.0008	0.0008	0.0006	0.0006	0.0006	0.0005	0.0005	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Concrete_Delivery	0.0012	0.0009	0.0008	0.0007	0.0007	0.0007	0.0005	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Base_Delivery	0.0011	0.0008	0.0008	0.0006	0.0006	0.0006	0.0005	0.0005	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Asphalt_Delivery	0.0011	0.0008	0.0008	0.0006	0.0006	0.0006	0.0005	0.0005	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Demolition_Hauling	0.0012	0.0009	0.0008	0.0007	0.0007	0.0007	0.0005	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Pollutants – CO<sub>2</sub>e Emission Factors
  - Without Mitigation
  - With Mitigation



OFFROAD2007

Equipment ID	CO2e Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Backhoe (CAT 416)	19.6545	19.6513	19.6485	19.6462	19.6443	19.6429	19.6418	19.6409	19.6401	19.6395	19.6390	19.6385	19.6381	19.6378
Bobcat S650	18.4261	18.4231	18.4205	18.4183	18.4166	18.4152	18.4142	18.4133	18.4126	18.4120	18.4115	18.4111	18.4107	18.4104
Compactor (CAT 815)	51.2200	51.2171	51.2145	51.2122	51.2100	51.2080	51.2062	51.2045	51.2029	51.2014	51.2002	51.1989	51.1978	51.1967
Compactor (CAT 825)	51.2200	51.2171	51.2145	51.2122	51.2100	51.2080	51.2062	51.2045	51.2029	51.2014	51.2002	51.1989	51.1978	51.1967
Roller (CAT CB564D)	25.0305	25.0260	25.0216	25.0174	25.0135	25.0100	25.0070	25.0044	25.0023	25.0006	24.9992	24.9979	24.9968	24.9958
Roller (Hamm 3520 single)	50.0027	49.9996	49.9966	49.9938	49.9911	49.9886	49.9863	49.9841	49.9821	49.9803	49.9786	49.9769	49.9755	49.9742
Crane (Terex Explorer 5600)	105.5981	105.5914	105.5847	105.5782	105.5721	105.5665	105.5614	105.5567	105.5523	105.5483	105.5445	105.5411	105.5380	105.5354
Curb Paver (Gomaco Comm. III)	48.4849	48.4793	48.4740	48.4688	48.4638	48.4589	48.4543	48.4499	48.4457	48.4418	48.4382	48.4350	48.4321	48.4296
Dozer (CAT D6)	61.3779	61.3741	61.3704	61.3671	61.3641	61.3614	61.3591	61.3570	61.3551	61.3535	61.3522	61.3511	61.3503	61.3498
Excavator (CAT 385)	131.0469	131.0384	131.0303	131.0231	131.0166	131.0109	131.0056	131.0008	130.9966	130.9930	130.9900	130.9878	130.9859	130.9846
Generators (400A)	2.4680	2.4679	2.4678	2.4677	2.4676	2.4675	2.4675	2.4675	2.4674	2.4674	2.4674	2.4674	2.4673	2.4673
Grader (CAT 12)	36.7848	36.7805	36.7764	36.7724	36.7688	36.7653	36.7622	36.7595	36.7571	36.7551	36.7534	36.7519	36.7506	36.7495
Grader (CAT 14)	36.7848	36.7805	36.7764	36.7724	36.7688	36.7653	36.7622	36.7595	36.7571	36.7551	36.7534	36.7519	36.7506	36.7495
Hand Paint Cart	6.6503	6.6503	6.6503	6.6503	6.6503	6.6503	6.6503	6.6503	6.6503	6.6503	6.6503	6.6503	6.6503	6.6503
Loader (CAT 914G)	24.1349	24.1306	24.1266	24.1229	24.1195	24.1165	24.1138	24.1116	24.1098	24.1083	24.1071	24.1061	24.1053	24.1045
Milling Machine (CAT PM-200)	159.1055	159.0985	159.0919	159.0856	159.0796	159.0740	159.0689	159.0641	159.0598	159.0561	159.0533	159.0511	159.0491	159.0480
Paving Machine (CAT AP1055)	62.3051	62.2997	62.2946	62.2899	62.2854	62.2814	62.2775	62.2740	62.2707	62.2677	62.2649	62.2624	62.2601	62.2580
Pier Drill (150TN crane)	105.5981	105.5914	105.5847	105.5782	105.5721	105.5665	105.5614	105.5567	105.5523	105.5483	105.5445	105.5411	105.5380	105.5354
Portable Generator (4000W)	3.9488	3.9486	3.9484	3.9482	3.9481	3.9480	3.9480	3.9479	3.9479	3.9478	3.9478	3.9478	3.9477	3.9477
Rail Machine	182.6255	182.6174	182.6099	182.6026	182.5958	182.5893	182.5834	182.5779	182.5730	182.5687	182.5655	182.5630	182.5607	182.5594
Rubber-Tire Crane (Terex AC100)	89.2777	89.2720	89.2664	89.2611	89.2561	89.2514	89.2471	89.2432	89.2396	89.2361	89.2329	89.2301	89.2275	89.2253
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	7.0560	7.0533	7.0507	7.0483	7.0461	7.0441	7.0422	7.0406	7.0392	7.0381	7.0372	7.0364	7.0358	7.0352
Trackhoe (PC200)	39.4558	39.4508	39.4463	39.4426	39.4395	39.4368	39.4344	39.4324	39.4304	39.4288	39.4273	39.4260	39.4249	39.4241
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	CO2e Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pickup Truck (F250)	9.3172	9.2481	9.1777	9.1114	9.0484	8.9887	8.9325	8.8806	8.8324	8.7883	8.7484	8.7129	8.6816	8.6538
Boom Truck	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Concrete Delivery Truck	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Concrete Haul Truck (Mack MHD)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Concrete Pump Truck	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Concrete Truck (Terex FD4000)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Delivery Truck (semi)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Flat Bed Truck (1TN)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Florklift Boom Truck (G10-55A)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Form Truck (Mack Granite)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Haul Truck (Mack Granite)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Haul Truck (Mack Med. Duty)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Haul Truck (semi)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Mechanic Truck (1TN)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Mechanic Truck (2TN)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Precast Delivery Truck (semi)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Pump Truck	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Rail Delivery Truck	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Seed Truck	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Steel Delivery Truck	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Stone Haul Truck (Mack Med. Duty)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Striping Truck (2.5TN)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Water Truck (2.5TN)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Work Truck (2.5TN)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608
Man Lift (Versalift VO-355-MHI)	14.2021	13.8484	13.6494	13.3891	13.1803	12.9674	12.7613	12.5678	12.3866	12.2163	12.0572	12.0257	11.9962	11.9608

EMFAC2014

Equipment ID	CO2e Emission Factors (lb/mi)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Employee_Vehicles	0.8114	0.7903	0.7664	0.7457	0.7249	0.7026	0.6802	0.6626	0.6403	0.6209	0.6035	0.5880	0.5740	0.5614
Material_Delivery	2.1017	2.0599	2.0244	1.9924	1.9657	1.9381	1.8433	1.8385	1.8317	1.8254	1.8190	1.8134	1.8082	1.8021
Concrete_Delivery	2.1380	2.0954	2.0593	2.0262	1.9990	1.9710	1.8738	1.8688	1.8619	1.8554	1.8489	1.8432	1.8379	1.8317
Base_Delivery	2.1017	2.0599	2.0244	1.9924	1.9657	1.9381	1.8433	1.8385	1.8317	1.8254	1.8190	1.8134	1.8082	1.8021
Asphalt_Delivery	2.1017	2.0599	2.0244	1.9924	1.9657	1.9381	1.8433	1.8385	1.8317	1.8254	1.8190	1.8134	1.8082	1.8021
Demolition_Hauling	2.1380	2.0954	2.0593	2.0262	1.9990	1.9710	1.8738	1.8688	1.8619	1.8554	1.8489	1.8432	1.8379	1.8317

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Pollutants – NOx Emission Factors
  - Without Mitigation
  - With Mitigation

OFFROAD2011

Equipment ID	NOx Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2029
Backhoe (CAT 416)	0.2678	0.2373	0.2148	0.1945	0.1781	0.1563	0.1445	0.1354	0.1219	0.1157	0.1104	0.1068	0.1038	0.1038
Bobcat S650	0.2510	0.2225	0.2014	0.1823	0.1670	0.1465	0.1355	0.1269	0.1143	0.1085	0.1035	0.1001	0.0973	0.0973
Compactor (CAT 815)	0.5875	0.5085	0.4602	0.4179	0.3949	0.3351	0.2985	0.2799	0.2422	0.2160	0.1968	0.1859	0.1809	0.1809
Compactor (CAT 825)	0.5875	0.5085	0.4602	0.4179	0.3949	0.3351	0.2985	0.2799	0.2422	0.2160	0.1968	0.1859	0.1809	0.1809
Roller (CAT CB564D)	0.3977	0.3451	0.3207	0.2986	0.2811	0.2489	0.2308	0.2191	0.1989	0.1874	0.1788	0.1716	0.1660	0.1660
Roller (Hamm 3520 single)	0.6206	0.4772	0.4283	0.4127	0.3858	0.3289	0.3032	0.2770	0.2341	0.2146	0.1982	0.1919	0.1808	0.1808
Crane (Terex Explorer 5600)	1.2453	1.1306	1.0931	1.0376	0.9420	0.8592	0.7958	0.7012	0.6317	0.5802	0.5290	0.4575	0.4051	0.4051
Curb Paver (Gomaco Comm. III)	0.6232	0.5363	0.4970	0.4488	0.4114	0.3168	0.2817	0.2581	0.2169	0.1805	0.1673	0.1505	0.1347	0.1347
Dozer (CAT D6)	0.7224	0.6469	0.5819	0.5127	0.4592	0.3642	0.3140	0.2893	0.2089	0.1864	0.1803	0.1618	0.1495	0.1495
Excavator (CAT 385)	1.0224	0.8267	0.7416	0.6813	0.6007	0.5211	0.4698	0.4105	0.3402	0.3283	0.2845	0.2271	0.2217	0.2217
Generators (400A)	0.0370	0.0361	0.0356	0.0348	0.0341	0.0332	0.0322	0.0318	0.0300	0.0287	0.0271	0.0262	0.0255	0.0255
Grader (CAT 12)	0.8369	0.7787	0.7449	0.6944	0.6514	0.5710	0.5331	0.4942	0.4292	0.3825	0.3522	0.3235	0.2900	0.2900
Grader (CAT 14)	0.8369	0.7787	0.7449	0.6944	0.6514	0.5710	0.5331	0.4942	0.4292	0.3825	0.3522	0.3235	0.2900	0.2900
Hand Paint Cart	0.0996	0.0972	0.0958	0.0937	0.0919	0.0894	0.0868	0.0856	0.0772	0.0772	0.0729	0.0705	0.0688	0.0688
Loader (CAT 914G)	0.4369	0.4021	0.3758	0.3511	0.3256	0.2942	0.2732	0.2572	0.2289	0.2097	0.1989	0.1902	0.1781	0.1781
Milling Machine (CAT PM-200)	1.7668	1.6038	1.5394	1.4312	1.2834	1.0628	0.9772	0.8106	0.6437	0.5480	0.4981	0.4623	0.4062	0.4062
Paving Machine (CAT AP1055)	0.6520	0.5783	0.5194	0.4509	0.4068	0.3212	0.2659	0.1876	0.1607	0.1323	0.1192	0.1066	0.0873	0.0873
Pier Drill (150TN crane)	1.2453	1.1306	1.0931	1.0376	0.9420	0.8592	0.7958	0.7012	0.6317	0.5802	0.5290	0.4575	0.4051	0.4051
Portable Generator (4000W)	0.0591	0.0577	0.0569	0.0557	0.0546	0.0531	0.0515	0.0508	0.0479	0.0458	0.0433	0.0419	0.0409	0.0409
Rail Machine	2.0280	1.8409	1.7670	1.6428	1.4731	1.2199	1.1217	0.9304	0.7388	0.6291	0.5717	0.5307	0.4663	0.4663
Rubber-Tire Crane (Terex AC100)	1.4020	1.2930	1.2377	1.1903	1.1328	1.0203	0.9441	0.8834	0.7537	0.6869	0.6376	0.5909	0.5332	0.5332
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.1054	0.1029	0.1015	0.0992	0.0973	0.0946	0.0918	0.0906	0.0854	0.0817	0.0772	0.0746	0.0728	0.0728
Trackhoe (PC200)	0.4224	0.3578	0.3163	0.2823	0.2498	0.2029	0.1754	0.1528	0.1229	0.1062	0.0935	0.0864	0.0814	0.0814
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	NOx Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pickup Truck (F250)	0.0034	0.0031	0.0027	0.0024	0.0021	0.0019	0.0016	0.0015	0.0013	0.0011	0.0010	0.0009	0.0008	0.0008
Boom Truck	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Concrete Delivery Truck	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Concrete Haul Truck (Mack MHD)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Concrete Pump Truck	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Concrete Truck (Terex FD4000)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Delivery Truck (semi)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Flat Bed Truck (1TN)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Forklift Boom Truck (G10-55A)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Form Truck (Mack Granite)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Haul Truck (Mack Granite)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Haul Truck (Mack Med. Duty)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Haul Truck (semi)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Mechanic Truck (1TN)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Mechanic Truck (2TN)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Precast Delivery Truck (semi)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Pump Truck	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Rail Delivery Truck	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Seed Truck	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Steel Delivery Truck	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Stone Haul Truck (Mack Med. Duty)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Striping Truck (2.5TN)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Water Truck (2.5TN)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Work Truck (2.5TN)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
Man Lift (Versalift VO-355-MHI)	0.0986	0.0877	0.0844	0.0768	0.0731	0.0698	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541

EMFAC2014

Equipment ID	NOx Emission Factors (lb/mi)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Employee_Vehicles	0.0006	0.0005	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Material_Delivery	0.0119	0.0099	0.0090	0.0075	0.0066	0.0059	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0022	0.0022
Concrete_Delivery	0.0124	0.0103	0.0094	0.0077	0.0069	0.0061	0.0025	0.0025	0.0024	0.0024	0.0024	0.0024	0.0024	0.0023
Base_Delivery	0.0119	0.0099	0.0090	0.0075	0.0066	0.0059	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0022	0.0022
Asphalt_Delivery	0.0119	0.0099	0.0090	0.0075	0.0066	0.0059	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0022	0.0022
Demolition_Hauling	0.0124	0.0103	0.0094	0.0077	0.0069	0.0061	0.0025	0.0025	0.0024	0.0024	0.0024	0.0024	0.0024	0.0023

OFFROAD2011

Equipment ID	NOx Emission Factors (lb/hr)														
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2029	
Backhoe (CAT 416)	0.0980	0.0980	0.0980	0.0980	0.0980	0.0980	0.0980	0.0980	0.0980	0.0980	0.0980	0.0980	0.0980	0.0954	0.0954
Bobcat S650	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0894	0.0894
Compactor (CAT 815)	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1808	0.1708	0.1662	0.1662
Compactor (CAT 825)	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1920	0.1808	0.1708	0.1662	0.1662
Roller (CAT CB564D)	0.1158	0.1158	0.1158	0.1158	0.1158	0.1158	0.1158	0.1158	0.1158	0.1158	0.1158	0.1158	0.1158	0.1158	0.1158
Roller (Hamm 3520 single)	0.1874	0.1874	0.1874	0.1874	0.1874	0.1874	0.1874	0.1874	0.1874	0.1874	0.1874	0.1821	0.1763	0.1662	0.1662
Crane (Terex Explorer 5600)	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3723	0.3723
Curb Paver (Gomaco Comm. III)	0.1815	0.1815	0.1815	0.1815	0.1815	0.1815	0.1815	0.1815	0.1815	0.1659	0.1537	0.1383	0.1238	0.1238	0.1238
Dozer (CAT D6)	0.2301	0.2301	0.2301	0.2301	0.2301	0.2301	0.2301	0.2301	0.2301	0.1920	0.1713	0.1657	0.1487	0.1374	0.1374
Excavator (CAT 385)	0.4911	0.4911	0.4911	0.4911	0.4911	0.4789	0.4318	0.3772	0.3126	0.3018	0.2614	0.2087	0.2038	0.2038	0.2038
Generators (400A)	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123
Grader (CAT 12)	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703
Grader (CAT 14)	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703
Hand Paint Cart	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332
Loader (CAT 914G)	0.1116	0.1116	0.1116	0.1116	0.1116	0.1116	0.1116	0.1116	0.1116	0.1116	0.1116	0.1116	0.1116	0.1116	0.1116
Milling Machine (CAT PM-200)	0.5965	0.5965	0.5965	0.5965	0.5965	0.5965	0.5965	0.5965	0.5915	0.5037	0.4577	0.4249	0.3733	0.3733	0.3733
Paving Machine (CAT AP1055)	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334	0.1724	0.1477	0.1216	0.1096	0.0979	0.0802	0.0802	0.0802
Pier Drill (150TN crane)	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3957	0.3723	0.3723	0.3723
Portable Generator (4000W)	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197
Rail Machine	0.6846	0.6846	0.6846	0.6846	0.6846	0.6846	0.6846	0.6846	0.6790	0.5781	0.5254	0.4877	0.4285	0.4285	0.4285
Rubber-Tire Crane (Terex AC100)	0.3345	0.3345	0.3345	0.3345	0.3345	0.3345	0.3345	0.3345	0.3345	0.3345	0.3345	0.3345	0.3345	0.3345	0.3345
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351
Trackhoe (PC200)	0.1827	0.1827	0.1827	0.1827	0.1827	0.1827	0.1612	0.1404	0.1130	0.0976	0.0859	0.0794	0.0748	0.0748	0.0748
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	NOx Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pickup Truck (F250)	0.0034	0.0031	0.0027	0.0024	0.0021	0.0019	0.0016	0.0015	0.0013	0.0011	0.0010	0.0009	0.0008	0.0008
Boom Truck	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Concrete Delivery Truck	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Concrete Haul Truck (Mack MHD)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Concrete Pump Truck	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Concrete Truck (Terex FD4000)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Delivery Truck (semi)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Flat Bed Truck (1TN)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Forklift Boom Truck (G10-55A)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Form Truck (Mack Granite)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Haul Truck (Mack Granite)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Haul Truck (Mack Med. Duty)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Haul Truck (semi)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Mechanic Truck (1TN)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Mechanic Truck (2TN)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Precast Delivery Truck (semi)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Pump Truck	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Rail Delivery Truck	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Seed Truck	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Steel Delivery Truck	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Stone Haul Truck (Mack Med. Duty)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Stripping Truck (2.5TN)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Water Truck (2.5TN)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Work Truck (2.5TN)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
Man Lift (Versalift VO-355-MHI)	0.0819	0.0744	0.0722	0.0669	0.0644	0.0621	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497

EMFAC2014

Equipment ID	NOx Emission Factors (lb/mi)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Employee_Vehicles	0.0006	0.0005	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Material_Delivery	0.0091	0.0077	0.0071	0.0060	0.0054	0.0049	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0020
Concrete_Delivery	0.0094	0.0080	0.0074	0.0062	0.0056	0.0051	0.0023	0.0023	0.0022	0.0022	0.0022	0.0022	0.0022	0.0021
Base_Delivery	0.0091	0.0077	0.0071	0.0060	0.0054	0.0049	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0020
Asphalt_Delivery	0.0091	0.0077	0.0071	0.0060	0.0054	0.0049	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0020
Demolition_Hauling	0.0094	0.0080	0.0074	0.0062	0.0056	0.0051	0.0023	0.0023	0.0022	0.0022	0.0022	0.0022	0.0022	0.0021

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Pollutants – PM2.5 Emission Factors
  - Without Mitigation
  - With Mitigation

CEIDARS: (PM2.5 = PM10 x 0.92)

Equipment ID	PM2.5 Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2029
Backhoe (CAT 416)	0.0206	0.0174	0.0152	0.0132	0.0116	0.0094	0.0082	0.0072	0.0058	0.0051	0.0045	0.0041	0.0038	0.0038
Bobcat S650	0.0194	0.0164	0.0143	0.0124	0.0109	0.0089	0.0077	0.0068	0.0054	0.0048	0.0043	0.0039	0.0036	0.0036
Compactor (CAT 815)	0.0222	0.0192	0.0173	0.0157	0.0149	0.0125	0.0111	0.0105	0.0092	0.0083	0.0077	0.0074	0.0072	0.0072
Compactor (CAT 825)	0.0222	0.0192	0.0173	0.0157	0.0149	0.0125	0.0111	0.0105	0.0092	0.0083	0.0077	0.0074	0.0072	0.0072
Roller (CAT CB564D)	0.0292	0.0243	0.0220	0.0200	0.0184	0.0154	0.0138	0.0127	0.0107	0.0096	0.0087	0.0080	0.0074	0.0074
Roller (Hamm 3520 single)	0.0219	0.0164	0.0143	0.0137	0.0131	0.0111	0.0102	0.0096	0.0087	0.0082	0.0075	0.0074	0.0072	0.0072
Crane (Terex Explorer 5600)	0.0443	0.0412	0.0405	0.0393	0.0371	0.0349	0.0328	0.0292	0.0259	0.0245	0.0225	0.0198	0.0177	0.0177
Curb Paver (Gomaco Comm. III)	0.0311	0.0266	0.0248	0.0223	0.0203	0.0152	0.0134	0.0121	0.0100	0.0082	0.0077	0.0069	0.0063	0.0063
Dozer (CAT D6)	0.1582	0.1559	0.1537	0.1517	0.1501	0.1472	0.1455	0.1447	0.1423	0.1416	0.1414	0.1408	0.1404	0.1404
Excavator (CAT 385)	0.0384	0.0326	0.0302	0.0282	0.0252	0.0228	0.0212	0.0188	0.0164	0.0158	0.0145	0.0125	0.0123	0.0123
Generators (400A)	0.0033	0.0031	0.0030	0.0029	0.0028	0.0026	0.0024	0.0023	0.0020	0.0018	0.0015	0.0013	0.0012	0.0012
Grader (CAT 12)	0.4302	0.4268	0.4248	0.4219	0.4194	0.4147	0.4126	0.4104	0.4066	0.4038	0.4021	0.4005	0.3986	0.3986
Grader (CAT 14)	0.4302	0.4268	0.4248	0.4219	0.4194	0.4147	0.4126	0.4104	0.4066	0.4038	0.4021	0.4005	0.3986	0.3986
Hand Paint Cart	0.0088	0.0084	0.0081	0.0077	0.0074	0.0069	0.0065	0.0063	0.0054	0.0048	0.0040	0.0035	0.0032	0.0032
Loader (CAT 914G)	0.0379	0.0343	0.0315	0.0289	0.0263	0.0230	0.0207	0.0191	0.0158	0.0140	0.0127	0.0117	0.0103	0.0103
Milling Machine (CAT PM-200)	0.1950	0.1898	0.1875	0.1823	0.1753	0.1674	0.1652	0.1610	0.1558	0.1529	0.1515	0.1505	0.1489	0.1489
Paving Machine (CAT AP1055)	0.0171	0.0154	0.0141	0.0124	0.0115	0.0093	0.0079	0.0060	0.0052	0.0044	0.0039	0.0036	0.0030	0.0030
Pier Drill (150TN crane)	0.0443	0.0412	0.0405	0.0393	0.0371	0.0349	0.0328	0.0292	0.0259	0.0245	0.0225	0.0198	0.0177	0.0177
Portable Generator (4000W)	0.0053	0.0050	0.0048	0.0046	0.0044	0.0041	0.0039	0.0037	0.0032	0.0028	0.0024	0.0021	0.0019	0.0019
Rail Machine	0.2041	0.1980	0.1955	0.1895	0.1814	0.1724	0.1698	0.1650	0.1591	0.1557	0.1541	0.1529	0.1512	0.1512
Rubber-Tire Crane (Terex AC100)	0.0586	0.0539	0.0516	0.0499	0.0477	0.0433	0.0402	0.0379	0.0323	0.0293	0.0274	0.0255	0.0229	0.0229
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.0094	0.0089	0.0086	0.0082	0.0079	0.0074	0.0069	0.0066	0.0057	0.0050	0.0042	0.0037	0.0034	0.0034
Trackhoe (PC200)	0.0221	0.0188	0.0166	0.0150	0.0134	0.0109	0.0096	0.0086	0.0069	0.0061	0.0055	0.0051	0.0049	0.0049
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	PM2.5 Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pickup Truck (F250)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Boom Truck	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Concrete Delivery Truck	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Concrete Haul Truck (Mack MHD)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Concrete Pump Truck	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Concrete Truck (Terex FD4000)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Delivery Truck (semi)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Flat Bed Truck (1TN)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Forklift Boom Truck (G10-55A)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Form Truck (Mack Granite)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Haul Truck (Mack Granite)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Haul Truck (Mack Med. Duty)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Haul Truck (semi)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Mechanic Truck (1TN)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Mechanic Truck (2TN)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Precast Delivery Truck (semi)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Pump Truck	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Rail Delivery Truck	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Seed Truck	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Steel Delivery Truck	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Stone Haul Truck (Mack Med. Duty)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Striping Truck (2.5TN)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Water Truck (2.5TN)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Work Truck (2.5TN)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Man Lift (Versalift VO-355-MHI)	0.0014	0.0009	0.0008	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003

EMFAC2014

Equipment ID	PM2.5 Emission Factors (lb/mi)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Employee_Vehicles	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Material_Delivery	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Concrete_Delivery	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Base_Delivery	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Asphalt_Delivery	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Demolition_Hauling	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

CEIDARS: (PM2.5 = PM10 x 0.92)

Equipment ID	PM2.5 Emission Factors (lb/hr)												
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Backhoe (CAT 416)	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019
Bobcat S650	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018
Compactor (CAT 815)	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027
Compactor (CAT 825)	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027
Roller (CAT CB564D)	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Roller (Hamm 3520 single)	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026
Crane (Terex Explorer 5600)	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056
Curb Paver (Gomaco Comm. III)	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
Dozer (CAT D6)	0.0974	0.0974	0.0974	0.0974	0.0974	0.0974	0.0974	0.0974	0.0974	0.0974	0.0974	0.0974	0.0974
Excavator (CAT 385)	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0088	0.0086
Generators (400A)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Grader (CAT 12)	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716
Grader (CAT 14)	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716	0.2716
Hand Paint Cart	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Loader (CAT 914G)	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019
Milling Machine (CAT PM-200)	0.1025	0.1025	0.1025	0.1025	0.1025	0.1025	0.1025	0.1025	0.1025	0.1025	0.1025	0.1025	0.1025
Paving Machine (CAT AP1055)	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0031	0.0028	0.0025	0.0021
Pier Drill (150TN crane)	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056
Portable Generator (4000W)	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Rail Machine	0.1038	0.1038	0.1038	0.1038	0.1038	0.1038	0.1038	0.1038	0.1038	0.1038	0.1038	0.1038	0.1038
Rubber-Tire Crane (Terex AC100)	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Trackhoe (PC200)	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	PM2.5 Emission Factors (lb/hr)												
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Pickup Truck (F250)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Boom Truck	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Concrete Delivery Truck	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Concrete Haul Truck (Mack MHD)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Concrete Pump Truck	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Concrete Truck (Terex FD4000)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Delivery Truck (semi)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Flat Bed Truck (1TN)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Forklift Boom Truck (G10-55A)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Form Truck (Mack Granite)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Haul Truck (Mack Granite)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Haul Truck (Mack Med. Duty)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Haul Truck (semi)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Mechanic Truck (1TN)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Mechanic Truck (2TN)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Precast Delivery Truck (semi)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Pump Truck	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Rail Delivery Truck	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Seed Truck	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Steel Delivery Truck	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Stone Haul Truck (Mack Med. Duty)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Striping Truck (2.5TN)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Water Truck (2.5TN)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Work Truck (2.5TN)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Man Lift (Versalift VO-355-MHI)	0.0009	0.0006	0.0006	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003

EMFAC2014

Equipment ID	PM2.5 Emission Factors (lb/mi)												
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Employee_Vehicles	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Material_Delivery	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Concrete_Delivery	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Base_Delivery	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Asphalt_Delivery	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Demolition_Hauling	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Pollutants – PM10 Emission Factors
  - Without Mitigation
  - With Mitigation

OFFROAD2011

Equipment ID	PM10 Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Backhoe (CAT 416)	0.0218	0.0186	0.0163	0.0143	0.0127	0.0106	0.0094	0.0084	0.0069	0.0063	0.0057	0.0053	0.0050	0.0050
Bobcat S650	0.0207	0.0178	0.0156	0.0138	0.0123	0.0102	0.0091	0.0082	0.0068	0.0062	0.0056	0.0053	0.0050	0.0050
Compactor (CAT 815)	0.0222	0.0192	0.0173	0.0157	0.0149	0.0125	0.0111	0.0105	0.0092	0.0083	0.0077	0.0074	0.0072	0.0072
Compactor (CAT 825)	0.0222	0.0192	0.0173	0.0157	0.0149	0.0125	0.0111	0.0105	0.0092	0.0083	0.0077	0.0074	0.0072	0.0072
Roller (CAT CB564D)	0.0292	0.0243	0.0220	0.0200	0.0184	0.0154	0.0138	0.0127	0.0107	0.0096	0.0087	0.0080	0.0074	0.0074
Roller (Hamm 3520 single)	0.0219	0.0164	0.0143	0.0137	0.0131	0.0111	0.0102	0.0096	0.0087	0.0082	0.0075	0.0074	0.0072	0.0072
Crane (Terex Explorer 5600)	0.0443	0.0412	0.0405	0.0393	0.0371	0.0349	0.0328	0.0292	0.0259	0.0245	0.0225	0.0198	0.0177	0.0177
Curb Paver (Gomaco Comm. III)	0.0311	0.0266	0.0248	0.0223	0.0203	0.0152	0.0134	0.0121	0.0100	0.0082	0.0077	0.0069	0.0063	0.0063
Dozer (CAT D6)	0.2679	0.2656	0.2635	0.2614	0.2599	0.2569	0.2553	0.2544	0.2520	0.2513	0.2511	0.2505	0.2501	0.2501
Excavator (CAT 385)	0.0597	0.0538	0.0514	0.0494	0.0464	0.0440	0.0424	0.0400	0.0376	0.0370	0.0357	0.0337	0.0335	0.0335
Generators (400A)	0.0033	0.0031	0.0030	0.0029	0.0028	0.0026	0.0024	0.0023	0.0020	0.0018	0.0015	0.0013	0.0012	0.0012
Grader (CAT 12)	3.5925	3.5891	3.5872	3.5843	3.5818	3.5771	3.5750	3.5728	3.5690	3.5662	3.5645	3.5629	3.5609	3.5609
Grader (CAT 14)	3.5925	3.5891	3.5872	3.5843	3.5818	3.5771	3.5750	3.5728	3.5690	3.5662	3.5645	3.5629	3.5609	3.5609
Hand Paint Cart	0.0088	0.0084	0.0081	0.0077	0.0074	0.0069	0.0065	0.0063	0.0054	0.0048	0.0040	0.0035	0.0032	0.0032
Loader (CAT 914G)	0.0400	0.0365	0.0337	0.0311	0.0284	0.0252	0.0229	0.0213	0.0180	0.0161	0.0149	0.0139	0.0125	0.0125
Milling Machine (CAT PM-200)	0.3048	0.2995	0.2973	0.2920	0.2850	0.2772	0.2749	0.2707	0.2655	0.2626	0.2612	0.2602	0.2587	0.2587
Paving Machine (CAT AP1055)	0.0171	0.0154	0.0141	0.0124	0.0115	0.0093	0.0079	0.0060	0.0052	0.0044	0.0039	0.0036	0.0030	0.0030
Pier Drill (150TN crane)	0.0443	0.0412	0.0405	0.0393	0.0371	0.0349	0.0328	0.0292	0.0259	0.0245	0.0225	0.0198	0.0177	0.0177
Portable Generator (4000W)	0.0053	0.0050	0.0048	0.0046	0.0044	0.0041	0.0039	0.0037	0.0032	0.0028	0.0024	0.0021	0.0019	0.0019
Rail Machine	0.3138	0.3077	0.3052	0.2992	0.2911	0.2821	0.2795	0.2747	0.2688	0.2654	0.2638	0.2627	0.2609	0.2609
Rubber-Tire Crane (Terex AC100)	0.0586	0.0539	0.0516	0.0499	0.0477	0.0433	0.0402	0.0379	0.0323	0.0293	0.0274	0.0255	0.0229	0.0229
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.0094	0.0089	0.0086	0.0082	0.0079	0.0074	0.0069	0.0066	0.0057	0.0050	0.0042	0.0037	0.0034	0.0034
Trackhoe (PC200)	0.0281	0.0248	0.0226	0.0210	0.0194	0.0169	0.0157	0.0146	0.0129	0.0121	0.0115	0.0111	0.0109	0.0109
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	PM10 Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pickup Truck (F250)	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Boom Truck	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Concrete Delivery Truck	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Concrete Haul Truck (Mack MHD)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Concrete Pump Truck	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Concrete Truck (Terex FD4000)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Delivery Truck (semi)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Flat Bed Truck (1TN)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Forklift Boom Truck (G10-55A)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Form Truck (Mack Granite)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Haul Truck (Mack Granite)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Haul Truck (Mack Med. Duty)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Haul Truck (semi)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Mechanic Truck (1TN)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Mechanic Truck (2TN)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Precast Delivery Truck (semi)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Pump Truck	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Rail Delivery Truck	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Seed Truck	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Steel Delivery Truck	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Stone Haul Truck (Mack Med. Duty)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Striping Truck (2.5TN)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Water Truck (2.5TN)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Work Truck (2.5TN)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Man Lift (Versalift VO-355-MHI)	0.0023	0.0017	0.0017	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012

EMFAC2014

Equipment ID	PM10 Emission Factors (lb/mi)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Employee_Vehicles	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Material_Delivery	0.0007	0.0006	0.0006	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Concrete_Delivery	0.0007	0.0006	0.0006	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Base_Delivery	0.0007	0.0006	0.0006	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Asphalt_Delivery	0.0007	0.0006	0.0006	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Demolition_Hauling	0.0007	0.0006	0.0006	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005

OFFROAD2011

Equipment ID	PM10 Emission Factors (lb/hr)												
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Backhoe (CAT 416)	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Bobcat S650	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
Compactor (CAT 815)	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
Compactor (CAT 825)	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
Roller (CAT CB564D)	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019
Roller (Hamm 3520 single)	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
Crane (Terex Explorer 5600)	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060
Curb Paver (Gomaco Comm. III)	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Dozer (CAT D6)	0.1748	0.1748	0.1748	0.1748	0.1748	0.1748	0.1748	0.1748	0.1748	0.1748	0.1748	0.1748	0.1748
Excavator (CAT 385)	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0237	0.0235
Generators (400A)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Grader (CAT 12)	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950
Grader (CAT 14)	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950	2.4950
Hand Paint Cart	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Loader (CAT 914G)	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036
Milling Machine (CAT PM-200)	0.1804	0.1804	0.1804	0.1804	0.1804	0.1804	0.1804	0.1804	0.1804	0.1804	0.1804	0.1804	0.1804
Paving Machine (CAT AP1055)	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0031	0.0028	0.0025	0.0021
Pier Drill (150TN crane)	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060
Portable Generator (4000W)	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
Rail Machine	0.1817	0.1817	0.1817	0.1817	0.1817	0.1817	0.1817	0.1817	0.1817	0.1817	0.1817	0.1817	0.1817
Rubber-Tire Crane (Terex AC100)	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
Trackhoe (PC200)	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079	0.0078	0.0077
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	PM10 Emission Factors (lb/hr)												
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Pickup Truck (F250)	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Boom Truck	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Concrete Delivery Truck	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Concrete Haul Truck (Mack MHD)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Concrete Pump Truck	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Concrete Truck (Terex FD4000)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Delivery Truck (semi)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Flat Bed Truck (1TN)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Forklift Boom Truck (G10-55A)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Form Truck (Mack Granite)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Haul Truck (Mack Granite)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Haul Truck (Mack Med. Duty)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Haul Truck (semi)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Mechanic Truck (1TN)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Mechanic Truck (2TN)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Precast Delivery Truck (semi)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Pump Truck	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Rail Delivery Truck	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Seed Truck	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Steel Delivery Truck	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Stone Haul Truck (Mack Med. Duty)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Striping Truck (2.5TN)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Water Truck (2.5TN)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Work Truck (2.5TN)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Man Lift (Versalift VO-355-MHI)	0.0018	0.0015	0.0014	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011

EMFAC2014

Equipment ID	PM10 Emission Factors (lb/mi)												
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Employee_Vehicles	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Material_Delivery	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Concrete_Delivery	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Base_Delivery	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Asphalt_Delivery	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Demolition_Hauling	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Pollutants – ROG Emission Factors
  - Without Mitigation
  - With Mitigation

OFFROAD2011

Equipment ID	ROG Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2029
Backhoe (CAT 416)	0.0233	0.0202	0.0182	0.0165	0.0152	0.0132	0.0123	0.0116	0.0103	0.0099	0.0094	0.0092	0.0090	0.0090
Bobcat S650	0.0218	0.0190	0.0171	0.0155	0.0142	0.0124	0.0116	0.0109	0.0097	0.0093	0.0089	0.0086	0.0085	0.0085
Compactor (CAT 815)	0.0375	0.0335	0.0311	0.0291	0.0283	0.0252	0.0234	0.0228	0.0210	0.0198	0.0191	0.0188	0.0188	0.0188
Compactor (CAT 825)	0.0375	0.0335	0.0311	0.0291	0.0283	0.0252	0.0234	0.0228	0.0210	0.0198	0.0191	0.0188	0.0188	0.0188
Roller (CAT CB564D)	0.0358	0.0300	0.0277	0.0255	0.0239	0.0206	0.0189	0.0181	0.0160	0.0150	0.0143	0.0137	0.0132	0.0132
Roller (Hamm 3520 single)	0.0370	0.0289	0.0263	0.0259	0.0254	0.0224	0.0215	0.0208	0.0196	0.0190	0.0181	0.0179	0.0173	0.0173
Crane (Terex Explorer 5600)	0.0711	0.0670	0.0668	0.0658	0.0632	0.0608	0.0584	0.0544	0.0499	0.0485	0.0462	0.0430	0.0400	0.0400
Curb Paver (Gomaco Comm. III)	0.0464	0.0402	0.0379	0.0346	0.0322	0.0256	0.0235	0.0222	0.0197	0.0174	0.0169	0.0161	0.0152	0.0152
Dozer (CAT D6)	0.0434	0.0405	0.0378	0.0351	0.0332	0.0287	0.0266	0.0258	0.0221	0.0213	0.0213	0.0207	0.0205	0.0205
Excavator (CAT 385)	0.0659	0.0583	0.0557	0.0539	0.0511	0.0478	0.0459	0.0432	0.0400	0.0400	0.0383	0.0343	0.0343	0.0343
Generators (400A)	0.0071	0.0067	0.0066	0.0063	0.0061	0.0057	0.0055	0.0054	0.0048	0.0044	0.0039	0.0037	0.0035	0.0035
Grader (CAT 12)	0.0683	0.0639	0.0615	0.0578	0.0547	0.0486	0.0460	0.0434	0.0386	0.0353	0.0333	0.0315	0.0292	0.0292
Grader (CAT 14)	0.0683	0.0639	0.0615	0.0578	0.0547	0.0486	0.0460	0.0434	0.0386	0.0353	0.0333	0.0315	0.0292	0.0292
Hand Paint Cart	0.0192	0.0181	0.0178	0.0171	0.0165	0.0155	0.0147	0.0144	0.0128	0.0119	0.0105	0.0099	0.0094	0.0094
Loader (CAT 914G)	0.0442	0.0404	0.0376	0.0350	0.0326	0.0293	0.0272	0.0259	0.0229	0.0212	0.0203	0.0196	0.0185	0.0185
Milling Machine (CAT PM-200)	0.1034	0.0971	0.0952	0.0895	0.0808	0.0710	0.0685	0.0617	0.0537	0.0505	0.0493	0.0486	0.0468	0.0468
Paving Machine (CAT AP1055)	0.0295	0.0274	0.0260	0.0240	0.0228	0.0200	0.0182	0.0154	0.0146	0.0138	0.0136	0.0134	0.0128	0.0128
Pier Drill (150TN crane)	0.0711	0.0670	0.0668	0.0658	0.0632	0.0608	0.0584	0.0544	0.0499	0.0485	0.0462	0.0430	0.0400	0.0400
Portable Generator (4000W)	0.0114	0.0107	0.0105	0.0101	0.0098	0.0092	0.0087	0.0086	0.0076	0.0070	0.0063	0.0059	0.0056	0.0056
Rail Machine	0.1187	0.1115	0.1093	0.1027	0.0928	0.0815	0.0786	0.0708	0.0616	0.0580	0.0566	0.0558	0.0537	0.0537
Rubber-Tire Crane (Terex AC100)	0.0922	0.0861	0.0834	0.0816	0.0792	0.0734	0.0695	0.0668	0.0596	0.0562	0.0539	0.0517	0.0484	0.0484
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.0203	0.0191	0.0188	0.0181	0.0174	0.0164	0.0156	0.0153	0.0136	0.0125	0.0112	0.0105	0.0099	0.0099
Trackhoe (PC200)	0.0316	0.0277	0.0253	0.0235	0.0217	0.0188	0.0173	0.0160	0.0141	0.0131	0.0124	0.0121	0.0119	0.0119
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	ROG Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pickup Truck (F250)	0.0017	0.0015	0.0014	0.0012	0.0011	0.0010	0.0009	0.0009	0.0008	0.0008	0.0007	0.0007	0.0006	0.0006
Boom Truck	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Concrete Delivery Truck	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Concrete Haul Truck (Mack MHD)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Concrete Pump Truck	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Concrete Truck (Terex FD4000)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Delivery Truck (semi)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Flat Bed Truck (1TN)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Forklift Boom Truck (G10-55A)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Form Truck (Mack Granite)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Haul Truck (Mack Granite)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Haul Truck (Mack Med. Duty)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Haul Truck (semi)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Mechanic Truck (1TN)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Mechanic Truck (2TN)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Precast Delivery Truck (semi)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Pump Truck	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Rail Delivery Truck	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Seed Truck	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Steel Delivery Truck	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Stone Haul Truck (Mack Med. Duty)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Striping Truck (2.5TN)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Water Truck (2.5TN)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Work Truck (2.5TN)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Man Lift (Versalift VO-355-MHI)	0.0073	0.0051	0.0048	0.0037	0.0036	0.0034	0.0022	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023

EMFAC2014

Equipment ID	ROG Emission Factors (lb/mi)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Employee_Vehicles	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Material_Delivery	0.0004	0.0003	0.0003	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Concrete_Delivery	0.0004	0.0003	0.0003	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Base_Delivery	0.0004	0.0003	0.0003	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Asphalt_Delivery	0.0004	0.0003	0.0003	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Demolition_Hauling	0.0004	0.0003	0.0003	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

OFFROAD2011

Equipment ID	ROG Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2029
Backhoe (CAT 416)	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059
Bobcat S650	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056
Compactor (CAT 815)	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0145	0.0140	0.0137	0.0137	0.0137
Compactor (CAT 825)	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0145	0.0140	0.0137	0.0137	0.0137
Roller (CAT CB564D)	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072
Roller (Hamm 3520 single)	0.0143	0.0143	0.0143	0.0143	0.0143	0.0143	0.0143	0.0143	0.0143	0.0139	0.0132	0.0131	0.0126	0.0126
Crane (Terex Explorer 5600)	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0292	0.0292
Curb Paver (Gomaco Comm. III)	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0127	0.0123	0.0118	0.0111	0.0111
Dozer (CAT D6)	0.0176	0.0176	0.0176	0.0176	0.0176	0.0176	0.0176	0.0176	0.0176	0.0161	0.0156	0.0151	0.0150	0.0150
Excavator (CAT 385)	0.0376	0.0376	0.0376	0.0376	0.0373	0.0349	0.0335	0.0316	0.0292	0.0292	0.0280	0.0250	0.0251	0.0251
Generators (400A)	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
Grader (CAT 12)	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105
Grader (CAT 14)	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105	0.0105
Hand Paint Cart	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Loader (CAT 914G)	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069
Milling Machine (CAT PM-200)	0.0456	0.0456	0.0456	0.0456	0.0456	0.0456	0.0456	0.0450	0.0392	0.0369	0.0360	0.0355	0.0342	0.0342
Paving Machine (CAT AP1055)	0.0179	0.0179	0.0179	0.0175	0.0167	0.0146	0.0133	0.0112	0.0106	0.0101	0.0100	0.0098	0.0093	0.0093
Pier Drill (150TN crane)	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0292	0.0292
Portable Generator (4000W)	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Rail Machine	0.0524	0.0524	0.0524	0.0524	0.0524	0.0524	0.0524	0.0517	0.0450	0.0423	0.0413	0.0407	0.0392	0.0392
Rubber-Tire Crane (Terex AC100)	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
Trackhoe (PC200)	0.0113	0.0113	0.0113	0.0113	0.0113	0.0113	0.0113	0.0113	0.0103	0.0096	0.0090	0.0088	0.0087	0.0087
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	ROG Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pickup Truck (F250)	0.0017	0.0015	0.0014	0.0012	0.0011	0.0010	0.0009	0.0009	0.0008	0.0008	0.0007	0.0007	0.0006	0.0006
Boom Truck	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Concrete Delivery Truck	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Concrete Haul Truck (Mack MHD)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Concrete Pump Truck	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Concrete Truck (Terex FD4000)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Delivery Truck (semi)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Flat Bed Truck (1TN)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Forklift Boom Truck (G10-55A)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Form Truck (Mack Granite)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Haul Truck (Mack Granite)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Haul Truck (Mack Med. Duty)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Haul Truck (semi)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Mechanic Truck (1TN)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Mechanic Truck (2TN)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Precast Delivery Truck (semi)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Pump Truck	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Rail Delivery Truck	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Seed Truck	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Steel Delivery Truck	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Stone Haul Truck (Mack Med. Duty)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Striping Truck (2.5TN)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Water Truck (2.5TN)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Work Truck (2.5TN)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Man Lift (Versalift VO-355-MHI)	0.0045	0.0033	0.0031	0.0025	0.0024	0.0024	0.0016	0.0016	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017

EMFAC2014

Equipment ID	ROG Emission Factors (lb/mi)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Employee_Vehicles	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Material_Delivery	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Concrete_Delivery	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Base_Delivery	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Asphalt_Delivery	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Demolition_Hauling	0.0002	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Pollutants – SO<sub>x</sub> Emission Factors
  - Without Mitigation
  - With Mitigation

OFFROAD2007

Equipment ID	SOx Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Backhoe (CAT 416)	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
Bobcat S650	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Compactor (CAT 815)	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008
Compactor (CAT 825)	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008
Roller (CAT CB564D)	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Roller (Hamm 3520 single)	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
Crane (Terex Explorer 5600)	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Curb Paver (Gomaco Comm. III)	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
Dozer (CAT D6)	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Excavator (CAT 385)	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
Generators (400A)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Grader (CAT 12)	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Grader (CAT 14)	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Hand Paint Cart	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Loader (CAT 914G)	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
Milling Machine (CAT PM-200)	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024
Paving Machine (CAT AP1055)	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Pier Drill (150TN crane)	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Portable Generator (4000W)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Rail Machine	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Rubber-Tire Crane (Terex AC100)	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Trackhoe (PC200)	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	SOx Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pickup Truck (F250)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Boom Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Concrete Delivery Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Concrete Haul Truck (Mack MHD)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Concrete Pump Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Concrete Truck (Terex FD4000)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Delivery Truck (semi)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Flat Bed Truck (1TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Forklift Boom Truck (G10-55A)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Form Truck (Mack Granite)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Haul Truck (Mack Granite)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Haul Truck (Mack Med. Duty)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Haul Truck (semi)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Mechanic Truck (1TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Mechanic Truck (2TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Precast Delivery Truck (semi)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Pump Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Rail Delivery Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Seed Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Steel Delivery Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Stone Haul Truck (Mack Med. Duty)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Striping Truck (2.5TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Water Truck (2.5TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Work Truck (2.5TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Man Lift (Versalift VO-355-MHI)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002

EMFAC2014

Equipment ID	SOx Emission Factors (lb/mi)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Employee_Vehicles	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Material_Delivery	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Concrete_Delivery	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Base_Delivery	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Asphalt_Delivery	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Demolition_Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

OFFROAD2007

Equipment ID	SOx Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Backhoe (CAT 416)	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
Bobcat S650	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Compactor (CAT 815)	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008
Compactor (CAT 825)	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008
Roller (CAT CB564D)	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Roller (Hamm 3520 single)	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
Crane (Terex Explorer 5600)	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Curb Paver (Gomaco Comm. III)	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
Dozer (CAT D6)	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Excavator (CAT 385)	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
Generators (400A)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Grader (CAT 12)	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Grader (CAT 14)	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Hand Paint Cart	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Loader (CAT 914G)	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
Milling Machine (CAT PM-200)	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024
Paving Machine (CAT AP1055)	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
Pier Drill (150TN crane)	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Portable Generator (4000W)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Rail Machine	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Rubber-Tire Crane (Terex AC100)	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014
Scissor Lift (JLG 2630ES)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Small Tandem Compactor (CB24B)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Trackhoe (PC200)	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
Trencher (CAT T9)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC2014

Equipment ID	SOx Emission Factors (lb/hr)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pickup Truck (F250)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Boom Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Concrete Delivery Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Concrete Haul Truck (Mack MHD)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Concrete Pump Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Concrete Truck (Terex FD4000)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Delivery Truck (semi)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Flat Bed Truck (1TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Forklift Boom Truck (G10-55A)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Form Truck (Mack Granite)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Haul Truck (Mack Granite)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Haul Truck (Mack Med. Duty)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Haul Truck (semi)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Mechanic Truck (1TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Mechanic Truck (2TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Precast Delivery Truck (semi)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Pump Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Rail Delivery Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Seed Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Steel Delivery Truck	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Stone Haul Truck (Mack Med. Duty)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Striping Truck (2.5TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Water Truck (2.5TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Work Truck (2.5TN)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Man Lift (Versalift VO-355-MHI)	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002

EMFAC2014

Equipment ID	SOx Emission Factors (lb/mi)													
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Employee_Vehicles	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Material_Delivery	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Concrete_Delivery	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Base_Delivery	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Asphalt_Delivery	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Demolition_Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Fugitive Dust Emissions
  - Emissions due to Demolition
  - Emissions due to Equipment
  - Emissions due to Grading

Fugitive Dust emissions due to demolition

<b>From CalEEMod 2013.2.2</b>		
1 sf floor space = 10 cf bldg. vol.	EF <sub>PM10</sub> = 0.0011	lb/ton of debris
1 cf bldg. Vol. = 0.25 cf waste vol.	EF <sub>PM2.5</sub> = 0.00017	lb/ton of debris

1 cy building waste = 0.5 ton weight

Project #	Project Description	Building Demo Area (CY)	Tons	PM10 (lbs)	PM2.5 (lbs)
5	Commercial Vehicle Holding Lot E	1,850	925	1.018	0.157
12	Construct Temporary Metro Bus Terminal	900	450	0.495	0.077
21	Demolish Old Metro Bus Facility	2,000	1000	1.100	0.170
30	Demolish LAWA-owned Properties on Belford Lot	5,000	2500	2.750	0.425
39	Demolish Clifton Moore Administration Building	6,000	3000	3.300	0.510
49	Demolish Bob Hope Hollywood USO	4,000	2000	2.200	0.340
59	Demolition/Reconstruction Parking Garage P2B	25,000	12500	13.750	2.125
70	Demolition/Reconstruction Parking Garage P2A	28,000	14000	15.400	2.380
80	Demolition/Reconstruction Parking Garage P5	38,000	19000	20.900	3.230
90	Restaurant Building Demolition	3,000	1500	1.650	0.255
99	New Delta Hangar Complex	0	0	0.000	0.000
109	Demolish Delta Hangar Complex	60,000	30000	33.000	5.100
118	Demolish Reliant Medical Center	10,000	5000	5.500	0.850
128	APM Guideway	0	0	0.000	0.000
176	West CTA APM Station	0	0	0.000	0.000
191	Center CTA Station	0	0	0.000	0.000
198	East CTA Station	0	0	0.000	0.000
205	CTA APM Pedestrian Walkways	0	0	0.000	0.000
212	Vertical Circulation Cores	0	0	0.000	0.000
221	Maintenance and Storage Facility	0	0	0.000	0.000
231	CTA Processor Power Station	0	0	0.000	0.000
238	CTA West Processor Power Station	0	0	0.000	0.000
245	CTA East Processor Power Station	0	0	0.000	0.000
253	APM Station at ITF West	0	0	0.000	0.000
258	Western Public Parking Garage ITF-W	0	0	0.000	0.000
278	Eastern Public Parking Garage ITF-W	0	0	0.000	0.000
299	APM Station at ITF East	0	0	0.000	0.000
304	ITF-E Public Parking Garage	0	0	0.000	0.000
325	Short Term Layover Parking	0	0	0.000	0.000
347	ConRAC APM Station	0	0	0.000	0.000
351	ConRAC Customer Service Building	0	0	0.000	0.000
335	Rental Car Ready/Return Parking Area	0	0	0.000	0.000
370	Quick Turnaround Area (QTA)	0	0	0.000	0.000
358	Idle Storage Area	0	0	0.000	0.000
380	QTA Support and Additional Site Functions	0	0	0.000	0.000
389	Employee Parking Area	0	0	0.000	0.000
399	New 'A' St - W 96th to Century Blvd	300	150	0.165	0.026
404	New 'A' St - W Century to Westchester Pkwy/ W Arbor Vitae St	900	450	0.495	0.077
409	New 'B' St - New 'A' St to Airport Blvd	950	475	0.523	0.081
414	New 'C' St - Imperial Hwy and W. 111th St	350	175	0.193	0.030
419	New 'D' St - W. 96th St to W. Arbor Vitae St	400	200	0.220	0.034
424	New 98th St - Bellanca Ave to La Cienega	180	90	0.099	0.015
429	New 98th St - Aviation Blvd to La Cienega	1,450	725	0.798	0.123
434	New Concourse Way - Century Blvd to New 98th St	250	125	0.138	0.021
440	Airport Blvd - West 98th St to West Arbor Vitae St	4,000	2000	2.200	0.340
445	West Arbor Vitae St - Airport Blvd to Aviation Blvd	6,750	3375	3.713	0.574
450	West Arbor Vitae St - Aviation Blvd to La Cienega Blvd	3,000	1500	1.650	0.255
455	West 96th St - Airport Blvd to Bellanca Ave.	1,000	500	0.550	0.085
460	West 98th St - New "A" St to Aviation Blvd	2,000	1000	1.100	0.170
465	Century Blvd-New 'A' St. to Aviation Blvd	6,600	3300	3.630	0.561
470	Aviation Blvd - New 98th St to West Arbor	3,900	1950	2.145	0.332
475	Aviation Blvd - Century Blvd to New 98th St	3,800	1900	2.090	0.323
480	La Cienega Blvd - Century Blvd to W. Arbor	3,700	1850	2.035	0.315
485	I-405 Ramp Improvements to La Cienega Blvd	750	375	0.413	0.064
490	Demo Sky Way & Improve Sepulveda Blvd (SB) Ramps to CTA	2,500	1250	1.375	0.213
498	Sepulveda Blvd - Sepulveda Tunnel to W. 96th	2,500	1250	1.375	0.213
503	Sepulveda Blvd - Century to W. 96th St	5,800	2900	3.190	0.493
509	Office Space	0	0	0.000	0.000
514	Hotel - 400 rooms	0	0	0.000	0.000
519	Conference Center	0	0	0.000	0.000
524	Restaurant/Bars	0	0	0.000	0.000
529	Food/Drugs Retail Space	0	0	0.000	0.000
534	Personal Care/Services	0	0	0.000	0.000
539	Clothing Retail Space	0	0	0.000	0.000
544	Other Development	0	0	0.000	0.000

	Backhoe	Excavator		Loaders		Grader		Bulldozer	Compactor	Misc					On-Road			
	CAT 416	Komatsu PC200	CAT 385C	Cat914G	Bobcat S660	CAT 12	CAT 14H	CAT D6	All Models	Crane (Terex Explorer 5600)	Crane (Terex AC100)	Pier Drill (150 ton Crane)	Paving Machine (CAT AP1065)	Other Construction Equipment	T7 Single Construction (Empty)	T7 Single Construction (Full)	LHD2	LDA & LDT1 & LDT2
<b>Equipment Details/Performance</b>																		
Vehicle weight, empty (lb)	14,881	44,110	187,360	17,530	8,327	27,998	41,465	45,200	39,304	320,000	240,000	300,000	44,558		17,400	17,400	6,000	4,000
Soil Capacity (yd3)	1	2	7.06	1.7											10			0
Vehicle Speed (mi/hr)						7.1	7.1								35	35	35	35
Cycle Time (min)	2.2	0.8	0.8	2.0	2.0										20			
Number of Cycles/hr	27	74	74	30	30										3			
Bucket Fill Factor		90%	90%	90%	90%													
Volume Moved (yd3/hour)	24	133	470	46														30.0
Travel Distance (ft/cycle)	80	5	5	80	80													
Travel Distance (ft/hr)	2,160	370	370	2,400	2,400													
VM7/hr	0.41	0.07	0.07	0.45	0.45	7.10	7.10								35.00	35.00	35.00	35.00
<b>Transportation on Roads</b>																		
Mean Vehicle Weight (tons)	8.0	23.3	98.0	9.8	4.2			22.6	19.7	160.0	120.0	150.0	22.3		8.7	15.5	3.0	2.0
PM10 Emissions (lb/VMT)	0.0008	0.0024	0.0103	0.0010	0.0004			0.0023	0.0020	0.0170	0.0127	0.0159	0.0023		0.0009	0.0016	0.0003	0.0002
PM2.5 Emissions (lb/VMT)	0.0002	0.0006	0.0025	0.0002	0.0001			0.0006	0.0005	0.0042	0.0031	0.0039	0.0006		0.0002	0.0004	0.0001	0.0000
Mitigation	61%	61%	61%	61%	61%			61%	61%	61%	61%	61%	61%	61%	61%	61%	61%	61%
PM10 Emissions (lb/hr)	0.0001	0.0001	0.0003	0.0002	0.0001			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.2936	0.0119	0.0214	0.0040	0.0027
PM2.5 Emissions (lb/hr)	0.0000	0.0000	0.0001	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1614	0.0029	0.0052	0.0010	0.0007
<b>Material Handling/Drop Operations</b>																		
PM10 Emissions (lb/ton)		0.00012	0.00012	0.00012												0.00012		
PM2.5 Emissions (lb/ton)		0.00002	0.00002	0.00002												0.00002		
Material Handling Rate (ton/hr)	33	180	635	62	40											41		
Mitigation	61%	61%	61%	61%	61%											61%		
PM10 Emissions (lb/hr)	0.002	0.008	0.030	0.003	0.002											0.002		
PM2.5 Emissions (lb/hr)	0.000	0.001	0.005	0.000	0.000											0.000		
<b>Scraping</b>																		
Excavation rate (ton/hr)																		
Mitigation																		
Scraping PM10 Emissions (lb/hr)																		
Scraping PM2.5 Emissions (lb/hr)																		
<b>Grading</b>																		
PM10 Emissions (lb/VMT)						1.54	1.54											
PM2.5 Emissions (lb/VMT)						0.17	0.17											
Mitigation						61%	61%											
PM10 Emissions (lb/hr)						4.27	4.27											
PM2.5 Emissions (lb/hr)						0.46	0.46											
<b>Bulldozing</b>																		
Mitigation								61%										
PM10 Emissions (lb/hr)								0.29										
PM2.5 Emissions (lb/hr)								0.16										
<b>Total PM10 Emissions (lb/hr)</b>	0.0017	0.0085	0.0301	0.0031	0.0020	4.2713	4.2713	0.2936	0.0000	0.0000	0.0000	0.0000	0.0000	0.2936	0.0119	0.0233	0.0040	0.0027
<b>Total PM2.5 Emissions (lb/hr)</b>	0.0003	0.0013	0.0046	0.0005	0.0003	0.4612	0.4612	0.1614	0.0000	0.0000	0.0000	0.0000	0.0000	0.1614	0.0029	0.0055	0.0010	0.0007

## Fugitive Dust emissions due to grading

sf/acre = 43,560

Fugitive Dust 1

*This table assumes all disturbed area is to be graded. Not all grading below actually occurs on this project.*

Project #	Project Description	Area (sqft)	Acres	VMT	PM10 (lb)	PM2.5 (lb)
5	Commercial Vehicle Holding Lot E	60400	1.39	0.95	0.573	0.062
12	Construct Temporary Metro Bus Terminal	25000	0.57	0.39	0.237	0.026
21	Demolish Old Metro Bus Facility	84300	1.94	1.33	0.800	0.086
30	Demolish LAWA-owned Properties on Belford Lot	100000	2.30	1.58	0.949	0.103
39	Demolish Clifton Moore Administration Building	34200	0.79	0.54	0.325	0.035
49	Demolish Bob Hope Hollywood USO	4000	0.09	0.06	0.038	0.004
59	Demolition/Reconstruction Parking Garage P2B	64500	1.48	1.02	0.612	0.066
70	Demolition/Reconstruction Parking Garage P2A	77600	1.78	1.22	0.737	0.080
80	Demolition/Reconstruction Parking Garage P5	69200	1.59	1.09	0.657	0.071
90	Restaurant Building Demolition	5100	0.12	0.08	0.048	0.005
99	New Delta Hangar Complex	0	0.00	0.00	0.000	0.000
109	Demolish Delta Hangar Complex	182500	4.19	2.88	1.733	0.187
118	Demolish Reliant Medical Center	30600	0.70	0.48	0.291	0.031
128	APM Guideway	0	0.00	0.00	0.000	0.000
176	West CTA APM Station	103400	2.37	1.63	0.982	0.106
191	Center CTA Station	10350	0.24	0.16	0.098	0.011
198	East CTA Station	10350	0.24	0.16	0.098	0.011
205	CTA APM Pedestrian Walkways	77500	1.78	1.22	0.736	0.079
212	Vertical Circulation Cores	0	0.00	0.00	0.000	0.000
221	Maintenance and Storage Facility	348480	8.00	5.50	3.309	0.357
231	CTA Processor Power Station	3000	0.07	0.05	0.028	0.003
238	CTA West Processor Power Station	3000	0.07	0.05	0.028	0.003
245	CTA East Processor Power Station	3000	0.07	0.05	0.028	0.003
253	APM Station at ITF West	11250	0.26	0.18	0.107	0.012
258	Western Public Parking Garage ITF-W	289050	6.64	4.56	2.745	0.296
278	Eastern Public Parking Garage ITF-W	289050	6.64	4.56	2.745	0.296
299	APM Station at ITF East	13500	0.31	0.21	0.128	0.014
304	ITF-E Public Parking Garage	707600	16.24	11.17	6.719	0.725
325	Short Term Layover Parking	100000	2.30	1.58	0.949	0.103
347	ConRAC APM Station	33000	0.76	0.52	0.313	0.034
351	ConRAC Customer Service Building	160000	3.67	2.53	1.519	0.164
335	Rental Car Ready/Return Parking Area	2400000	55.10	37.88	22.788	2.461
370	Quick Turnaround Area (QTA)	684400	15.71	10.80	6.498	0.702
358	Idle Storage Area	2206000	50.64	34.82	20.946	2.262
380	QTA Support and Additional Site Functions	185200	4.25	2.92	1.758	0.190
389	Employee Parking Area	330600	7.59	5.22	3.139	0.339
399	New 'A' St - W 96th to Century Blvd	54400	1.25	0.86	0.517	0.056
404	New 'A' St - W. Century to Westchester Pkwy/ W. Arbor Vitae St	160000	3.67	2.53	1.519	0.164
409	New 'B' St - New 'A' St to Airport Blvd	170000	3.90	2.68	1.614	0.174
414	New 'C' St - Imperial Hwy and W. 111th St	76800	1.76	1.21	0.729	0.079
419	New 'D' St - W. 96th St to W. Arbor Vitae St	70400	1.62	1.11	0.668	0.072
424	New 98th St - Bellanca Ave to La Cienega	270000	6.20	4.26	2.564	0.277
429	New 98th St - Aviation Blvd to La Cienega	270000	6.20	4.26	2.564	0.277
434	New Concourse Way - Century Blvd to New 98th St	45000	1.03	0.71	0.427	0.046
440	Airport Blvd - West 98th St to West Arbor Vitae St	171945	3.95	2.71	1.633	0.176
445	West Arbor Vitae St - Airport Blvd to Aviation Blvd	248400	5.70	3.92	2.359	0.255
450	West Arbor Vitae St - Aviation Blvd to La Cienega Blvd	214002	4.91	3.38	2.032	0.219
455	West 96th St - Airport Blvd to Bellanca Ave.	72000	1.65	1.14	0.684	0.074
460	West 98th St - New "A" St to Aviation Blvd	144000	3.31	2.27	1.367	0.148
465	Century Blvd-New 'A' St. to Aviation Blvd	486000	11.16	7.67	4.615	0.498
470	Aviation Blvd - New 98th St to West Arbor	143000	3.28	2.26	1.358	0.147
475	Aviation Blvd - Century Blvd to New 98th St	140787	3.23	2.22	1.337	0.144
480	La Cienega Blvd - Century Blvd to W. Arbor	136395	3.13	2.15	1.295	0.140
485	I-405 Ramp Improvements to La Cienega Blvd	27200	0.62	0.43	0.258	0.028
490	Demo Sky Way & Improve Sepulveda Blvd (SB) Ramps to CTA	93600	2.15	1.48	0.889	0.096
498	Sepulveda Blvd - Sepulveda Tunnel to W. 96th	93600	2.15	1.48	0.889	0.096
503	Sepulveda Blvd - Century to W. 96th St	216000	4.96	3.41	2.051	0.221
509	Office Space	300000	6.89	4.73	2.848	0.308
514	Hotel - 400 rooms	300000	6.89	4.73	2.848	0.308
519	Conference Center	100000	2.30	1.58	0.949	0.103
524	Restaurant/Bars	65000	1.49	1.03	0.617	0.067
529	Food/Drugs Retail Space	35000	0.80	0.55	0.332	0.036
534	Personal Care/Services	25000	0.57	0.39	0.237	0.026
539	Clothing Retail Space	40000	0.92	0.63	0.380	0.041
544	Other Development	35000	0.80	0.55	0.332	0.036

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Fugitive VOC Emissions due to Paving and Coating

Fugitive VOC emissions due to paving & coating

<b>Paving Emissions Rate:</b> 2.62 lbs VOC per acre paved CalEEMod 2013.2.2	<b>Traffic Coating Emissions Rate:</b> 0.0046 lbs VOC per sqft CalEEMod 2013.2.2	100 grams VOC per liter coating 180 sqft covered per gallon coating	SCAQMD Rule 1113 Traffic Coatings CalEEMod 2013.2.2
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<b>Architectural Coating Emission Factors:</b> EF(ArchitecturalCoatings) = C(VOC) / 454 (g/lb) EF(ArchitecturalCoatings) = From CalEEMod User Manual v2013.2.2
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Project #	Project Description	Total Fugitive VOC (lbs)	Pavement Area (sqft)	Pavement Area (acres)	Paving VOC (lbs)	Structure Footprint (sqft)	# Units (or) Floors	Total Surface Area (sqft)	Coated?
5	Commercial Vehicle Holding Lot E	201.318	43,200	0.992	201.318	0	0	0	FALSE
12	Construct Temporary Metro Bus Terminal	88.07677482	18,900	0.434	88.077	0	0	0	FALSE
21	Demolish Old Metro Bus Facility	0	0	0.000	0.000	0	0	0	FALSE
30	Demolish LAWA-owned Properties on Belford Lot	0	0	0.000	0.000	0	0	0	FALSE
39	Demolish Clifton Moore Administration Building	0	0	0.000	0.000	0	0	0	FALSE
49	Demolish Bob Hope Hollywood USO	0	0	0.000	0.000	0	0	0	FALSE
59	Demolition/Reconstruction Parking Garage P2B	0	0	0.000	0.000	59,000	6	708,000	FALSE
70	Demolition/Reconstruction Parking Garage P2A	0	0	0.000	0.000	50,000	6	600,000	FALSE
80	Demolition/Reconstruction Parking Garage P5	0	0	0.000	0.000	102,000	6	1,224,000	FALSE
90	Restaurant Building Demolition	0	0	0.000	0.000	0	0	0	FALSE
99	New Delta Hangar Complex	4057.342219	0	0.000	0.000	182,500	8	2,920,000	TRUE
109	Demolish Delta Hangar Complex	0	0	0.000	0.000	0	0	0	FALSE
118	Demolish Reliant Medical Center	0	0	0.000	0.000	0	0	0	FALSE
128	APM Guideway	0	0	0.000	0.000	409,860	1	819,720	FALSE
176	West CTA APM Station	1852.66768	0	0.000	0.000	100,000	2	400,000	TRUE
191	Center CTA Station	138.950076	0	0.000	0.000	10,000	2	40,000	TRUE
198	East CTA Station	138.950076	0	0.000	0.000	10,000	2	40,000	TRUE
205	CTA APM Pedestrian Walkways	0	0	0.000	0.000	---	1	#VALUE!	FALSE
212	Vertical Circulation Cores	1702.138431	0	0.000	0.000	4,900	20	196,000	TRUE
221	Maintenance and Storage Facility	3091.639191	0	0.000	0.000	44,500	4	356,000	TRUE
231	CTA Processor Power Station	0	0	0.000	0.000	3,000	1	6,000	FALSE
238	CTA West Processor Power Station	0	0	0.000	0.000	3,000	1	6,000	FALSE
245	CTA East Processor Power Station	0	0	0.000	0.000	3,000	1	6,000	FALSE
253	APM Station at ITF West	152.8450836	0	0.000	0.000	11,000	2	44,000	TRUE
258	Western Public Parking Garage ITF-W	0	0	0.000	0.000	280,000	5	2,800,000	FALSE
278	Eastern Public Parking Garage ITF-W	0	0	0.000	0.000	280,000	6	3,360,000	FALSE
299	APM Station at ITF East	159.7925874	0	0.000	0.000	11,500	2	46,000	TRUE
304	ITF-E Public Parking Garage	0	0	0.000	0.000	510,000	6	6,120,000	FALSE
325	Short Term Layover Parking	0	0	0.000	0.000	0	0	0	FALSE
347	ConRAC APM Station	158.4030866	0	0.000	0.000	22,800	1	45,600	TRUE
351	ConRAC Customer Service Building	396.0077166	0	0.000	0.000	22,800	1	45,600	TRUE
335	Rental Car Ready/Return Parking Area	0	0	0.000	0.000	1,369,400	4	10,955,200	FALSE
370	Quick Turnaround Area (QTA)	0	0	0.000	0.000	0	0	0	FALSE
358	Idle Storage Area	0	0	0.000	0.000	0	0	0	FALSE
380	QTA Support and Additional Site Functions	3213.220508	0	0.000	0.000	185,000	1	370,000	TRUE
389	Employee Parking Area	0	0	0.000	0.000	0	0	0	FALSE
399	New 'A' St - W 96th to Century Blvd	188.735946	40,500	0.930	188.736	0	0	0	FALSE
404	New 'A' St - W Century to Westchester Pkwy/ W Arbor Vitae St	503.2958561	108,000	2.479	503.296	0	0	0	FALSE
409	New 'B' St - New 'A' St to Airport Blvd	578.7902345	124,200	2.851	578.790	0	0	0	FALSE
414	New 'C' St - Imperial Hwy and W. 111th St	239.0655317	51,300	1.178	239.066	0	0	0	FALSE
419	New 'D' St - W. 96th St to W. Arbor Vitae St	251.6479281	54,000	1.240	251.648	0	0	0	FALSE
424	New 98th St - Bellanca Ave to La Cienega	115.7580469	24,840	0.570	115.758	0	0	0	FALSE
429	New 98th St - Aviation Blvd to La Cienega	918.5149374	197,100	4.525	918.515	0	0	0	FALSE
434	New Concourse Way - Century Blvd to New 98th St	918.5149374	197,100	4.525	918.515	0	0	0	FALSE
440	Airport Blvd - West 98th St to West Arbor Vitae St	591.372631	126,900	2.913	591.373	0	0	0	FALSE
445	West Arbor Vitae St - Airport Blvd to Aviation Blvd	843.020559	180,900	4.153	843.021	0	0	0	FALSE
450	West Arbor Vitae St - Aviation Blvd to La Cienega Blvd	729.7789914	156,600	3.595	729.779	0	0	0	FALSE
455	West 96th St - Airport Blvd to Bellanca Ave.	251.6479281	54,000	1.240	251.648	0	0	0	FALSE
460	West 98th St - New "A" St to Aviation Blvd	503.2958561	108,000	2.479	503.296	0	0	0	FALSE
465	Century Blvd-New 'A' St. to Aviation Blvd	1660.876325	356,400	8.182	1660.876	0	0	0	FALSE
470	Aviation Blvd - New 98th St to West Arbor	490.7134597	105,300	2.417	490.713	0	0	0	FALSE
475	Aviation Blvd - Century Blvd to New 98th St	478.1310633	102,600	2.355	478.131	0	0	0	FALSE
480	La Cienega Blvd - Century Blvd to W. Arbor	465.5486669	99,900	2.293	465.549	0	0	0	FALSE
485	I-405 Ramp Improvements to La Cienega Blvd	88.07677482	18,900	0.434	88.077	0	0	0	FALSE
490	Demo Sky Way & Improve Sepulveda Blvd (SB) Ramps to CTA	314.5599101	67,500	1.550	314.560	0	0	0	FALSE
498	Sepulveda Blvd - Sepulveda Tunnel to W. 96th	314.5599101	67,500	1.550	314.560	0	0	0	FALSE
503	Sepulveda Blvd - Century to W. 96th St	729.7789914	156,600	3.595	729.779	0	0	0	FALSE
509	Office Space	2155.303786	43,200	0.992	201.318	112,500	1	225,000	TRUE
514	Hotel - 400 rooms	2155.303786	43,200	0.992	201.318	112,500	1	225,000	TRUE
519	Conference Center	2016.897426	13,500	0.310	62.912	112,500	1	225,000	TRUE
524	Restaurant/Bars	1999.282071	9,720	0.223	45.297	112,500	1	225,000	TRUE
529	Food/Drugs Retail Space	1979.150237	5,400	0.124	25.165	112,500	1	225,000	TRUE
534	Personal Care/Services	1971.600799	3,780	0.087	17.615	112,500	1	225,000	TRUE
539	Clothing Retail Space	1981.666716	5,940	0.136	27.681	112,500	1	225,000	TRUE
544	Other Development	1979.150237	5,400	0.124	25.165	112,500	1	225,000	TRUE

Fugitive VOC emissions due to paving & coating

		<u>Percent Coating:</u>	
i) * 3.785 (L/Gal) / 180 (sqft)		CalEEMod Interior Structure % Painted	0.75
	0.011579173 lbs / sqft	EMod Exterior Structure % Painted	0.25

<u>VOC Content of Coating:</u>	
C(VOC) =	250 g / L

<https://www3.epa.gov/airtoxics/183e/aim/aimfact.pdf>

Assume maximum value allowed by EPA for architectural coatings.

Project #	Project Description	Painted Area (sqft)	Coating VOC (lbs)	Comments / Notes
5	Commercial Vehicle Holding Lot E		0	
12	Construct Temporary Metro Bus Terminal		0	
21	Demolish Old Metro Bus Facility		0	
30	Demolish LAWA-owned Properties on Belford Lot		0	
39	Demolish Clifton Moore Administration Building		0	
49	Demolish Bob Hope Hollywood USO		0	
59	Demolition/Reconstruction Parking Garage P2B		0	Exterior, assumed not coated based on existing garages
70	Demolition/Reconstruction Parking Garage P2A		0	Exterior, assumed not coated based on existing garages
80	Demolition/Reconstruction Parking Garage P5		0	Exterior, assumed not coated based on existing garages
90	Restaurant Building Demolition		0	
99	New Delta Hangar Complex	350,400	4,057	Interior, assume 16% of total surface area is offices/lunch/break areas for employees. Based on Atlantic Aviation Hangar project
109	Demolish Delta Hangar Complex		0	
118	Demolish Reliant Medical Center		0	
128	APM Guideway		0	Exterior, assumed not coated
176	West CTA APM Station	160,000	1,853	Processing area is ~20% of total area. Processing area is air conditioned (fully enclosed). Assume 10% interior area in addition to processor like other stations.
191	Center CTA Station	12,000	139	Open area station treated as exterior, 10% of total area is assumed to be restrooms, concession stands, and other interior construction
198	East CTA Station	12,000	139	Open area station treated as exterior, 10% of total area is assumed to be restrooms, concession stands, and other interior construction
205	CTA APM Pedestrian Walkways		0	Interior, assumed not coated due to glass/metal design visualizations
212	Vertical Circulation Cores	147,000	1,702	Interior, footprint estimated as 70 ft square room from design drawings
221	Maintenance and Storage Facility	267,000	3,092	Interior, some areas are large open maintenance bays. Assumed all standard interior to be conservative.
231	CTA Processor Power Station		0	Interior, assumed not coated based on nonpublic area.
238	CTA West Processor Power Station		0	Interior, assumed not coated based on nonpublic area.
245	CTA East Processor Power Station		0	Interior, assumed not coated based on nonpublic area.
253	APM Station at ITF West	13,200	153	Open area station treated as exterior, 10% of total area is assumed to be restrooms, concession stands, and other interior construction
258	Western Public Parking Garage ITF-W		0	Exterior, assumed not coated based on existing garages
278	Eastern Public Parking Garage ITF-W		0	Exterior, assumed not coated based on existing garages
299	APM Station at ITF East	13,800	160	Open area station treated as exterior, 10% of total area is assumed to be restrooms, concession stands, and other interior construction
304	ITF-E Public Parking Garage		0	Exterior, assumed not coated based on existing garages
325	Short Term Layover Parking		0	
347	ConRAC APM Station	13,680	158	Open area station treated as exterior, 10% of total area is assumed to be restrooms, concession stands, and other interior construction
351	ConRAC Customer Service Building	34,200	396	Interior, default values
335	Rental Car Ready/Return Parking Area		0	Exterior, assumed not coated based on existing garages
370	Quick Turnaround Area (QTA)		0	Exterior, assumed not coated based on existing garages
358	Idle Storage Area		0	Exterior, assumed not coated based on existing garages
380	QTA Support and Additional Site Functions	277,500	3,213	Interior, default values
389	Employee Parking Area		0	
399	New 'A' St - W 96th to Century Blvd		0	
404	New 'A' St - W. Century to Westchester Pkwy/ W. Arbor Vitae St		0	
409	New 'B' St - New 'A' St to Airport Blvd		0	
414	New 'C' St - Imperial Hwy and W. 111th St		0	
419	New 'D' St - W. 96th St to W. Arbor Vitae St		0	
424	New 98th St - Bellanca Ave to La Cienega		0	
429	New 98th St - Aviation Blvd to La Cienega		0	
434	New Concourse Way - Century Blvd to New 98th St		0	
440	Airport Blvd - West 98th St to West Arbor Vitae St		0	
445	West Arbor Vitae St - Airport Blvd to Aviation Blvd		0	
450	West Arbor Vitae St - Aviation Blvd to La Cienega Blvd		0	
455	West 96th St - Airport Blvd to Bellanca Ave.		0	
460	West 98th St - New "A" St to Aviation Blvd		0	
465	Century Blvd-New 'A' St. to Aviation Blvd		0	
470	Aviation Blvd - New 98th St to West Arbor		0	
475	Aviation Blvd - Century Blvd to New 98th St		0	
480	La Cienega Blvd - Century Blvd to W. Arbor		0	
485	I-405 Ramp Improvements to La Cienga Blvd		0	
490	Demo Sky Way & Improve Sepulveda Blvd (SB) Ramps to CTA		0	
498	Sepulveda Blvd - Sepulveda Tunnel to W. 96th		0	
503	Sepulveda Blvd - Century to W. 96th St		0	
509	Office Space	168,750	1,954	Interior, default values
514	Hotel - 400 rooms	168,750	1,954	Interior, default values
519	Conference Center	168,750	1,954	Interior, default values
524	Restaurant/Bars	168,750	1,954	Interior, default values
529	Food/Drugs Retail Space	168,750	1,954	Interior, default values
534	Personal Care/Services	168,750	1,954	Interior, default values
539	Clothing Retail Space	168,750	1,954	Interior, default values
544	Other Development	168,750	1,954	Interior, default values

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# Attachment F.1

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## Construction – Criteria Pollutant and Greenhouse Gas Emissions

- Summary

**Summary - Construction Emissions (without Mitigation) - Default EMFAC2014 & OFFROAD2007/11 Emissions Factors**

Pollutant		Year														Gen Conf de minimis	Peak Yearly Peak Daily	CEQA Threshold
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030			
CO2	MT/year	270	8,358	15,260	14,946	9,645	5,371	4,108	1,456	2,321	5,079	4,633	3,448	1,575	242		15,260	
	Peak lbs/day	11,453	118,831	144,815	161,596	132,889	74,700	59,260	29,007	35,594	46,818	51,923	37,896	18,490	7,415		161,596	
CO	Tons/year	1	24	39	34	22	11	9	3	6	12	11	9	4	1	100	39	
	Peak lbs/day	32	308	340	323	260	137	124	60	78	102	111	93	47	19		340	550
ROG	Tons/year	0	6	8	7	4	3	1	1	1	4	4	3	2	0	10	8	
	Peak lbs/day	11	88	106	74	43	48	12	14	18	36	50	29	17	7		106	75
NOX	Tons/year	2	38	71	66	36	17	9	3	6	13	11	8	4	1	10	71	
	Peak lbs/day	65	474	616	654	464	233	138	51	84	110	112	85	42	17		654	100
SOX	Tons/year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	
	Peak lbs/day	0	1	1	2	1	1	0	0	0	1	0	0	0	0		2	150
PM10	Tons/year	0	6	10	10	7	5	3	2	2	2	2	1	0	0	100	10	
	Peak lbs/day	16	62	89	114	91	52	32	26	25	13	28	9	3	1		114	150
PM25	Tons/year	0	2	4	4	2	1	1	0	1	1	1	1	0	0	70	4	
	Peak lbs/day	6	27	34	34	29	15	12	6	7	6	10	5	2	1		34	55

**Summary - Construction Emissions (with Mitigation) - 25% Compliance with EPA2007 Onroad Standards & 30% Tier 3, 35% Tier 4 Interim, 35% Tier 4 Final EPA Emissions Factors, 90% Fleet Usage of Alternative Fuels**

Pollutant		Year														Gen Conf de minimis	Peak Yearly Peak Daily	CEQA Threshold
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030			
CO2	MT/year	182	6,212	10,897	10,497	7,011	3,858	3,009	1,087	1,557	3,456	3,147	2,357	1,083	165		10,897	
	Peak lbs/day	7,818	88,472	102,879	111,975	95,119	53,168	41,389	21,947	24,117	31,995	34,953	25,938	12,727	5,067		111,975	
CO	Tons/year	1	21	33	29	19	10	8	3	5	10	9	8	4	1	100	33	
	Peak lbs/day	26	270	293	270	223	118	103	53	63	83	90	75	38	15		293	550
ROG	Tons/year	0	5	5	5	3	3	1	0	1	3	3	2	1	0	10	5	
	Peak lbs/day	8	81	83	51	32	39	7	13	15	31	46	25	15	6		83	75
NOX	Tons/year	1	20	39	38	22	12	7	2	5	10	9	7	3	1	10	39	
	Peak lbs/day	29	256	341	381	285	153	109	40	66	85	90	70	35	14		381	100
SOX	Tons/year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	
	Peak lbs/day	0	1	1	2	1	1	0	0	0	1	0	0	0	0		2	150
PM10	Tons/year	0	4	7	7	6	4	3	2	1	1	1	1	0	0	100	7	
	Peak lbs/day	10	40	63	84	67	40	26	20	18	8	20	6	2	1		84	150
PM25	Tons/year	0	1	2	2	1	1	1	0	0	0	0	0	0	0	70	2	
	Peak lbs/day	3	11	15	16	15	9	7	4	4	4	6	3	1	0		16	55

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## Attachment F.2

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### Construction Concentrations– Criteria Pollutants

- Proposed Project without Mitigation
- Proposed Project with Mitigation
- Potential Future Development without Mitigation

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## Attachment F.2

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### Construction Concentrations– Criteria Pollutants

- Proposed Project without Mitigation

Summary - Criteria Dispersion Results - Proposed Project without Mitigation

	CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00	
Threshold / Standard:	23,000	40,000	10,000	10,000	339	188	57	100	10.0	655	196	1,300	105	368	79	10.0	1.0	
Total Concentration (ug/m3):	4,526	4,238	2,898	2,897	206	203	38	38	9.2	42	19	41	9	9	3	16.0	3.0	
Background (ug/m3):	3,565	3,565	2,778	2,778	Included in Model			23	23	N/A	39	16	39	8	8	3	N/A	N/A
Peak (ug/m3):	961	673	120	119	206	203	15	15	9.2	3	3	2	1	1	0	16.0	3.0	

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
369131.40	3758945.42	29	27	4	4	125	107	0	0	0	0	0	0	0	0	0	0	0
370190.78	3758848.26	28	22	5	4	118	107	0	0	0	0	0	0	0	0	0	1	0
370747.03	3763937.58	4	3	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370757.72	3755124.52	31	28	10	8	126	120	0	0	0	0	0	0	0	0	0	1	0
370946.70	3758260.69	43	35	6	6	123	112	0	0	0	0	0	0	0	0	0	1	0
371368.79	3754218.82	13	13	4	3	108	106	0	0	0	0	0	0	0	0	0	0	0
371786.04	3754168.42	12	12	3	3	107	106	0	0	0	0	0	0	0	0	0	1	0
373756.25	3761779.11	8	8	2	1	108	106	0	0	0	0	0	0	0	0	0	0	0
367734.03	3758536.57	23	21	5	4	127	115	0	0	0	0	0	0	0	0	0	0	0
368069.11	3760165.13	10	9	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
369125.38	3763066.25	6	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
369225.45	3764227.42	5	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370236.75	3761140.30	7	7	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
372218.41	3759157.53	13	13	4	3	110	107	0	0	0	0	0	0	0	0	0	0	0
372267.44	3762986.25	5	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
374498.14	3758643.27	13	9	3	3	141	110	0	0	0	0	0	0	0	0	0	2	0
375472.61	3759680.03	15	9	4	2	112	106	0	0	0	0	0	0	0	0	0	0	0
375514.38	3757500.61	20	7	3	2	124	106	0	0	0	0	0	0	0	0	0	1	0
377395.41	3759189.37	8	8	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
366363.62	3757753.10	13	12	5	4	107	106	0	0	0	0	0	0	0	0	0	0	0
369385.71	3758351.85	39	36	6	6	135	115	0	0	0	0	0	0	0	0	0	1	0
369388.19	3758584.61	31	27	5	5	127	111	0	0	0	0	0	0	0	0	0	0	0
371727.30	3758286.14	22	20	7	7	133	114	1	1	0	0	0	0	0	0	0	1	0
371973.18	3757657.97	219	197	38	32	145	125	6	6	2	0	0	0	0	0	0	2	1
372028.99	3757658.28	362	317	78	70	147	127	7	7	4	0	0	0	0	0	0	2	1
372057.72	3757303.44	91	66	21	17	168	132	3	3	1	0	0	0	0	0	0	2	0
372058.94	3757365.68	95	67	25	25	169	133	4	4	2	0	0	0	0	0	0	2	1
372114.76	3757419.38	171	61	27	26	170	134	6	6	2	0	0	0	0	0	0	3	1
372149.51	3757302.81	47	46	17	15	169	135	3	3	1	0	0	0	0	0	0	3	0
366675.72	3757743.67	13	13	5	5	109	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
UTM X	UTM Y	Avg Conc.																	
367105.41	3757963.83	14	14	5	5	110	107	0	0	0	0	0	0	0	0	0	0	1	0
367221.30	3757911.68	15	15	6	5	111	107	0	0	0	0	0	0	0	0	0	0	0	0
367346.43	3757955.57	15	15	6	5	111	107	0	0	0	0	0	0	0	0	0	0	0	0
367457.41	3758010.28	15	15	6	5	111	107	0	0	0	0	0	0	0	0	0	0	0	0
367730.93	3758222.91	29	23	6	6	126	111	0	0	0	0	0	0	0	0	0	0	0	0
367995.30	3758074.68	37	29	7	7	138	119	0	0	0	0	0	0	0	0	0	0	1	0
369154.15	3758166.98	36	36	9	6	132	122	0	0	0	0	0	0	0	0	0	0	1	0
369214.54	3758209.64	32	30	8	6	122	115	0	0	0	0	0	0	0	0	0	0	0	0
369279.67	3758015.34	41	41	10	8	136	125	0	0	0	0	0	0	0	0	0	0	1	0
369788.09	3758340.35	32	31	9	9	126	109	0	0	0	0	0	0	0	0	0	0	1	0
369790.55	3758580.31	31	30	8	7	123	108	0	0	0	0	0	0	0	0	0	0	0	0
371537.21	3756959.02	147	67	21	19	174	164	3	3	2	1	1	0	0	0	0	0	2	1
371736.26	3757371.88	321	317	63	57	160	133	5	5	4	0	0	0	0	0	0	0	2	1
371795.72	3757393.54	797	673	103	100	163	130	7	7	9	0	0	0	0	0	0	0	2	1
371925.67	3757658.96	163	144	30	28	143	124	5	5	2	0	0	0	0	0	0	0	2	1
367720.95	3757929.47	17	17	6	5	113	108	0	0	0	0	0	0	0	0	0	0	1	0
366410.42	3757645.39	13	12	6	4	107	106	0	0	0	0	0	0	0	0	0	0	0	0
366412.06	3757743.84	13	12	5	4	107	106	0	0	0	0	0	0	0	0	0	0	0	0
366449.10	3757556.84	14	13	7	4	107	106	0	0	0	0	0	0	0	0	0	0	0	0
366471.13	3757711.22	13	12	6	4	107	106	0	0	0	0	0	0	0	0	0	0	0	0
366487.79	3757468.29	14	14	8	5	107	106	0	0	0	0	0	0	0	0	0	0	0	0
366526.47	3757379.74	14	14	8	5	108	106	0	0	0	0	0	0	0	0	0	0	0	0
366543.32	3757684.41	13	13	6	5	108	106	0	0	0	0	0	0	0	0	0	0	0	0
366565.16	3757291.19	15	15	9	5	107	106	0	0	0	0	0	0	0	0	0	0	0	0
366572.51	3757755.35	16	15	5	5	113	108	0	0	0	0	0	0	0	0	0	0	0	0
366603.85	3757202.64	16	14	9	4	107	106	0	0	0	0	0	0	0	0	0	0	0	0
366629.35	3757738.18	17	17	6	5	116	111	0	0	0	0	0	0	0	0	0	0	0	0
366642.53	3757114.09	17	14	9	5	107	106	0	0	0	0	0	0	0	0	0	0	0	0
366681.22	3757025.54	18	13	8	5	108	107	0	0	0	0	0	0	0	0	0	0	0	0
366700.77	3757739.37	14	13	5	5	109	106	0	0	0	0	0	0	0	0	0	0	0	0
366719.91	3756936.99	18	14	8	5	109	107	0	0	0	0	0	0	0	0	0	0	0	0
366758.59	3756848.44	18	15	7	6	110	108	0	0	0	0	0	0	0	0	0	0	0	0
366780.64	3757782.90	14	13	5	5	110	107	0	0	0	0	0	0	0	0	0	0	0	0
366797.28	3756759.89	17	15	6	6	110	109	0	0	0	0	0	0	0	0	0	0	0	0
366835.96	3756671.34	16	14	7	6	111	109	0	0	0	0	0	0	0	0	0	0	0	0
366869.69	3757831.79	14	13	5	5	110	106	0	0	0	0	0	0	0	0	0	0	0	0
366874.65	3756582.79	14	14	7	6	112	109	0	0	0	0	0	0	0	0	0	0	0	0
366900.00	3756500.00	14	14	7	7	112	109	0	0	0	0	0	0	0	0	0	0	0	0
366913.34	3756494.23	15	14	7	7	112	110	0	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
366921.75	3757860.58	14	13	5	5	110	107	0	0	0	0	0	0	0	0	0	0	0
366952.02	3756405.68	15	15	8	7	112	110	0	0	0	0	0	0	0	0	0	0	0
366982.97	3757895.00	14	13	5	5	109	107	0	0	0	0	0	0	0	0	0	0	0
366990.71	3756317.13	16	15	8	7	114	111	0	0	0	0	0	0	0	0	0	0	0
367029.39	3756228.58	17	17	8	7	115	110	0	0	0	0	0	0	0	0	0	0	0
367044.19	3757929.41	14	13	5	5	110	107	0	0	0	0	0	0	0	0	0	1	0
367068.08	3756140.03	20	18	8	7	115	111	0	0	0	0	0	0	0	0	0	0	0
367106.77	3756051.48	22	18	7	6	113	111	0	0	0	0	0	0	0	0	0	0	0
367145.45	3755962.93	23	18	7	6	113	111	0	0	0	0	0	0	0	0	0	0	0
367163.35	3757937.75	18	18	6	6	119	114	0	0	0	0	0	0	0	0	0	1	0
367184.14	3755874.38	22	19	7	7	114	111	0	0	0	0	0	0	0	0	0	0	0
367222.83	3755785.83	21	20	7	7	114	110	0	0	0	0	0	0	0	0	0	0	0
367261.51	3755697.28	19	19	7	7	113	111	0	0	0	0	0	0	0	0	0	0	0
367284.84	3757912.25	15	15	6	5	111	108	0	0	0	0	0	0	0	0	0	0	0
367300.20	3755608.73	22	18	7	6	113	109	0	0	0	0	0	0	0	0	0	0	0
367338.88	3755520.18	24	17	7	6	115	109	0	0	0	0	0	0	0	0	0	0	0
367348.39	3757912.82	16	16	6	5	111	108	0	0	0	0	0	0	0	0	0	1	0
367377.57	3755431.63	24	16	7	7	115	110	0	0	0	0	0	0	0	0	0	0	0
367401.92	3757982.92	15	15	6	5	111	107	0	0	0	0	0	0	0	0	0	0	0
367464.88	3755430.72	25	18	8	7	116	110	0	0	0	0	0	0	0	0	0	1	0
367498.60	3757937.52	16	16	6	5	112	107	0	0	0	0	0	0	0	0	0	1	0
367539.80	3757864.76	17	17	6	5	113	109	0	0	0	0	0	0	0	0	0	1	0
367552.20	3755429.80	25	19	8	7	118	111	0	0	0	0	0	0	0	0	0	1	0
367596.95	3757879.64	17	17	6	5	114	109	0	0	0	0	0	0	0	0	0	1	0
367628.79	3757855.59	18	18	7	6	114	109	0	0	0	0	0	0	0	0	0	1	0
367639.51	3755428.89	25	20	9	8	119	112	0	0	0	0	0	0	0	0	0	1	0
367696.39	3757845.44	18	18	7	6	115	110	0	0	0	0	0	0	0	0	0	1	0
367700.81	3758169.46	21	18	5	5	112	107	0	0	0	0	0	0	0	0	0	0	0
367707.57	3757896.37	17	17	6	5	114	108	0	0	0	0	0	0	0	0	0	1	0
367726.83	3755427.97	25	22	9	8	120	113	0	0	0	0	0	0	0	0	0	1	0
367734.79	3758105.67	19	19	5	5	111	107	0	0	0	0	0	0	0	0	0	0	0
367743.72	3758010.21	18	17	6	5	112	107	0	0	0	0	0	0	0	0	0	1	0
367785.33	3758200.53	31	24	6	6	129	113	0	0	0	0	0	0	0	0	0	0	0
367814.14	3755427.06	24	23	10	8	121	114	1	1	0	0	0	0	0	0	0	1	0
367830.31	3758150.13	24	19	5	5	117	107	0	0	0	0	0	0	0	0	0	0	0
367839.73	3758178.15	32	24	6	6	131	114	0	0	0	0	0	0	0	0	0	0	0
367874.18	3755433.41	24	24	10	8	122	115	1	1	0	0	0	0	0	0	0	1	0
367912.80	3758112.41	34	26	7	6	132	115	0	0	0	0	0	0	0	0	0	1	0
367934.21	3755439.76	25	24	10	8	122	115	1	1	0	0	0	0	0	0	0	1	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00	
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.					
368001.74	3755450.16	26	24	10	8	122	115	1	1	0	0	0	0	0	0	0	0	1	0
368067.33	3758044.68	40	29	7	7	141	120	0	0	0	0	0	0	0	0	0	0	1	0
368069.28	3755460.56	26	25	11	9	122	116	1	1	0	0	0	0	0	0	0	0	1	0
368136.81	3755470.96	27	26	11	10	122	117	1	1	0	0	0	0	0	0	0	0	1	0
368139.37	3758014.68	31	23	7	6	127	112	0	0	0	0	0	0	0	0	0	0	1	0
368217.94	3755478.99	27	27	11	10	122	118	1	1	0	0	0	0	0	0	0	0	1	0
368226.20	3757984.68	45	32	8	8	150	124	0	0	0	0	0	0	0	0	0	0	1	0
368310.20	3755477.83	28	27	11	10	123	119	1	1	0	0	0	0	0	0	0	0	1	0
368312.17	3757967.29	45	35	8	8	153	132	0	0	0	0	0	0	0	0	0	0	1	0
368386.06	3757966.42	42	35	8	8	151	133	0	0	0	0	0	0	0	0	0	0	1	0
368402.45	3755476.67	28	27	12	11	125	119	1	1	0	0	0	0	0	0	0	0	1	0
368459.96	3757965.55	38	37	7	7	149	128	0	0	0	0	0	0	0	0	0	0	1	0
368494.71	3755475.51	28	28	13	12	127	120	1	1	1	0	0	0	0	0	0	0	1	0
368533.85	3757964.68	39	32	7	7	140	117	0	0	0	0	0	0	0	0	0	0	1	0
368533.98	3757935.39	37	34	7	7	137	116	0	0	0	0	0	0	0	0	0	0	1	0
368586.97	3755474.35	29	27	14	13	127	121	1	1	1	0	0	0	0	0	0	0	1	0
368594.27	3757948.47	42	31	7	7	145	117	0	0	0	0	0	0	0	0	0	0	1	0
368657.87	3757978.44	54	34	8	7	167	119	0	0	0	0	0	0	0	0	0	0	1	0
368679.22	3755473.19	30	28	14	14	126	122	1	1	1	0	0	0	0	0	0	0	1	0
368710.99	3758011.46	48	38	8	7	165	127	0	0	0	0	0	0	0	0	0	0	1	0
368748.06	3758034.51	41	38	8	8	155	127	0	0	0	0	0	0	0	0	0	0	1	0
368771.48	3755472.04	29	28	15	14	125	122	1	1	1	0	0	0	0	0	0	0	0	0
368806.72	3758070.98	41	40	9	8	145	127	0	0	0	0	0	0	0	0	0	0	1	0
368863.73	3755470.88	29	28	15	13	126	122	1	1	1	0	0	0	0	0	0	0	1	0
368865.39	3758107.46	37	37	9	8	139	131	0	0	0	0	0	0	0	0	0	0	1	0
368931.37	3758150.49	33	32	9	7	138	129	0	0	0	0	0	0	0	0	0	0	1	0
368955.99	3755469.72	30	29	15	12	126	122	1	1	1	0	0	0	0	0	0	0	1	0
368974.29	3758177.61	31	31	9	6	136	125	0	0	0	0	0	0	0	0	0	0	1	0
368992.63	3758138.09	32	32	9	6	137	126	0	0	0	0	0	0	0	0	0	0	1	0
369011.06	3758086.77	34	33	10	7	140	129	0	0	0	0	0	0	0	0	0	0	1	0
369048.25	3755468.56	31	29	15	12	130	123	1	1	1	0	0	0	0	0	0	0	1	0
369097.31	3758131.13	37	36	9	6	136	123	0	0	0	0	0	0	0	0	0	0	1	0
369140.50	3755467.40	30	30	13	11	131	123	1	1	1	0	0	0	0	0	0	0	1	0
369216.91	3758091.16	39	38	10	7	135	124	0	0	0	0	0	0	0	0	0	0	1	0
369232.76	3755466.24	31	29	12	11	130	122	1	1	1	0	0	0	0	0	0	0	1	0
369267.76	3758146.04	28	28	8	6	121	114	0	0	0	0	0	0	0	0	0	0	1	0
369271.60	3758257.04	31	31	8	6	130	116	0	0	0	0	0	0	0	0	0	0	0	0
369323.20	3758086.63	30	29	9	7	125	117	0	0	0	0	0	0	0	0	0	0	1	0
369328.65	3758304.45	37	36	7	7	135	115	0	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCM/QD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
369329.84	3755464.79	33	31	11	10	135	121	1	1	1	0	0	0	0	0	0	1	0
369342.43	3757939.52	35	34	11	8	127	122	0	0	0	0	0	0	0	0	0	1	0
369386.54	3758429.44	37	33	6	6	133	115	0	0	0	0	0	0	0	0	0	1	0
369387.36	3758507.02	35	31	5	5	130	114	0	0	0	0	0	0	0	0	0	1	0
369409.11	3758008.60	34	33	9	7	131	118	0	0	0	0	0	0	0	0	0	1	0
369426.92	3755463.35	36	32	11	11	140	122	1	1	0	0	0	0	0	0	0	1	0
369468.66	3758583.75	27	26	6	5	129	109	0	0	0	0	0	0	0	0	0	0	0
369524.00	3755461.90	35	32	11	11	139	124	1	1	0	0	0	0	0	0	0	1	0
369549.13	3758582.89	30	29	7	7	125	109	0	0	0	0	0	0	0	0	0	0	0
369621.08	3755460.45	33	32	12	11	134	124	1	1	0	0	0	0	0	0	0	1	0
369629.61	3758582.03	35	33	9	7	128	108	0	0	0	0	0	0	0	0	0	0	0
369710.08	3758581.17	33	33	9	7	126	108	0	0	0	0	0	0	0	0	0	0	0
369718.16	3755459.00	34	32	13	12	134	125	1	1	0	0	0	0	0	0	0	1	0
369787.02	3758286.68	33	33	9	9	128	108	0	0	0	0	0	0	0	0	0	1	0
369788.19	3758398.38	30	30	8	8	124	108	0	0	0	0	0	0	0	0	0	1	0
369789.37	3758489.35	28	28	8	8	121	108	0	0	0	0	0	0	0	0	0	0	0
369815.24	3755457.56	36	33	16	11	137	121	1	1	0	0	0	0	0	0	0	1	0
369882.84	3758285.07	30	29	9	8	126	108	0	0	0	0	0	0	0	0	0	1	0
369912.32	3755456.11	34	33	17	12	135	122	1	1	0	0	0	0	0	0	0	1	0
369978.66	3758283.45	27	27	9	7	128	109	0	0	0	0	0	0	0	0	0	1	0
370009.40	3755454.66	37	32	16	13	129	121	1	1	0	0	0	0	0	0	0	1	0
370056.44	3758282.14	31	29	9	6	130	109	0	0	0	0	0	0	0	0	0	1	0
370106.48	3755453.21	36	32	14	14	132	122	1	1	0	0	0	0	0	0	0	1	0
370130.90	3758282.44	39	30	8	5	136	109	0	0	0	0	0	0	0	0	0	1	0
370203.56	3755451.77	35	31	14	11	133	119	1	1	0	0	0	0	0	0	0	1	0
370226.81	3758159.47	56	28	7	7	158	109	0	0	0	0	0	0	0	0	0	1	0
370227.55	3758221.46	53	27	7	7	153	109	0	0	0	0	0	0	0	0	0	1	0
370228.30	3758283.44	50	26	7	6	149	109	0	0	0	0	0	0	0	0	0	1	0
370253.14	3758168.84	55	28	7	7	157	108	0	0	0	0	0	0	0	0	0	1	0
370300.64	3755450.32	36	32	12	10	135	123	1	1	0	0	0	0	0	0	0	1	0
370308.97	3758176.51	50	29	6	6	151	109	0	0	0	0	0	0	0	0	0	1	0
370356.87	3758202.23	42	29	6	6	143	108	0	0	0	0	0	0	0	0	0	1	0
370397.72	3755448.87	34	32	11	9	131	124	1	1	0	0	0	0	0	0	0	1	0
370404.21	3758225.88	35	29	6	6	135	108	0	0	0	0	0	0	0	0	0	1	0
370422.64	3758284.19	33	29	6	6	132	108	0	0	0	0	0	0	0	0	0	1	0
370442.78	3758228.43	30	29	6	6	129	108	0	0	0	0	0	0	0	0	0	1	0
370465.02	3755455.18	33	32	9	9	129	123	1	1	0	0	0	0	0	0	0	1	0
370522.53	3758282.84	35	26	6	6	121	108	0	0	0	0	0	0	0	0	0	1	0
370558.15	3755458.94	32	30	10	9	125	122	1	1	0	0	0	0	0	0	0	1	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00	
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.					
370622.42	3758281.49	40	26	6	5	117	109	0	0	0	0	0	0	0	0	0	0	1	0
370624.63	3755467.51	31	28	11	9	126	121	0	0	0	0	0	0	0	0	0	0	1	0
370691.11	3755476.08	29	28	11	9	126	120	0	0	0	0	0	0	0	0	0	0	1	0
370722.31	3758280.14	44	28	6	6	122	108	0	0	0	0	0	0	0	0	0	0	1	0
370757.38	3755493.32	29	29	10	9	126	119	0	0	0	0	0	0	0	0	0	0	1	0
370792.87	3757995.38	44	42	9	7	131	114	1	1	0	0	0	0	0	0	0	0	1	0
370797.01	3758107.02	49	35	7	7	129	111	0	0	0	0	0	0	0	0	0	0	1	0
370798.36	3758194.12	49	31	7	6	127	110	0	0	0	0	0	0	0	0	0	0	1	0
370798.51	3757946.46	47	37	10	7	131	118	1	1	0	0	0	0	0	0	0	0	1	0
370799.71	3758281.23	44	30	6	6	124	109	0	0	0	0	0	0	0	0	0	0	1	0
370807.53	3755529.02	29	29	10	8	124	120	0	0	0	0	0	0	0	0	0	0	1	0
370818.52	3757901.47	50	39	10	8	136	121	1	1	0	0	0	0	0	0	0	0	1	0
370851.08	3757864.53	53	41	11	9	140	122	1	1	1	0	0	0	0	0	0	0	1	0
370854.34	3755560.20	29	28	10	9	123	118	0	0	0	0	0	0	0	0	0	0	1	0
370901.14	3755591.38	29	27	9	9	121	117	0	0	0	0	0	0	0	0	0	0	1	0
370908.58	3757858.61	57	44	10	10	140	122	1	1	1	0	0	0	0	0	0	0	1	0
370929.68	3755646.61	29	29	10	9	121	117	1	1	0	0	0	0	0	0	0	0	1	0
370932.48	3755705.67	31	31	10	9	125	118	1	1	0	0	0	0	0	0	0	0	1	0
370959.17	3757378.41	82	78	28	25	169	153	2	2	1	0	0	0	0	0	0	0	1	0
370959.96	3757296.11	92	78	30	28	176	164	2	2	1	0	0	0	0	0	0	0	1	0
370960.75	3757213.81	87	79	30	30	176	171	3	3	1	1	1	0	0	0	0	0	1	1
370961.54	3757131.50	82	77	30	30	179	176	4	4	1	1	1	0	0	0	0	0	1	1
370962.33	3757049.20	89	84	38	34	187	179	5	5	2	1	1	1	0	0	0	0	1	1
370963.12	3756966.90	130	126	59	45	195	189	7	7	3	2	1	1	0	0	0	0	1	1
370966.07	3757852.69	61	50	11	10	139	123	1	1	1	0	0	0	0	0	0	0	1	0
370968.09	3757808.70	63	49	11	10	139	125	1	1	1	0	0	0	0	0	0	0	1	0
370983.75	3755705.22	32	31	10	8	126	117	1	1	0	0	0	0	0	0	0	0	1	0
370986.42	3755628.02	29	28	10	8	121	116	0	0	0	0	0	0	0	0	0	0	1	0
370989.10	3755550.81	27	26	9	8	118	115	0	0	0	0	0	0	0	0	0	0	1	0
370991.77	3755473.61	26	25	8	8	119	113	0	0	0	0	0	0	0	0	0	0	1	0
371017.44	3757371.98	93	87	27	24	168	152	2	2	1	0	0	0	0	0	0	0	1	0
371039.92	3757778.95	71	55	12	12	139	126	1	1	1	0	0	0	0	0	0	0	1	0
371061.56	3756965.39	106	97	47	33	194	184	6	6	2	2	2	1	0	0	0	0	2	1
371064.57	3755405.04	24	24	8	7	117	112	0	0	0	0	0	0	0	0	0	0	1	0
371078.64	3757842.57	73	67	11	10	135	121	1	1	1	0	0	0	0	0	0	0	1	0
371116.65	3757378.24	124	109	25	23	162	151	2	2	1	0	0	0	0	0	0	0	1	1
371117.35	3757906.19	86	53	11	10	133	120	1	1	1	0	0	0	0	0	0	0	1	0
371160.25	3755403.96	23	23	8	6	116	111	0	0	0	0	0	0	0	0	0	0	1	0
371160.00	3756963.88	95	88	38	26	189	182	5	5	2	3	2	1	1	1	0	0	3	1

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQMD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
UTM X	UTM Y	Avg Conc.																	
371173.76	3757954.26	83	58	10	10	131	118	1	1	1	0	0	0	0	0	0	0	1	0
371174.47	3757986.09	74	55	9	9	130	118	1	1	1	0	0	0	0	0	0	0	1	0
371208.04	3757297.08	152	138	22	21	164	154	3	3	2	0	0	0	0	0	0	0	1	1
371208.86	3757379.92	177	156	28	25	157	148	3	3	2	0	0	0	0	0	0	0	1	1
371210.97	3757210.00	113	108	22	20	169	162	3	3	1	1	0	0	0	0	0	0	1	1
371243.87	3757985.25	65	56	10	9	128	117	1	1	0	0	0	0	0	0	0	0	1	0
371255.94	3755402.89	24	23	7	6	117	112	0	0	0	0	0	0	0	0	0	0	1	0
371258.45	3756962.36	153	105	32	23	193	186	6	6	4	3	2	2	1	1	0	4	1	1
371275.69	3757208.66	113	104	20	19	169	160	3	3	1	0	0	0	0	0	0	0	1	1
371313.27	3757984.41	52	51	11	9	128	116	1	1	0	0	0	0	0	0	0	0	1	0
371348.54	3758024.62	40	37	9	9	126	115	1	1	0	0	0	0	0	0	0	0	1	0
371351.62	3755401.81	24	22	7	6	117	111	0	0	0	0	0	0	0	0	0	0	1	0
371356.75	3757207.46	110	103	18	18	167	154	3	3	2	0	0	0	0	0	0	0	1	1
371356.89	3756960.85	202	159	31	28	183	174	7	7	5	2	2	1	1	1	0	3	2	2
371402.37	3758061.24	31	31	8	8	125	114	1	1	0	0	0	0	0	0	0	0	1	0
371437.81	3757206.27	117	105	17	17	164	151	3	3	1	0	0	0	0	0	0	0	1	1
371447.31	3755400.73	23	21	7	5	117	110	0	0	0	0	0	0	0	0	0	0	1	0
371455.33	3756959.34	198	180	27	25	177	170	5	5	4	1	1	1	0	0	0	2	1	1
371474.09	3758110.88	33	27	8	7	123	114	1	1	0	0	0	0	0	0	0	0	1	0
371518.87	3757205.07	119	103	20	20	159	149	3	3	1	0	0	0	0	0	0	0	1	1
371537.39	3758154.69	35	25	7	7	124	114	1	1	0	0	0	0	0	0	0	0	1	0
371542.99	3755399.65	21	19	6	5	117	110	0	0	0	0	0	0	0	0	0	0	1	0
371599.93	3757203.87	110	107	22	22	153	147	3	3	1	0	0	0	0	0	0	0	1	1
371600.70	3758198.51	31	24	7	7	125	115	1	1	0	0	0	0	0	0	0	0	1	0
371613.52	3756957.47	116	66	19	15	166	154	3	3	2	1	0	0	0	0	0	0	2	1
371638.68	3755398.58	20	19	6	5	116	109	0	0	0	0	0	0	0	0	0	0	1	0
371652.22	3756956.31	105	66	18	14	163	153	2	2	1	1	0	0	0	0	0	0	2	1
371664.00	3758242.33	23	23	7	7	128	115	1	1	0	0	0	0	0	0	0	0	1	0
371678.83	3757376.47	263	258	93	76	159	134	6	6	4	0	0	0	0	0	0	0	2	1
371680.99	3757202.68	97	90	23	22	151	144	3	3	1	0	0	0	0	0	0	0	2	0
371683.71	3757291.78	182	144	38	37	150	137	3	3	2	0	0	0	0	0	0	0	2	1
371734.36	3755397.50	19	19	6	5	115	109	0	0	0	0	0	0	0	0	0	0	1	0
371750.66	3756954.80	83	62	17	13	155	150	2	2	1	0	0	0	0	0	0	0	2	0
371767.81	3758230.27	22	22	7	7	134	115	1	1	0	0	0	0	0	0	0	0	1	0
371801.04	3755399.23	18	18	6	5	114	109	0	0	0	0	0	0	0	0	0	0	1	0
371812.25	3757364.20	518	485	67	61	162	130	5	5	5	0	0	0	0	0	0	0	2	1
371825.62	3758161.92	25	25	8	8	136	116	1	1	0	0	0	0	0	0	0	0	1	0
371849.10	3756953.29	69	44	15	11	151	145	2	2	1	0	0	0	0	0	0	0	3	0
371866.03	3757363.09	347	245	65	64	165	132	4	4	4	0	0	0	0	0	0	0	2	1

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQMD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
UTM X	UTM Y	Avg Conc.																	
371867.72	3755400.96	18	18	6	4	114	108	0	0	0	0	0	0	0	0	0	0	1	0
371895.02	3758059.68	38	27	10	9	138	118	1	1	0	0	0	0	0	0	0	0	2	0
371898.90	3758134.17	30	25	9	8	141	117	1	1	0	0	0	0	0	0	0	0	2	0
371909.58	3757435.59	961	278	120	119	168	131	15	15	9	0	0	0	0	0	0	0	2	2
371916.85	3757398.54	270	264	55	54	168	132	6	6	4	0	0	0	0	0	0	0	2	1
371917.20	3757362.27	267	255	40	38	168	131	4	4	2	0	0	0	0	0	0	0	2	1
371927.01	3757742.18	144	137	26	25	145	126	4	4	2	0	0	0	0	0	0	0	2	0
371928.06	3757790.69	160	129	22	20	148	127	3	3	1	0	0	0	0	0	0	0	2	0
371934.40	3755402.69	19	18	6	4	113	108	0	0	0	0	0	0	0	0	0	0	1	0
371934.40	3757852.44	118	109	16	16	146	123	2	2	1	0	0	0	0	0	0	0	2	0
371937.61	3757919.43	83	55	13	12	143	123	1	1	1	0	0	0	0	0	0	0	2	0
371940.82	3757986.42	61	30	11	11	139	122	1	1	1	0	0	0	0	0	0	0	2	0
371944.03	3758053.41	45	25	10	9	142	119	1	1	0	0	0	0	0	0	0	0	2	0
371947.54	3756951.78	58	50	14	10	152	142	2	2	1	0	0	0	0	0	0	0	3	0
371954.98	3757424.18	441	140	62	56	168	132	8	8	4	0	0	0	0	0	0	0	2	1
372007.70	3757423.51	291	109	43	40	169	131	7	7	3	0	0	0	0	0	0	0	2	1
372031.48	3757755.88	396	277	69	56	161	130	5	5	3	0	0	0	0	0	0	0	2	1
372033.85	3755399.05	19	17	6	4	113	109	0	0	0	0	0	0	0	0	0	0	1	0
372045.99	3756950.26	59	50	13	9	156	138	1	1	1	0	0	0	0	0	0	0	3	0
372060.42	3757422.83	217	84	33	31	169	132	6	6	3	0	0	0	0	0	0	0	3	1
372097.97	3757754.97	533	222	70	67	166	131	8	8	4	0	0	0	0	0	0	0	2	1
372114.62	3757440.24	197	64	28	28	170	134	6	6	3	0	0	0	0	0	0	0	3	1
372133.29	3755395.42	19	17	5	4	113	108	0	0	0	0	0	0	0	0	0	0	1	0
372144.43	3756948.75	56	44	12	8	168	145	1	1	1	0	0	0	0	0	0	0	3	0
372152.01	3757362.33	83	46	19	19	171	135	4	4	1	0	0	0	0	0	0	0	3	1
372153.80	3757418.83	149	54	23	22	171	136	6	6	2	0	0	0	0	0	0	0	3	1
372154.47	3757439.86	170	57	24	24	171	135	7	7	2	0	0	0	0	0	0	0	3	1
372156.97	3757518.41	185	126	24	24	169	134	6	6	2	0	0	0	0	0	0	0	3	1
372159.47	3757596.96	209	166	29	28	162	137	7	7	2	0	0	0	0	0	0	0	3	1
372161.97	3757675.51	405	323	51	49	165	133	9	9	3	0	0	0	0	0	0	0	3	1
372164.46	3757754.06	413	235	52	49	166	133	7	7	2	0	0	0	0	0	0	0	2	1
372232.73	3755391.79	18	17	5	3	115	108	0	0	0	0	0	0	0	0	0	0	1	0
372242.87	3756947.24	44	39	11	8	170	146	1	1	1	0	0	0	0	0	0	0	4	0
372332.18	3755388.15	18	16	5	3	117	108	0	0	0	0	0	0	0	0	0	0	1	0
372341.31	3756945.73	39	35	10	7	171	155	1	1	1	0	0	0	0	0	0	0	4	0
372410.73	3755381.99	17	15	4	3	119	109	0	0	0	0	0	0	0	0	0	0	1	0
372439.76	3756944.21	35	32	9	7	174	161	1	1	1	0	0	0	0	0	0	0	5	0
372489.28	3755375.83	16	14	4	3	119	109	0	0	0	0	0	0	0	0	0	0	1	0
372538.20	3756942.70	30	29	9	7	175	160	1	1	1	0	0	0	0	0	0	0	6	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
UTM X	UTM Y	Avg Conc.																	
372567.83	3755369.67	15	14	4	3	117	109	0	0	0	0	0	0	0	0	0	0	1	0
372621.24	3755369.96	15	14	3	3	115	109	0	0	0	0	0	0	0	0	0	0	1	0
372627.96	3756505.77	24	18	5	5	157	120	1	1	0	0	0	0	0	0	0	0	3	0
372628.35	3756589.05	23	21	6	5	158	121	1	1	0	0	0	0	0	0	0	0	3	0
372630.81	3757026.03	31	31	8	8	180	166	1	1	1	1	0	0	0	0	0	0	7	0
372632.23	3757120.50	37	37	10	9	188	175	2	2	1	1	1	0	0	0	0	0	7	0
372632.53	3756752.34	26	21	7	7	159	131	1	1	0	0	0	0	0	0	0	0	3	0
372634.59	3756846.76	27	24	8	7	168	141	1	1	0	0	0	0	0	0	0	0	4	0
372634.70	3757211.58	50	47	13	13	185	176	2	2	1	1	1	0	0	0	0	0	8	0
372636.64	3756941.19	28	26	8	6	173	160	1	1	1	0	0	0	0	0	0	0	6	0
372650.02	3757248.61	56	51	16	15	186	177	3	3	1	1	1	0	0	0	0	0	8	0
372671.90	3757332.14	85	85	30	29	187	175	4	4	2	1	1	0	0	0	0	0	7	1
372672.36	3756975.42	29	27	8	7	175	162	1	1	1	0	0	0	0	0	0	0	7	0
372672.57	3757018.04	31	30	8	8	178	165	1	1	1	1	0	0	0	0	0	0	8	0
372692.63	3756588.53	22	21	6	5	158	122	1	1	0	0	0	0	0	0	0	0	3	0
372694.60	3756751.91	25	21	7	6	160	125	1	1	0	0	0	0	0	0	0	0	3	0
372697.78	3755368.97	14	14	3	3	111	108	0	0	0	0	0	0	0	0	0	0	1	0
372704.41	3757417.13	241	240	82	69	204	190	15	15	6	1	1	0	0	0	0	0	8	2
372725.34	3756505.44	21	19	5	5	157	121	1	1	0	0	0	0	0	0	0	0	3	0
372730.58	3756678.55	24	20	6	6	160	124	1	1	0	0	0	0	0	0	0	0	4	0
372739.22	3757507.15	185	146	55	51	203	187	15	15	4	1	0	0	0	0	0	0	9	2
372756.67	3756751.48	24	20	7	6	161	127	1	1	0	0	0	0	0	0	0	0	4	0
372768.35	3756973.59	26	25	8	6	171	157	1	1	1	0	0	0	0	0	0	0	6	0
372770.71	3757656.89	87	53	16	15	179	150	4	4	1	1	0	0	0	0	0	0	11	1
372773.23	3757598.18	134	92	22	21	178	155	6	6	2	1	0	0	0	0	0	0	11	1
372774.32	3755367.98	14	13	3	3	111	107	0	0	0	0	0	0	0	0	0	0	1	0
372774.75	3757745.62	83	27	13	12	180	140	3	3	1	1	0	0	0	0	0	0	9	0
372784.40	3757635.25	85	67	17	16	180	148	4	4	2	1	0	0	0	0	0	0	12	1
372822.71	3756505.12	19	17	4	4	151	121	0	0	0	0	0	0	0	0	0	0	3	0
372839.80	3757745.93	78	22	12	11	183	147	3	3	1	1	0	0	0	0	0	0	10	1
372850.87	3755366.99	14	13	3	2	111	107	0	0	0	0	0	0	0	0	0	0	1	0
372864.35	3756971.76	23	19	7	6	167	148	1	1	0	1	0	0	0	0	0	0	8	0
372904.85	3757746.24	74	26	11	11	182	154	3	3	1	1	0	0	0	0	0	0	11	1
372910.27	3757732.13	75	28	12	11	185	157	3	3	1	1	0	0	0	0	0	0	13	1
372919.43	3756436.58	18	16	4	4	145	120	0	0	0	0	0	0	0	0	0	0	2	0
372920.09	3756504.79	19	16	4	4	150	122	0	0	0	0	0	0	0	0	0	0	3	0
372927.41	3755366.00	14	12	3	2	111	107	0	0	0	0	0	0	0	0	0	0	1	0
372927.86	3755465.33	14	13	3	2	111	107	0	0	0	0	0	0	0	0	0	0	1	0
372928.32	3755564.67	14	14	3	2	112	107	0	0	0	0	0	0	0	0	0	0	1	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCM/QD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00	
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.					
372928.77	3755664.00	15	15	3	2	112	108	0	0	0	0	0	0	0	0	0	0	1	0
372929.23	3755763.34	16	15	3	2	114	108	0	0	0	0	0	0	0	0	0	0	1	0
372947.75	3756971.61	22	18	7	6	165	141	1	1	0	1	0	0	0	0	0	0	8	1
372992.82	3755761.76	16	14	2	2	113	108	0	0	0	0	0	0	0	0	0	0	1	0
372995.87	3757731.75	70	42	12	12	182	166	3	3	1	1	0	0	0	0	0	0	13	1
373004.43	3756435.35	18	14	4	4	139	117	0	0	0	0	0	0	0	0	0	0	2	0
373031.15	3756971.45	21	20	6	5	162	139	1	1	0	0	0	0	0	0	0	0	6	0
373056.40	3755760.18	16	14	2	2	113	107	0	0	0	0	0	0	0	0	0	0	1	0
373057.59	3755829.92	16	13	3	2	114	108	0	0	0	0	0	0	0	0	0	0	1	0
373058.79	3755899.65	16	15	3	3	114	109	0	0	0	0	0	0	0	0	0	0	1	0
373077.68	3757731.38	67	62	11	11	181	168	3	3	1	1	0	0	0	0	0	0	13	1
373089.44	3756434.13	17	14	4	4	130	115	0	0	0	0	0	0	0	0	0	0	2	0
373118.11	3756991.19	23	20	6	5	165	139	1	1	1	0	0	0	0	0	0	0	5	0
373137.84	3755759.39	15	13	2	2	113	107	0	0	0	0	0	0	0	0	0	0	1	0
373138.33	3755829.37	15	13	3	2	114	107	0	0	0	0	0	0	0	0	0	0	1	0
373138.82	3755899.35	15	15	3	3	114	107	0	0	0	0	0	0	0	0	0	0	1	0
373159.49	3757731.01	66	66	11	11	187	161	4	4	1	1	0	0	0	0	0	0	14	2
373174.45	3756432.91	17	13	4	4	120	114	0	0	0	0	0	0	0	0	0	0	1	0
373179.17	3757023.66	23	21	6	5	167	139	1	1	1	0	0	0	0	0	0	0	5	0
373213.14	3755758.34	14	13	2	2	113	107	0	0	0	0	0	0	0	0	0	0	1	0
373236.62	3757073.64	22	22	6	5	168	140	1	1	1	0	0	0	0	0	0	0	7	0
373241.30	3757730.64	66	53	11	10	199	175	4	4	1	1	0	0	0	0	0	0	15	2
373259.45	3756431.68	16	13	3	3	118	110	0	0	0	0	0	0	0	0	0	0	1	0
373288.44	3755757.29	13	12	2	2	112	107	0	0	0	0	0	0	0	0	0	0	1	0
373303.06	3757072.90	21	21	6	5	168	136	1	1	1	0	0	0	0	0	0	0	6	0
373317.14	3756432.03	15	13	3	3	119	110	0	0	0	0	0	0	0	0	0	0	1	0
373323.11	3757730.27	67	37	10	9	205	170	3	3	1	1	0	0	0	0	0	0	11	2
373323.28	3757744.87	64	39	10	9	200	167	3	3	1	1	0	0	0	0	0	0	9	1
373363.74	3755756.24	13	12	2	2	111	107	0	0	0	0	0	0	0	0	0	0	1	0
373365.13	3755845.96	14	13	2	2	112	107	0	0	0	0	0	0	0	0	0	0	1	0
373366.53	3755935.69	15	13	3	3	112	108	0	0	0	0	0	0	0	0	0	0	1	0
373367.92	3756025.41	15	13	3	3	113	108	0	0	0	0	0	0	0	0	0	0	1	0
373369.31	3756115.13	15	14	3	3	114	108	0	0	0	0	0	0	0	0	0	0	1	0
373369.50	3757072.16	21	19	5	5	169	130	1	1	1	0	0	0	0	0	0	0	5	0
373370.37	3757159.75	24	18	6	5	175	145	1	1	1	1	0	0	0	0	0	0	7	1
373370.71	3756204.86	15	14	3	3	116	109	0	0	0	0	0	0	0	0	0	0	1	0
373371.24	3757247.34	29	19	7	6	179	164	2	2	1	1	0	0	0	0	0	0	11	2
373372.10	3756294.58	15	13	3	3	117	108	0	0	0	0	0	0	0	0	0	0	1	0
373372.12	3757334.94	40	20	9	6	186	153	2	2	1	1	0	0	0	0	0	0	13	2

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
373372.99	3757422.53	64	25	10	10	182	147	4	4	1	1	0	0	0	0	0	13	2
373373.72	3756378.86	15	12	3	3	119	109	0	0	0	0	0	0	0	0	0	1	0
373373.86	3757510.12	90	26	12	11	187	168	4	4	2	1	0	0	0	0	0	14	3
373374.73	3757597.71	93	26	12	11	206	176	4	4	2	1	0	0	0	0	0	16	3
373374.83	3756432.37	15	12	3	3	120	111	0	0	0	0	0	0	0	0	0	1	0
373375.60	3757685.31	76	23	10	9	199	162	3	3	1	1	0	0	0	0	0	11	2
373393.43	3757684.85	76	23	10	9	197	160	3	3	1	1	0	0	0	0	0	10	2
373394.30	3757744.19	64	27	9	8	193	154	3	3	1	1	0	0	0	0	0	8	1
367047.63	3761097.01	8	6	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370737.54	3762942.92	5	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
371031.93	3758057.86	65	44	8	8	131	114	1	1	0	0	0	0	0	0	0	1	0
371034.38	3758338.88	29	25	7	6	127	112	0	0	0	0	0	0	0	0	0	1	0
371091.65	3754274.94	15	14	4	4	108	106	0	0	0	0	0	0	0	0	0	0	0
371165.78	3758547.83	22	21	5	4	125	113	0	0	0	0	0	0	0	0	0	1	0
372241.00	3757383.00	89	55	17	15	172	141	4	4	1	0	0	0	0	0	0	3	1
372703.01	3761799.64	9	8	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
374194.97	3754806.86	9	8	2	1	108	106	0	0	0	0	0	0	0	0	0	0	0
374697.43	3760305.50	14	9	2	2	108	106	0	0	0	0	0	0	0	0	0	0	0
375423.74	3758805.14	11	11	3	3	111	108	0	0	0	0	0	0	0	0	0	1	0
375433.42	3757541.59	22	7	3	2	129	106	0	0	0	0	0	0	0	0	0	1	0
378090.06	3758535.33	18	8	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
368494.88	3756671.28	37	37	20	19	144	141	1	1	1	0	0	0	0	0	0	0	0
370394.80	3756845.73	199	192	97	80	205	203	12	12	7	3	3	2	1	1	0	4	3
368983.23	3754581.57	19	17	5	5	116	107	0	0	0	0	0	0	0	0	0	1	0
369216.41	3758422.45	29	29	7	6	128	113	0	0	0	0	0	0	0	0	0	0	0
369532.57	3755391.67	46	43	11	11	149	138	1	1	0	0	0	0	0	0	0	1	0
369574.04	3758166.39	37	35	9	8	139	119	0	0	0	0	0	0	0	0	0	0	0
369581.37	3758516.07	34	32	8	7	126	110	0	0	0	0	0	0	0	0	0	1	0
369830.08	3755394.84	42	39	18	11	145	127	1	1	1	0	0	0	0	0	0	1	0
370114.12	3758186.53	41	28	9	5	137	109	0	0	0	0	0	0	0	0	0	1	0
371021.69	3757820.60	67	56	11	10	137	123	1	1	1	0	0	0	0	0	0	1	0
366809.77	3757837.27	14	13	5	5	110	106	0	0	0	0	0	0	0	0	0	0	0
366843.26	3757860.52	14	13	5	5	109	106	0	0	0	0	0	0	0	0	0	0	0
366900.00	3758500.00	12	12	3	3	107	106	0	0	0	0	0	0	0	0	0	0	0
366900.00	3762500.00	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366900.00	3763500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366900.00	3764500.00	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366982.41	3757958.65	14	13	5	5	109	107	0	0	0	0	0	0	0	0	0	0	0
367163.97	3758028.80	14	14	5	4	110	107	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCM/QD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00	
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.					
367275.38	3757999.92	15	15	6	5	110	107	0	0	0	0	0	0	0	0	0	0	1	0
367395.04	3758065.94	14	14	5	4	110	107	0	0	0	0	0	0	0	0	0	0	0	0
367880.40	3758145.84	33	25	6	6	131	114	0	0	0	0	0	0	0	0	0	0	0	0
367900.00	3761500.00	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
367900.00	3762500.00	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
367900.00	3764500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368068.97	3758068.94	41	29	7	7	144	122	0	0	0	0	0	0	0	0	0	0	1	0
368182.48	3758015.85	39	28	7	7	140	117	0	0	0	0	0	0	0	0	0	0	1	0
368416.83	3757988.39	38	33	8	7	149	131	0	0	0	0	0	0	0	0	0	0	1	0
368577.94	3757979.23	42	29	7	6	147	116	0	0	0	0	0	0	0	0	0	0	1	0
368764.68	3758079.93	41	40	9	8	146	127	0	0	0	0	0	0	0	0	0	0	1	0
368900.00	3754500.00	17	16	5	5	114	106	0	0	0	0	0	0	0	0	0	0	1	0
368900.00	3759500.00	22	21	3	3	118	107	0	0	0	0	0	0	0	0	0	0	1	0
368900.00	3761500.00	7	7	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368900.00	3762500.00	6	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
368900.00	3763500.00	6	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
368900.00	3764500.00	5	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
368944.10	3758186.12	31	31	9	6	136	125	0	0	0	0	0	0	0	0	0	0	1	0
369206.25	3758147.26	36	35	9	7	133	121	0	0	0	0	0	0	0	0	0	0	1	0
369268.49	3758066.34	39	38	10	7	135	123	0	0	0	0	0	0	0	0	0	0	1	0
369333.85	3757999.43	40	37	10	8	132	123	0	0	0	0	0	0	0	0	0	0	1	0
369425.60	3758641.99	27	25	6	5	127	108	0	0	0	0	0	0	0	0	0	0	0	0
369599.53	3758634.67	33	30	8	7	125	108	0	0	0	0	0	0	0	0	0	0	0	0
369775.29	3758632.83	31	30	8	7	123	108	0	0	0	0	0	0	0	0	0	0	0	0
369834.01	3758329.33	31	30	9	8	125	108	0	0	0	0	0	0	0	0	0	0	1	0
369900.00	3754500.00	18	17	9	6	115	107	0	0	0	0	0	0	0	0	0	0	1	0
369900.00	3758500.00	24	24	8	6	121	107	0	0	0	0	0	0	0	0	0	0	0	0
369900.00	3759500.00	18	17	4	3	117	107	0	0	0	0	0	0	0	0	0	0	0	0
369900.00	3761500.00	7	7	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
369900.00	3762500.00	5	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
369900.00	3764500.00	4	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370006.10	3758331.16	29	29	9	6	135	110	0	0	0	0	0	0	0	0	0	0	1	0
370183.69	3758338.49	49	28	7	6	150	109	0	0	0	0	0	0	0	0	0	0	1	0
370425.35	3758336.66	34	31	6	5	132	108	0	0	0	0	0	0	0	0	0	0	1	0
370701.79	3758334.82	41	27	6	5	119	109	0	0	0	0	0	0	0	0	0	0	1	0
370780.52	3758327.50	41	29	6	5	122	110	0	0	0	0	0	0	0	0	0	0	1	0
370900.00	3759500.00	17	17	4	2	115	107	0	0	0	0	0	0	0	0	0	0	1	0
370900.00	3760500.00	16	11	2	2	112	106	0	0	0	0	0	0	0	0	0	0	0	0
370900.00	3762500.00	8	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
370900.00	3763500.00	5	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370900.00	3764500.00	3	3	1	0	107	106	0	0	0	0	0	0	0	0	0	0	0
371295.29	3758036.94	44	43	9	9	127	116	1	1	0	0	0	0	0	0	0	1	0
371421.46	3758118.19	31	27	8	7	123	113	1	1	0	0	0	0	0	0	0	1	0
371550.51	3758209.00	32	25	7	6	126	115	1	1	0	0	0	0	0	0	0	1	0
371685.28	3758299.81	23	21	6	6	135	115	1	1	0	0	0	0	0	0	0	1	0
371754.11	3758291.20	22	20	7	7	135	114	1	1	0	0	0	0	0	0	0	1	0
371807.64	3758213.78	23	23	7	7	137	115	1	1	0	0	0	0	0	0	0	1	0
371874.55	3758164.07	27	25	8	7	140	116	1	1	0	0	0	0	0	0	0	1	0
371900.00	3758500.00	19	16	6	5	135	112	0	0	0	0	0	0	0	0	0	2	0
371900.00	3759500.00	10	10	2	2	108	106	0	0	0	0	0	0	0	0	0	0	0
371900.00	3762500.00	7	7	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
371900.00	3763500.00	5	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
371933.81	3758104.81	36	25	10	8	143	118	1	1	0	0	0	0	0	0	0	2	0
372241.00	3757883.00	174	50	22	20	168	125	2	2	1	0	0	0	0	0	0	3	0
372241.00	3757983.00	100	34	15	13	167	121	1	1	1	0	0	0	0	0	0	2	0
372341.00	3757883.00	167	40	21	17	169	126	2	2	1	0	0	0	0	0	0	3	0
372341.00	3757983.00	124	35	16	13	168	121	1	1	1	0	0	0	0	0	0	3	0
372900.00	3753500.00	8	8	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
372900.00	3754500.00	10	10	3	2	108	106	0	0	0	0	0	0	0	0	0	1	0
372900.00	3759500.00	11	10	3	2	111	107	0	0	0	0	0	0	0	0	0	0	0
372900.00	3760500.00	7	7	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
372900.00	3761500.00	8	7	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
372900.00	3762500.00	8	7	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
373541.00	3757783.00	57	19	7	7	182	137	2	2	1	1	0	0	0	0	0	6	1
373541.00	3757883.00	45	24	7	6	179	133	2	2	1	0	0	0	0	0	0	5	0
373541.00	3757983.00	34	28	6	6	172	128	1	1	0	0	0	0	0	0	0	3	0
373641.00	3756983.00	15	13	5	4	146	114	1	1	0	0	0	0	0	0	0	3	0
373641.00	3757083.00	18	14	5	5	135	118	1	1	0	0	0	0	0	0	0	3	0
373641.00	3757183.00	23	14	5	5	150	121	1	1	0	0	0	0	0	0	0	3	0
373641.00	3757283.00	30	14	6	4	159	121	1	1	1	0	0	0	0	0	0	4	0
373641.00	3757383.00	42	17	6	6	164	124	1	1	1	0	0	0	0	0	0	6	1
373641.00	3757483.00	58	19	7	7	165	127	2	2	1	1	0	0	0	0	0	6	1
373641.00	3757583.00	69	19	9	8	169	128	2	2	1	1	0	0	0	0	0	6	1
373641.00	3757683.00	67	19	8	8	173	132	2	2	1	0	0	0	0	0	0	5	1
373641.00	3757783.00	56	17	7	6	177	134	2	2	1	0	0	0	0	0	0	5	1
373641.00	3757883.00	45	17	6	6	177	129	2	2	1	0	0	0	0	0	0	4	0
373641.00	3757983.00	34	23	6	6	174	125	1	1	0	0	0	0	0	0	0	4	0
373687.89	3757980.08	35	20	6	6	174	126	1	1	0	0	0	0	0	0	0	4	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
373900.00	3753500.00	7	7	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3754500.00	9	9	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3755500.00	10	10	2	2	111	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3756500.00	11	11	3	3	127	107	0	0	0	0	0	0	0	0	0	1	0
373900.00	3757500.00	48	15	6	6	160	119	1	1	1	0	0	0	0	0	0	4	0
373900.00	3758500.00	23	10	4	4	117	111	1	1	0	0	0	0	0	0	0	1	0
373900.00	3760500.00	10	9	3	1	110	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3761500.00	10	8	1	1	109	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3764500.00	5	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3754500.00	7	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3755500.00	9	8	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3756500.00	8	8	2	2	108	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3757500.00	26	9	3	3	143	107	0	0	0	0	0	0	0	0	0	2	0
374900.00	3759500.00	23	10	4	3	111	106	0	0	0	0	0	0	0	0	0	1	0
374900.00	3760500.00	13	10	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3761500.00	9	7	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3762500.00	7	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3763500.00	4	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3764500.00	4	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3753500.00	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3755500.00	7	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3756500.00	7	6	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3760500.00	24	9	3	3	108	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3761500.00	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3762500.00	8	7	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3763500.00	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3764500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
376084.62	3761776.42	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3755500.00	5	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3756500.00	5	5	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3758500.00	15	10	2	2	108	106	0	0	0	0	0	0	0	0	0	1	0
376900.00	3759500.00	10	9	2	2	108	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3760500.00	9	7	3	1	107	106	0	0	0	0	0	0	0	0	0	1	0
376900.00	3761500.00	18	7	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3762500.00	4	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3764500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3753500.00	4	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3754500.00	4	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3755500.00	4	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
377900.00	3756500.00	9	8	2	2	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3757500.00	8	8	1	1	108	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3759500.00	8	8	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3760500.00	6	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3761500.00	11	5	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3762500.00	11	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3763500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3764500.00	3	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378528.59	3764156.44	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3753500.00	3	3	0	0	107	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3755500.00	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3756500.00	8	8	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3757500.00	6	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3758500.00	19	7	2	2	108	106	0	0	0	0	0	0	0	0	0	1	0
378900.00	3759500.00	6	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3760500.00	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3762500.00	12	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3763500.00	7	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3764500.00	3	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378902.85	3757271.45	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3754500.00	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3755500.00	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3756500.00	6	6	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3757500.00	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3759500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3760500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3761500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3762500.00	5	4	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3763500.00	11	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3764500.00	5	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3753500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3754500.00	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3755500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3756500.00	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3757500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3758500.00	13	4	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3759500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3760500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3761500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCM <sub>QD</sub> PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
380900.00	3762500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3763500.00	7	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
381900.00	3754500.00	4	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
381900.00	3755500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
381900.00	3756500.00	4	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
381900.00	3757500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
381900.00	3759500.00	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
381900.00	3760500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
381900.00	3761500.00	4	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
381900.00	3762500.00	4	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
381900.00	3763500.00	4	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
381900.00	3764500.00	8	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3753500.00	3	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3754500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3755500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3756500.00	2	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3757500.00	3	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3758500.00	9	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3759500.00	7	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3760500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3761500.00	4	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3762500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3763500.00	4	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
382900.00	3764500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
383900.00	3753500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
383900.00	3754500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
383900.00	3755500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
383900.00	3756500.00	2	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
383900.00	3757500.00	2	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
383900.00	3762500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
383900.00	3763500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
383900.00	3764500.00	3	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
384900.00	3753500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
384900.00	3754500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
384900.00	3755500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
384900.00	3756500.00	2	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
384900.00	3757500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
384900.00	3758500.00	6	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
384900.00	3759500.00	8	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
384900.00	3760500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
384900.00	3761500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
384900.00	3762500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
384900.00	3763500.00	3	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
384900.00	3764500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
371641.00	3756983.00	102	69	19	15	163	154	3	3	1	0	0	0	0	0	0	2	1
371741.00	3756983.00	84	68	17	14	156	148	2	2	1	0	0	0	0	0	0	2	0
371841.00	3756983.00	71	48	15	12	151	145	2	2	1	0	0	0	0	0	0	2	0
371941.00	3756983.00	61	55	14	10	152	141	2	2	1	0	0	0	0	0	0	3	0
371941.00	3757683.00	181	175	31	29	141	125	5	5	2	0	0	0	0	0	0	2	1
372041.00	3756983.00	64	53	13	9	154	140	2	2	1	0	0	0	0	0	0	3	0
372141.00	3756983.00	58	47	12	9	163	144	1	1	1	0	0	0	0	0	0	3	0
372241.00	3756983.00	43	43	11	8	169	153	1	1	1	0	0	0	0	0	0	4	0
372341.00	3756983.00	41	38	10	8	172	154	1	1	1	0	0	0	0	0	0	4	0
372441.00	3756983.00	35	34	9	8	175	165	1	1	1	0	0	0	0	0	0	5	0
372541.00	3756983.00	31	30	9	8	177	165	1	1	1	1	0	0	0	0	0	6	0
372641.00	3756983.00	29	29	8	7	176	161	1	1	1	0	0	0	0	0	0	7	0
373241.00	3756983.00	20	20	6	4	166	132	1	1	0	0	0	0	0	0	0	5	0
373341.00	3756983.00	19	17	6	4	166	125	1	1	0	0	0	0	0	0	0	4	0
373441.00	3756983.00	17	16	5	4	166	121	1	1	0	0	0	0	0	0	0	4	0
373441.00	3757583.00	87	25	11	11	184	153	3	3	2	1	0	0	0	0	0	11	2
373441.00	3757683.00	75	21	9	9	191	154	3	3	1	1	0	0	0	0	0	9	1
373441.00	3757783.00	58	26	8	8	187	144	2	2	1	1	0	0	0	0	0	6	1
373441.00	3757883.00	45	33	7	7	177	137	2	2	1	0	0	0	0	0	0	4	0
373441.00	3757983.00	34	31	6	6	169	128	1	1	0	0	0	0	0	0	0	3	0
373541.00	3756983.00	15	14	5	4	164	119	1	1	0	0	0	0	0	0	0	3	0
373541.00	3757083.00	19	15	5	5	164	121	1	1	0	0	0	0	0	0	0	4	0
373541.00	3757183.00	23	15	6	5	151	128	1	1	0	0	0	0	0	0	0	3	0
373541.00	3757283.00	31	16	7	5	164	130	1	1	1	0	0	0	0	0	0	6	1
373541.00	3757383.00	45	19	7	6	168	132	2	2	1	1	0	0	0	0	0	7	1
373541.00	3757483.00	66	21	9	8	170	134	2	2	1	1	0	0	0	0	0	7	1
373541.00	3757583.00	77	22	10	9	174	136	2	2	1	1	0	0	0	0	0	8	1
373541.00	3757683.00	71	20	9	8	180	140	2	2	1	1	0	0	0	0	0	7	1
366455.27	3763213.67	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366669.62	3763342.53	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366671.31	3762769.21	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367494.53	3758314.82	19	16	4	4	110	106	0	0	0	0	0	0	0	0	0	0	0
367575.16	3764900.80	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367638.49	3757975.16	16	16	6	5	112	107	0	0	0	0	0	0	0	0	0	1	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
367728.62	3761967.19	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367787.59	3758292.62	35	25	6	5	137	117	0	0	0	0	0	0	0	0	0	0	0
367831.34	3763245.91	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367900.00	3758500.00	31	22	5	5	133	113	0	0	0	0	0	0	0	0	0	0	0
367926.08	3763311.16	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367964.98	3758232.97	36	26	6	6	141	119	0	0	0	0	0	0	0	0	0	1	0
367976.37	3763336.74	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367978.91	3758390.10	30	23	5	5	130	116	0	0	0	0	0	0	0	0	0	0	0
368188.78	3758591.47	26	24	5	5	133	110	0	0	0	0	0	0	0	0	0	0	0
368501.11	3761632.38	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368505.49	3758571.22	29	27	6	6	130	122	0	0	0	0	0	0	0	0	0	0	0
368673.29	3761677.69	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368693.42	3758359.47	30	29	7	6	131	125	0	0	0	0	0	0	0	0	0	0	0
368842.92	3761590.39	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368869.11	3754097.89	21	18	4	4	118	107	0	0	0	0	0	0	0	0	0	1	0
368869.83	3765067.00	4	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
368969.99	3761647.20	7	7	2	2	106	106	0	0	0	0	0	0	0	0	0	0	0
368970.54	3754677.64	19	18	6	5	116	107	0	0	0	0	0	0	0	0	0	1	0
369007.11	3762513.11	7	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
369227.99	3762251.91	7	7	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
369242.37	3754695.62	21	18	6	5	120	109	0	0	0	0	0	0	0	0	0	1	0
369456.98	3762567.48	6	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
369504.00	3754702.08	19	19	7	6	116	110	0	0	0	0	0	0	0	0	0	1	0
369767.91	3761150.98	8	8	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
369809.34	3764567.65	4	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
369845.18	3754154.97	23	21	9	5	121	109	0	0	0	0	0	0	0	0	0	1	0
369848.41	3753976.49	17	16	8	5	113	106	0	0	0	0	0	0	0	0	0	0	0
370097.88	3760014.31	13	13	3	3	110	107	0	0	0	0	0	0	0	0	0	1	0
370150.95	3754699.75	22	19	8	8	115	107	0	0	0	0	0	0	0	0	0	1	0
370192.96	3758860.70	28	22	5	4	118	107	0	0	0	0	0	0	0	0	0	1	0
370243.17	3759622.98	17	11	4	2	113	107	0	0	0	0	0	0	0	0	0	1	0
370246.20	3754243.12	17	15	6	6	110	106	0	0	0	0	0	0	0	0	0	0	0
370290.74	3759464.60	17	16	3	2	113	107	0	0	0	0	0	0	0	0	0	1	0
370608.78	3762239.97	5	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370614.80	3762181.53	5	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370625.96	3763759.08	4	3	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370723.56	3763867.78	4	3	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370968.58	3759443.63	16	15	4	2	113	107	0	0	0	0	0	0	0	0	0	1	0
371139.14	3758179.30	38	32	8	7	126	113	0	0	0	0	0	0	0	0	0	1	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCM/QD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
371516.05	3762577.75	8	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
371721.40	3759371.61	12	11	2	2	110	106	0	0	0	0	0	0	0	0	0	0	0
371973.81	3758892.65	15	15	4	4	114	107	0	0	0	0	0	0	0	0	0	1	0
372687.72	3759513.01	11	10	3	2	110	107	0	0	0	0	0	0	0	0	0	0	0
372943.49	3761051.66	7	7	2	1	108	106	0	0	0	0	0	0	0	0	0	0	0
373546.52	3760907.48	11	8	2	2	109	106	0	0	0	0	0	0	0	0	0	0	0
373736.60	3756503.93	13	12	3	3	136	108	0	0	0	0	0	0	0	0	0	2	0
373758.20	3758043.23	29	19	6	5	172	123	1	1	0	0	0	0	0	0	0	3	0
373781.58	3755802.14	13	11	2	2	113	106	0	0	0	0	0	0	0	0	0	1	0
373814.20	3756040.57	13	12	3	2	115	107	0	0	0	0	0	0	0	0	0	1	0
373990.06	3753826.14	7	7	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
374057.73	3758196.51	19	13	5	4	168	115	1	1	0	0	0	0	0	0	0	3	0
374270.95	3758673.42	19	9	3	3	121	112	0	0	0	0	0	0	0	0	0	1	0
374561.05	3757642.94	37	10	5	4	153	109	1	1	0	0	0	0	0	0	0	3	0
374688.84	3758984.90	17	8	3	3	116	108	0	0	0	0	0	0	0	0	0	1	0
374693.96	3758983.17	17	8	3	3	116	108	0	0	0	0	0	0	0	0	0	1	0
374717.46	3762574.39	6	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
375503.80	3764537.77	3	3	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
375614.97	3760555.10	24	9	3	2	108	106	0	0	0	0	0	0	0	0	0	0	0
375718.04	3758204.95	26	10	3	3	113	106	0	0	0	0	0	0	0	0	0	1	0
375902.79	3764940.52	3	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
375908.38	3763938.71	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
375920.60	3762083.39	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
376709.15	3756388.48	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
376814.39	3754856.21	5	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
377050.15	3761774.29	15	6	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
377052.34	3761911.90	13	6	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
377227.14	3756422.42	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
377237.88	3763993.21	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
377313.01	3756205.13	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
377330.56	3760754.60	8	6	3	1	107	106	0	0	0	0	0	0	0	0	0	1	0
377342.37	3764027.27	3	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
377388.19	3762578.39	6	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
377563.47	3760340.44	7	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
377753.42	3759272.76	8	8	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
377839.66	3764649.02	3	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
377841.65	3762246.94	13	4	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
377908.39	3762502.03	11	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
377916.00	3755241.12	5	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
377924.86	3763642.88	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
377967.05	3762224.48	13	4	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
378003.52	3753139.05	4	4	1	0	107	106	0	0	0	0	0	0	0	0	0	0	0
378022.11	3755897.25	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
378066.59	3761432.90	9	5	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
378209.66	3764122.39	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
378212.33	3753511.52	4	4	0	0	107	106	0	0	0	0	0	0	0	0	0	0	0
378223.51	3760237.39	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
378326.90	3764105.95	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
378366.51	3755075.26	5	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
378370.05	3759869.86	7	6	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0
378781.96	3760336.17	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
378862.39	3757229.87	7	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366900.00	3759500.00	16	10	2	2	111	106	0	0	0	0	0	0	0	0	0	0	0
367900.00	3759500.00	11	11	3	2	107	106	0	0	0	0	0	0	0	0	0	0	0
366900.00	3760500.00	8	8	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
366900.00	3761500.00	8	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
367900.00	3753500.00	10	10	3	3	107	106	0	0	0	0	0	0	0	0	0	0	0
367900.00	3754500.00	18	14	7	6	109	107	0	0	0	0	0	0	0	0	0	0	0
367900.00	3760500.00	10	8	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
367900.00	3763500.00	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368900.00	3753500.00	13	13	3	3	109	106	0	0	0	0	0	0	0	0	0	0	0
368900.00	3758500.00	28	27	7	5	123	115	0	0	0	0	0	0	0	0	0	0	0
368900.00	3760500.00	10	8	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
369079.58	3758184.29	36	35	9	6	133	122	0	0	0	0	0	0	0	0	0	1	0
369900.00	3753500.00	13	13	6	4	108	106	0	0	0	0	0	0	0	0	0	0	0
369900.00	3760500.00	9	9	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
369900.00	3763500.00	4	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370313.67	3758254.27	48	28	6	6	148	108	0	0	0	0	0	0	0	0	0	1	0
370834.03	3758177.01	51	32	7	6	127	111	0	0	0	0	0	0	0	0	0	1	0
370900.00	3753500.00	12	11	4	3	106	106	0	0	0	0	0	0	0	0	0	0	0
370900.00	3754500.00	19	17	6	5	111	107	0	0	0	0	0	0	0	0	0	0	0
370900.00	3755500.00	27	27	9	8	121	116	0	0	0	0	0	0	0	0	0	1	0
370900.00	3758500.00	27	25	6	5	127	111	0	0	0	0	0	0	0	0	0	1	0
370900.00	3761500.00	13	5	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370933.96	3757895.90	55	51	10	9	138	120	1	1	1	0	0	0	0	0	0	1	0
371041.00	3757083.00	77	77	31	29	185	177	4	4	2	1	1	1	0	0	0	1	1
371041.00	3757183.00	95	85	27	27	177	170	3	3	1	1	1	0	0	0	0	1	1
371041.00	3757283.00	103	99	27	26	168	162	2	2	1	0	0	0	0	0	0	1	1

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
371141.00	3757083.00	85	77	29	26	185	176	4	4	1	1	1	1	0	0	0	1	1
371141.00	3757183.00	98	97	24	23	175	168	3	3	1	1	1	0	0	0	0	1	1
371141.00	3757283.00	131	112	24	23	167	157	3	3	1	0	0	0	0	0	0	1	1
371150.00	3757970.99	79	55	10	9	131	119	1	1	1	0	0	0	0	0	0	1	0
371241.00	3757083.00	85	73	26	23	181	172	3	3	1	1	1	1	0	0	0	1	1
371241.00	3757183.00	106	98	21	20	173	164	3	3	1	1	0	0	0	0	0	1	1
371341.00	3757083.00	85	68	24	20	176	172	3	3	1	1	1	1	0	0	0	1	1
371341.00	3757183.00	104	96	19	19	170	159	3	3	1	0	0	0	0	0	0	1	1
371441.00	3757083.00	80	77	21	18	171	164	4	4	2	1	1	1	0	0	0	1	1
371441.00	3757183.00	111	96	17	17	165	154	3	3	1	0	0	0	0	0	0	1	1
371539.56	3757095.63	84	80	19	16	170	156	3	3	1	1	1	0	0	0	0	2	1
371540.36	3757178.31	105	100	19	19	159	151	3	3	1	0	0	0	0	0	0	1	1
371614.33	3757093.32	80	79	17	17	164	150	3	3	1	0	0	0	0	0	0	2	1
371615.15	3757177.59	95	92	20	20	156	148	3	3	1	0	0	0	0	0	0	1	1
371641.00	3757083.00	79	77	17	17	162	150	3	3	1	0	0	0	0	0	0	2	1
371641.00	3757183.00	92	90	21	20	155	146	3	3	1	0	0	0	0	0	0	2	1
371741.00	3757083.00	87	78	16	16	154	144	2	2	1	0	0	0	0	0	0	2	0
371741.00	3757183.00	110	110	22	21	151	141	3	3	1	0	0	0	0	0	0	2	0
371741.00	3757283.00	142	138	40	32	151	137	3	3	2	0	0	0	0	0	0	2	1
371841.00	3757083.00	62	62	15	14	154	141	2	2	1	0	0	0	0	0	0	2	0
371841.00	3757183.00	91	90	19	18	147	137	2	2	1	0	0	0	0	0	0	2	0
371841.00	3757283.00	170	161	28	27	155	135	3	3	2	0	0	0	0	0	0	2	0
371900.00	3753500.00	10	9	3	2	107	106	0	0	0	0	0	0	0	0	0	1	0
371900.00	3754500.00	13	12	4	3	107	106	0	0	0	0	0	0	0	0	0	1	0
371900.00	3760500.00	9	8	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
371900.00	3761500.00	6	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
371900.00	3764500.00	6	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
371941.00	3757083.00	77	56	13	12	157	137	2	2	1	0	0	0	0	0	0	3	0
371941.00	3757183.00	108	66	15	15	156	134	2	2	1	0	0	0	0	0	0	2	0
371941.00	3757283.00	165	128	22	21	160	134	2	2	1	0	0	0	0	0	0	2	0
371941.00	3757383.00	205	143	41	40	168	133	5	5	3	0	0	0	0	0	0	2	1
372041.00	3757083.00	78	52	12	10	158	135	2	2	1	0	0	0	0	0	0	3	0
372041.00	3757183.00	86	81	13	12	158	134	2	2	1	0	0	0	0	0	0	2	0
372041.00	3757283.00	104	70	20	16	167	131	2	2	1	0	0	0	0	0	0	2	0
372041.00	3757383.00	132	77	29	28	169	132	4	4	2	0	0	0	0	0	0	2	1
372041.00	3757783.00	188	164	39	38	160	131	4	4	2	0	0	0	0	0	0	2	0
372041.00	3757883.00	100	38	16	16	150	125	2	2	1	0	0	0	0	0	0	2	0
372041.00	3757983.00	75	26	12	12	150	121	1	1	1	0	0	0	0	0	0	2	0
372141.00	3757083.00	57	57	11	10	160	139	2	2	1	0	0	0	0	0	0	3	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
372141.00	3757183.00	69	46	13	10	160	136	2	2	1	0	0	0	0	0	0	3	0
372141.00	3757283.00	56	49	17	14	169	135	2	2	1	0	0	0	0	0	0	3	0
372141.00	3757783.00	359	102	45	44	166	131	5	5	2	0	0	0	0	0	0	2	1
372141.00	3757883.00	117	47	21	19	161	125	2	2	1	0	0	0	0	0	0	2	0
372141.00	3757983.00	82	31	14	12	160	121	1	1	1	0	0	0	0	0	0	2	0
372241.00	3757083.00	51	44	10	9	168	150	2	2	1	0	0	0	0	0	0	3	0
372241.00	3757183.00	48	41	12	10	168	141	2	2	1	0	0	0	0	0	0	3	0
372241.00	3757283.00	43	39	13	12	170	141	2	2	1	0	0	0	0	0	0	3	0
372241.00	3757483.00	150	77	20	19	171	138	6	6	2	0	0	0	0	0	0	3	1
372241.00	3757583.00	162	73	23	21	168	139	5	5	2	0	0	0	0	0	0	3	1
372241.00	3757683.00	252	147	32	31	167	135	6	6	2	0	0	0	0	0	0	3	1
372241.00	3757783.00	253	121	32	29	169	131	4	4	1	0	0	0	0	0	0	3	0
372341.00	3757083.00	41	41	10	8	171	161	2	2	1	0	0	0	0	0	0	4	0
372341.00	3757183.00	42	41	10	10	170	157	2	2	1	0	0	0	0	0	0	4	0
372341.00	3757283.00	54	44	11	10	172	150	2	2	1	0	0	0	0	0	0	3	0
372341.00	3757383.00	77	52	14	14	175	153	4	4	1	0	0	0	0	0	0	4	1
372341.00	3757483.00	120	59	18	17	173	146	5	5	2	0	0	0	0	0	0	4	1
372341.00	3757583.00	141	38	19	19	169	143	4	4	1	0	0	0	0	0	0	4	1
372341.00	3757683.00	176	72	22	20	171	140	4	4	1	0	0	0	0	0	0	3	1
372341.00	3757783.00	145	114	23	23	171	132	3	3	1	0	0	0	0	0	0	3	0
372441.00	3757083.00	38	32	9	8	174	162	1	1	1	0	0	0	0	0	0	5	0
372441.00	3757183.00	51	41	9	9	172	166	2	2	1	0	0	0	0	0	0	4	0
372441.00	3757283.00	66	64	12	12	174	165	3	3	1	0	0	0	0	0	0	4	0
372441.00	3757383.00	85	70	20	17	178	168	4	4	2	1	0	0	0	0	0	4	1
372441.00	3757483.00	101	84	23	23	177	163	5	5	2	0	0	0	0	0	0	4	1
372441.00	3757583.00	122	53	20	17	174	154	4	4	1	0	0	0	0	0	0	4	1
372441.00	3757683.00	139	47	17	16	173	141	3	3	1	0	0	0	0	0	0	4	0
372441.00	3757783.00	103	84	18	17	172	137	3	3	1	0	0	0	0	0	0	4	0
372441.00	3757883.00	125	40	16	16	170	126	2	2	1	0	0	0	0	0	0	4	0
372441.00	3757983.00	124	30	16	12	169	121	2	2	1	0	0	0	0	0	0	3	0
372541.00	3757083.00	35	32	9	8	179	170	2	2	1	1	1	0	0	0	0	6	0
372541.00	3757183.00	42	38	11	11	177	169	2	2	1	1	0	0	0	0	0	6	0
372541.00	3757283.00	81	69	15	14	178	167	3	3	1	1	0	0	0	0	0	5	0
372541.00	3757383.00	157	137	32	30	191	187	5	5	2	1	1	0	0	0	0	5	1
372541.00	3757483.00	134	121	47	42	190	185	7	7	3	1	1	0	0	0	0	5	1
372541.00	3757583.00	107	74	22	21	178	167	4	4	2	0	0	0	0	0	0	5	1
372541.00	3757683.00	117	46	15	13	172	146	3	3	1	0	0	0	0	0	0	6	0
372541.00	3757783.00	94	51	14	13	173	132	3	3	1	0	0	0	0	0	0	5	0
372541.00	3757883.00	86	46	14	14	172	125	2	2	1	0	0	0	0	0	0	4	0

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
372541.00	3757983.00	105	29	13	12	170	121	2	2	1	0	0	0	0	0	0	4	0
372641.00	3757383.00	191	177	61	47	195	188	6	6	3	1	1	0	0	0	0	6	1
372641.00	3757483.00	206	184	57	54	201	195	12	12	4	1	1	0	0	0	0	6	2
372641.00	3757583.00	94	63	24	21	182	170	4	4	2	0	0	0	0	0	0	7	1
372641.00	3757683.00	102	59	15	14	173	150	3	3	1	0	0	0	0	0	0	7	0
372641.00	3757783.00	86	32	12	11	176	136	2	2	1	0	0	0	0	0	0	6	0
372641.00	3757883.00	57	50	12	12	173	127	2	2	1	0	0	0	0	0	0	5	0
372641.00	3757983.00	81	26	11	11	169	122	2	2	1	0	0	0	0	0	0	4	0
372741.00	3757683.00	91	47	15	14	178	149	3	3	1	1	0	0	0	0	0	10	1
372741.00	3757783.00	79	27	12	12	178	137	2	2	1	1	0	0	0	0	0	8	0
372741.00	3757883.00	51	38	10	10	173	130	2	2	1	0	0	0	0	0	0	5	0
372741.00	3757983.00	59	24	10	10	168	122	2	2	0	0	0	0	0	0	0	3	0
372841.00	3757783.00	73	23	11	11	179	143	2	2	1	1	0	0	0	0	0	8	0
372841.00	3757883.00	51	27	10	9	171	131	2	2	1	0	0	0	0	0	0	5	0
372841.00	3757983.00	42	27	9	9	150	126	1	1	0	0	0	0	0	0	0	3	0
372843.75	3756668.92	22	19	6	5	159	125	1	1	0	0	0	0	0	0	0	4	0
372857.79	3756854.91	20	18	7	6	163	132	1	1	0	0	0	0	0	0	0	6	0
372900.00	3758500.00	54	14	7	6	120	111	1	1	0	0	0	0	0	0	0	1	0
372900.00	3763500.00	3	3	0	0	107	106	0	0	0	0	0	0	0	0	0	0	0
372900.00	3764500.00	5	4	1	0	107	106	0	0	0	0	0	0	0	0	0	0	0
372941.00	3757783.00	68	24	11	10	175	148	3	3	1	0	0	0	0	0	0	8	1
372941.00	3757883.00	50	22	9	9	168	134	2	2	1	0	0	0	0	0	0	4	0
372941.00	3757983.00	31	30	8	8	136	125	1	1	0	0	0	0	0	0	0	2	0
373035.50	3755453.68	14	13	3	2	111	106	0	0	0	0	0	0	0	0	0	1	0
373035.50	3755652.82	15	14	2	2	112	107	0	0	0	0	0	0	0	0	0	1	0
373041.00	3757783.00	63	36	10	10	174	153	3	3	1	0	0	0	0	0	0	8	1
373041.00	3757883.00	49	24	9	8	149	136	2	2	1	0	0	0	0	0	0	5	0
373041.00	3757983.00	32	25	8	7	138	128	1	1	0	0	0	0	0	0	0	4	0
373141.00	3757783.00	60	52	10	9	173	150	3	3	1	0	0	0	0	0	0	8	1
373141.00	3757883.00	48	31	8	8	151	136	2	2	1	0	0	0	0	0	0	4	0
373141.00	3757983.00	33	25	7	7	141	129	1	1	0	0	0	0	0	0	0	3	0
373241.00	3757783.00	58	52	10	9	180	156	3	3	1	1	0	0	0	0	0	8	1
373241.00	3757883.00	47	38	8	7	166	138	2	2	1	0	0	0	0	0	0	5	0
373241.00	3757983.00	33	28	7	7	143	129	1	1	0	0	0	0	0	0	0	3	0
373247.31	3756833.85	18	17	6	5	154	120	1	1	0	0	0	0	0	0	0	3	0
373250.82	3756654.89	16	16	5	5	128	116	0	0	0	0	0	0	0	0	0	2	0
373258.92	3755458.54	14	13	2	2	111	106	0	0	0	0	0	0	0	0	0	1	0
373278.35	3755647.97	14	13	2	2	112	107	0	0	0	0	0	0	0	0	0	1	0
373341.00	3757783.00	58	39	9	9	189	156	3	3	1	1	0	0	0	0	0	7	1

Criteria Dispersion Results - Proposed Project without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQMD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
UTM X	UTM Y	Avg Conc.																	
373341.00	3757883.00	46	39	8	8	173	139	2	2	1	0	0	0	0	0	0	0	5	0
373341.00	3757983.00	34	31	7	6	146	130	1	1	0	0	0	0	0	0	0	0	3	0
373441.00	3757083.00	20	16	5	5	169	130	1	1	0	0	0	0	0	0	0	0	5	0
373441.00	3757183.00	24	17	6	5	168	143	1	1	1	0	0	0	0	0	0	0	5	1
373441.00	3757283.00	32	18	7	6	174	141	2	2	1	1	0	0	0	0	0	0	9	1
373441.00	3757383.00	49	22	8	7	174	140	2	2	1	1	0	0	0	0	0	0	9	1
373441.00	3757483.00	75	24	10	9	176	142	3	3	1	1	0	0	0	0	0	0	10	2
373900.00	3759500.00	23	8	3	3	112	106	0	0	0	0	0	0	0	0	0	0	1	0
373900.00	3762500.00	5	5	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
373900.00	3763500.00	6	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
374900.00	3753500.00	7	7	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
374900.00	3758500.00	11	10	3	3	122	109	1	1	0	0	0	0	0	0	0	0	1	0
375900.00	3754500.00	6	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
375900.00	3757500.00	17	7	2	2	117	106	0	0	0	0	0	0	0	0	0	0	1	0
375900.00	3758500.00	9	9	3	2	113	106	0	0	0	0	0	0	0	0	0	0	1	0
375900.00	3759500.00	9	8	2	2	121	106	0	0	0	0	0	0	0	0	0	0	1	0
376900.00	3753500.00	5	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
376900.00	3754500.00	4	4	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
376900.00	3757500.00	12	8	2	2	109	106	0	0	0	0	0	0	0	0	0	0	0	0
376900.00	3763500.00	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377900.00	3758500.00	18	9	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
378900.00	3754500.00	6	6	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
378900.00	3761500.00	4	4	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
379900.00	3753500.00	3	3	0	0	107	106	0	0	0	0	0	0	0	0	0	0	0	0
379900.00	3758500.00	17	5	2	1	109	106	0	0	0	0	0	0	0	0	0	0	1	0
380900.00	3764500.00	10	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3753500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3758500.00	11	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3758500.00	7	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3759500.00	7	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3760500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3761500.00	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0

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## Attachment F.2

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### Construction Concentrations– Criteria Pollutants

- Proposed Project with Mitigation

Summary - Criteria Dispersion Results - Proposed Project with Mitigation

	NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
Threshold / Standard:	188	10.0	1.0
Total Concentration (ug/m3):	185	13.1	2.8
Background (ug/m3):	Included in Model	N/A	N/A
Peak (ug/m3):	185	13.1	2.8

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
369131.40	3758945.42	106	0	0
370190.78	3758848.26	106	1	0
370747.03	3763937.58	106	0	0
370757.72	3755124.52	106	1	0
370946.70	3758260.69	107	1	0
371368.79	3754218.82	106	0	0
371786.04	3754168.42	106	1	0
373756.25	3761779.11	106	0	0
367734.03	3758536.57	106	0	0
368069.11	3760165.13	106	0	0
369125.38	3763066.25	106	0	0
369225.45	3764227.42	106	0	0
370236.75	3761140.30	106	0	0
372218.41	3759157.53	106	0	0
372267.44	3762986.25	106	0	0
374498.14	3758643.27	107	1	0
375472.61	3759680.03	106	0	0
375514.38	3757500.61	106	1	0
377395.41	3759189.37	106	0	0
366363.62	3757753.10	106	0	0
369385.71	3758351.85	106	0	0
369388.19	3758584.61	106	0	0
371727.30	3758286.14	107	1	0
371973.18	3757657.97	115	2	0
372028.99	3757658.28	115	2	1
372057.72	3757303.44	119	2	0
372058.94	3757365.68	118	2	0
372114.76	3757419.38	120	2	1
372149.51	3757302.81	121	2	0
366675.72	3757743.67	106	0	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
367105.41	3757963.83	106	0	0
367221.30	3757911.68	106	0	0
367346.43	3757955.57	106	0	0
367457.41	3758010.28	106	0	0
367730.93	3758222.91	106	0	0
367995.30	3758074.68	106	0	0
369154.15	3758166.98	106	0	0
369214.54	3758209.64	106	0	0
369279.67	3758015.34	107	1	0
369788.09	3758340.35	106	0	0
369790.55	3758580.31	106	0	0
371537.21	3756959.02	128	2	1
371736.26	3757371.88	116	1	0
371795.72	3757393.54	115	1	0
371925.67	3757658.96	114	2	1
367720.95	3757929.47	106	0	0
366410.42	3757645.39	106	0	0
366412.06	3757743.84	106	0	0
366449.10	3757556.84	106	0	0
366471.13	3757711.22	106	0	0
366487.79	3757468.29	106	0	0
366526.47	3757379.74	106	0	0
366543.32	3757684.41	106	0	0
366565.16	3757291.19	106	0	0
366572.51	3757755.35	106	0	0
366603.85	3757202.64	106	0	0
366629.35	3757738.18	106	0	0
366642.53	3757114.09	106	0	0
366681.22	3757025.54	106	0	0
366700.77	3757739.37	106	0	0
366719.91	3756936.99	106	0	0
366758.59	3756848.44	106	0	0
366780.64	3757782.90	106	0	0
366797.28	3756759.89	106	0	0
366835.96	3756671.34	106	0	0
366869.69	3757831.79	106	0	0
366874.65	3756582.79	106	0	0
366900.00	3756500.00	106	0	0
366913.34	3756494.23	106	0	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
366921.75	3757860.58	106	0	0
366952.02	3756405.68	106	0	0
366982.97	3757895.00	106	0	0
366990.71	3756317.13	106	0	0
367029.39	3756228.58	106	0	0
367044.19	3757929.41	106	0	0
367068.08	3756140.03	106	0	0
367106.77	3756051.48	106	0	0
367145.45	3755962.93	106	0	0
367163.35	3757937.75	106	0	0
367184.14	3755874.38	106	0	0
367222.83	3755785.83	106	0	0
367261.51	3755697.28	106	0	0
367284.84	3757912.25	106	0	0
367300.20	3755608.73	106	0	0
367338.88	3755520.18	106	0	0
367348.39	3757912.82	106	0	0
367377.57	3755431.63	106	0	0
367401.92	3757982.92	106	0	0
367464.88	3755430.72	106	0	0
367498.60	3757937.52	106	0	0
367539.80	3757864.76	106	0	0
367552.20	3755429.80	106	0	0
367596.95	3757879.64	106	0	0
367628.79	3757855.59	106	0	0
367639.51	3755428.89	106	0	0
367696.39	3757845.44	106	0	0
367700.81	3758169.46	106	0	0
367707.57	3757896.37	106	0	0
367726.83	3755427.97	106	0	0
367734.79	3758105.67	106	0	0
367743.72	3758010.21	106	0	0
367785.33	3758200.53	106	0	0
367814.14	3755427.06	106	0	0
367830.31	3758150.13	106	0	0
367839.73	3758178.15	106	0	0
367874.18	3755433.41	106	0	0
367912.80	3758112.41	106	0	0
367934.21	3755439.76	106	0	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
368001.74	3755450.16	106	0	0
368067.33	3758044.68	106	0	0
368069.28	3755460.56	106	0	0
368136.81	3755470.96	106	0	0
368139.37	3758014.68	106	0	0
368217.94	3755478.99	106	0	0
368226.20	3757984.68	106	0	0
368310.20	3755477.83	106	0	0
368312.17	3757967.29	109	1	0
368386.06	3757966.42	109	1	0
368402.45	3755476.67	106	0	0
368459.96	3757965.55	106	0	0
368494.71	3755475.51	106	0	0
368533.85	3757964.68	106	0	0
368533.98	3757935.39	106	0	0
368586.97	3755474.35	106	0	0
368594.27	3757948.47	106	0	0
368657.87	3757978.44	106	0	0
368679.22	3755473.19	106	0	0
368710.99	3758011.46	108	0	0
368748.06	3758034.51	107	1	0
368771.48	3755472.04	107	0	0
368806.72	3758070.98	109	1	0
368863.73	3755470.88	107	0	0
368865.39	3758107.46	112	1	0
368931.37	3758150.49	109	0	0
368955.99	3755469.72	107	0	0
368974.29	3758177.61	107	0	0
368992.63	3758138.09	107	0	0
369011.06	3758086.77	109	1	0
369048.25	3755468.56	107	0	0
369097.31	3758131.13	107	0	0
369140.50	3755467.40	106	0	0
369216.91	3758091.16	106	1	0
369232.76	3755466.24	106	0	0
369267.76	3758146.04	106	0	0
369271.60	3758257.04	106	0	0
369323.20	3758086.63	106	0	0
369328.65	3758304.45	106	0	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
369329.84	3755464.79	106	0	0
369342.43	3757939.52	106	1	0
369386.54	3758429.44	106	0	0
369387.36	3758507.02	106	0	0
369409.11	3758008.60	106	1	0
369426.92	3755463.35	106	0	0
369468.66	3758583.75	106	0	0
369524.00	3755461.90	108	0	0
369549.13	3758582.89	106	0	0
369621.08	3755460.45	108	0	0
369629.61	3758582.03	106	0	0
369710.08	3758581.17	106	0	0
369718.16	3755459.00	108	1	0
369787.02	3758286.68	106	0	0
369788.19	3758398.38	106	0	0
369789.37	3758489.35	106	0	0
369815.24	3755457.56	106	1	0
369882.84	3758285.07	106	0	0
369912.32	3755456.11	107	1	0
369978.66	3758283.45	106	0	0
370009.40	3755454.66	106	1	0
370056.44	3758282.14	106	0	0
370106.48	3755453.21	106	1	0
370130.90	3758282.44	106	0	0
370203.56	3755451.77	106	1	0
370226.81	3758159.47	106	0	0
370227.55	3758221.46	106	0	0
370228.30	3758283.44	106	0	0
370253.14	3758168.84	106	0	0
370300.64	3755450.32	107	1	0
370308.97	3758176.51	106	0	0
370356.87	3758202.23	106	0	0
370397.72	3755448.87	107	1	0
370404.21	3758225.88	106	0	0
370422.64	3758284.19	106	0	0
370442.78	3758228.43	106	0	0
370465.02	3755455.18	107	1	0
370522.53	3758282.84	106	0	0
370558.15	3755458.94	106	1	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
370622.42	3758281.49	106	0	0
370624.63	3755467.51	106	1	0
370691.11	3755476.08	106	1	0
370722.31	3758280.14	106	0	0
370757.38	3755493.32	106	1	0
370792.87	3757995.38	106	1	0
370797.01	3758107.02	107	1	0
370798.36	3758194.12	107	1	0
370798.51	3757946.46	106	1	0
370799.71	3758281.23	106	1	0
370807.53	3755529.02	106	1	0
370818.52	3757901.47	106	1	0
370851.08	3757864.53	107	1	0
370854.34	3755560.20	106	1	0
370901.14	3755591.38	106	1	0
370908.58	3757858.61	107	1	0
370929.68	3755646.61	106	1	0
370932.48	3755705.67	106	1	0
370959.17	3757378.41	122	1	0
370959.96	3757296.11	127	1	0
370960.75	3757213.81	134	1	0
370961.54	3757131.50	140	1	0
370962.33	3757049.20	153	1	0
370963.12	3756966.90	176	1	1
370966.07	3757852.69	107	1	0
370968.09	3757808.70	107	1	0
370983.75	3755705.22	106	1	0
370986.42	3755628.02	106	1	0
370989.10	3755550.81	106	1	0
370991.77	3755473.61	106	1	0
371017.44	3757371.98	121	1	0
371039.92	3757778.95	107	1	0
371061.56	3756965.39	172	1	1
371064.57	3755405.04	106	1	0
371078.64	3757842.57	107	1	0
371116.65	3757378.24	119	1	0
371117.35	3757906.19	107	1	0
371160.25	3755403.96	106	1	0
371160.00	3756963.88	161	2	1

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
371173.76	3757954.26	107	1	0
371174.47	3757986.09	107	1	0
371208.04	3757297.08	122	1	0
371208.86	3757379.92	118	1	0
371210.97	3757210.00	127	1	0
371243.87	3757985.25	107	1	0
371255.94	3755402.89	106	1	0
371258.45	3756962.36	156	3	1
371275.69	3757208.66	125	1	0
371313.27	3757984.41	107	1	0
371348.54	3758024.62	107	1	0
371351.62	3755401.81	106	1	0
371356.75	3757207.46	122	1	0
371356.89	3756960.85	142	2	1
371402.37	3758061.24	107	1	0
371437.81	3757206.27	121	1	0
371447.31	3755400.73	106	1	0
371455.33	3756959.34	132	2	1
371474.09	3758110.88	107	1	0
371518.87	3757205.07	119	1	0
371537.39	3758154.69	107	1	0
371542.99	3755399.65	106	1	0
371599.93	3757203.87	117	1	0
371600.70	3758198.51	107	1	0
371613.52	3756957.47	124	2	0
371638.68	3755398.58	106	0	0
371652.22	3756956.31	123	2	0
371664.00	3758242.33	107	1	0
371678.83	3757376.47	116	1	0
371680.99	3757202.68	117	1	0
371683.71	3757291.78	114	1	0
371734.36	3755397.50	106	1	0
371750.66	3756954.80	121	2	0
371767.81	3758230.27	107	1	0
371801.04	3755399.23	106	1	0
371812.25	3757364.20	115	1	0
371825.62	3758161.92	108	1	0
371849.10	3756953.29	118	2	0
371866.03	3757363.09	115	1	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
371867.72	3755400.96	106	1	0
371895.02	3758059.68	109	1	0
371898.90	3758134.17	109	1	0
371909.58	3757435.59	115	2	1
371916.85	3757398.54	116	2	0
371917.20	3757362.27	116	2	0
371927.01	3757742.18	113	1	0
371928.06	3757790.69	115	1	0
371934.40	3755402.69	106	1	0
371934.40	3757852.44	113	1	0
371937.61	3757919.43	112	1	0
371940.82	3757986.42	110	1	0
371944.03	3758053.41	109	1	0
371947.54	3756951.78	118	2	0
371954.98	3757424.18	115	2	1
372007.70	3757423.51	117	2	1
372031.48	3757755.88	116	1	0
372033.85	3755399.05	106	1	0
372045.99	3756950.26	120	2	0
372060.42	3757422.83	118	2	1
372097.97	3757754.97	116	1	1
372114.62	3757440.24	119	2	1
372133.29	3755395.42	106	1	0
372144.43	3756948.75	122	2	0
372152.01	3757362.33	121	2	0
372153.80	3757418.83	121	2	1
372154.47	3757439.86	121	2	1
372156.97	3757518.41	119	2	0
372159.47	3757596.96	119	2	0
372161.97	3757675.51	118	2	1
372164.46	3757754.06	117	2	0
372232.73	3755391.79	106	1	0
372242.87	3756947.24	126	3	0
372332.18	3755388.15	106	1	0
372341.31	3756945.73	131	3	0
372410.73	3755381.99	106	1	0
372439.76	3756944.21	138	3	0
372489.28	3755375.83	106	1	0
372538.20	3756942.70	142	4	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
372567.83	3755369.67	106	1	0
372621.24	3755369.96	106	1	0
372627.96	3756505.77	111	2	0
372628.35	3756589.05	112	2	0
372630.81	3757026.03	157	5	0
372632.23	3757120.50	167	6	0
372632.53	3756752.34	116	2	0
372634.59	3756846.76	121	3	0
372634.70	3757211.58	169	6	0
372636.64	3756941.19	138	5	0
372650.02	3757248.61	169	6	0
372671.90	3757332.14	168	5	0
372672.36	3756975.42	141	5	0
372672.57	3757018.04	156	6	0
372692.63	3756588.53	114	2	0
372694.60	3756751.91	116	2	0
372697.78	3755368.97	106	1	0
372704.41	3757417.13	177	6	2
372725.34	3756505.44	113	2	0
372730.58	3756678.55	116	3	0
372739.22	3757507.15	161	7	1
372756.67	3756751.48	117	3	0
372768.35	3756973.59	138	4	0
372770.71	3757656.89	142	8	0
372773.23	3757598.18	142	8	0
372774.32	3755367.98	106	1	0
372774.75	3757745.62	126	7	0
372784.40	3757635.25	143	9	0
372822.71	3756505.12	114	2	0
372839.80	3757745.93	132	8	0
372850.87	3755366.99	106	1	0
372864.35	3756971.76	127	6	0
372904.85	3757746.24	136	8	0
372910.27	3757732.13	139	10	0
372919.43	3756436.58	111	2	0
372920.09	3756504.79	113	2	0
372927.41	3755366.00	106	1	0
372927.86	3755465.33	106	1	0
372928.32	3755564.67	106	1	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
372928.77	3755664.00	106	1	0
372929.23	3755763.34	106	1	0
372947.75	3756971.61	127	6	0
372992.82	3755761.76	106	1	0
372995.87	3757731.75	144	10	1
373004.43	3756435.35	109	2	0
373031.15	3756971.45	128	5	0
373056.40	3755760.18	106	1	0
373057.59	3755829.92	106	1	0
373058.79	3755899.65	106	1	0
373077.68	3757731.38	143	10	1
373089.44	3756434.13	109	1	0
373118.11	3756991.19	123	4	0
373137.84	3755759.39	106	1	0
373138.33	3755829.37	106	1	0
373138.82	3755899.35	106	1	0
373159.49	3757731.01	138	11	1
373174.45	3756432.91	107	1	0
373179.17	3757023.66	126	4	0
373213.14	3755758.34	106	1	0
373236.62	3757073.64	125	5	0
373241.30	3757730.64	150	12	2
373259.45	3756431.68	107	1	0
373288.44	3755757.29	106	1	0
373303.06	3757072.90	120	5	0
373317.14	3756432.03	107	1	0
373323.11	3757730.27	143	9	2
373323.28	3757744.87	142	8	1
373363.74	3755756.24	106	1	0
373365.13	3755845.96	106	1	0
373366.53	3755935.69	106	1	0
373367.92	3756025.41	106	1	0
373369.31	3756115.13	106	1	0
373369.50	3757072.16	116	4	0
373370.37	3757159.75	124	6	0
373370.71	3756204.86	107	1	0
373371.24	3757247.34	136	9	2
373372.10	3756294.58	107	1	0
373372.12	3757334.94	133	10	2

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
373372.99	3757422.53	129	11	2
373373.72	3756378.86	107	1	0
373373.86	3757510.12	138	12	3
373374.73	3757597.71	146	13	3
373374.83	3756432.37	107	1	0
373375.60	3757685.31	138	9	2
373393.43	3757684.85	137	8	2
373394.30	3757744.19	133	6	1
367047.63	3761097.01	106	0	0
370737.54	3762942.92	106	0	0
371031.93	3758057.86	107	1	0
371034.38	3758338.88	107	1	0
371091.65	3754274.94	106	0	0
371165.78	3758547.83	107	1	0
372241.00	3757383.00	126	2	0
372703.01	3761799.64	106	0	0
374194.97	3754806.86	106	0	0
374697.43	3760305.50	106	0	0
375423.74	3758805.14	106	1	0
375433.42	3757541.59	106	1	0
378090.06	3758535.33	106	0	0
368494.88	3756671.28	117	0	0
370394.80	3756845.73	184	2	1
368983.23	3754581.57	106	1	0
369216.41	3758422.45	106	0	0
369532.57	3755391.67	114	0	0
369574.04	3758166.39	106	0	0
369581.37	3758516.07	106	0	0
369830.08	3755394.84	110	1	0
370114.12	3758186.53	106	0	0
371021.69	3757820.60	107	1	0
366809.77	3757837.27	106	0	0
366843.26	3757860.52	106	0	0
366900.00	3758500.00	106	0	0
366900.00	3762500.00	106	0	0
366900.00	3763500.00	106	0	0
366900.00	3764500.00	106	0	0
366982.41	3757958.65	106	0	0
367163.97	3758028.80	106	0	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
367275.38	3757999.92	106	0	0
367395.04	3758065.94	106	0	0
367880.40	3758145.84	106	0	0
367900.00	3761500.00	106	0	0
367900.00	3762500.00	106	0	0
367900.00	3764500.00	106	0	0
368068.97	3758068.94	106	0	0
368182.48	3758015.85	106	0	0
368416.83	3757988.39	108	0	0
368577.94	3757979.23	106	0	0
368764.68	3758079.93	109	1	0
368900.00	3754500.00	106	1	0
368900.00	3759500.00	106	0	0
368900.00	3761500.00	106	0	0
368900.00	3762500.00	106	0	0
368900.00	3763500.00	106	0	0
368900.00	3764500.00	106	0	0
368944.10	3758186.12	107	0	0
369206.25	3758147.26	106	0	0
369268.49	3758066.34	106	1	0
369333.85	3757999.43	106	1	0
369425.60	3758641.99	106	0	0
369599.53	3758634.67	106	0	0
369775.29	3758632.83	106	0	0
369834.01	3758329.33	106	0	0
369900.00	3754500.00	106	0	0
369900.00	3758500.00	106	0	0
369900.00	3759500.00	106	0	0
369900.00	3761500.00	106	0	0
369900.00	3762500.00	106	0	0
369900.00	3764500.00	106	0	0
370006.10	3758331.16	106	0	0
370183.69	3758338.49	106	0	0
370425.35	3758336.66	106	0	0
370701.79	3758334.82	106	0	0
370780.52	3758327.50	107	1	0
370900.00	3759500.00	106	1	0
370900.00	3760500.00	106	0	0
370900.00	3762500.00	106	0	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
370900.00	3763500.00	106	0	0
370900.00	3764500.00	106	0	0
371295.29	3758036.94	107	1	0
371421.46	3758118.19	107	1	0
371550.51	3758209.00	107	1	0
371685.28	3758299.81	107	1	0
371754.11	3758291.20	107	1	0
371807.64	3758213.78	107	1	0
371874.55	3758164.07	108	1	0
371900.00	3758500.00	107	1	0
371900.00	3759500.00	106	0	0
371900.00	3762500.00	106	0	0
371900.00	3763500.00	106	0	0
371933.81	3758104.81	109	1	0
372241.00	3757883.00	115	2	0
372241.00	3757983.00	113	2	0
372341.00	3757883.00	116	2	0
372341.00	3757983.00	113	2	0
372900.00	3753500.00	106	0	0
372900.00	3754500.00	106	0	0
372900.00	3759500.00	106	0	0
372900.00	3760500.00	106	0	0
372900.00	3761500.00	106	0	0
372900.00	3762500.00	106	0	0
373541.00	3757783.00	123	4	1
373541.00	3757883.00	121	4	0
373541.00	3757983.00	118	3	0
373641.00	3756983.00	109	2	0
373641.00	3757083.00	109	2	0
373641.00	3757183.00	110	2	0
373641.00	3757283.00	112	3	0
373641.00	3757383.00	114	5	1
373641.00	3757483.00	116	5	1
373641.00	3757583.00	117	5	1
373641.00	3757683.00	120	4	1
373641.00	3757783.00	121	4	1
373641.00	3757883.00	118	3	0
373641.00	3757983.00	116	3	0
373687.89	3757980.08	116	3	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
373900.00	3753500.00	106	0	0
373900.00	3754500.00	106	0	0
373900.00	3755500.00	106	0	0
373900.00	3756500.00	106	1	0
373900.00	3757500.00	110	3	0
373900.00	3758500.00	107	1	0
373900.00	3760500.00	106	0	0
373900.00	3761500.00	106	0	0
373900.00	3764500.00	106	0	0
374900.00	3754500.00	106	0	0
374900.00	3755500.00	106	0	0
374900.00	3756500.00	106	0	0
374900.00	3757500.00	106	1	0
374900.00	3759500.00	106	0	0
374900.00	3760500.00	106	0	0
374900.00	3761500.00	106	0	0
374900.00	3762500.00	106	0	0
374900.00	3763500.00	106	0	0
374900.00	3764500.00	106	0	0
375900.00	3753500.00	106	0	0
375900.00	3755500.00	106	0	0
375900.00	3756500.00	106	0	0
375900.00	3760500.00	106	0	0
375900.00	3761500.00	106	0	0
375900.00	3762500.00	106	0	0
375900.00	3763500.00	106	0	0
375900.00	3764500.00	106	0	0
376084.62	3761776.42	106	0	0
376900.00	3755500.00	106	0	0
376900.00	3756500.00	106	0	0
376900.00	3758500.00	106	0	0
376900.00	3759500.00	106	0	0
376900.00	3760500.00	106	0	0
376900.00	3761500.00	106	0	0
376900.00	3762500.00	106	0	0
376900.00	3764500.00	106	0	0
377900.00	3753500.00	106	0	0
377900.00	3754500.00	106	0	0
377900.00	3755500.00	106	0	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
377900.00	3756500.00	106	0	0
377900.00	3757500.00	106	0	0
377900.00	3759500.00	106	0	0
377900.00	3760500.00	106	0	0
377900.00	3761500.00	106	0	0
377900.00	3762500.00	106	0	0
377900.00	3763500.00	106	0	0
377900.00	3764500.00	106	0	0
378528.59	3764156.44	106	0	0
378900.00	3753500.00	106	0	0
378900.00	3755500.00	106	0	0
378900.00	3756500.00	106	0	0
378900.00	3757500.00	106	0	0
378900.00	3758500.00	106	0	0
378900.00	3759500.00	106	0	0
378900.00	3760500.00	106	0	0
378900.00	3762500.00	106	0	0
378900.00	3763500.00	106	0	0
378900.00	3764500.00	106	0	0
378902.85	3757271.45	106	0	0
379900.00	3754500.00	106	0	0
379900.00	3755500.00	106	0	0
379900.00	3756500.00	106	0	0
379900.00	3757500.00	106	0	0
379900.00	3759500.00	106	0	0
379900.00	3760500.00	106	0	0
379900.00	3761500.00	106	0	0
379900.00	3762500.00	106	0	0
379900.00	3763500.00	106	0	0
379900.00	3764500.00	106	0	0
380900.00	3753500.00	106	0	0
380900.00	3754500.00	106	0	0
380900.00	3755500.00	106	0	0
380900.00	3756500.00	106	0	0
380900.00	3757500.00	106	0	0
380900.00	3758500.00	106	0	0
380900.00	3759500.00	106	0	0
380900.00	3760500.00	106	0	0
380900.00	3761500.00	106	0	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
380900.00	3762500.00	106	0	0
380900.00	3763500.00	106	0	0
381900.00	3754500.00	106	0	0
381900.00	3755500.00	106	0	0
381900.00	3756500.00	106	0	0
381900.00	3757500.00	106	0	0
381900.00	3759500.00	106	0	0
381900.00	3760500.00	106	0	0
381900.00	3761500.00	106	0	0
381900.00	3762500.00	106	0	0
381900.00	3763500.00	106	0	0
381900.00	3764500.00	106	0	0
382900.00	3753500.00	106	0	0
382900.00	3754500.00	106	0	0
382900.00	3755500.00	106	0	0
382900.00	3756500.00	106	0	0
382900.00	3757500.00	106	0	0
382900.00	3758500.00	106	0	0
382900.00	3759500.00	106	0	0
382900.00	3760500.00	106	0	0
382900.00	3761500.00	106	0	0
382900.00	3762500.00	106	0	0
382900.00	3763500.00	106	0	0
382900.00	3764500.00	106	0	0
383900.00	3753500.00	106	0	0
383900.00	3754500.00	106	0	0
383900.00	3755500.00	106	0	0
383900.00	3756500.00	106	0	0
383900.00	3757500.00	106	0	0
383900.00	3762500.00	106	0	0
383900.00	3763500.00	106	0	0
383900.00	3764500.00	106	0	0
384900.00	3753500.00	106	0	0
384900.00	3754500.00	106	0	0
384900.00	3755500.00	106	0	0
384900.00	3756500.00	106	0	0
384900.00	3757500.00	106	0	0
384900.00	3758500.00	106	0	0
384900.00	3759500.00	106	0	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
384900.00	3760500.00	106	0	0
384900.00	3761500.00	106	0	0
384900.00	3762500.00	106	0	0
384900.00	3763500.00	106	0	0
384900.00	3764500.00	106	0	0
371641.00	3756983.00	122	2	0
371741.00	3756983.00	120	2	0
371841.00	3756983.00	118	2	0
371941.00	3756983.00	117	2	0
371941.00	3757683.00	114	2	0
372041.00	3756983.00	119	2	0
372141.00	3756983.00	121	2	0
372241.00	3756983.00	127	3	0
372341.00	3756983.00	130	3	0
372441.00	3756983.00	138	4	0
372541.00	3756983.00	146	4	0
372641.00	3756983.00	148	5	0
373241.00	3756983.00	119	3	0
373341.00	3756983.00	114	3	0
373441.00	3756983.00	111	3	0
373441.00	3757583.00	132	9	2
373441.00	3757683.00	133	8	1
373441.00	3757783.00	127	5	1
373441.00	3757883.00	122	3	0
373441.00	3757983.00	118	3	0
373541.00	3756983.00	109	3	0
373541.00	3757083.00	110	3	0
373541.00	3757183.00	115	3	0
373541.00	3757283.00	115	5	1
373541.00	3757383.00	116	6	1
373541.00	3757483.00	119	6	1
373541.00	3757583.00	123	6	1
373541.00	3757683.00	125	5	1
366455.27	3763213.67	106	0	0
366669.62	3763342.53	106	0	0
366671.31	3762769.21	106	0	0
367494.53	3758314.82	106	0	0
367575.16	3764900.80	106	0	0
367638.49	3757975.16	106	0	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
367728.62	3761967.19	106	0	0
367787.59	3758292.62	106	0	0
367831.34	3763245.91	106	0	0
367900.00	3758500.00	106	0	0
367926.08	3763311.16	106	0	0
367964.98	3758232.97	106	0	0
367976.37	3763336.74	106	0	0
367978.91	3758390.10	106	0	0
368188.78	3758591.47	106	0	0
368501.11	3761632.38	106	0	0
368505.49	3758571.22	106	0	0
368673.29	3761677.69	106	0	0
368693.42	3758359.47	107	0	0
368842.92	3761590.39	106	0	0
368869.11	3754097.89	106	0	0
368869.83	3765067.00	106	0	0
368969.99	3761647.20	106	0	0
368970.54	3754677.64	106	1	0
369007.11	3762513.11	106	0	0
369227.99	3762251.91	106	0	0
369242.37	3754695.62	106	1	0
369456.98	3762567.48	106	0	0
369504.00	3754702.08	106	0	0
369767.91	3761150.98	106	0	0
369809.34	3764567.65	106	0	0
369845.18	3754154.97	106	0	0
369848.41	3753976.49	106	0	0
370097.88	3760014.31	106	1	0
370150.95	3754699.75	106	0	0
370192.96	3758860.70	106	1	0
370243.17	3759622.98	106	1	0
370246.20	3754243.12	106	0	0
370290.74	3759464.60	106	1	0
370608.78	3762239.97	106	0	0
370614.80	3762181.53	106	0	0
370625.96	3763759.08	106	0	0
370723.56	3763867.78	106	0	0
370968.58	3759443.63	106	1	0
371139.14	3758179.30	107	1	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
371516.05	3762577.75	106	0	0
371721.40	3759371.61	106	0	0
371973.81	3758892.65	106	1	0
372687.72	3759513.01	106	0	0
372943.49	3761051.66	106	0	0
373546.52	3760907.48	106	0	0
373736.60	3756503.93	106	1	0
373758.20	3758043.23	114	3	0
373781.58	3755802.14	106	0	0
373814.20	3756040.57	106	1	0
373990.06	3753826.14	106	0	0
374057.73	3758196.51	110	2	0
374270.95	3758673.42	107	1	0
374561.05	3757642.94	107	2	0
374688.84	3758984.90	106	1	0
374693.96	3758983.17	106	1	0
374717.46	3762574.39	106	0	0
375503.80	3764537.77	106	0	0
375614.97	3760555.10	106	0	0
375718.04	3758204.95	106	1	0
375902.79	3764940.52	106	0	0
375908.38	3763938.71	106	0	0
375920.60	3762083.39	106	0	0
376709.15	3756388.48	106	0	0
376814.39	3754856.21	106	0	0
377050.15	3761774.29	106	0	0
377052.34	3761911.90	106	0	0
377227.14	3756422.42	106	0	0
377237.88	3763993.21	106	0	0
377313.01	3756205.13	106	0	0
377330.56	3760754.60	106	0	0
377342.37	3764027.27	106	0	0
377388.19	3762578.39	106	0	0
377563.47	3760340.44	106	0	0
377753.42	3759272.76	106	0	0
377839.66	3764649.02	106	0	0
377841.65	3762246.94	106	0	0
377908.39	3762502.03	106	0	0
377916.00	3755241.12	106	0	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
377924.86	3763642.88	106	0	0
377967.05	3762224.48	106	0	0
378003.52	3753139.05	106	0	0
378022.11	3755897.25	106	0	0
378066.59	3761432.90	106	0	0
378209.66	3764122.39	106	0	0
378212.33	3753511.52	106	0	0
378223.51	3760237.39	106	0	0
378326.90	3764105.95	106	0	0
378366.51	3755075.26	106	0	0
378370.05	3759869.86	106	0	0
378781.96	3760336.17	106	0	0
378862.39	3757229.87	106	0	0
366900.00	3759500.00	106	0	0
367900.00	3759500.00	106	0	0
366900.00	3760500.00	106	0	0
366900.00	3761500.00	106	0	0
367900.00	3753500.00	106	0	0
367900.00	3754500.00	106	0	0
367900.00	3760500.00	106	0	0
367900.00	3763500.00	106	0	0
368900.00	3753500.00	106	0	0
368900.00	3758500.00	106	0	0
368900.00	3760500.00	106	0	0
369079.58	3758184.29	106	0	0
369900.00	3753500.00	106	0	0
369900.00	3760500.00	106	0	0
369900.00	3763500.00	106	0	0
370313.67	3758254.27	106	0	0
370834.03	3758177.01	107	1	0
370900.00	3753500.00	106	0	0
370900.00	3754500.00	106	0	0
370900.00	3755500.00	106	1	0
370900.00	3758500.00	107	1	0
370900.00	3761500.00	106	0	0
370933.96	3757895.90	107	1	0
371041.00	3757083.00	146	1	0
371041.00	3757183.00	133	1	0
371041.00	3757283.00	126	1	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
371141.00	3757083.00	143	1	0
371141.00	3757183.00	130	1	0
371141.00	3757283.00	124	1	0
371150.00	3757970.99	107	1	0
371241.00	3757083.00	138	1	0
371241.00	3757183.00	128	1	0
371341.00	3757083.00	134	1	0
371341.00	3757183.00	125	1	0
371441.00	3757083.00	127	1	0
371441.00	3757183.00	122	1	0
371539.56	3757095.63	123	1	0
371540.36	3757178.31	121	1	0
371614.33	3757093.32	120	1	0
371615.15	3757177.59	120	1	0
371641.00	3757083.00	120	1	0
371641.00	3757183.00	119	1	0
371741.00	3757083.00	118	1	0
371741.00	3757183.00	117	1	0
371741.00	3757283.00	115	1	0
371841.00	3757083.00	117	2	0
371841.00	3757183.00	115	1	0
371841.00	3757283.00	115	1	0
371900.00	3753500.00	106	0	0
371900.00	3754500.00	106	1	0
371900.00	3760500.00	106	0	0
371900.00	3761500.00	106	0	0
371900.00	3764500.00	106	0	0
371941.00	3757083.00	117	2	0
371941.00	3757183.00	116	2	0
371941.00	3757283.00	116	1	0
371941.00	3757383.00	116	2	0
372041.00	3757083.00	117	2	0
372041.00	3757183.00	119	2	0
372041.00	3757283.00	118	2	0
372041.00	3757383.00	118	2	0
372041.00	3757783.00	117	1	0
372041.00	3757883.00	113	1	0
372041.00	3757983.00	112	1	0
372141.00	3757083.00	121	2	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
372141.00	3757183.00	121	2	0
372141.00	3757283.00	121	2	0
372141.00	3757783.00	118	2	0
372141.00	3757883.00	115	2	0
372141.00	3757983.00	113	2	0
372241.00	3757083.00	126	3	0
372241.00	3757183.00	124	3	0
372241.00	3757283.00	127	2	0
372241.00	3757483.00	123	2	0
372241.00	3757583.00	122	2	0
372241.00	3757683.00	119	2	0
372241.00	3757783.00	119	2	0
372341.00	3757083.00	135	3	0
372341.00	3757183.00	132	3	0
372341.00	3757283.00	130	3	0
372341.00	3757383.00	131	3	0
372341.00	3757483.00	129	3	0
372341.00	3757583.00	126	3	0
372341.00	3757683.00	122	2	0
372341.00	3757783.00	120	2	0
372441.00	3757083.00	146	4	0
372441.00	3757183.00	144	3	0
372441.00	3757283.00	140	3	0
372441.00	3757383.00	140	3	1
372441.00	3757483.00	139	3	0
372441.00	3757583.00	136	3	0
372441.00	3757683.00	124	3	0
372441.00	3757783.00	121	3	0
372441.00	3757883.00	116	3	0
372441.00	3757983.00	113	3	0
372541.00	3757083.00	155	4	0
372541.00	3757183.00	159	4	0
372541.00	3757283.00	155	4	0
372541.00	3757383.00	167	4	0
372541.00	3757483.00	160	3	1
372541.00	3757583.00	141	4	0
372541.00	3757683.00	129	4	0
372541.00	3757783.00	119	4	0
372541.00	3757883.00	116	3	0

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
372541.00	3757983.00	113	3	0
372641.00	3757383.00	171	5	1
372641.00	3757483.00	185	4	1
372641.00	3757583.00	142	5	0
372641.00	3757683.00	134	5	0
372641.00	3757783.00	122	5	0
372641.00	3757883.00	117	4	0
372641.00	3757983.00	113	3	0
372741.00	3757683.00	139	7	0
372741.00	3757783.00	123	6	0
372741.00	3757883.00	117	4	0
372741.00	3757983.00	114	2	0
372841.00	3757783.00	127	6	0
372841.00	3757883.00	120	4	0
372841.00	3757983.00	114	2	0
372843.75	3756668.92	117	3	0
372857.79	3756854.91	122	4	0
372900.00	3758500.00	108	1	0
372900.00	3763500.00	106	0	0
372900.00	3764500.00	106	0	0
372941.00	3757783.00	132	6	0
372941.00	3757883.00	121	4	0
372941.00	3757983.00	115	2	0
373035.50	3755453.68	106	1	0
373035.50	3755652.82	106	1	0
373041.00	3757783.00	133	6	0
373041.00	3757883.00	123	3	0
373041.00	3757983.00	119	3	0
373141.00	3757783.00	131	6	1
373141.00	3757883.00	123	3	0
373141.00	3757983.00	120	2	0
373241.00	3757783.00	134	6	1
373241.00	3757883.00	124	4	0
373241.00	3757983.00	117	2	0
373247.31	3756833.85	113	2	0
373250.82	3756654.89	110	1	0
373258.92	3755458.54	106	0	0
373278.35	3755647.97	106	1	0
373341.00	3757783.00	135	6	1

Criteria Dispersion Results - Proposed Project with Mitigation

Concentrations in units of ug/m <sup>3</sup>		NAAQS NO2 01H8	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.
373341.00	3757883.00	124	4	0
373341.00	3757983.00	118	3	0
373441.00	3757083.00	116	4	0
373441.00	3757183.00	124	4	0
373441.00	3757283.00	123	7	1
373441.00	3757383.00	125	8	1
373441.00	3757483.00	127	8	1
373900.00	3759500.00	106	0	0
373900.00	3762500.00	106	0	0
373900.00	3763500.00	106	0	0
374900.00	3753500.00	106	0	0
374900.00	3758500.00	107	1	0
375900.00	3754500.00	106	0	0
375900.00	3757500.00	106	1	0
375900.00	3758500.00	106	1	0
375900.00	3759500.00	106	1	0
376900.00	3753500.00	106	0	0
376900.00	3754500.00	106	0	0
376900.00	3757500.00	106	0	0
376900.00	3763500.00	106	0	0
377900.00	3758500.00	106	0	0
378900.00	3754500.00	106	0	0
378900.00	3761500.00	106	0	0
379900.00	3753500.00	106	0	0
379900.00	3758500.00	106	0	0
380900.00	3764500.00	106	0	0
381900.00	3753500.00	106	0	0
381900.00	3758500.00	106	0	0
383900.00	3758500.00	106	0	0
383900.00	3759500.00	106	0	0
383900.00	3760500.00	106	0	0
383900.00	3761500.00	106	0	0

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## Attachment F.2

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### Construction Concentrations– Criteria Pollutants

- Potential Future Development without Mitigation

Summary - Criteria Dispersion Results - Potential Future Related Development without Mitigation

	CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
Threshold / Standard:	23,000	40,000	10,000	10,000	339	188	57	100	10.0	655	196	1,300	105	368	79	10.0	1.0
Total Concentration (ug/m3):	3,792	3,709	2,806	2,800	176	165	23	23	2.1	40	17	39	8	8	3	2.9	0.8
Background (ug/m3):	3,565	3,565	2,778	2,778	Included in Model		23	23	N/A	39	16	39	8	8	3	N/A	N/A
Peak (ug/m3):	227	144	28	22	176	165	0	0	2.1	1	1	0	0	0	0	2.9	0.8

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
369131.40	3758945.42	8	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
370190.78	3758848.26	9	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
370747.03	3763937.58	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
370757.72	3755124.52	10	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
370946.70	3758260.69	13	11	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
371368.79	3754218.82	4	4	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
371786.04	3754168.42	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373756.25	3761779.11	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367734.03	3758536.57	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368069.11	3760165.13	5	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
369125.38	3763066.25	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
369225.45	3764227.42	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
370236.75	3761140.30	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
372218.41	3759157.53	2	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
372267.44	3762986.25	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
374498.14	3758643.27	7	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
375472.61	3759680.03	5	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
375514.38	3757500.61	15	3	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0
377395.41	3759189.37	1	1	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366363.62	3757753.10	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369385.71	3758351.85	10	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369388.19	3758584.61	10	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
371727.30	3758286.14	13	11	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
371973.18	3757657.97	90	71	15	15	168	129	0	0	1	0	0	0	0	0	0	2	1
372028.99	3757658.28	137	93	17	17	174	128	0	0	1	1	0	0	0	0	0	2	1
372057.72	3757303.44	78	68	14	13	159	135	0	0	1	0	0	0	0	0	0	2	0
372058.94	3757365.68	73	71	17	15	154	137	0	0	1	0	0	0	0	0	0	2	0
372114.76	3757419.38	117	94	18	16	169	126	0	0	1	0	0	0	0	0	0	3	1
372149.51	3757302.81	81	71	11	10	162	123	0	0	1	0	0	0	0	0	0	2	0
366675.72	3757743.67	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS
UTM X	UTM Y	CO	CO	CO	CO	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10
		01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00
		Avg Conc.																
367105.41	3757963.83	8	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367221.30	3757911.68	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367346.43	3757955.57	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367457.41	3758010.28	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367730.93	3758222.91	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367995.30	3758074.68	8	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369154.15	3758166.98	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369214.54	3758209.64	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369279.67	3758015.34	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369788.09	3758340.35	11	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369790.55	3758580.31	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
371537.21	3756959.02	71	63	9	8	144	118	0	0	0	0	0	0	0	0	0	1	0
371736.26	3757371.88	93	70	12	11	169	118	0	0	0	0	0	0	0	0	0	1	0
371795.72	3757393.54	66	50	8	8	147	114	0	0	0	0	0	0	0	0	0	1	0
371925.67	3757658.96	100	74	13	13	169	129	0	0	1	0	0	0	0	0	0	1	0
367720.95	3757929.47	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366410.42	3757645.39	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366412.06	3757743.84	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366449.10	3757556.84	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366471.13	3757711.22	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366487.79	3757468.29	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366526.47	3757379.74	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366543.32	3757684.41	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366565.16	3757291.19	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366572.51	3757755.35	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366603.85	3757202.64	5	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366629.35	3757738.18	8	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366642.53	3757114.09	5	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366681.22	3757025.54	5	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
366700.77	3757739.37	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366719.91	3756936.99	5	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
366758.59	3756848.44	4	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
366780.64	3757782.90	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366797.28	3756759.89	4	3	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
366835.96	3756671.34	3	3	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
366869.69	3757831.79	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366874.65	3756582.79	3	3	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
366900.00	3756500.00	3	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
366913.34	3756494.23	3	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQMD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00		
UTM X	UTM Y	Avg Conc.																
366921.75	3757860.58	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366952.02	3756405.68	3	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
366982.97	3757895.00	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
366990.71	3756317.13	3	3	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367029.39	3756228.58	3	3	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367044.19	3757929.41	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367068.08	3756140.03	4	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367106.77	3756051.48	4	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367145.45	3755962.93	5	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367163.35	3757937.75	9	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367184.14	3755874.38	5	4	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367222.83	3755785.83	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367261.51	3755697.28	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367284.84	3757912.25	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367300.20	3755608.73	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367338.88	3755520.18	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367348.39	3757912.82	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367377.57	3755431.63	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367401.92	3757982.92	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367464.88	3755430.72	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367498.60	3757937.52	7	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367539.80	3757864.76	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367552.20	3755429.80	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367596.95	3757879.64	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367628.79	3757855.59	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367639.51	3755428.89	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367696.39	3757845.44	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367700.81	3758169.46	7	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367707.57	3757896.37	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367726.83	3755427.97	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367734.79	3758105.67	7	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367743.72	3758010.21	8	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367785.33	3758200.53	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367814.14	3755427.06	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367830.31	3758150.13	7	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367839.73	3758178.15	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367874.18	3755433.41	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367912.80	3758112.41	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367934.21	3755439.76	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
UTM X	UTM Y	Avg Conc.																	
368001.74	3755450.16	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368067.33	3758044.68	9	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368069.28	3755460.56	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368136.81	3755470.96	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368139.37	3758014.68	9	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368217.94	3755478.99	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368226.20	3757984.68	10	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368310.20	3755477.83	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368312.17	3757967.29	10	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368386.06	3757966.42	10	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368402.45	3755476.67	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368459.96	3757965.55	10	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368494.71	3755475.51	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368533.85	3757964.68	9	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368533.98	3757935.39	10	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368586.97	3755474.35	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368594.27	3757948.47	10	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368657.87	3757978.44	9	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368679.22	3755473.19	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368710.99	3758011.46	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368748.06	3758034.51	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368771.48	3755472.04	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368806.72	3758070.98	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368863.73	3755470.88	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368865.39	3758107.46	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368931.37	3758150.49	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368955.99	3755469.72	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368974.29	3758177.61	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368992.63	3758138.09	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369011.06	3758086.77	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369048.25	3755468.56	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369097.31	3758131.13	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369140.50	3755467.40	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369216.91	3758091.16	9	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369232.76	3755466.24	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369267.76	3758146.04	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369271.60	3758257.04	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369323.20	3758086.63	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369328.65	3758304.45	10	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
UTM X	UTM Y	CO	CO	CO	CO	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
		01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
		Avg Conc.																	
369329.84	3755464.79	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369342.43	3757939.52	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369386.54	3758429.44	10	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369387.36	3758507.02	10	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369409.11	3758008.60	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369426.92	3755463.35	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369468.66	3758583.75	10	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369524.00	3755461.90	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369549.13	3758582.89	10	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369621.08	3755460.45	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369629.61	3758582.03	10	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369710.08	3758581.17	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369718.16	3755459.00	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369787.02	3758286.68	11	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369788.19	3758398.38	11	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369789.37	3758489.35	10	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369815.24	3755457.56	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369882.84	3758285.07	11	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369912.32	3755456.11	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369978.66	3758283.45	12	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370009.40	3755454.66	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370056.44	3758282.14	12	11	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370106.48	3755453.21	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370130.90	3758282.44	12	12	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370203.56	3755451.77	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370226.81	3758159.47	13	10	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370227.55	3758221.46	13	10	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370228.30	3758283.44	13	10	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370253.14	3758168.84	13	11	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370300.64	3755450.32	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370308.97	3758176.51	12	12	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370356.87	3758202.23	12	12	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370397.72	3755448.87	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370404.21	3758225.88	13	12	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370422.64	3758284.19	12	11	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370442.78	3758228.43	13	12	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370465.02	3755455.18	7	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370522.53	3758282.84	12	11	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370558.15	3755458.94	9	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQMD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	24H1	AN00	
UTM X	UTM Y	Avg Conc.																	
370622.42	3758281.49	12	11	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370624.63	3755467.51	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370691.11	3755476.08	9	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370722.31	3758280.14	12	11	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370757.38	3755493.32	9	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370792.87	3757995.38	16	15	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370797.01	3758107.02	14	13	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370798.36	3758194.12	14	11	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370798.51	3757946.46	17	15	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370799.71	3758281.23	12	11	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370807.53	3755529.02	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370818.52	3757901.47	19	16	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370851.08	3757864.53	20	17	3	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
370854.34	3755560.20	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370901.14	3755591.38	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370908.58	3757858.61	20	17	2	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
370929.68	3755646.61	9	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370932.48	3755705.67	9	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370959.17	3757378.41	58	52	9	7	127	112	0	0	1	0	0	0	0	0	0	1	0	0
370959.96	3757296.11	62	56	9	8	136	113	0	0	1	0	0	0	0	0	0	1	0	0
370960.75	3757213.81	58	43	7	7	133	113	0	0	1	0	0	0	0	0	0	0	0	0
370961.54	3757131.50	46	45	6	6	123	112	0	0	1	0	0	0	0	0	0	0	0	0
370962.33	3757049.20	52	48	7	7	124	113	0	0	2	0	0	0	0	0	0	1	1	1
370963.12	3756966.90	49	47	7	6	120	112	0	0	2	0	0	0	0	0	0	1	1	1
370966.07	3757852.69	19	17	2	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
370968.09	3757808.70	21	17	3	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
370983.75	3755705.22	9	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370986.42	3755628.02	9	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370989.10	3755550.81	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370991.77	3755473.61	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371017.44	3757371.98	61	54	9	8	131	113	0	0	1	0	0	0	0	0	0	1	0	0
371039.92	3757778.95	21	18	3	3	107	107	0	0	0	0	0	0	0	0	0	0	0	0
371061.56	3756965.39	46	44	6	5	120	111	0	0	1	0	0	0	0	0	0	0	0	0
371064.57	3755405.04	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371078.64	3757842.57	18	15	2	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
371116.65	3757378.24	66	57	10	9	134	118	0	0	1	0	0	0	0	0	0	1	0	0
371117.35	3757906.19	18	13	2	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
371160.25	3755403.96	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371160.00	3756963.88	44	39	5	5	123	112	0	0	1	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAMQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
UTM X	UTM Y	Avg Conc.																	
371173.76	3757954.26	18	13	2	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
371174.47	3757986.09	17	14	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371208.04	3757297.08	115	110	18	15	171	135	0	0	2	1	0	0	0	0	0	0	1	0
371208.86	3757379.92	85	77	12	11	160	128	0	0	1	0	0	0	0	0	0	0	1	0
371210.97	3757210.00	91	89	12	12	164	140	0	0	1	0	0	0	0	0	0	0	1	0
371243.87	3757985.25	17	16	2	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
371255.94	3755402.89	8	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371258.45	3756962.36	41	35	5	4	122	112	0	0	0	0	0	0	0	0	0	0	0	0
371275.69	3757208.66	124	117	16	16	171	157	0	0	1	1	0	0	0	0	0	0	2	0
371313.27	3757984.41	19	17	2	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
371348.54	3758024.62	21	15	3	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
371351.62	3755401.81	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371356.75	3757207.46	117	117	20	17	171	156	0	0	1	0	0	0	0	0	0	0	3	0
371356.89	3756960.85	42	35	5	4	122	113	0	0	0	0	0	0	0	0	0	0	0	0
371402.37	3758061.24	23	14	3	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371437.81	3757206.27	116	108	21	17	171	156	0	0	1	0	0	0	0	0	0	0	3	0
371447.31	3755400.73	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371455.33	3756959.34	45	43	6	6	126	116	0	0	0	0	0	0	0	0	0	0	0	0
371474.09	3758110.88	23	15	3	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371518.87	3757205.07	108	95	20	16	170	153	0	0	1	0	0	0	0	0	0	0	2	0
371537.39	3758154.69	20	14	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371542.99	3755399.65	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371599.93	3757203.87	80	74	17	16	161	138	0	0	1	0	0	0	0	0	0	0	2	0
371600.70	3758198.51	19	14	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371613.52	3756957.47	49	37	8	7	130	113	0	0	0	0	0	0	0	0	0	0	0	0
371638.68	3755398.58	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371652.22	3756956.31	53	28	7	6	135	111	0	0	0	0	0	0	0	0	0	0	0	0
371664.00	3758242.33	15	12	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371678.83	3757376.47	108	61	14	13	170	120	0	0	1	0	0	0	0	0	0	0	1	0
371680.99	3757202.68	75	66	11	11	151	124	0	0	1	0	0	0	0	0	0	0	1	0
371683.71	3757291.78	194	136	24	21	174	128	0	0	1	1	0	0	0	0	0	0	2	1
371734.36	3755397.50	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371750.66	3756954.80	38	30	5	4	120	108	0	0	0	0	0	0	0	0	0	0	0	0
371767.81	3758230.27	14	11	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371801.04	3755399.23	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371812.25	3757364.20	67	55	9	8	148	114	0	0	0	0	0	0	0	0	0	0	1	0
371825.62	3758161.92	15	12	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371849.10	3756953.29	26	23	3	3	109	107	0	0	0	0	0	0	0	0	0	0	0	0
371866.03	3757363.09	60	40	7	7	141	113	0	0	0	0	0	0	0	0	0	0	1	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQMD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
UTM X	UTM Y	Avg Conc.																	
371867.72	3755400.96	7	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371895.02	3758059.68	17	12	2	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
371898.90	3758134.17	15	12	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371909.58	3757435.59	71	62	10	10	152	135	0	0	1	0	0	0	0	0	0	0	1	0
371916.85	3757398.54	57	56	8	7	139	122	0	0	0	0	0	0	0	0	0	0	1	0
371917.20	3757362.27	53	52	7	7	135	115	0	0	0	0	0	0	0	0	0	0	1	0
371927.01	3757742.18	49	40	6	6	131	114	0	0	0	0	0	0	0	0	0	0	0	0
371928.06	3757790.69	30	26	4	4	113	110	0	0	0	0	0	0	0	0	0	0	0	0
371934.40	3755402.69	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371934.40	3757852.44	22	17	3	3	111	108	0	0	0	0	0	0	0	0	0	0	0	0
371937.61	3757919.43	20	14	3	3	109	107	0	0	0	0	0	0	0	0	0	0	0	0
371940.82	3757986.42	19	13	2	2	108	107	0	0	0	0	0	0	0	0	0	0	0	0
371944.03	3758053.41	17	12	2	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
371947.54	3756951.78	22	20	3	3	109	108	0	0	0	0	0	0	0	0	0	0	0	0
371954.98	3757424.18	97	88	14	13	159	132	0	0	1	0	0	0	0	0	0	0	2	0
372007.70	3757423.51	71	67	13	12	152	133	0	0	1	0	0	0	0	0	0	0	1	0
372031.48	3757755.88	33	23	7	6	120	115	0	0	0	0	0	0	0	0	0	0	0	0
372033.85	3755399.05	7	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372045.99	3756950.26	24	24	3	3	110	108	0	0	0	0	0	0	0	0	0	0	0	0
372060.42	3757422.83	92	78	16	14	168	135	0	0	1	0	0	0	0	0	0	0	2	0
372097.97	3757754.97	54	24	7	7	136	113	0	0	0	0	0	0	0	0	0	0	0	0
372114.62	3757440.24	109	97	17	16	169	127	0	0	1	0	0	0	0	0	0	0	3	1
372133.29	3755395.42	9	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372144.43	3756948.75	31	25	4	3	113	110	0	0	0	0	0	0	0	0	0	0	0	0
372152.01	3757362.33	136	97	17	15	169	123	0	0	1	1	0	0	0	0	0	0	2	1
372153.80	3757418.83	143	121	18	16	172	122	0	0	1	1	0	0	0	0	0	0	2	1
372154.47	3757439.86	125	123	16	16	172	121	0	0	1	1	0	0	0	0	0	0	2	1
372156.97	3757518.41	60	51	8	7	142	112	0	0	0	0	0	0	0	0	0	0	1	0
372159.47	3757596.96	60	54	8	7	142	113	0	0	0	0	0	0	0	0	0	0	1	0
372161.97	3757675.51	68	36	9	7	150	113	0	0	0	0	0	0	0	0	0	0	1	0
372164.46	3757754.06	58	25	7	6	140	111	0	0	0	0	0	0	0	0	0	0	0	0
372232.73	3755391.79	10	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372242.87	3756947.24	40	32	5	4	122	111	0	0	0	0	0	0	0	0	0	0	0	0
372332.18	3755388.15	10	10	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372341.31	3756945.73	51	43	6	5	133	114	0	0	0	0	0	0	0	0	0	0	0	0
372410.73	3755381.99	11	10	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372439.76	3756944.21	64	57	8	7	146	119	0	0	0	0	0	0	0	0	0	0	1	0
372489.28	3755375.83	12	10	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372538.20	3756942.70	81	75	10	9	157	133	0	0	0	0	0	0	0	0	0	0	1	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQMD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
UTM X	UTM Y	CO	CO	CO	CO	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
		01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
		Avg Conc.																	
372567.83	3755369.67	12	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372621.24	3755369.96	11	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372627.96	3756505.77	27	25	3	3	109	107	0	0	0	0	0	0	0	0	0	0	0	0
372628.35	3756589.05	29	27	4	3	111	109	0	0	0	0	0	0	0	0	0	0	0	0
372630.81	3757026.03	125	119	16	16	171	163	0	0	1	1	0	0	0	0	0	0	1	0
372632.23	3757120.50	152	144	23	20	176	150	0	0	1	1	0	0	0	0	0	0	2	0
372632.53	3756752.34	52	41	7	5	134	117	0	0	0	0	0	0	0	0	0	0	0	0
372634.59	3756846.76	70	65	9	8	152	130	0	0	0	0	0	0	0	0	0	0	1	0
372634.70	3757211.58	90	74	11	11	168	123	0	0	0	0	0	0	0	0	0	0	1	0
372636.64	3756941.19	101	93	13	12	169	154	0	0	1	0	0	0	0	0	0	0	1	0
372650.02	3757248.61	75	60	9	9	157	117	0	0	0	0	0	0	0	0	0	0	1	0
372671.90	3757332.14	58	43	7	6	139	113	0	0	0	0	0	0	0	0	0	0	0	0
372672.36	3756975.42	132	119	17	15	172	158	0	0	1	1	0	0	0	0	0	0	2	0
372672.57	3757018.04	140	137	20	18	173	165	0	0	1	1	1	0	0	0	0	0	2	0
372692.63	3756588.53	33	32	4	4	115	109	0	0	0	0	0	0	0	0	0	0	0	0
372694.60	3756751.91	48	41	6	5	130	115	0	0	0	0	0	0	0	0	0	0	0	0
372697.78	3755368.97	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372704.41	3757417.13	46	35	6	5	128	110	0	0	0	0	0	0	0	0	0	0	0	0
372725.34	3756505.44	30	30	4	4	112	108	0	0	0	0	0	0	0	0	0	0	0	0
372730.58	3756678.55	38	38	5	5	120	111	0	0	0	0	0	0	0	0	0	0	0	0
372739.22	3757507.15	32	28	4	4	114	109	0	0	0	0	0	0	0	0	0	0	0	0
372756.67	3756751.48	44	44	6	5	126	115	0	0	0	0	0	0	0	0	0	0	0	0
372768.35	3756973.59	134	130	18	17	174	164	0	0	1	1	1	0	0	0	0	0	2	0
372770.71	3757656.89	21	14	3	3	108	107	0	0	0	0	0	0	0	0	0	0	0	0
372773.23	3757598.18	24	19	3	3	109	108	0	0	0	0	0	0	0	0	0	0	0	0
372774.32	3755367.98	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372774.75	3757745.62	15	11	3	3	107	107	0	0	0	0	0	0	0	0	0	0	0	0
372784.40	3757635.25	22	15	3	3	108	107	0	0	0	0	0	0	0	0	0	0	0	0
372822.71	3756505.12	32	30	4	4	114	108	0	0	0	0	0	0	0	0	0	0	0	0
372839.80	3757745.93	15	9	3	2	108	107	0	0	0	0	0	0	0	0	0	0	0	0
372850.87	3755366.99	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372864.35	3756971.76	134	123	18	17	174	160	0	0	1	1	0	0	0	0	0	0	2	0
372904.85	3757746.24	15	7	3	3	108	107	0	0	0	0	0	0	0	0	0	0	0	0
372910.27	3757732.13	15	8	3	3	108	107	0	0	0	0	0	0	0	0	0	0	0	0
372919.43	3756436.58	27	24	3	3	109	107	0	0	0	0	0	0	0	0	0	0	0	0
372920.09	3756504.79	30	27	4	3	112	108	0	0	0	0	0	0	0	0	0	0	0	0
372927.41	3755366.00	7	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372927.86	3755465.33	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372928.32	3755564.67	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00		
UTM X	UTM Y	Avg Conc.																
372928.77	3755664.00	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
372929.23	3755763.34	11	10	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
372947.75	3756971.61	129	111	18	18	173	160	0	0	1	1	0	0	0	0	0	2	0
372992.82	3755761.76	9	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
372995.87	3757731.75	15	8	4	3	109	107	0	0	0	0	0	0	0	0	0	0	0
373004.43	3756435.35	22	21	3	3	108	107	0	0	0	0	0	0	0	0	0	0	0
373031.15	3756971.45	103	99	17	15	169	148	0	0	1	0	0	0	0	0	0	2	0
373056.40	3755760.18	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373057.59	3755829.92	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373058.79	3755899.65	9	9	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373077.68	3757731.38	15	8	4	3	110	107	0	0	0	0	0	0	0	0	0	0	0
373089.44	3756434.13	18	16	3	2	108	107	0	0	0	0	0	0	0	0	0	0	0
373118.11	3756991.19	84	78	14	14	159	133	0	0	1	0	0	0	0	0	0	1	0
373137.84	3755759.39	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373138.33	3755829.37	7	6	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373138.82	3755899.35	7	7	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
373159.49	3757731.01	15	9	3	3	110	108	0	0	0	0	0	0	0	0	0	0	0
373174.45	3756432.91	16	13	3	2	108	107	0	0	0	0	0	0	0	0	0	0	0
373179.17	3757023.66	100	72	16	14	154	129	0	0	1	0	0	0	0	0	0	1	0
373213.14	3755758.34	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373236.62	3757073.64	159	67	20	17	162	132	0	0	1	1	0	0	0	0	0	2	0
373241.30	3757730.64	14	9	3	3	111	107	0	0	0	0	0	0	0	0	0	0	0
373259.45	3756431.68	19	10	3	2	108	107	0	0	0	0	0	0	0	0	0	0	0
373288.44	3755757.29	6	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373303.06	3757072.90	115	60	14	14	156	128	0	0	1	0	0	0	0	0	0	1	0
373317.14	3756432.03	20	11	3	3	108	107	0	0	0	0	0	0	0	0	0	0	0
373323.11	3757730.27	14	9	3	3	110	107	0	0	0	0	0	0	0	0	0	0	0
373323.28	3757744.87	13	9	3	3	110	107	0	0	0	0	0	0	0	0	0	0	0
373363.74	3755756.24	6	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373365.13	3755845.96	7	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373366.53	3755935.69	8	5	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373367.92	3756025.41	10	5	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373369.31	3756115.13	12	6	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0
373369.50	3757072.16	96	52	12	12	154	120	0	0	0	0	0	0	0	0	0	1	0
373370.37	3757159.75	227	110	28	22	171	129	0	0	1	1	0	0	0	0	0	2	1
373370.71	3756204.86	14	7	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
373371.24	3757247.34	140	103	18	16	174	126	0	0	1	1	0	0	0	0	0	1	0
373372.10	3756294.58	16	8	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
373372.12	3757334.94	93	32	12	9	169	116	0	0	0	0	0	0	0	0	0	1	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
UTM X	UTM Y	CO	CO	CO	CO	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
		01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
		Avg Conc.																	
373372.99	3757422.53	63	18	8	7	145	113	0	0	0	0	0	0	0	0	0	0	0	0
373373.72	3756378.86	19	10	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
373373.86	3757510.12	40	16	6	5	122	110	0	0	0	0	0	0	0	0	0	0	0	0
373374.73	3757597.71	25	16	5	4	111	108	0	0	0	0	0	0	0	0	0	0	0	0
373374.83	3756432.37	21	12	3	2	108	107	0	0	0	0	0	0	0	0	0	0	0	0
373375.60	3757685.31	14	14	4	3	110	107	0	0	0	0	0	0	0	0	0	0	0	0
373393.43	3757684.85	16	14	4	3	110	107	0	0	0	0	0	0	0	0	0	0	0	0
373394.30	3757744.19	13	11	3	3	109	107	0	0	0	0	0	0	0	0	0	0	0	0
367047.63	3761097.01	4	3	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370737.54	3762942.92	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371031.93	3758057.86	15	12	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371034.38	3758338.88	18	11	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371091.65	3754274.94	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371165.78	3758547.83	15	11	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372241.00	3757383.00	81	30	10	9	152	113	0	0	0	0	0	0	0	0	0	1	0	0
372703.01	3761799.64	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
374194.97	3754806.86	6	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
374697.43	3760305.50	2	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375423.74	3758805.14	13	2	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375433.42	3757541.59	15	3	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378090.06	3758535.33	4	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368494.88	3756671.28	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370394.80	3756845.73	21	19	3	3	107	106	0	0	0	0	0	0	0	0	0	0	0	0
368983.23	3754581.57	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369216.41	3758422.45	10	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369532.57	3755391.67	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369574.04	3758166.39	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369581.37	3758516.07	10	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369830.08	3755394.84	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370114.12	3758186.53	13	10	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371021.69	3757820.60	19	17	2	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
366809.77	3757837.27	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
366843.26	3757860.52	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
366900.00	3758500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
366900.00	3762500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
366900.00	3763500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
366900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
366982.41	3757958.65	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
367163.97	3758028.80	8	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQMD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00		
UTM X	UTM Y	Avg Conc.																
367275.38	3757999.92	7	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367395.04	3758065.94	6	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367880.40	3758145.84	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367900.00	3761500.00	3	3	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367900.00	3762500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
368068.97	3758068.94	8	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368182.48	3758015.85	9	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368416.83	3757988.39	9	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368577.94	3757979.23	9	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368764.68	3758079.93	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368900.00	3754500.00	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368900.00	3759500.00	7	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368900.00	3761500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
368900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
368900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
368900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
368944.10	3758186.12	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369206.25	3758147.26	9	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369268.49	3758066.34	9	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369333.85	3757999.43	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369425.60	3758641.99	10	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369599.53	3758634.67	10	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369775.29	3758632.83	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369834.01	3758329.33	11	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369900.00	3754500.00	7	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369900.00	3758500.00	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369900.00	3759500.00	10	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369900.00	3761500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
369900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
369900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
370006.10	3758331.16	12	11	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
370183.69	3758338.49	12	12	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
370425.35	3758336.66	12	10	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370701.79	3758334.82	11	11	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370780.52	3758327.50	11	11	1	1	107	106	0	0	0	0	0	0	0	0	0	0	0
370900.00	3759500.00	4	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
370900.00	3760500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
370900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCM/QD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
UTM X	UTM Y	CO	CO	CO	CO	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
		01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
		Avg Conc.																	
370900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371295.29	3758036.94	19	15	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371421.46	3758118.19	22	14	3	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371550.51	3758209.00	19	14	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371685.28	3758299.81	15	11	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371754.11	3758291.20	13	10	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371807.64	3758213.78	14	11	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371874.55	3758164.07	14	11	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
371900.00	3758500.00	7	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371900.00	3759500.00	2	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371933.81	3758104.81	15	12	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
372241.00	3757883.00	31	19	4	4	113	108	0	0	0	0	0	0	0	0	0	0	0	0
372241.00	3757983.00	17	14	3	2	108	107	0	0	0	0	0	0	0	0	0	0	0	0
372341.00	3757883.00	35	16	4	3	117	107	0	0	0	0	0	0	0	0	0	0	0	0
372341.00	3757983.00	24	12	3	3	109	106	0	0	0	0	0	0	0	0	0	0	0	0
372900.00	3753500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372900.00	3754500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372900.00	3759500.00	2	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372900.00	3760500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372900.00	3761500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
373541.00	3757783.00	16	11	3	2	108	106	0	0	0	0	0	0	0	0	0	0	0	0
373541.00	3757883.00	10	9	3	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
373541.00	3757983.00	7	6	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
373641.00	3756983.00	20	14	5	4	114	106	0	0	0	0	0	0	0	0	0	0	0	0
373641.00	3757083.00	53	17	7	6	135	109	0	0	0	0	0	0	0	0	0	0	0	0
373641.00	3757183.00	81	17	10	8	152	110	0	0	0	0	0	0	0	0	0	0	1	0
373641.00	3757283.00	64	24	8	6	146	110	0	0	0	0	0	0	0	0	0	0	0	0
373641.00	3757383.00	45	33	6	6	127	111	0	0	0	0	0	0	0	0	0	0	0	0
373641.00	3757483.00	50	18	6	5	132	109	0	0	0	0	0	0	0	0	0	0	0	0
373641.00	3757583.00	43	14	5	4	125	108	0	0	0	0	0	0	0	0	0	0	0	0
373641.00	3757683.00	32	13	4	3	114	107	0	0	0	0	0	0	0	0	0	0	0	0
373641.00	3757783.00	21	11	3	3	109	106	0	0	0	0	0	0	0	0	0	0	0	0
373641.00	3757883.00	14	9	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
373641.00	3757983.00	9	6	2	2	106	106	0	0	0	0	0	0	0	0	0	0	0	0
373687.89	3757980.08	10	6	2	2	106	106	0	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
373900.00	3753500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3754500.00	4	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3755500.00	9	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3756500.00	15	10	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3757500.00	23	21	4	4	109	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3758500.00	7	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3760500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3761500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
373900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3754500.00	5	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3755500.00	6	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3756500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3757500.00	19	4	2	2	106	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3759500.00	7	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3760500.00	2	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3761500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
374900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3753500.00	3	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3755500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3756500.00	2	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3760500.00	6	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3761500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
375900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
376084.62	3761776.42	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3755500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3756500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3758500.00	3	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3759500.00	4	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3760500.00	4	1	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3761500.00	4	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
376900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3753500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3754500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3755500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCM/QD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
377900.00	3756500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3757500.00	6	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3759500.00	1	1	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3760500.00	5	1	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3761500.00	4	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3762500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
377900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378528.59	3764156.44	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3753500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3755500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3756500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3757500.00	3	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3758500.00	5	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3759500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3760500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3762500.00	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
378902.85	3757271.45	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3754500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3755500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3756500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3757500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3759500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3760500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3761500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3762500.00	4	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3763500.00	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
379900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3753500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3754500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3755500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3756500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3757500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3758500.00	6	1	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3759500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3760500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
380900.00	3761500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCM/QD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
UTM X	UTM Y	CO	CO	CO	CO	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
		01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
		Avg Conc.																	
380900.00	3762500.00	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
380900.00	3763500.00	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3754500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3755500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3756500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3757500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3759500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3760500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3761500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3763500.00	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3764500.00	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3753500.00	1	0	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3754500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3755500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3756500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3757500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3758500.00	4	1	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3759500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3760500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3761500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
382900.00	3764500.00	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3753500.00	0	0	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3754500.00	0	0	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3755500.00	0	0	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3756500.00	1	0	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3757500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3764500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
384900.00	3753500.00	0	0	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
384900.00	3754500.00	0	0	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
384900.00	3755500.00	0	0	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
384900.00	3756500.00	0	0	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
384900.00	3757500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
384900.00	3758500.00	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
384900.00	3759500.00	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAMQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
UTM X	UTM Y	CO	CO	CO	CO	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
		01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
		Avg Conc.																	
384900.00	3760500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
384900.00	3761500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
384900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
384900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
384900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371641.00	3756983.00	64	37	8	8	145	113	0	0	0	0	0	0	0	0	0	1	0	
371741.00	3756983.00	40	34	5	5	121	109	0	0	0	0	0	0	0	0	0	0	0	
371841.00	3756983.00	27	23	3	3	109	107	0	0	0	0	0	0	0	0	0	0	0	
371941.00	3756983.00	25	20	3	3	109	108	0	0	0	0	0	0	0	0	0	0	0	
371941.00	3757683.00	103	74	15	13	170	125	0	0	1	0	0	0	0	0	0	1	0	
372041.00	3756983.00	28	20	4	3	110	108	0	0	0	0	0	0	0	0	0	0	0	
372141.00	3756983.00	31	26	4	3	113	110	0	0	0	0	0	0	0	0	0	0	0	
372241.00	3756983.00	35	35	4	4	117	112	0	0	0	0	0	0	0	0	0	0	0	
372341.00	3756983.00	47	40	6	5	129	114	0	0	0	0	0	0	0	0	0	0	0	
372441.00	3756983.00	65	55	8	7	147	119	0	0	0	0	0	0	0	0	0	1	0	
372541.00	3756983.00	87	80	11	10	159	134	0	0	0	0	0	0	0	0	0	1	0	
372641.00	3756983.00	121	113	15	14	170	157	0	0	1	0	0	0	0	0	0	1	0	
373241.00	3756983.00	54	50	10	10	136	117	0	0	0	0	0	0	0	0	0	1	0	
373341.00	3756983.00	44	41	8	8	126	113	0	0	0	0	0	0	0	0	0	1	0	
373441.00	3756983.00	34	29	6	6	118	110	0	0	0	0	0	0	0	0	0	0	0	
373441.00	3757583.00	33	15	5	4	115	108	0	0	0	0	0	0	0	0	0	0	0	
373441.00	3757683.00	19	14	4	3	109	107	0	0	0	0	0	0	0	0	0	0	0	
373441.00	3757783.00	12	11	3	3	109	106	0	0	0	0	0	0	0	0	0	0	0	
373441.00	3757883.00	9	7	3	2	108	106	0	0	0	0	0	0	0	0	0	0	0	
373441.00	3757983.00	6	6	2	2	108	106	0	0	0	0	0	0	0	0	0	0	0	
373541.00	3756983.00	22	21	6	5	116	107	0	0	0	0	0	0	0	0	0	0	0	
373541.00	3757083.00	67	21	8	8	149	110	0	0	0	0	0	0	0	0	0	0	0	
373541.00	3757183.00	106	21	13	10	155	113	0	0	0	0	0	0	0	0	0	1	0	
373541.00	3757283.00	69	51	9	9	150	114	0	0	0	0	0	0	0	0	0	1	0	
373541.00	3757383.00	65	29	8	7	147	112	0	0	0	0	0	0	0	0	0	0	0	
373541.00	3757483.00	56	17	7	5	138	110	0	0	0	0	0	0	0	0	0	0	0	
373541.00	3757583.00	40	14	5	4	122	109	0	0	0	0	0	0	0	0	0	0	0	
373541.00	3757683.00	26	13	4	3	110	107	0	0	0	0	0	0	0	0	0	0	0	
366455.27	3763213.67	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	
366669.62	3763342.53	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	
366671.31	3762769.21	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	
367494.53	3758314.82	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	
367575.16	3764900.80	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	
367638.49	3757975.16	8	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
367728.62	3761967.19	3	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367787.59	3758292.62	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367831.34	3763245.91	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367900.00	3758500.00	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367926.08	3763311.16	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367964.98	3758232.97	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
367976.37	3763336.74	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
367978.91	3758390.10	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368188.78	3758591.47	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368501.11	3761632.38	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
368505.49	3758571.22	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368673.29	3761677.69	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
368693.42	3758359.47	7	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368842.92	3761590.39	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
368869.11	3754097.89	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
368869.83	3765067.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
368969.99	3761647.20	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
368970.54	3754677.64	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369007.11	3762513.11	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
369227.99	3762251.91	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
369242.37	3754695.62	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369456.98	3762567.48	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
369504.00	3754702.08	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369767.91	3761150.98	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
369809.34	3764567.65	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
369845.18	3754154.97	5	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
369848.41	3753976.49	4	4	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
370097.88	3760014.31	5	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
370150.95	3754699.75	6	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
370192.96	3758860.70	10	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
370243.17	3759622.98	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
370246.20	3754243.12	4	4	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
370290.74	3759464.60	8	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
370608.78	3762239.97	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
370614.80	3762181.53	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
370625.96	3763759.08	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
370723.56	3763867.78	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
370968.58	3759443.63	4	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
371139.14	3758179.30	18	12	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
UTM X	UTM Y	CO	CO	CO	CO	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
		01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
		Avg Conc.																	
371516.05	3762577.75	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371721.40	3759371.61	2	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
371973.81	3758892.65	3	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372687.72	3759513.01	2	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
372943.49	3761051.66	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
373546.52	3760907.48	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
373736.60	3756503.93	18	14	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0	0
373758.20	3758043.23	10	5	2	2	106	106	0	0	0	0	0	0	0	0	0	0	0	0
373781.58	3755802.14	11	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
373814.20	3756040.57	13	9	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
373990.06	3753826.14	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
374057.73	3758196.51	12	4	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
374270.95	3758673.42	7	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
374561.05	3757642.94	16	5	2	2	106	106	0	0	0	0	0	0	0	0	0	0	0	0
374688.84	3758984.90	5	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
374693.96	3758983.17	5	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
374717.46	3762574.39	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375503.80	3764537.77	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375614.97	3760555.10	5	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375718.04	3758204.95	5	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375902.79	3764940.52	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375908.38	3763938.71	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375920.60	3762083.39	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
376709.15	3756388.48	2	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
376814.39	3754856.21	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377050.15	3761774.29	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377052.34	3761911.90	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377227.14	3756422.42	2	2	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377237.88	3763993.21	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377313.01	3756205.13	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377330.56	3760754.60	5	1	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377342.37	3764027.27	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377388.19	3762578.39	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377563.47	3760340.44	6	1	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377753.42	3759272.76	1	1	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377839.66	3764649.02	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377841.65	3762246.94	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377908.39	3762502.03	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377916.00	3755241.12	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
UTM X	UTM Y	Avg Conc.																	
377924.86	3763642.88	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377967.05	3762224.48	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378003.52	3753139.05	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378022.11	3755897.25	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378066.59	3761432.90	4	1	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378209.66	3764122.39	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378212.33	3753511.52	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378223.51	3760237.39	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378326.90	3764105.95	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378366.51	3755075.26	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378370.05	3759869.86	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378781.96	3760336.17	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378862.39	3757229.87	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
366900.00	3759500.00	4	3	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
367900.00	3759500.00	5	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
366900.00	3760500.00	2	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
366900.00	3761500.00	4	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
367900.00	3753500.00	4	3	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
367900.00	3754500.00	4	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
367900.00	3760500.00	5	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
367900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368900.00	3753500.00	4	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368900.00	3758500.00	8	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
368900.00	3760500.00	5	4	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369079.58	3758184.29	8	8	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369900.00	3753500.00	4	3	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369900.00	3760500.00	3	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
369900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370313.67	3758254.27	12	11	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370834.03	3758177.01	14	11	2	1	107	106	0	0	0	0	0	0	0	0	0	0	0	0
370900.00	3753500.00	4	3	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370900.00	3754500.00	6	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370900.00	3755500.00	10	9	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370900.00	3758500.00	16	10	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370900.00	3761500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
370933.96	3757895.90	17	16	2	2	107	107	0	0	0	0	0	0	0	0	0	0	0	0
371041.00	3757083.00	52	45	6	6	129	115	0	0	1	0	0	0	0	0	0	0	0	0
371041.00	3757183.00	55	52	7	7	131	116	0	0	1	0	0	0	0	0	0	0	0	0
371041.00	3757283.00	70	63	10	9	146	116	0	0	1	0	0	0	0	0	0	1	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS
UTM X	UTM Y	CO	CO	CO	CO	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10
		01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00
		Avg Conc.																
371141.00	3757083.00	55	53	7	7	134	120	0	0	1	0	0	0	0	0	0	1	0
371141.00	3757183.00	68	65	9	8	147	123	0	0	1	0	0	0	0	0	0	1	0
371141.00	3757283.00	92	83	14	11	168	128	0	0	1	0	0	0	0	0	0	1	0
371150.00	3757970.99	17	13	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
371241.00	3757083.00	60	55	7	7	139	121	0	0	1	0	0	0	0	0	0	1	0
371241.00	3757183.00	97	88	12	11	167	146	0	0	1	0	0	0	0	0	0	1	0
371341.00	3757083.00	57	51	7	6	138	124	0	0	0	0	0	0	0	0	0	1	0
371341.00	3757183.00	100	95	13	13	169	154	0	0	1	0	0	0	0	0	0	1	0
371441.00	3757083.00	57	50	8	7	138	126	0	0	0	0	0	0	0	0	0	1	0
371441.00	3757183.00	98	88	14	13	169	150	0	0	1	0	0	0	0	0	0	1	0
371539.56	3757095.63	86	81	15	14	167	142	0	0	1	0	0	0	0	0	0	2	0
371540.36	3757178.31	78	74	13	13	159	140	0	0	1	0	0	0	0	0	0	1	0
371614.33	3757093.32	88	87	12	12	168	127	0	0	1	0	0	0	0	0	0	2	1
371615.15	3757177.59	88	67	14	12	168	125	0	0	1	0	0	0	0	0	0	1	0
371641.00	3757083.00	70	67	10	10	151	120	0	0	1	0	0	0	0	0	0	1	0
371641.00	3757183.00	67	65	12	11	149	123	0	0	1	0	0	0	0	0	0	1	0
371741.00	3757083.00	38	37	6	5	119	109	0	0	0	0	0	0	0	0	0	0	0
371741.00	3757183.00	47	40	8	8	129	112	0	0	0	0	0	0	0	0	0	1	0
371741.00	3757283.00	124	61	16	13	157	118	0	0	1	1	0	0	0	0	0	1	0
371841.00	3757083.00	27	26	4	4	110	107	0	0	0	0	0	0	0	0	0	0	0
371841.00	3757183.00	38	25	6	6	119	108	0	0	0	0	0	0	0	0	0	0	0
371841.00	3757283.00	75	29	9	8	151	111	0	0	0	0	0	0	0	0	0	1	0
371900.00	3753500.00	5	4	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0
371900.00	3754500.00	6	5	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
371900.00	3760500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
371900.00	3761500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
371900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
371941.00	3757083.00	30	24	4	4	112	108	0	0	0	0	0	0	0	0	0	0	0
371941.00	3757183.00	30	29	5	5	112	109	0	0	0	0	0	0	0	0	0	0	0
371941.00	3757283.00	52	39	7	6	134	111	0	0	0	0	0	0	0	0	0	1	0
371941.00	3757383.00	70	64	9	8	145	121	0	0	0	0	0	0	0	0	0	1	0
372041.00	3757083.00	35	27	5	4	117	109	0	0	0	0	0	0	0	0	0	0	0
372041.00	3757183.00	36	33	5	5	118	111	0	0	0	0	0	0	0	0	0	0	0
372041.00	3757283.00	61	53	9	8	143	126	0	0	0	0	0	0	0	0	0	1	0
372041.00	3757383.00	75	72	14	13	156	131	0	0	1	0	0	0	0	0	0	1	0
372041.00	3757783.00	26	23	5	5	117	112	0	0	0	0	0	0	0	0	0	0	0
372041.00	3757883.00	21	14	3	3	111	108	0	0	0	0	0	0	0	0	0	0	0
372041.00	3757983.00	18	13	3	2	108	107	0	0	0	0	0	0	0	0	0	0	0
372141.00	3757083.00	41	32	5	5	122	110	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
UTM X	UTM Y	CO	CO	CO	CO	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
		01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00	
		Avg Conc.																	
372141.00	3757183.00	37	35	6	5	117	109	0	0	0	0	0	0	0	0	0	0	0	0
372141.00	3757283.00	72	38	10	9	154	119	0	0	0	0	0	0	0	0	0	0	1	0
372141.00	3757783.00	48	24	6	6	129	111	0	0	0	0	0	0	0	0	0	0	0	0
372141.00	3757883.00	21	21	4	3	110	107	0	0	0	0	0	0	0	0	0	0	0	0
372141.00	3757983.00	17	14	3	3	109	107	0	0	0	0	0	0	0	0	0	0	0	0
372241.00	3757083.00	49	39	6	6	130	112	0	0	0	0	0	0	0	0	0	0	0	0
372241.00	3757183.00	44	41	7	5	123	110	0	0	0	0	0	0	0	0	0	0	0	0
372241.00	3757283.00	36	33	6	5	118	110	0	0	0	0	0	0	0	0	0	0	0	0
372241.00	3757483.00	59	53	7	7	141	112	0	0	0	0	0	0	0	0	0	0	1	0
372241.00	3757583.00	44	44	6	6	126	110	0	0	0	0	0	0	0	0	0	0	0	0
372241.00	3757683.00	51	28	6	6	132	110	0	0	0	0	0	0	0	0	0	0	0	0
372241.00	3757783.00	48	24	6	5	130	109	0	0	0	0	0	0	0	0	0	0	0	0
372341.00	3757083.00	60	49	8	8	142	115	0	0	0	0	0	0	0	0	0	0	0	0
372341.00	3757183.00	52	48	8	7	130	112	0	0	0	0	0	0	0	0	0	0	0	0
372341.00	3757283.00	37	34	6	6	119	110	0	0	0	0	0	0	0	0	0	0	0	0
372341.00	3757383.00	54	34	7	6	136	110	0	0	0	0	0	0	0	0	0	0	1	0
372341.00	3757483.00	51	36	6	5	132	109	0	0	0	0	0	0	0	0	0	0	0	0
372341.00	3757583.00	37	35	5	5	119	109	0	0	0	0	0	0	0	0	0	0	0	0
372341.00	3757683.00	38	28	5	5	120	109	0	0	0	0	0	0	0	0	0	0	0	0
372341.00	3757783.00	41	22	5	4	123	108	0	0	0	0	0	0	0	0	0	0	0	0
372441.00	3757083.00	78	64	11	10	159	120	0	0	0	0	0	0	0	0	0	0	1	0
372441.00	3757183.00	63	56	9	8	138	116	0	0	0	0	0	0	0	0	0	0	1	0
372441.00	3757283.00	46	41	7	6	128	112	0	0	0	0	0	0	0	0	0	0	0	0
372441.00	3757383.00	44	41	6	5	126	110	0	0	0	0	0	0	0	0	0	0	1	0
372441.00	3757483.00	43	40	5	5	125	109	0	0	0	0	0	0	0	0	0	0	0	0
372441.00	3757583.00	33	33	4	4	115	108	0	0	0	0	0	0	0	0	0	0	0	0
372441.00	3757683.00	30	26	4	4	111	108	0	0	0	0	0	0	0	0	0	0	0	0
372441.00	3757783.00	33	19	4	4	115	107	0	0	0	0	0	0	0	0	0	0	0	0
372441.00	3757883.00	33	13	4	3	115	107	0	0	0	0	0	0	0	0	0	0	0	0
372441.00	3757983.00	27	10	3	2	109	107	0	0	0	0	0	0	0	0	0	0	0	0
372541.00	3757083.00	109	92	15	14	171	134	0	0	0	0	0	0	0	0	0	0	1	0
372541.00	3757183.00	74	68	11	11	150	129	0	0	0	0	0	0	0	0	0	0	1	0
372541.00	3757283.00	61	51	8	7	143	114	0	0	0	0	0	0	0	0	0	0	1	0
372541.00	3757383.00	50	35	6	5	131	111	0	0	0	0	0	0	0	0	0	0	0	0
372541.00	3757483.00	40	37	5	5	122	108	0	0	0	0	0	0	0	0	0	0	0	0
372541.00	3757583.00	31	31	4	4	113	107	0	0	0	0	0	0	0	0	0	0	0	0
372541.00	3757683.00	23	21	4	4	108	107	0	0	0	0	0	0	0	0	0	0	0	0
372541.00	3757783.00	27	15	3	3	108	107	0	0	0	0	0	0	0	0	0	0	0	0
372541.00	3757883.00	29	11	4	3	111	106	0	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS CO 01H1	NAAQS CO 01H2	CAAQS CO 08H1	NAAQS CO 08H2	CAAQS NO2 01H1	NAAQS NO2 01H8	CAAQS NO2 AN00	NAAQS NO2 AN00	SCAMQD PM2.5 24H1	CAAQS SO2 01H1	NAAQS SO2 01H4	NAAQS SO2 03H4	CAAQS SO2 24H1	NAAQS SO2 24H4	NAAQS SO2 AN00	NAAQS PM10 24H1	NAAQS PM10 AN00
UTM X	UTM Y	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.	Avg Conc.				
372541.00	3757983.00	27	8	3	2	109	106	0	0	0	0	0	0	0	0	0	0	0
372641.00	3757383.00	50	37	6	5	132	111	0	0	0	0	0	0	0	0	0	0	0
372641.00	3757483.00	39	32	5	5	121	108	0	0	0	0	0	0	0	0	0	0	0
372641.00	3757583.00	28	28	4	4	110	107	0	0	0	0	0	0	0	0	0	0	0
372641.00	3757683.00	20	18	3	3	108	107	0	0	0	0	0	0	0	0	0	0	0
372641.00	3757783.00	20	12	3	3	107	107	0	0	0	0	0	0	0	0	0	0	0
372641.00	3757883.00	24	8	3	3	107	106	0	0	0	0	0	0	0	0	0	0	0
372641.00	3757983.00	25	6	3	2	107	106	0	0	0	0	0	0	0	0	0	0	0
372741.00	3757683.00	20	14	3	3	108	107	0	0	0	0	0	0	0	0	0	0	0
372741.00	3757783.00	15	12	3	3	107	107	0	0	0	0	0	0	0	0	0	0	0
372741.00	3757883.00	19	6	3	2	107	106	0	0	0	0	0	0	0	0	0	0	0
372741.00	3757983.00	22	6	3	2	107	106	0	0	0	0	0	0	0	0	0	0	0
372841.00	3757783.00	12	10	3	2	107	107	0	0	0	0	0	0	0	0	0	0	0
372841.00	3757883.00	15	7	3	2	107	107	0	0	0	0	0	0	0	0	0	0	0
372841.00	3757983.00	18	6	2	2	107	106	0	0	0	0	0	0	0	0	0	0	0
372843.75	3756668.92	41	40	5	5	123	111	0	0	0	0	0	0	0	0	0	0	0
372857.79	3756854.91	61	61	9	8	143	127	0	0	0	0	0	0	0	0	0	1	0
372900.00	3758500.00	10	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
372900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
372900.00	3764500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0
372941.00	3757783.00	12	7	3	2	108	107	0	0	0	0	0	0	0	0	0	0	0
372941.00	3757883.00	11	7	3	2	107	107	0	0	0	0	0	0	0	0	0	0	0
372941.00	3757983.00	14	6	3	2	107	106	0	0	0	0	0	0	0	0	0	0	0
373035.50	3755453.68	6	6	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373035.50	3755652.82	8	7	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373041.00	3757783.00	12	7	3	2	109	107	0	0	0	0	0	0	0	0	0	0	0
373041.00	3757883.00	8	8	3	2	108	107	0	0	0	0	0	0	0	0	0	0	0
373041.00	3757983.00	11	6	3	2	107	106	0	0	0	0	0	0	0	0	0	0	0
373141.00	3757783.00	12	8	3	3	110	107	0	0	0	0	0	0	0	0	0	0	0
373141.00	3757883.00	8	7	3	2	109	106	0	0	0	0	0	0	0	0	0	0	0
373141.00	3757983.00	8	6	3	2	108	106	0	0	0	0	0	0	0	0	0	0	0
373241.00	3757783.00	12	9	3	3	110	107	0	0	0	0	0	0	0	0	0	0	0
373241.00	3757883.00	8	7	3	3	109	107	0	0	0	0	0	0	0	0	0	0	0
373241.00	3757983.00	7	6	2	2	108	106	0	0	0	0	0	0	0	0	0	0	0
373247.31	3756833.85	42	37	6	6	124	110	0	0	0	0	0	0	0	0	0	0	0
373250.82	3756654.89	30	20	4	4	112	107	0	0	0	0	0	0	0	0	0	0	0
373258.92	3755458.54	5	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373278.35	3755647.97	5	4	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0
373341.00	3757783.00	12	8	3	3	110	107	0	0	0	0	0	0	0	0	0	0	0

Criteria Dispersion Results - Potential Future Related Development without Mitigation

Concentrations in units of ug/m <sup>3</sup>		CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	CAAQS	NAAQS	SCAQD	CAAQS	NAAQS	NAAQS	CAAQS	NAAQS	NAAQS	NAAQS	NAAQS	
CO	CO	CO	CO	NO2	NO2	NO2	NO2	NO2	NO2	PM2.5	SO2	SO2	SO2	SO2	SO2	SO2	PM10	PM10	
01H1	01H2	08H1	08H2	01H1	01H8	AN00	AN00	24H1	01H1	01H4	03H4	24H1	24H4	AN00	24H1	AN00			
UTM X	UTM Y	Avg Conc.																	
373341.00	3757883.00	9	8	3	2	109	106	0	0	0	0	0	0	0	0	0	0	0	0
373341.00	3757983.00	7	6	3	2	108	106	0	0	0	0	0	0	0	0	0	0	0	0
373441.00	3757083.00	90	28	12	11	153	113	0	0	0	0	0	0	0	0	0	0	1	0
373441.00	3757183.00	152	52	19	14	161	119	0	0	1	1	0	0	0	0	0	0	1	0
373441.00	3757283.00	94	67	12	11	169	119	0	0	0	0	0	0	0	0	0	0	1	0
373441.00	3757383.00	76	24	10	7	158	113	0	0	0	0	0	0	0	0	0	0	0	0
373441.00	3757483.00	53	16	7	6	134	111	0	0	0	0	0	0	0	0	0	0	0	0
373900.00	3759500.00	3	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
373900.00	3762500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
373900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
374900.00	3753500.00	4	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
374900.00	3758500.00	16	3	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375900.00	3754500.00	4	3	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375900.00	3757500.00	15	3	2	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375900.00	3758500.00	2	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
375900.00	3759500.00	7	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
376900.00	3753500.00	3	2	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
376900.00	3754500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
376900.00	3757500.00	10	3	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
376900.00	3763500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
377900.00	3758500.00	4	2	1	1	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378900.00	3754500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
378900.00	3761500.00	4	1	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
379900.00	3753500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
379900.00	3758500.00	6	1	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
380900.00	3764500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3753500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
381900.00	3758500.00	5	1	1	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3758500.00	3	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3759500.00	2	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3760500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0
383900.00	3761500.00	1	1	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0

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## Attachment F.3

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### Construction Concentrations– Toxic Air Contaminants

- Receptor Designations
- Receptor Locations
- TOG Specification Profiles
- PM10 Specification Profiles
- ROG Inputs – 1 Hour and 8 Hour
- PM10 Inputs – 1 Hour and 8 Hour
- Annual ROG Inputs
- Annual PM10 Inputs

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## **Attachment F.3**

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### Construction Concentrations– Toxic Air Contaminants

- Receptor Designations

LAX Landside Access Modernization Program Project, 2016 Draft EIR

X	Y	Receptor Number	Group
369131.4000	3758945.4200	812	Child Care
370190.7800	3758848.2600	813	Child Care
370747.0300	3763937.5800	779	Child Care
370757.7200	3755124.5200	820	Child Care
370946.7000	3758260.6900	814	Child Care
371368.7900	3754218.8200	818	Child Care
371786.0400	3754168.4200	819	Child Care
373756.2500	3761779.1100	809	Child Care
367734.0300	3758536.5700	826	Elderly Care
368069.1100	3760165.1300	827	Elderly Care
369125.3800	3763066.2500	830	Elderly Care
369225.4500	3764227.4200	682	Residential
370236.7500	3761140.3000	829	Elderly Care
372218.4100	3759157.5300	828	Residential
372267.4400	3762986.2500	834	Elderly Care
374498.1400	3758643.2700	838	Elderly Care
375472.6100	3759680.0300	835	Elderly Care
375514.3800	3757500.6100	836	Elderly Care
377395.4100	3759189.3700	681	Elderly Care
366363.6180	3757753.0992	1052	Fenceline
369385.7100	3758351.8500	1138	Fenceline
369388.1900	3758584.6100	1139	Fenceline
371727.3000	3758286.1400	960	Fenceline
371973.1799	3757657.9656	1177	Fenceline
372028.9939	3757658.2800	1178	Fenceline
372057.7185	3757303.4377	1170	Fenceline
372058.9400	3757365.6797	1172	Fenceline
372114.7578	3757419.3785	1165	Fenceline
372149.5108	3757302.8100	1169	Fenceline
366675.7200	3757743.6700	1064	Fenceline
367105.4100	3757963.8300	1072	Fenceline
367221.3000	3757911.6800	1073	Fenceline
367346.4300	3757955.5700	1075	Fenceline
367457.4100	3758010.2800	1076	Fenceline
367730.9300	3758222.9100	1105	Fenceline
367995.3000	3758074.6800	1109	Fenceline
369154.1500	3758166.9800	1131	Fenceline
369214.5400	3758209.6400	1137	Fenceline
369279.6700	3758015.3400	1394	Fenceline
369788.0927	3758340.3487	863	Fenceline
369790.5500	3758580.3100	1140	Fenceline
371537.2069	3756959.0242	1272	Fenceline
371736.2643	3757371.8800	991	Fenceline

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X	Y	Receptor Number	Group
371795.7183	3757393.5381	989	Fenceline
371925.6748	3757658.9599	1256	Fenceline
367720.9500	3757929.4700	1090	Fenceline
366410.4200	3757645.3900	1379	Fenceline
366412.0600	3757743.8400	1054	Fenceline
366449.1000	3757556.8400	1378	Fenceline
366471.1300	3757711.2200	1055	Fenceline
366487.7900	3757468.2900	1377	Fenceline
366526.4700	3757379.7400	1376	Fenceline
366543.3200	3757684.4100	1057	Fenceline
366565.1600	3757291.1900	1375	Fenceline
366572.5100	3757755.3500	1060	Fenceline
366603.8500	3757202.6400	1374	Fenceline
366629.3500	3757738.1800	1062	Fenceline
366642.5300	3757114.0900	1373	Fenceline
366681.2200	3757025.5400	1372	Fenceline
366700.7700	3757739.3700	1065	Fenceline
366719.9100	3756936.9900	1371	Fenceline
366758.5900	3756848.4400	1370	Fenceline
366780.6400	3757782.9000	1066	Fenceline
366797.2800	3756759.8900	1369	Fenceline
366835.9600	3756671.3400	1368	Fenceline
366869.6900	3757831.7900	1070	Fenceline
366874.6500	3756582.7900	1367	Fenceline
366900.0000	3756500.0000	437	Fenceline
366913.3400	3756494.2300	1366	Fenceline
366921.7500	3757860.5800	1071	Fenceline
366952.0200	3756405.6800	1365	Fenceline
366982.9700	3757895.0000	1380	Fenceline
366990.7100	3756317.1300	1364	Fenceline
367029.3900	3756228.5800	1363	Fenceline
367044.1900	3757929.4100	1381	Fenceline
367068.0800	3756140.0300	1362	Fenceline
367106.7700	3756051.4800	1361	Fenceline
367145.4500	3755962.9300	1360	Fenceline
367163.3500	3757937.7500	1382	Fenceline
367184.1400	3755874.3800	1359	Fenceline
367222.8300	3755785.8300	1358	Fenceline
367261.5100	3755697.2800	1357	Fenceline
367284.8400	3757912.2500	1383	Fenceline
367300.2000	3755608.7300	1356	Fenceline
367338.8800	3755520.1800	1355	Fenceline
367348.3900	3757912.8200	1074	Fenceline

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X	Y	Receptor Number	Group
367377.5700	3755431.6300	1049	Fenceline
367401.9200	3757982.9200	1384	Fenceline
367464.8800	3755430.7200	1354	Fenceline
367498.6000	3757937.5200	1385	Fenceline
367539.8000	3757864.7600	1077	Fenceline
367552.2000	3755429.8000	1353	Fenceline
367596.9500	3757879.6400	1080	Fenceline
367628.7900	3757855.5900	1082	Fenceline
367639.5100	3755428.8900	1352	Fenceline
367696.3900	3757845.4400	1085	Fenceline
367700.8100	3758169.4600	1102	Fenceline
367707.5700	3757896.3700	1089	Fenceline
367726.8300	3755427.9700	1351	Fenceline
367734.7900	3758105.6700	1094	Fenceline
367743.7200	3758010.2100	1092	Fenceline
367785.3300	3758200.5300	1386	Fenceline
367814.1400	3755427.0600	1048	Fenceline
367830.3100	3758150.1300	1108	Fenceline
367839.7300	3758178.1500	1106	Fenceline
367874.1800	3755433.4100	1350	Fenceline
367912.8000	3758112.4100	1387	Fenceline
367934.2100	3755439.7600	1047	Fenceline
368001.7400	3755450.1600	1349	Fenceline
368067.3300	3758044.6800	1388	Fenceline
368069.2800	3755460.5600	1348	Fenceline
368136.8100	3755470.9600	1046	Fenceline
368139.3700	3758014.6800	1110	Fenceline
368217.9400	3755478.9900	1045	Fenceline
368226.2000	3757984.6800	1112	Fenceline
368310.2000	3755477.8300	1347	Fenceline
368312.1700	3757967.2900	1114	Fenceline
368386.0600	3757966.4200	1389	Fenceline
368402.4500	3755476.6700	1346	Fenceline
368459.9600	3757965.5500	1390	Fenceline
368494.7100	3755475.5100	1345	Fenceline
368533.8500	3757964.6800	1115	Fenceline
368533.9800	3757935.3900	1116	Fenceline
368586.9700	3755474.3500	1344	Fenceline
368594.2700	3757948.4700	1118	Fenceline
368657.8700	3757978.4400	1120	Fenceline
368679.2200	3755473.1900	1343	Fenceline
368710.9900	3758011.4600	1121	Fenceline
368748.0600	3758034.5100	1122	Fenceline

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X	Y	Receptor Number	Group
368771.4800	3755472.0400	1342	Fenceline
368806.7200	3758070.9800	1391	Fenceline
368863.7300	3755470.8800	1341	Fenceline
368865.3900	3758107.4600	1123	Fenceline
368931.3700	3758150.4900	1124	Fenceline
368955.9900	3755469.7200	1340	Fenceline
368974.2900	3758177.6100	1125	Fenceline
368992.6300	3758138.0900	1126	Fenceline
369011.0600	3758086.7700	1129	Fenceline
369048.2500	3755468.5600	1339	Fenceline
369097.3100	3758131.1300	1392	Fenceline
369140.5000	3755467.4000	1338	Fenceline
369216.9100	3758091.1600	1393	Fenceline
369232.7600	3755466.2400	1044	Fenceline
369267.7600	3758146.0400	1136	Fenceline
369271.6000	3758257.0400	1396	Fenceline
369323.2000	3758086.6300	1395	Fenceline
369328.6500	3758304.4500	1397	Fenceline
369329.8400	3755464.7900	1337	Fenceline
369342.4300	3757939.5200	1132	Fenceline
369386.5400	3758429.4400	1398	Fenceline
369387.3600	3758507.0200	1399	Fenceline
369409.1100	3758008.6000	1134	Fenceline
369426.9200	3755463.3500	1336	Fenceline
369468.6600	3758583.7500	1400	Fenceline
369524.0000	3755461.9000	1335	Fenceline
369549.1300	3758582.8900	1401	Fenceline
369621.0800	3755460.4500	1334	Fenceline
369629.6100	3758582.0300	1402	Fenceline
369710.0800	3758581.1700	1403	Fenceline
369718.1600	3755459.0000	1333	Fenceline
369787.0200	3758286.6800	897	Fenceline
369788.1900	3758398.3800	1405	Fenceline
369789.3700	3758489.3500	1404	Fenceline
369815.2400	3755457.5600	1332	Fenceline
369882.8400	3758285.0700	1242	Fenceline
369912.3200	3755456.1100	1331	Fenceline
369978.6600	3758283.4500	898	Fenceline
370009.4000	3755454.6600	1330	Fenceline
370056.4400	3758282.1400	899	Fenceline
370106.4800	3755453.2100	1329	Fenceline
370130.9000	3758282.4400	900	Fenceline
370203.5600	3755451.7700	1328	Fenceline

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X	Y	Receptor Number	Group
370226.8100	3758159.4700	905	Fenceline
370227.5500	3758221.4600	1243	Fenceline
370228.3000	3758283.4400	904	Fenceline
370253.1400	3758168.8400	906	Fenceline
370300.6400	3755450.3200	1327	Fenceline
370308.9700	3758176.5100	908	Fenceline
370356.8700	3758202.2300	910	Fenceline
370397.7200	3755448.8700	1043	Fenceline
370404.2100	3758225.8800	912	Fenceline
370422.6400	3758284.1900	916	Fenceline
370442.7800	3758228.4300	914	Fenceline
370465.0200	3755455.1800	1042	Fenceline
370522.5300	3758282.8400	1244	Fenceline
370558.1500	3755458.9400	1041	Fenceline
370622.4200	3758281.4900	1245	Fenceline
370624.6300	3755467.5100	1326	Fenceline
370691.1100	3755476.0800	1040	Fenceline
370722.3100	3758280.1400	917	Fenceline
370757.3800	3755493.3200	1038	Fenceline
370792.8700	3757995.3800	923	Fenceline
370797.0100	3758107.0200	1247	Fenceline
370798.3600	3758194.1200	1246	Fenceline
370798.5100	3757946.4600	931	Fenceline
370799.7100	3758281.2300	918	Fenceline
370807.5300	3755529.0200	1037	Fenceline
370818.5200	3757901.4700	939	Fenceline
370851.0800	3757864.5300	947	Fenceline
370854.3400	3755560.2000	1325	Fenceline
370901.1400	3755591.3800	1036	Fenceline
370908.5800	3757858.6100	1248	Fenceline
370929.6800	3755646.6100	1034	Fenceline
370932.4800	3755705.6700	1033	Fenceline
370959.1700	3757378.4100	1002	Fenceline
370959.9600	3757296.1100	1263	Fenceline
370960.7500	3757213.8100	1264	Fenceline
370961.5400	3757131.5000	1265	Fenceline
370962.3300	3757049.2000	1266	Fenceline
370963.1200	3756966.9000	1003	Fenceline
370966.0700	3757852.6900	948	Fenceline
370968.0900	3757808.7000	949	Fenceline
370983.7500	3755705.2200	1032	Fenceline
370986.4200	3755628.0200	1324	Fenceline
370989.1000	3755550.8100	1323	Fenceline

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X	Y	Receptor Number	Group
370991.7700	3755473.6100	1031	Fenceline
371017.4400	3757371.9800	1001	Fenceline
371039.9200	3757778.9500	952	Fenceline
371061.5600	3756965.3900	1267	Fenceline
371064.5700	3755405.0400	1030	Fenceline
371078.6400	3757842.5700	1249	Fenceline
371116.6500	3757378.2400	1000	Fenceline
371117.3500	3757906.1900	953	Fenceline
371160.2500	3755403.9600	1321	Fenceline
371160.0000	3756963.8800	1268	Fenceline
371173.7600	3757954.2600	954	Fenceline
371174.4700	3757986.0900	955	Fenceline
371208.0400	3757297.0800	1262	Fenceline
371208.8600	3757379.9200	999	Fenceline
371210.9700	3757210.0000	997	Fenceline
371243.8700	3757985.2500	1250	Fenceline
371255.9400	3755402.8900	1320	Fenceline
371258.4500	3756962.3600	1269	Fenceline
371275.6900	3757208.6600	1146	Fenceline
371313.2700	3757984.4100	956	Fenceline
371348.5400	3758024.6200	957	Fenceline
371351.6200	3755401.8100	1319	Fenceline
371356.7500	3757207.4600	1416	Fenceline
371356.8900	3756960.8500	1270	Fenceline
371402.3700	3758061.2400	958	Fenceline
371437.8100	3757206.2700	1415	Fenceline
371447.3100	3755400.7300	1318	Fenceline
371455.3300	3756959.3400	1271	Fenceline
371474.0900	3758110.8800	959	Fenceline
371518.8700	3757205.0700	1414	Fenceline
371537.3900	3758154.6900	1251	Fenceline
371542.9900	3755399.6500	1317	Fenceline
371599.9300	3757203.8700	1413	Fenceline
371600.7000	3758198.5100	1252	Fenceline
371613.5200	3756957.4688	1273	Fenceline
371638.6800	3755398.5800	1316	Fenceline
371652.2200	3756956.3100	1273	Fenceline
371664.0000	3758242.3300	1253	Fenceline
371678.8271	3757376.4672	1148	Fenceline
371680.9900	3757202.6800	1150	Fenceline
371683.7114	3757291.7814	1149	Fenceline
371734.3600	3755397.5000	1029	Fenceline
371750.6600	3756954.8000	1274	Fenceline

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X	Y	Receptor Number	Group
371767.8100	3758230.2700	962	Fenceline
371801.0400	3755399.2300	1315	Fenceline
371812.2461	3757364.1949	1153	Fenceline
371825.6200	3758161.9200	965	Fenceline
371849.1000	3756953.2900	1275	Fenceline
371866.0300	3757363.0900	1417	Fenceline
371867.7200	3755400.9600	1314	Fenceline
371895.0200	3758059.6800	971	Fenceline
371898.9000	3758134.1700	970	Fenceline
371909.5800	3757435.5900	983	Fenceline
371916.8500	3757398.5400	1162	Fenceline
371917.2000	3757362.2700	1151	Fenceline
371927.0100	3757742.1800	977	Fenceline
371928.0600	3757790.6900	976	Fenceline
371934.4000	3755402.6900	1028	Fenceline
371934.4000	3757852.4400	974	Fenceline
371937.6100	3757919.4300	1255	Fenceline
371940.8200	3757986.4200	1254	Fenceline
371944.0300	3758053.4100	973	Fenceline
371947.5400	3756951.7800	1276	Fenceline
371954.9800	3757424.1800	1174	Fenceline
372007.7000	3757423.5100	1419	Fenceline
372031.4800	3757755.8800	1179	Fenceline
372033.8500	3755399.0500	1313	Fenceline
372045.9900	3756950.2600	1277	Fenceline
372060.4200	3757422.8300	1173	Fenceline
372097.9700	3757754.9700	1422	Fenceline
372114.6200	3757440.2400	1164	Fenceline
372133.2900	3755395.4200	1312	Fenceline
372144.4300	3756948.7500	1278	Fenceline
372152.0100	3757362.3300	1418	Fenceline
372153.8000	3757418.8300	1167	Fenceline
372154.4700	3757439.8600	1163	Fenceline
372156.9700	3757518.4100	1425	Fenceline
372159.4700	3757596.9600	1424	Fenceline
372161.9700	3757675.5100	1423	Fenceline
372164.4600	3757754.0600	1180	Fenceline
372232.7300	3755391.7900	1311	Fenceline
372242.8700	3756947.2400	1279	Fenceline
372332.1800	3755388.1500	1027	Fenceline
372341.3100	3756945.7300	1280	Fenceline
372410.7300	3755381.9900	1310	Fenceline
372439.7600	3756944.2100	1281	Fenceline

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X	Y	Receptor Number	Group
372489.2800	3755375.8300	1309	Fenceline
372538.2000	3756942.7000	1282	Fenceline
372567.8300	3755369.6700	1026	Fenceline
372621.2400	3755369.9600	1025	Fenceline
372627.9600	3756505.7700	1011	Fenceline
372628.3500	3756589.0500	1010	Fenceline
372630.8100	3757026.0300	1213	Fenceline
372632.2317	3757120.4984	1435	Fenceline
372632.5300	3756752.3400	1005	Fenceline
372634.5900	3756846.7600	1283	Fenceline
372634.7000	3757211.5800	1216	Fenceline
372636.6400	3756941.1900	1004	Fenceline
372650.0200	3757248.6100	1217	Fenceline
372671.9000	3757332.1400	1218	Fenceline
372672.3600	3756975.4200	1211	Fenceline
372672.5700	3757018.0400	1212	Fenceline
372692.6300	3756588.5300	1009	Fenceline
372694.6000	3756751.9100	1284	Fenceline
372697.7800	3755368.9700	1308	Fenceline
372704.4100	3757417.1300	1222	Fenceline
372725.3400	3756505.4400	1286	Fenceline
372730.5800	3756678.5500	1285	Fenceline
372739.2167	3757507.1522	1227	Fenceline
372756.6700	3756751.4800	1006	Fenceline
372768.3500	3756973.5900	1434	Fenceline
372770.7100	3757656.8900	1232	Fenceline
372773.2300	3757598.1800	1228	Fenceline
372774.3200	3755367.9800	1307	Fenceline
372774.7500	3757745.6200	1233	Fenceline
372784.4000	3757635.2500	1231	Fenceline
372822.7100	3756505.1200	1287	Fenceline
372839.8000	3757745.9300	1436	Fenceline
372850.8700	3755366.9900	1306	Fenceline
372864.3500	3756971.7600	1210	Fenceline
372904.8500	3757746.2400	1234	Fenceline
372910.2700	3757732.1300	1237	Fenceline
372919.4300	3756436.5800	1013	Fenceline
372920.0900	3756504.7900	1012	Fenceline
372927.4100	3755366.0000	1024	Fenceline
372927.8600	3755465.3300	1305	Fenceline
372928.3200	3755564.6700	1304	Fenceline
372928.7700	3755664.0000	1303	Fenceline
372929.2300	3755763.3400	1023	Fenceline

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X	Y	Receptor Number	Group
372947.7500	3756971.6100	1433	Fenceline
372992.8200	3755761.7600	1302	Fenceline
372995.8700	3757731.7500	1239	Fenceline
373004.4300	3756435.3500	1288	Fenceline
373031.1500	3756971.4500	1209	Fenceline
373056.4000	3755760.1800	1022	Fenceline
373057.5900	3755829.9200	1301	Fenceline
373058.7900	3755899.6500	1021	Fenceline
373077.6800	3757731.3800	1437	Fenceline
373089.4400	3756434.1300	1289	Fenceline
373118.1081	3756991.1858	1203	Fenceline
373137.8400	3755759.3900	1019	Fenceline
373138.3300	3755829.3700	1300	Fenceline
373138.8200	3755899.3500	1020	Fenceline
373159.4900	3757731.0100	1438	Fenceline
373174.4500	3756432.9100	1290	Fenceline
373179.1682	3757023.6577	1195	Fenceline
373213.1400	3755758.3400	1299	Fenceline
373236.6200	3757073.6400	1185	Fenceline
373241.3000	3757730.6400	1439	Fenceline
373259.4500	3756431.6800	1014	Fenceline
373288.4400	3755757.2900	1298	Fenceline
373303.0600	3757072.9000	1432	Fenceline
373317.1400	3756432.0300	1291	Fenceline
373323.1100	3757730.2700	1240	Fenceline
373323.2800	3757744.8700	1241	Fenceline
373363.7400	3755756.2400	1018	Fenceline
373365.1300	3755845.9600	1297	Fenceline
373366.5300	3755935.6900	1296	Fenceline
373367.9200	3756025.4100	1295	Fenceline
373369.3100	3756115.1300	1294	Fenceline
373369.5000	3757072.1600	1184	Fenceline
373370.3700	3757159.7500	1431	Fenceline
373370.7100	3756204.8600	1293	Fenceline
373371.2400	3757247.3400	1430	Fenceline
373372.1000	3756294.5800	1017	Fenceline
373372.1200	3757334.9400	1429	Fenceline
373372.9900	3757422.5300	1428	Fenceline
373373.7200	3756378.8600	1292	Fenceline
373373.8600	3757510.1200	1427	Fenceline
373374.7300	3757597.7100	1426	Fenceline
373374.8300	3756432.3700	1015	Fenceline
373375.6000	3757685.3100	1183	Fenceline

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X	Y	Receptor Number	Group
373393.4300	3757684.8500	1182	Fenceline
373394.3000	3757744.1900	1181	Fenceline
367047.6300	3761097.0100	679	Hospital
370737.5400	3762942.9200	832	Elderly Care
371031.9300	3758057.8600	848	Hospital
371034.3800	3758338.8800	840	Hospital
371091.6500	3754274.9400	847	Worker
371165.7800	3758547.8300	842	Hospital
372241.0000	3757383.0000	1418	Hospital
372703.0100	3761799.6400	678	Hospital
374194.9700	3754806.8600	831	Elderly Care
374697.4300	3760305.5000	844	Worker
375423.7400	3758805.1400	833	Elderly Care
375433.4200	3757541.5900	677	Hospital
378090.0600	3758535.3300	687	Worker
368494.8800	3756671.2800	854	Onsite
370394.8000	3756845.7300	855	Onsite
368983.2300	3754581.5700	849	Recreational
369216.4100	3758422.4500	851	Recreational
369532.5700	3755391.6700	850	Recreational
369574.0400	3758166.3900	882	Recreational
369581.3700	3758516.0700	1401	Recreational
369830.0800	3755394.8400	853	Recreational
370114.1200	3758186.5300	900	Recreational
371021.6900	3757820.6000	852	Recreational
366809.7734	3757837.2734	1068	Residential
366843.2617	3757860.5197	1068	Residential
366900.0000	3758500.0000	463	Residential
366900.0000	3762500.0000	548	Residential
366900.0000	3763500.0000	570	Residential
366900.0000	3764500.0000	592	Residential
366982.4100	3757958.6500	1380	Residential
367163.9700	3758028.8000	1072	Residential
367275.3800	3757999.9200	1075	Residential
367395.0400	3758065.9400	129	Residential
367880.4000	3758145.8400	1387	Residential
367900.0000	3761500.0000	527	Residential
367900.0000	3762500.0000	549	Residential
367900.0000	3764500.0000	593	Residential
368068.9700	3758068.9400	1388	Residential
368182.4800	3758015.8500	1111	Residential
368416.8300	3757988.3900	130	Residential
368577.9400	3757979.2300	1118	Residential

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X	Y	Receptor Number	Group
368764.6800	3758079.9300	1391	Residential
368900.0000	3754500.0000	407	Residential
368900.0000	3759500.0000	485	Residential
368900.0000	3761500.0000	528	Residential
368900.0000	3762500.0000	550	Residential
368900.0000	3763500.0000	572	Residential
368900.0000	3764500.0000	594	Residential
368944.1000	3758186.1200	1125	Residential
369206.2500	3758147.2600	1131	Residential
369268.4900	3758066.3400	1394	Residential
369333.8500	3757999.4300	1133	Residential
369425.6000	3758641.9900	1139	Residential
369599.5300	3758634.6700	1402	Residential
369775.2900	3758632.8300	1140	Residential
369834.0100	3758329.3300	1141	Residential
369900.0000	3754500.0000	408	Residential
369900.0000	3758500.0000	466	Residential
369900.0000	3759500.0000	486	Residential
369900.0000	3761500.0000	529	Residential
369900.0000	3762500.0000	551	Residential
369900.0000	3764500.0000	595	Residential
370006.1000	3758331.1600	898	Residential
370183.6900	3758338.4900	901	Residential
370425.3500	3758336.6600	916	Residential
370701.7900	3758334.8200	917	Residential
370780.5200	3758327.5000	918	Residential
370900.0000	3759500.0000	487	Residential
370900.0000	3760500.0000	508	Residential
370900.0000	3762500.0000	552	Residential
370900.0000	3763500.0000	574	Residential
370900.0000	3764500.0000	596	Residential
371295.2900	3758036.9400	957	Residential
371421.4600	3758118.1900	959	Residential
371550.5100	3758209.0000	1252	Residential
371685.2800	3758299.8100	960	Residential
371754.1100	3758291.2000	960	Residential
371807.6400	3758213.7800	963	Residential
371874.5500	3758164.0700	967	Residential
371900.0000	3758500.0000	468	Residential
371900.0000	3759500.0000	488	Residential
371900.0000	3762500.0000	553	Residential
371900.0000	3763500.0000	575	Residential
371933.8100	3758104.8100	970	Residential

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X	Y	Receptor Number	Group
372241.0000	3757883.0000	1180	Residential
372241.0000	3757983.0000	132	Residential
372341.0000	3757883.0000	132	Residential
372341.0000	3757983.0000	132	Residential
372900.0000	3753500.0000	393	Residential
372900.0000	3754500.0000	411	Residential
372900.0000	3759500.0000	489	Residential
372900.0000	3760500.0000	510	Residential
372900.0000	3761500.0000	532	Residential
372900.0000	3762500.0000	554	Residential
373541.0000	3757783.0000	1181	Residential
373541.0000	3757883.0000	133	Residential
373541.0000	3757983.0000	133	Residential
373641.0000	3756983.0000	116	Residential
373641.0000	3757083.0000	116	Residential
373641.0000	3757183.0000	1431	Residential
373641.0000	3757283.0000	1430	Residential
373641.0000	3757383.0000	1428	Residential
373641.0000	3757483.0000	450	Residential
373641.0000	3757583.0000	1426	Residential
373641.0000	3757683.0000	1182	Residential
373641.0000	3757783.0000	1181	Residential
373641.0000	3757883.0000	801	Residential
373641.0000	3757983.0000	801	Residential
373687.8900	3757980.0800	801	Residential
373900.0000	3753500.0000	394	Residential
373900.0000	3754500.0000	412	Residential
373900.0000	3755500.0000	425	Residential
373900.0000	3756500.0000	438	Residential
373900.0000	3757500.0000	450	Residential
373900.0000	3758500.0000	470	Residential
373900.0000	3760500.0000	511	Residential
373900.0000	3761500.0000	533	Residential
373900.0000	3764500.0000	599	Residential
374900.0000	3754500.0000	413	Residential
374900.0000	3755500.0000	426	Residential
374900.0000	3756500.0000	439	Residential
374900.0000	3757500.0000	451	Residential
374900.0000	3759500.0000	491	Residential
374900.0000	3760500.0000	512	Residential
374900.0000	3761500.0000	534	Residential
374900.0000	3762500.0000	556	Residential
374900.0000	3763500.0000	578	Residential

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X	Y	Receptor Number	Group
374900.0000	3764500.0000	600	Residential
375900.0000	3753500.0000	396	Residential
375900.0000	3755500.0000	427	Residential
375900.0000	3756500.0000	440	Residential
375900.0000	3760500.0000	513	Residential
375900.0000	3761500.0000	535	Residential
375900.0000	3762500.0000	557	Residential
375900.0000	3763500.0000	579	Residential
375900.0000	3764500.0000	601	Residential
376084.6200	3761776.4200	713	Residential
376900.0000	3755500.0000	428	Residential
376900.0000	3756500.0000	441	Residential
376900.0000	3758500.0000	473	Residential
376900.0000	3759500.0000	493	Residential
376900.0000	3760500.0000	514	Residential
376900.0000	3761500.0000	536	Residential
376900.0000	3762500.0000	558	Residential
376900.0000	3764500.0000	602	Residential
377900.0000	3753500.0000	398	Residential
377900.0000	3754500.0000	416	Residential
377900.0000	3755500.0000	429	Residential
377900.0000	3756500.0000	442	Residential
377900.0000	3757500.0000	454	Residential
377900.0000	3759500.0000	494	Residential
377900.0000	3760500.0000	515	Residential
377900.0000	3761500.0000	537	Residential
377900.0000	3762500.0000	559	Residential
377900.0000	3763500.0000	581	Residential
377900.0000	3764500.0000	603	Residential
378528.5900	3764156.4400	765	Residential
378900.0000	3753500.0000	399	Residential
378900.0000	3755500.0000	430	Residential
378900.0000	3756500.0000	443	Residential
378900.0000	3757500.0000	455	Residential
378900.0000	3758500.0000	475	Residential
378900.0000	3759500.0000	495	Residential
378900.0000	3760500.0000	516	Residential
378900.0000	3762500.0000	560	Residential
378900.0000	3763500.0000	582	Residential
378900.0000	3764500.0000	604	Residential
378902.8500	3757271.4500	699	Residential
379900.0000	3754500.0000	418	Residential
379900.0000	3755500.0000	431	Residential

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X	Y	Receptor Number	Group
379900.0000	3756500.0000	444	Residential
379900.0000	3757500.0000	456	Residential
379900.0000	3759500.0000	496	Residential
379900.0000	3760500.0000	517	Residential
379900.0000	3761500.0000	539	Residential
379900.0000	3762500.0000	561	Residential
379900.0000	3763500.0000	583	Residential
379900.0000	3764500.0000	605	Residential
380900.0000	3753500.0000	401	Residential
380900.0000	3754500.0000	419	Residential
380900.0000	3755500.0000	432	Residential
380900.0000	3756500.0000	445	Residential
380900.0000	3757500.0000	457	Residential
380900.0000	3758500.0000	477	Residential
380900.0000	3759500.0000	497	Residential
380900.0000	3760500.0000	518	Residential
380900.0000	3761500.0000	540	Residential
380900.0000	3762500.0000	562	Residential
380900.0000	3763500.0000	584	Residential
381900.0000	3754500.0000	420	Residential
381900.0000	3755500.0000	433	Residential
381900.0000	3756500.0000	446	Residential
381900.0000	3757500.0000	458	Residential
381900.0000	3759500.0000	498	Residential
381900.0000	3760500.0000	519	Residential
381900.0000	3761500.0000	541	Residential
381900.0000	3762500.0000	563	Residential
381900.0000	3763500.0000	585	Residential
381900.0000	3764500.0000	607	Residential
382900.0000	3753500.0000	403	Residential
382900.0000	3754500.0000	421	Residential
382900.0000	3755500.0000	434	Residential
382900.0000	3756500.0000	447	Residential
382900.0000	3757500.0000	459	Residential
382900.0000	3758500.0000	479	Residential
382900.0000	3759500.0000	499	Residential
382900.0000	3760500.0000	520	Residential
382900.0000	3761500.0000	542	Residential
382900.0000	3762500.0000	564	Residential
382900.0000	3763500.0000	586	Residential
382900.0000	3764500.0000	608	Residential
383900.0000	3753500.0000	404	Residential
383900.0000	3754500.0000	422	Residential

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X	Y	Receptor Number	Group
383900.0000	3755500.0000	435	Residential
383900.0000	3756500.0000	448	Residential
383900.0000	3757500.0000	460	Residential
383900.0000	3762500.0000	565	Residential
383900.0000	3763500.0000	587	Residential
383900.0000	3764500.0000	609	Residential
384900.0000	3753500.0000	405	Residential
384900.0000	3754500.0000	423	Residential
384900.0000	3755500.0000	436	Residential
384900.0000	3756500.0000	449	Residential
384900.0000	3757500.0000	461	Residential
384900.0000	3758500.0000	481	Residential
384900.0000	3759500.0000	501	Residential
384900.0000	3760500.0000	522	Residential
384900.0000	3761500.0000	544	Residential
384900.0000	3762500.0000	566	Residential
384900.0000	3763500.0000	588	Residential
384900.0000	3764500.0000	610	Residential
371641.0000	3756983.0000	1273	Roadway
371741.0000	3756983.0000	1274	Roadway
371841.0000	3756983.0000	1275	Roadway
371941.0000	3756983.0000	1276	Roadway
371941.0000	3757683.0000	1256	Roadway
372041.0000	3756983.0000	1277	Roadway
372141.0000	3756983.0000	1278	Roadway
372241.0000	3756983.0000	1279	Roadway
372341.0000	3756983.0000	1280	Roadway
372441.0000	3756983.0000	1281	Roadway
372541.0000	3756983.0000	1282	Roadway
372641.0000	3756983.0000	1211	Roadway
373241.0000	3756983.0000	1192	Roadway
373341.0000	3756983.0000	116	Roadway
373441.0000	3756983.0000	116	Roadway
373441.0000	3757583.0000	1426	Roadway
373441.0000	3757683.0000	1182	Roadway
373441.0000	3757783.0000	1181	Roadway
373441.0000	3757883.0000	133	Roadway
373441.0000	3757983.0000	133	Roadway
373541.0000	3756983.0000	116	Roadway
373541.0000	3757083.0000	116	Roadway
373541.0000	3757183.0000	1431	Roadway
373541.0000	3757283.0000	1430	Roadway
373541.0000	3757383.0000	1428	Roadway

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X	Y	Receptor Number	Group
373541.0000	3757483.0000	1427	Roadway
373541.0000	3757583.0000	1426	Roadway
373541.0000	3757683.0000	1182	Roadway
366455.2700	3763213.6700	762	School
366669.6200	3763342.5300	725	School
366671.3100	3762769.2100	746	School
367494.5300	3758314.8200	735	School
367575.1600	3764900.8000	730	School
367638.4900	3757975.1600	1090	School
367728.6200	3761967.1900	715	School
367787.5900	3758292.6200	751	School
367831.3400	3763245.9100	739	School
367900.0000	3758500.0000	464	School
367926.0800	3763311.1600	724	School
367964.9800	3758232.9700	750	School
367976.3700	3763336.7400	808	School
367978.9100	3758390.1000	752	School
368188.7800	3758591.4700	741	School
368501.1100	3761632.3800	711	School
368505.4900	3758571.2200	811	School
368673.2900	3761677.6900	712	School
368693.4200	3758359.4700	701	School
368842.9200	3761590.3900	756	School
368869.1100	3754097.8900	817	School
368869.8300	3765067.0000	733	School
368969.9900	3761647.2000	692	School
368970.5400	3754677.6400	807	School
369007.1100	3762513.1100	720	School
369227.9900	3762251.9100	718	School
369242.3700	3754695.6200	803	School
369456.9800	3762567.4800	721	School
369504.0000	3754702.0800	805	School
369767.9100	3761150.9800	709	School
369809.3400	3764567.6500	780	School
369845.1800	3754154.9700	816	School
369848.4100	3753976.4900	822	School
370097.8800	3760014.3100	706	School
370150.9500	3754699.7500	806	School
370192.9600	3758860.7000	702	School
370243.1700	3759622.9800	704	School
370246.2000	3754243.1200	804	School
370290.7400	3759464.6000	754	School
370608.7800	3762239.9700	777	School

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X	Y	Receptor Number	Group
370614.8000	3762181.5300	781	School
370625.9600	3763759.0800	776	School
370723.5600	3763867.7800	775	School
370968.5800	3759443.6300	824	School
371139.1400	3758179.3000	700	School
371516.0500	3762577.7500	782	School
371721.4000	3759371.6100	703	School
371973.8100	3758892.6500	823	School
372687.7200	3759513.0100	736	School
372943.4900	3761051.6600	789	School
373546.5200	3760907.4800	787	School
373736.6000	3756503.9300	438	School
373758.2000	3758043.2300	801	School
373781.5800	3755802.1400	425	School
373814.2000	3756040.5700	101	School
373990.0600	3753826.1400	784	School
374057.7300	3758196.5100	788	School
374270.9500	3758673.4200	799	School
374561.0500	3757642.9400	797	School
374688.8400	3758984.9000	794	School
374693.9600	3758983.1700	790	School
374717.4600	3762574.3900	737	School
375503.8000	3764537.7700	729	School
375614.9700	3760555.1000	795	School
375718.0400	3758204.9500	800	School
375902.7900	3764940.5200	731	School
375908.3800	3763938.7100	740	School
375920.6000	3762083.3900	717	School
376709.1500	3756388.4800	791	School
376814.3900	3754856.2100	798	School
377050.1500	3761774.2900	757	School
377052.3400	3761911.9000	743	School
377227.1400	3756422.4200	802	School
377237.8800	3763993.2100	748	School
377313.0100	3756205.1300	793	School
377330.5600	3760754.6000	708	School
377342.3700	3764027.2700	763	School
377388.1900	3762578.3900	745	School
377563.4700	3760340.4400	742	School
377753.4200	3759272.7600	792	School
377839.6600	3764649.0200	738	School
377841.6500	3762246.9400	744	School
377908.3900	3762502.0300	722	School

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X	Y	Receptor Number	Group
377916.0000	3755241.1200	696	School
377924.8600	3763642.8800	727	School
377967.0500	3762224.4800	758	School
378003.5200	3753139.0500	693	School
378022.1100	3755897.2500	697	School
378066.5900	3761432.9000	710	School
378209.6600	3764122.3900	764	School
378212.3300	3753511.5200	694	School
378223.5100	3760237.3900	707	School
378326.9000	3764105.9500	771	School
378366.5100	3755075.2600	695	School
378370.0500	3759869.8600	705	School
378781.9600	3760336.1700	755	School
378862.3900	3757229.8700	698	School
366900.0000	3759500.0000	483	Wetlands
367900.0000	3759500.0000	484	Wetlands
366900.0000	3760500.0000	504	Worker
366900.0000	3761500.0000	526	Worker
367900.0000	3753500.0000	388	Worker
367900.0000	3754500.0000	406	Worker
367900.0000	3760500.0000	505	Worker
367900.0000	3763500.0000	571	Worker
368900.0000	3753500.0000	389	Worker
368900.0000	3758500.0000	465	Worker
368900.0000	3760500.0000	506	Worker
369079.5800	3758184.2900	1392	Worker
369900.0000	3753500.0000	390	Worker
369900.0000	3760500.0000	507	Worker
369900.0000	3763500.0000	573	Worker
370313.6700	3758254.2700	910	Worker
370834.0300	3758177.0100	1246	Worker
370900.0000	3753500.0000	391	Worker
370900.0000	3754500.0000	409	Worker
370900.0000	3755500.0000	424	Worker
370900.0000	3758500.0000	467	Worker
370900.0000	3761500.0000	530	Worker
370933.9600	3757895.9000	1248	Worker
371041.0000	3757083.0000	1266	Worker
371041.0000	3757183.0000	1264	Worker
371041.0000	3757283.0000	1263	Worker
371141.0000	3757083.0000	1268	Worker
371141.0000	3757183.0000	998	Worker
371141.0000	3757283.0000	1262	Worker

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X	Y	Receptor Number	Group
371150.0000	3757970.9900	955	Worker
371241.0000	3757083.0000	1269	Worker
371241.0000	3757183.0000	996	Worker
371341.0000	3757083.0000	114	Worker
371341.0000	3757183.0000	1416	Worker
371441.0000	3757083.0000	114	Worker
371441.0000	3757183.0000	1415	Worker
371539.5600	3757095.6300	1406	Worker
371540.3600	3757178.3100	1143	Worker
371614.3300	3757093.3200	1407	Worker
371615.1500	3757177.5900	1144	Worker
371641.0000	3757083.0000	1407	Worker
371641.0000	3757183.0000	1144	Worker
371741.0000	3757083.0000	1407	Worker
371741.0000	3757183.0000	1150	Worker
371741.0000	3757283.0000	1149	Worker
371841.0000	3757083.0000	1275	Worker
371841.0000	3757183.0000	1150	Worker
371841.0000	3757283.0000	1417	Worker
371900.0000	3753500.0000	392	Worker
371900.0000	3754500.0000	410	Worker
371900.0000	3760500.0000	509	Worker
371900.0000	3761500.0000	531	Worker
371900.0000	3764500.0000	597	Worker
371941.0000	3757083.0000	1276	Worker
371941.0000	3757183.0000	1170	Worker
371941.0000	3757283.0000	1151	Worker
371941.0000	3757383.0000	1162	Worker
372041.0000	3757083.0000	1277	Worker
372041.0000	3757183.0000	1170	Worker
372041.0000	3757283.0000	1170	Worker
372041.0000	3757383.0000	1172	Worker
372041.0000	3757783.0000	1179	Worker
372041.0000	3757883.0000	1255	Worker
372041.0000	3757983.0000	1254	Worker
372141.0000	3757083.0000	1278	Worker
372141.0000	3757183.0000	1169	Worker
372141.0000	3757283.0000	1169	Worker
372141.0000	3757783.0000	1180	Worker
372141.0000	3757883.0000	1180	Worker
372141.0000	3757983.0000	1254	Worker
372241.0000	3757083.0000	1279	Worker
372241.0000	3757183.0000	1169	Worker

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X	Y	Receptor Number	Group
372241.0000	3757283.0000	1168	Worker
372241.0000	3757483.0000	1425	Worker
372241.0000	3757583.0000	1424	Worker
372241.0000	3757683.0000	1423	Worker
372241.0000	3757783.0000	1180	Worker
372341.0000	3757083.0000	115	Worker
372341.0000	3757183.0000	115	Worker
372341.0000	3757283.0000	1168	Worker
372341.0000	3757383.0000	1418	Worker
372341.0000	3757483.0000	1425	Worker
372341.0000	3757583.0000	1424	Worker
372341.0000	3757683.0000	1423	Worker
372341.0000	3757783.0000	1180	Worker
372441.0000	3757083.0000	115	Worker
372441.0000	3757183.0000	115	Worker
372441.0000	3757283.0000	1216	Worker
372441.0000	3757383.0000	1218	Worker
372441.0000	3757483.0000	1219	Worker
372441.0000	3757583.0000	1424	Worker
372441.0000	3757683.0000	1423	Worker
372441.0000	3757783.0000	132	Worker
372441.0000	3757883.0000	132	Worker
372441.0000	3757983.0000	132	Worker
372541.0000	3757083.0000	1214	Worker
372541.0000	3757183.0000	1215	Worker
372541.0000	3757283.0000	1217	Worker
372541.0000	3757383.0000	1218	Worker
372541.0000	3757483.0000	1222	Worker
372541.0000	3757583.0000	1227	Worker
372541.0000	3757683.0000	1232	Worker
372541.0000	3757783.0000	1233	Worker
372541.0000	3757883.0000	132	Worker
372541.0000	3757983.0000	132	Worker
372641.0000	3757383.0000	1218	Worker
372641.0000	3757483.0000	1223	Worker
372641.0000	3757583.0000	1227	Worker
372641.0000	3757683.0000	1232	Worker
372641.0000	3757783.0000	1233	Worker
372641.0000	3757883.0000	1233	Worker
372641.0000	3757983.0000	132	Worker
372741.0000	3757683.0000	1232	Worker
372741.0000	3757783.0000	1233	Worker
372741.0000	3757883.0000	1233	Worker

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X	Y	Receptor Number	Group
372741.0000	3757983.0000	1233	Worker
372841.0000	3757783.0000	1436	Worker
372841.0000	3757883.0000	1436	Worker
372841.0000	3757983.0000	1436	Worker
372843.7500	3756668.9200	1285	Worker
372857.7900	3756854.9100	1210	Worker
372900.0000	3758500.0000	469	Worker
372900.0000	3763500.0000	576	Worker
372900.0000	3764500.0000	598	Worker
372941.0000	3757783.0000	1235	Worker
372941.0000	3757883.0000	1234	Worker
372941.0000	3757983.0000	1234	Worker
373035.5000	3755453.6800	1305	Worker
373035.5000	3755652.8200	1303	Worker
373041.0000	3757783.0000	1437	Worker
373041.0000	3757883.0000	1437	Worker
373041.0000	3757983.0000	1437	Worker
373141.0000	3757783.0000	1438	Worker
373141.0000	3757883.0000	1438	Worker
373141.0000	3757983.0000	1438	Worker
373241.0000	3757783.0000	1439	Worker
373241.0000	3757883.0000	1439	Worker
373241.0000	3757983.0000	133	Worker
373247.3100	3756833.8500	1199	Worker
373250.8200	3756654.8900	1014	Worker
373258.9200	3755458.5400	1298	Worker
373278.3500	3755647.9700	1298	Worker
373341.0000	3757783.0000	1241	Worker
373341.0000	3757883.0000	133	Worker
373341.0000	3757983.0000	133	Worker
373441.0000	3757083.0000	1184	Worker
373441.0000	3757183.0000	1431	Worker
373441.0000	3757283.0000	1430	Worker
373441.0000	3757383.0000	1428	Worker
373441.0000	3757483.0000	1427	Worker
373900.0000	3759500.0000	490	Worker
373900.0000	3762500.0000	555	Worker
373900.0000	3763500.0000	577	Worker
374900.0000	3753500.0000	395	Worker
374900.0000	3758500.0000	471	Worker
375900.0000	3754500.0000	414	Worker
375900.0000	3757500.0000	452	Worker
375900.0000	3758500.0000	472	Worker

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X	Y	Receptor Number	Group
375900.0000	3759500.0000	492	Worker
376900.0000	3753500.0000	397	Worker
376900.0000	3754500.0000	415	Worker
376900.0000	3757500.0000	453	Worker
376900.0000	3763500.0000	580	Worker
377900.0000	3758500.0000	474	Worker
378900.0000	3754500.0000	417	Worker
378900.0000	3761500.0000	538	Worker
379900.0000	3753500.0000	400	Worker
379900.0000	3758500.0000	476	Worker
380900.0000	3764500.0000	606	Worker
381900.0000	3753500.0000	402	Worker
381900.0000	3758500.0000	478	Worker
383900.0000	3758500.0000	480	Worker
383900.0000	3759500.0000	500	Worker
383900.0000	3760500.0000	521	Worker
383900.0000	3761500.0000	543	Worker

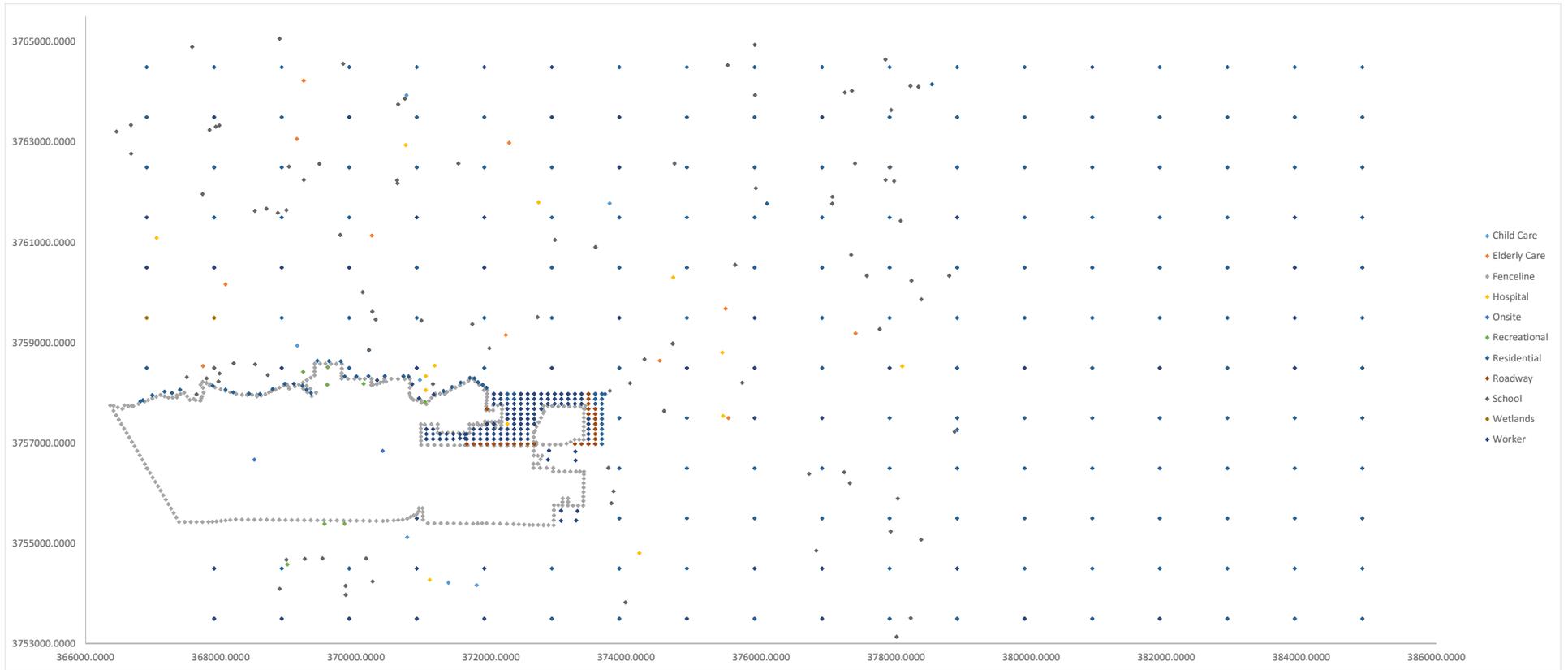
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## **Attachment F.3**

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### Construction Concentrations– Toxic Air Contaminants

- Receptor Locations



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## **Attachment F.3**

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### Construction Concentrations– Toxic Air Contaminants

- TOG Specification Profiles

## Volatile Organic Compound toxic air contaminant speciation profiles

ORGP	SAROAD	ORGFRACTION	ORGP	Chemical Name	CAS
818	43201	0.0408	Farm equipment - diesel - light & heavy - (ems=actual weight)	methane	74828
818	43202	0.0057	Farm equipment - diesel - light & heavy - (ems=actual weight)	ethane	74840
818	43203	0.1438	Farm equipment - diesel - light & heavy - (ems=actual weight)	ethylene	74851
818	43204	0.0019	Farm equipment - diesel - light & heavy - (ems=actual weight)	propane	74986
818	43205	0.026	Farm equipment - diesel - light & heavy - (ems=actual weight)	propylene	115071
818	43206	0.0425	Farm equipment - diesel - light & heavy - (ems=actual weight)	acetylene	74862
818	43208	0.0047	Farm equipment - diesel - light & heavy - (ems=actual weight)	1,2-propadiene	463490
818	43212	0.001	Farm equipment - diesel - light & heavy - (ems=actual weight)	n-butane	106978
818	43213	0.0067	Farm equipment - diesel - light & heavy - (ems=actual weight)	1-butene	106989
818	43214	0.0122	Farm equipment - diesel - light & heavy - (ems=actual weight)	isobutane	75285
818	43215	0.0092	Farm equipment - diesel - light & heavy - (ems=actual weight)	isobutylene	115117
818	43216	0.002	Farm equipment - diesel - light & heavy - (ems=actual weight)	trans-2-butene	624646
818	43217	0.0009	Farm equipment - diesel - light & heavy - (ems=actual weight)	cis-2-butene	590181
818	43218	0.0019	Farm equipment - diesel - light & heavy - (ems=actual weight)	1,3-butadiene	106990
818	43220	0.0018	Farm equipment - diesel - light & heavy - (ems=actual weight)	n-pentane	109660
818	43224	0.0032	Farm equipment - diesel - light & heavy - (ems=actual weight)	1-pentene	109671
818	43226	0.0004	Farm equipment - diesel - light & heavy - (ems=actual weight)	trans-2-pentene	646048
818	43227	0.0003	Farm equipment - diesel - light & heavy - (ems=actual weight)	cis-2-pentene	627203
818	43229	0.0039	Farm equipment - diesel - light & heavy - (ems=actual weight)	2-methylpentane	107835
818	43230	0.0012	Farm equipment - diesel - light & heavy - (ems=actual weight)	3-methylpentane	96140
818	43231	0.0016	Farm equipment - diesel - light & heavy - (ems=actual weight)	hexane	110543
818	43232	0.0007	Farm equipment - diesel - light & heavy - (ems=actual weight)	n-heptane	142825
818	43233	0.0014	Farm equipment - diesel - light & heavy - (ems=actual weight)	n-octane	111659
818	43234	0.0003	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,3-dimethyl-1-butene	563780
818	43235	0.0023	Farm equipment - diesel - light & heavy - (ems=actual weight)	n-nonane	111842
818	43238	0.0053	Farm equipment - diesel - light & heavy - (ems=actual weight)	n-decane	124185
818	43241	0.0026	Farm equipment - diesel - light & heavy - (ems=actual weight)	n-undecane	1120214
818	43242	0.0001	Farm equipment - diesel - light & heavy - (ems=actual weight)	cyclopentane	287923
818	43248	0.0003	Farm equipment - diesel - light & heavy - (ems=actual weight)	cyclohexane	110827
818	43261	0.0007	Farm equipment - diesel - light & heavy - (ems=actual weight)	methylcyclohexane	108872
818	43262	0.0015	Farm equipment - diesel - light & heavy - (ems=actual weight)	methylcyclopentane	96377
818	43264	0.0011	Farm equipment - diesel - light & heavy - (ems=actual weight)	cyclohexanone	108941
818	43271	0.0002	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,4-dimethylpentane	108087
818	43274	0.0007	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,3-dimethylpentane	565593
818	43275	0.0012	Farm equipment - diesel - light & heavy - (ems=actual weight)	2-methylhexane	591764
818	43276	0.003	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,2,4-trimethylpentane	540841
818	43277	0.0004	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,4-dimethylhexane	589435
818	43279	0.0002	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,3,4-trimethylpentane	565753
818	43291	0.0006	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,2-dimethylbutane	75832
818	43295	0.0035	Farm equipment - diesel - light & heavy - (ems=actual weight)	3-methylhexane	589344
818	43301	0.0003	Farm equipment - diesel - light & heavy - (ems=actual weight)	methanol	67561
818	43302	0.0001	Farm equipment - diesel - light & heavy - (ems=actual weight)	ethyl alcohol	64175
818	43502	0.1471	Farm equipment - diesel - light & heavy - (ems=actual weight)	formaldehyde	50000
818	43503	0.0735	Farm equipment - diesel - light & heavy - (ems=actual weight)	acetaldehyde	75070
818	43504	0.0097	Farm equipment - diesel - light & heavy - (ems=actual weight)	propionaldehyde	123386
818	43510	0.0187	Farm equipment - diesel - light & heavy - (ems=actual weight)	butyraldehyde	123728
818	43512	0.0011	Farm equipment - diesel - light & heavy - (ems=actual weight)	c5 aldehyde	0
818	43551	0.0751	Farm equipment - diesel - light & heavy - (ems=actual weight)	[d] acetone [deleted/obsolete emittent id]	67641
818	43552	0.0148	Farm equipment - diesel - light & heavy - (ems=actual weight)	methyl ethyl ketone {2-butanone}	78933
818	43559	0.009	Farm equipment - diesel - light & heavy - (ems=actual weight)	methyl n-butyl ketone	591786
818	45105	0.0013	Farm equipment - diesel - light & heavy - (ems=actual weight)	isomers of butylbenzene	0
818	45106	0.0014	Farm equipment - diesel - light & heavy - (ems=actual weight)	isomers of diethylbenzene	0
818	45201	0.02	Farm equipment - diesel - light & heavy - (ems=actual weight)	benzene	71432
818	45202	0.0147	Farm equipment - diesel - light & heavy - (ems=actual weight)	toluene	108883
818	45203	0.0031	Farm equipment - diesel - light & heavy - (ems=actual weight)	ethyl benzene	100414
818	45204	0.0034	Farm equipment - diesel - light & heavy - (ems=actual weight)	o-xylene	95476
818	45205	0.0061	Farm equipment - diesel - light & heavy - (ems=actual weight)	m-xylene	108383
818	45206	0.001	Farm equipment - diesel - light & heavy - (ems=actual weight)	p-xylene	106423
818	45207	0.0019	Farm equipment - diesel - light & heavy - (ems=actual weight)	1,3,5-trimethylbenzene	108678
818	45208	0.0053	Farm equipment - diesel - light & heavy - (ems=actual weight)	1,2,4-trimethylbenzene	95636
818	45209	0.0012	Farm equipment - diesel - light & heavy - (ems=actual weight)	n-propylbenzene	103651
818	45215	0.0001	Farm equipment - diesel - light & heavy - (ems=actual weight)	t-butylbenzene	98066
818	45220	0.0006	Farm equipment - diesel - light & heavy - (ems=actual weight)	styrene	100425
818	45225	0.0012	Farm equipment - diesel - light & heavy - (ems=actual weight)	1,2,3-trimethylbenzene	526738
818	45234	0.0005	Farm equipment - diesel - light & heavy - (ems=actual weight)	(1-methylpropyl)benzene	135988

ORGP	PROF	SAROAD	ORGFRA	ORGP	PROFN	Chemical Name	CAS
818		45235	0.0013	Farm equipment - diesel - light & heavy - (ems=actual weight)		(2-methylpropyl)benzene	538932
818		45501	0.007	Farm equipment - diesel - light & heavy - (ems=actual weight)		benzaldehyde	100527
818		90081	0.0006	Farm equipment - diesel - light & heavy - (ems=actual weight)		ethylhexane	0
818		98020	0.0005	Farm equipment - diesel - light & heavy - (ems=actual weight)		b-methylstyrene	637503
818		98043	0.0002	Farm equipment - diesel - light & heavy - (ems=actual weight)		cumene	98828
818		98044	0.0019	Farm equipment - diesel - light & heavy - (ems=actual weight)		indan	496117
818		98046	0.0009	Farm equipment - diesel - light & heavy - (ems=actual weight)		naphthalene	91203
818		98049	0.005	Farm equipment - diesel - light & heavy - (ems=actual weight)		c9 aromatics	0
818		98050	0.0008	Farm equipment - diesel - light & heavy - (ems=actual weight)		c10 aromatics	0
818		98078	0.0175	Farm equipment - diesel - light & heavy - (ems=actual weight)		alkene ketone	0
818		98095	0.038	Farm equipment - diesel - light & heavy - (ems=actual weight)		c6 aldehydes	0
818		98132	0.006	Farm equipment - diesel - light & heavy - (ems=actual weight)		isopentane	78784
818		98139	0.0001	Farm equipment - diesel - light & heavy - (ems=actual weight)		2,3-dimethylhexane	584941
818		98140	0.0006	Farm equipment - diesel - light & heavy - (ems=actual weight)		2-methylheptane	592278
818		98154	0.0009	Farm equipment - diesel - light & heavy - (ems=actual weight)		1,2-diethylbenzene (ortho)	135013
818		98169	0.0282	Farm equipment - diesel - light & heavy - (ems=actual weight)		3,3-dimethyl-1-butene	558372
818		99912	0.0025	Farm equipment - diesel - light & heavy - (ems=actual weight)		1-methyl-3-ethylbenzene	620144
818		99915	0.0014	Farm equipment - diesel - light & heavy - (ems=actual weight)		1-methyl-2-ethylbenzene	611143
818		99999	0.1386	Farm equipment - diesel - light & heavy - (ems=actual weight)		unidentified	999999
2120		43160	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		2,2,3-trimethylbutane	464062
2120		43201	0.3114	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		methane	74828
2120		43202	0.0087	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		ethane	74840
2120		43203	0.0539	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		ethylene	74851
2120		43204	0.0005	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		propane	74986
2120		43205	0.0259	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		propylene	115071
2120		43206	0.0275	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		acetylene	74862
2120		43208	0.0012	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		1,2-propadiene	463490
2120		43209	0.0019	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		1-propyne	74997
2120		43211	0.0009	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		3-methyl-1-pentene	760203
2120		43212	0.0065	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		n-butane	106978
2120		43213	0.0035	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		1-butene	106989
2120		43214	0.0002	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		isobutane	75285
2120		43215	0.0147	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		isobutylene	115117
2120		43216	0.002	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		trans-2-butene	624646
2120		43217	0.0014	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		cis-2-butene	590181
2120		43218	0.0046	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		1,3-butadiene	106990
2120		43220	0.0236	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		n-pentane	109660
2120		43221	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		1,2-butadiene (methylallene)	590192
2120		43223	0.0019	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		3-methyl-1-butene	563451
2120		43224	0.0011	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		1-pentene	109671
2120		43225	0.0024	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		2-methyl-1-butene	563462
2120		43226	0.0018	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		trans-2-pentene	646048
2120		43227	0.001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		cis-2-pentene	627203
2120		43228	0.0034	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		2-methyl-2-butene	513359
2120		43229	0.0318	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		2-methylpentane	107835
2120		43230	0.0187	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		3-methylpentane	96140
2120		43231	0.0135	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		hexane	110543
2120		43232	0.0042	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		n-heptane	142825
2120		43233	0.0032	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		n-octane	111659
2120		43234	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		2,3-dimethyl-1-butene	563780
2120		43235	0.0014	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		n-nonane	111842
2120		43238	0.0013	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		n-decane	124185
2120		43241	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		n-undecane	1120214
2120		43242	0.003	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		cyclopentane	287923
2120		43243	0.0012	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		isoprene, except from vegetative emission sources	78795
2120		43245	0.0004	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		1-hexene	592416
2120		43248	0.0052	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		cyclohexane	110827
2120		43252	0.0005	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		2,2,5-triethylheptane	20291956
2120		43255	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		n-dodecane	112403
2120		43261	0.0069	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		methylcyclohexane	108872
2120		43262	0.0236	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		methylcyclopentane	96377
2120		43271	0.0049	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		2,4-dimethylpentane	108087
2120		43272	0.0006	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		3-methylcyclopentene	1120623
2120		43273	0.0007	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		cyclohexene	110838
2120		43274	0.0164	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		2,3-dimethylpentane	565593
2120		43276	0.0195	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		2,2,4-trimethylpentane	540841
2120		43277	0.0031	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)		2,4-dimethylhexane	589435

ORGP	PROF	SAROAD	ORGFRA	ORGP	PROFN	Chemical Name	CAS
2120		43278	0.0038	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,5-dimethylhexane	592132
2120		43279	0.0068	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,3,4-trimethylpentane	565753
2120		43291	0.0054	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,2-dimethylbutane	75832
2120		43292	0.0016	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	cyclopentene	142290
2120		43293	0.0005	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	4-methyl-trans-2-pentene	674760
2120		43295	0.0087	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	3-methylhexane	589344
2120		43297	0.0018	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	4-methylheptane	589537
2120		43298	0.0068	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	3-methylheptane	589811
2120		43300	0.003	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	3-ethylpentane	617787
2120		43301	0.001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	methanol	67561
2120		43302	0.0099	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	ethyl alcohol	64175
2120		43400	0.0014	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,2,4-trimethylcyclopentene	2815589
2120		43502	0.0134	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	formaldehyde	50000
2120		43503	0.0024	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	acetaldehyde	75070
2120		43504	0.0003	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	propionaldehyde	123386
2120		43505	0.0011	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	acrolein	107028
2120		43506	0.0007	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2-methyl-2-propenal	78853
2120		43510	0.0002	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	butyraldehyde	123728
2120		43551	0.0014	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	[d] acetone [deleted/obsolete emittent id]	67641
2120		43552	0.0002	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	methyl ethyl ketone {2-butanone}	78933
2120		45113	0.0002	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,3-diethylbenzene (meta)	141935
2120		45114	0.0006	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,4-diethylbenzene (para)	105055
2120		45201	0.0209	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	benzene	71432
2120		45202	0.0487	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	toluene	108883
2120		45203	0.0089	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	ethyl benzene	100414
2120		45204	0.0105	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	o-xylene	95476
2120		45205	0.0302	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	m-xylene	108383
2120		45207	0.0033	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,3,5-trimethylbenzene	108678
2120		45208	0.0082	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,2,4-trimethylbenzene	95636
2120		45209	0.0019	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	n-propylbenzene	103651
2120		45220	0.001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	styrene	100425
2120		45222	0.0009	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,2,4-trimethylhexane	16747265
2120		45225	0.0014	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,2,3-trimethylbenzene	526738
2120		45237	0.0001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,3-dipropylbenzene	17171721
2120		45243	0.0001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1-methyl-2-n-butylbenzene	1595115
2120		45250	0.0004	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,4-dimethyl-2-ethylbenzene	1758889
2120		45251	0.0004	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,3-dimethyl-4-ethylbenzene	874419
2120		45252	0.0009	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,2-dimethyl-4-ethylbenzene	934805
2120		45254	0.0001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,2-dimethyl-3-ethylbenzene	933982
2120		45255	0.0001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	n-pentylbenzene	538681
2120		45256	0.0001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1-(1,1-dimethylethyl)-3,5-dimethylbenzene	98191
2120		45257	0.001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,3-dimethyl-5-ethylbenzene	934747
2120		45501	0.0014	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	benzaldehyde	100527
2120		45502	0.0018	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	m-tolualdehyde	620235
2120		90029	0.0001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	3-methyl-cis-2-hexene	10574364
2120		90040	0.0001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	3,3-dimethylpentane	562492
2120		90047	0.0007	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2-methylnonane	871830
2120		90062	0.0002	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,4-dimethyl-2-pentene	625650
2120		90080	0.0008	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	cis-1-methyl-3-ethylcyclopentane	2613663
2120		91006	0.0003	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2-methyl-trans-3-hexene	692240
2120		91018	0.0026	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	cis-1,3-dimethylcyclopentane	2532583
2120		91019	0.003	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	trans-1,3-dimethylcyclopentane	1759586
2120		91026	0.0001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	trans-2-heptene	14686136
2120		91028	0.0001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	cis-2-heptene	6443921
2120		91038	0.0007	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	cis-1,trans-2,3-trimethylcyclopentane	15890401
2120		91044	0.0012	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	trans-1-methyl-3-ethylcyclopentane	2613652
2120		91055	0.0003	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	cis-1,2-dimethylcyclohexane	2207014
2120		91069	0.0004	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	3,4-dimethylheptane	922281
2120		91096	0.0004	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1-methyl-2-isopropylbenzene	527844
2120		91103	0.0002	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,2,4,5-tetramethylbenzene	95932
2120		91104	0.0002	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,2,3,5-tetramethylbenzene	527537
2120		91106	0.0002	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	5-methylindan	874351
2120		91107	0.0001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	4-methylindan	824226
2120		91108	0.0002	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2-methylindan	824635
2120		91109	0.0002	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,2,3,4-tetramethylbenzene	488233
2120		92001	0.0001	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1-methyl-4-ethylcyclohexane	6236880
2120		98001	0.009	Cat	stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,3-dimethylbutane	79298

ORGP	PROF	SAROAD	ORGFRA	ORGP	PROFN	Chemical Name	CAS
2120	98004	0.0006	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2-methyl-2-pentene	625274		
2120	98006	0.0004	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	trans-3-heptene	14686147		
2120	98033	0.0036	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,2,5-trimethylhexane	3522949		
2120	98034	0.001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	trans-2-hexene	4050457		
2120	98035	0.0003	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	cis-2-hexene	7688213		
2120	98040	0.0006	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2-methyl-1-pentene	763291		
2120	98043	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	cumene	98828		
2120	98044	0.0007	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	indan	496117		
2120	98046	0.0004	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	naphthalene	91203		
2120	98056	0.0003	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	isovaleraldehyde	590863		
2120	98057	0.0016	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	ethylcyclopentane	1640897		
2120	98059	0.0004	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	trans-1,3-dimethylcyclohexane	2207036		
2120	98061	0.0008	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1,3,5-trimethylcyclohexane	1839630		
2120	98132	0.0585	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	isopentane	78784		
2120	98134	0.0006	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	vinylacetylene	689974		
2120	98135	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	4-methyl-1-pentene	691372		
2120	98136	0.0004	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	trans-3-hexene	13269528		
2120	98138	0.0008	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,2-dimethylhexane	590738		
2120	98139	0.0027	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,3-dimethylhexane	584941		
2120	98140	0.0038	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2-methylheptane	592278		
2120	98141	0.0002	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,3,5-trimethylhexane	1069530		
2120	98142	0.0008	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,4-dimethylheptane	2213232		
2120	98144	0.0016	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	3,5-dimethylheptane	926829		
2120	98146	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2-methyloctane	3221612		
2120	98149	0.0003	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,4-dimethyloctane	4032944		
2120	98152	0.0013	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1-methyl-3n-propylbenzene	1074437		
2120	98153	0.0002	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1-methyl-3-isopropylbenzene	535773		
2120	98156	0.0002	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	crotonaldehyde	4170303		
2120	98157	0.002	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,6-dimethylheptane	1072055		
2120	98172	0.0034	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	3-methyloctane	2216333		
2120	98173	0.0026	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	4-methyloctane	2216344		
2120	98174	0.0002	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,2,4-trimethylheptane	14720742		
2120	98175	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,2-dimethyloctane	15869871		
2120	98176	0.0003	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,5-dimethyloctane	15869893		
2120	98177	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,6-dimethyloctane	2051301		
2120	98178	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1-methyl-2n-propylbenzene	1074175		
2120	98180	0.0009	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	cis-1,3-dimethylcyclohexane	638040		
2120	98181	0.0004	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	trans-1,4-dimethylcyclohexane	2207047		
2120	98183	0.0001	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	2,3-dimethyloctane	7146603		
2120	98184	0.0003	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	3,3-dimethyloctane	4110445		
2120	99912	0.0067	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1-methyl-3-ethylbenzene	620144		
2120	99914	0.0028	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1-methyl-4-ethylbenzene	622968		
2120	99915	0.0023	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	1-methyl-2-ethylbenzene	611143		
2120	99999	0.0002	Cat stabilized exhaust 2020 SSD etoh 2% O (MTBE phaseout)	unidentified	999999		
716	43108	0.0201	Medium cure asphalt	isomers of nonane	0		
716	43109	0.0806	Medium cure asphalt	isomers of decane	0		
716	43233	0.0564	Medium cure asphalt	n-octane	111659		
716	43235	0.1047	Medium cure asphalt	n-nonane	111842		
716	43238	0.1249	Medium cure asphalt	n-decane	124185		
716	43241	0.0212	Medium cure asphalt	n-undecane	1120214		
716	43261	0.0212	Medium cure asphalt	methylcyclohexane	108872		
716	45102	0.0856	Medium cure asphalt	xylene (mixed)	1330207		
716	99999	0.1248	Medium cure asphalt	unidentified	999999		
716	99999	0.2055	Medium cure asphalt	unidentified	999999		
716	99999	0.0856	Medium cure asphalt	unidentified	999999		
717	43110	0.0101	Architectural surface coating-water based paint	isomers of undecane	0		
717	43238	0.002	Architectural surface coating-water based paint	n-decane	124185		
717	43241	0.001	Architectural surface coating-water based paint	n-undecane	1120214		
717	43305	0.202	Architectural surface coating-water based paint	n-butyl alcohol	71363		
717	43370	0.0051	Architectural surface coating-water based paint	ethylene glycol	107211		
717	43371	0.0141	Architectural surface coating-water based paint	hexylene glycol {2-methyl-2,4-pentanediol}	107415		
717	43391	0.001	Architectural surface coating-water based paint	2-butyltetrahydrofuran	0		
717	43801	0.0051	Architectural surface coating-water based paint	methyl chloride {chloromethane}	74873		
717	43802	0.0556	Architectural surface coating-water based paint	methylene chloride {dichloromethane}	75092		
717	43812	0.0061	Architectural surface coating-water based paint	ethyl chloride {chloroethane}	75003		
717	45201	0.003	Architectural surface coating-water based paint	benzene	71432		
717	98104	0.0222	Architectural surface coating-water based paint	1-chlorobutane	109693		

ORGPROF	SAROAD	ORGFRACTION	ORGPROFN	Chemical Name	CAS
717	98105	0.0061	Architectural surface coating-water based paint	3-(chloromethyl)-heptane	123046
717	98106	0.0525	Architectural surface coating-water based paint	ethyl isopropyl ether	625547
717	98107	0.002	Architectural surface coating-water based paint	dibutyl ether	142961
717	98109	0.0101	Architectural surface coating-water based paint	propylcyclohexanone	0
717	98110	0.0071	Architectural surface coating-water based paint	diethylene glycol monobutyl ether	112345
717	98111	0.0141	Architectural surface coating-water based paint	1-ethoxy-2-propanol	1569024
717	98112	0.0101	Architectural surface coating-water based paint	2-ethyl-1-hexanol	104767
717	98113	0.0071	Architectural surface coating-water based paint	1-heptanol	111706
717	98114	0.001	Architectural surface coating-water based paint	methyl isobutyrate	547637
717	98115	0.003	Architectural surface coating-water based paint	isoamyl isobutyrate	2050013
717	98116	0.2717	Architectural surface coating-water based paint	substituted c7 ester (c12)	0
717	98117	0.2879	Architectural surface coating-water based paint	substituted c9 ester (c12)	0

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## **Attachment F.3**

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### Construction Concentrations– Toxic Air Contaminants

- PM10 Specification Profiles

*Particulate Matter toxic air contaminant speciation profiles*

PMPROF	SAROAD	CFLT10	Profile Name	Chemical Name	CAS
420	99999		CONSTRUCTION DUST	unidentified	999999
420	12124	0.000008	CONSTRUCTION DUST	gallium	7440553
420	12126	0.059254	CONSTRUCTION DUST	iron	7439896
420	12116	0.005412	CONSTRUCTION DUST	elem carbon	7440440
420	12114	0.000138	CONSTRUCTION DUST	copper	7440508
420	12112	0.000262	CONSTRUCTION DUST	chromium	7440473
420	12501	0.003293	CONSTRUCTION DUST	carbonate ion	0
420	12113	0.000135	CONSTRUCTION DUST	cobalt	7440484
420	12115	0.00425	CONSTRUCTION DUST	chlorine	7782505
420	12185	0.000118	CONSTRUCTION DUST	zirconium	7440677
420	12167	0.000664	CONSTRUCTION DUST	zinc	7440666
420	12183	0.000033	CONSTRUCTION DUST	yttrium	7440655
420	12164	0.000331	CONSTRUCTION DUST	vanadium (fume or dust)	7440622
420	12000	0.420364	CONSTRUCTION DUST	unknown	0
420	12161	0.005747	CONSTRUCTION DUST	titanium	7440326
420	12168	0.000398	CONSTRUCTION DUST	strontium	7440246
420	12403	0.005895	CONSTRUCTION DUST	sulfates	14808798
420	12160	0.000041	CONSTRUCTION DUST	tin	7440315
420	12165	0.244	CONSTRUCTION DUST	silicon	7440213
420	12154	0.000003	CONSTRUCTION DUST	selenium	7782492
420	12102	0.000019	CONSTRUCTION DUST	antimony	7440360
420	12169	0.003715	CONSTRUCTION DUST	sulfur	7704349
420	12176	0.000163	CONSTRUCTION DUST	rubidium	7440177
420	12151	0.000009	CONSTRUCTION DUST	palladium	7440053
420	12128	0.000701	CONSTRUCTION DUST	lead	7439921
420	12152	0.001979	CONSTRUCTION DUST	phosphorus	7723140
420	11102	0.057162	CONSTRUCTION DUST	organic compound	0
420	12306	0.001104	CONSTRUCTION DUST	nitrates	14797558
420	12136	0.000076	CONSTRUCTION DUST	nickel	7440020
420	12301	0.000158	CONSTRUCTION DUST	ammonium	14798039
420	12184	0.003091	CONSTRUCTION DUST	sodium	7440235
420	12134	0.000008	CONSTRUCTION DUST	molybdenum	7439987
400	12109	0.0005	GASOLINE VEHICLES-CATALYST	bromine	7726956
400	12111	0.0055	GASOLINE VEHICLES-CATALYST	calcium	7440702
400	12112	0.0005	GASOLINE VEHICLES-CATALYST	chromium	7440473
400	12113	0.0005	GASOLINE VEHICLES-CATALYST	cobalt	7440484
400	12114	0.0005	GASOLINE VEHICLES-CATALYST	copper	7440508
400	12115	0.07	GASOLINE VEHICLES-CATALYST	chlorine	7782505
400	12116	0.2	GASOLINE VEHICLES-CATALYST	elem carbon	7440440
400	12126	0.0005	GASOLINE VEHICLES-CATALYST	iron	7439896
400	12132	0.0005	GASOLINE VEHICLES-CATALYST	manganese	7439965
400	12136	0.0005	GASOLINE VEHICLES-CATALYST	nickel	7440020
400	12167	0.0005	GASOLINE VEHICLES-CATALYST	zinc	7440666
400	12180	0.0055	GASOLINE VEHICLES-CATALYST	potassium	7440097
400	12306	0.0055	GASOLINE VEHICLES-CATALYST	nitrates	14797558
400	12403	0.45	GASOLINE VEHICLES-CATALYST	sulfates	14808798
400	12999	0.2595	GASOLINE VEHICLES-CATALYST	other	99999
420	12132	0.00115	CONSTRUCTION DUST	manganese	7439965
420	12146	0.000074	CONSTRUCTION DUST	lanthanum	7439910
420	12180	0.022941	CONSTRUCTION DUST	potassium	7440097
420	12131	0.000031	CONSTRUCTION DUST	indium	7440746
420	12142	0.00002	CONSTRUCTION DUST	mercury	7439976
420	12110	0.000039	CONSTRUCTION DUST	cadmium	7440439
420	12111	0.040304	CONSTRUCTION DUST	calcium	7440702

*Particulate Matter toxic air contaminant speciation profiles*

PMPROF	SAROAD	CFLT10	Profile Name	Chemical Name	CAS
420	12109	0.000035	CONSTRUCTION DUST	bromine	7726956
420	12107	0.000952	CONSTRUCTION DUST	barium	7440393
420	12103	0.000024	CONSTRUCTION DUST	arsenic	7440382
420	12101	0.094913	CONSTRUCTION DUST	aluminum	7429905
420	12166	0.00001	CONSTRUCTION DUST	silver	7440224
425	99999		DIESEL VEHICLE EXHAUST	unidentified	999999
425	12166	0.000028	DIESEL VEHICLE EXHAUST	silver	7440224
425	12111	0.000548	DIESEL VEHICLE EXHAUST	calcium	7440702
425	12128	0.000042	DIESEL VEHICLE EXHAUST	lead	7439921
425	12152	0.000127	DIESEL VEHICLE EXHAUST	phosphorus	7723140
425	11102	0.688796	DIESEL VEHICLE EXHAUST	organic compound	0
425	12306	0.000291	DIESEL VEHICLE EXHAUST	nitrates	14797558
425	12136	0.000019	DIESEL VEHICLE EXHAUST	nickel	7440020
425	12301	0.003369	DIESEL VEHICLE EXHAUST	ammonium	14798039
425	12184	0.000224	DIESEL VEHICLE EXHAUST	sodium	7440235
425	12146	0.000181	DIESEL VEHICLE EXHAUST	lanthanum	7439910
425	12180	0.000154	DIESEL VEHICLE EXHAUST	potassium	7440097
425	12131	0.000057	DIESEL VEHICLE EXHAUST	indium	7440746
425	12142	0.00003	DIESEL VEHICLE EXHAUST	mercury	7439976
425	12124	0.000008	DIESEL VEHICLE EXHAUST	gallium	7440553
425	12126	0.000525	DIESEL VEHICLE EXHAUST	iron	7439896
425	12116	0.261005	DIESEL VEHICLE EXHAUST	elem carbon	7440440
425	12114	0.000025	DIESEL VEHICLE EXHAUST	copper	7440508
425	12112	0.000012	DIESEL VEHICLE EXHAUST	chromium	7440473
425	12501	0.000119	DIESEL VEHICLE EXHAUST	carbonate ion	0
425	12113	0.000011	DIESEL VEHICLE EXHAUST	cobalt	7440484
425	12167	0.000438	DIESEL VEHICLE EXHAUST	zinc	7440666
425	12183	0.000012	DIESEL VEHICLE EXHAUST	yttrium	7440655
425	12164	0.000029	DIESEL VEHICLE EXHAUST	vanadium (fume or dust)	7440622
425	12000	0.015472	DIESEL VEHICLE EXHAUST	unknown	0
425	12161	0.000054	DIESEL VEHICLE EXHAUST	titanium	7440326
425	12168	0.000014	DIESEL VEHICLE EXHAUST	strontium	7440246
425	12403	0.017429	DIESEL VEHICLE EXHAUST	sulfates	14808798
425	12160	0.00008	DIESEL VEHICLE EXHAUST	tin	7440315
425	12185	0.000008	DIESEL VEHICLE EXHAUST	zirconium	7440677
425	12165	0.002488	DIESEL VEHICLE EXHAUST	silicon	7440213
425	12154	0.00001	DIESEL VEHICLE EXHAUST	selenium	7782492
425	12102	0.000036	DIESEL VEHICLE EXHAUST	antimony	7440360
425	12169	0.013269	DIESEL VEHICLE EXHAUST	sulfur	7704349
425	12176	0.000007	DIESEL VEHICLE EXHAUST	rubidium	7440177
425	12151	0.000016	DIESEL VEHICLE EXHAUST	palladium	7440053
425	12134	0.000006	DIESEL VEHICLE EXHAUST	molybdenum	7439987
425	12132	0.00004	DIESEL VEHICLE EXHAUST	manganese	7439965
425	12115	0.000344	DIESEL VEHICLE EXHAUST	chlorine	7782505
425	12110	0.00004	DIESEL VEHICLE EXHAUST	cadmium	7440439
425	12101	0.000176	DIESEL VEHICLE EXHAUST	aluminum	7429905
425	12109	0.000018	DIESEL VEHICLE EXHAUST	bromine	7726956
425	12107	0.000251	DIESEL VEHICLE EXHAUST	barium	7440393
425	12103	0.000005	DIESEL VEHICLE EXHAUST	arsenic	7440382
470	12101	0.099408	UNPAVED ROAD DUST (1997 AND AFTER)	aluminum	7429905
470	12301	0.001033	UNPAVED ROAD DUST (1997 AND AFTER)	ammonium	14798039
470	12102	0.000081	UNPAVED ROAD DUST (1997 AND AFTER)	antimony	7440360
470	12103	0.000015	UNPAVED ROAD DUST (1997 AND AFTER)	arsenic	7440382
470	12107	0.000697	UNPAVED ROAD DUST (1997 AND AFTER)	barium	7440393

*Particulate Matter toxic air contaminant speciation profiles*

PMPROF	SAROAD	CFLT10	Profile Name	Chemical Name	CAS
470	12109	0.000018	UNPAVED ROAD DUST (1997 AND AFTER)	bromine	7726956
470	12110	0.000013	UNPAVED ROAD DUST (1997 AND AFTER)	cadmium	7440439
470	12111	0.05633	UNPAVED ROAD DUST (1997 AND AFTER)	calcium	7440702
470	12116	0.001164	UNPAVED ROAD DUST (1997 AND AFTER)	elem carbon	7440440
470	11102	0.033684	UNPAVED ROAD DUST (1997 AND AFTER)	organic compound	0
470	12115	0.000844	UNPAVED ROAD DUST (1997 AND AFTER)	chlorine	7782505
470	12112	0.000017	UNPAVED ROAD DUST (1997 AND AFTER)	chromium	7440473
470	12113	0.000005	UNPAVED ROAD DUST (1997 AND AFTER)	cobalt	7440484
470	12114	0.000158	UNPAVED ROAD DUST (1997 AND AFTER)	copper	7440508
470	12124	0.000005	UNPAVED ROAD DUST (1997 AND AFTER)	gallium	7440553
470	12143	0.000011	UNPAVED ROAD DUST (1997 AND AFTER)	gold	7440575
470	12131	0	UNPAVED ROAD DUST (1997 AND AFTER)	indium	7440746
470	12126	0.052316	UNPAVED ROAD DUST (1997 AND AFTER)	iron	7439896
470	12146	0.000812	UNPAVED ROAD DUST (1997 AND AFTER)	lanthanum	7439910
470	12128	0.00013	UNPAVED ROAD DUST (1997 AND AFTER)	lead	7439921
470	12140	0.007556	UNPAVED ROAD DUST (1997 AND AFTER)	magnesium	7439954
470	12132	0.000915	UNPAVED ROAD DUST (1997 AND AFTER)	manganese	7439965
470	12142	0.000014	UNPAVED ROAD DUST (1997 AND AFTER)	mercury	7439976
470	12134	0.00001	UNPAVED ROAD DUST (1997 AND AFTER)	molybdenum	7439987
470	12136	0.000037	UNPAVED ROAD DUST (1997 AND AFTER)	nickel	7440020
470	12306	0.00752	UNPAVED ROAD DUST (1997 AND AFTER)	nitrates	14797558
470	12151	0.000007	UNPAVED ROAD DUST (1997 AND AFTER)	palladium	7440053
470	12152	0.001096	UNPAVED ROAD DUST (1997 AND AFTER)	phosphorus	7723140
470	12180	0.027222	UNPAVED ROAD DUST (1997 AND AFTER)	potassium	7440097
470	12176	0.000141	UNPAVED ROAD DUST (1997 AND AFTER)	rubidium	7440177
470	12154	0.000003	UNPAVED ROAD DUST (1997 AND AFTER)	selenium	7782492
470	12165	0.324839	UNPAVED ROAD DUST (1997 AND AFTER)	silicon	7440213
470	12166	0	UNPAVED ROAD DUST (1997 AND AFTER)	silver	7440224
470	12184	0.002687	UNPAVED ROAD DUST (1997 AND AFTER)	sodium	7440235
470	12168	0.000423	UNPAVED ROAD DUST (1997 AND AFTER)	strontium	7440246
470	12169	0.002928	UNPAVED ROAD DUST (1997 AND AFTER)	sulfur	7704349
470	12173	0.00004	UNPAVED ROAD DUST (1997 AND AFTER)	thallium	7440280
470	12160	0.000076	UNPAVED ROAD DUST (1997 AND AFTER)	tin	7440315
470	12161	0.004289	UNPAVED ROAD DUST (1997 AND AFTER)	titanium	7440326
470	12179	0.000022	UNPAVED ROAD DUST (1997 AND AFTER)	uranium	7440611
470	12164	0.000077	UNPAVED ROAD DUST (1997 AND AFTER)	vanadium (fume or dust)	7440622
470	12183	0.000031	UNPAVED ROAD DUST (1997 AND AFTER)	yttrium	7440655
470	12167	0.000374	UNPAVED ROAD DUST (1997 AND AFTER)	zinc	7440666
470	12185	0.000117	UNPAVED ROAD DUST (1997 AND AFTER)	zirconium	7440677
470	12000	0.368603	UNPAVED ROAD DUST (1997 AND AFTER)	unknown	0
470	12403	0.005685	UNPAVED ROAD DUST (1997 AND AFTER)	sulfates	14808798
470	12203	0.00118	UNPAVED ROAD DUST (1997 AND AFTER)	chloride ion	16887006
471	12101	0.106709	PAVED ROAD DUST (1997 AND AFTER)	aluminum	7429905
471	12301	0.002886	PAVED ROAD DUST (1997 AND AFTER)	ammonium	14798039
471	12102	0.000068	PAVED ROAD DUST (1997 AND AFTER)	antimony	7440360
471	12103	0.000013	PAVED ROAD DUST (1997 AND AFTER)	arsenic	7440382
471	12107	0.00104	PAVED ROAD DUST (1997 AND AFTER)	barium	7440393
471	12109	0.000012	PAVED ROAD DUST (1997 AND AFTER)	bromine	7726956
471	12110	0.000003	PAVED ROAD DUST (1997 AND AFTER)	cadmium	7440439
471	12111	0.03268	PAVED ROAD DUST (1997 AND AFTER)	calcium	7440702
471	12116	0.007718	PAVED ROAD DUST (1997 AND AFTER)	elem carbon	7440440
471	11102	0.059742	PAVED ROAD DUST (1997 AND AFTER)	organic compound	0
471	12115	0.000533	PAVED ROAD DUST (1997 AND AFTER)	chlorine	7782505
471	12112	0.000017	PAVED ROAD DUST (1997 AND AFTER)	chromium	7440473

*Particulate Matter toxic air contaminant speciation profiles*

PMPROF	SAROAD	CFLT10	Profile Name	Chemical Name	CAS
471	12113	0.000023	PAVED ROAD DUST (1997 AND AFTER)	cobalt	7440484
471	12114	0.000148	PAVED ROAD DUST (1997 AND AFTER)	copper	7440508
471	12124	0.000017	PAVED ROAD DUST (1997 AND AFTER)	gallium	7440553
471	12143	0.000007	PAVED ROAD DUST (1997 AND AFTER)	gold	7440575
471	12131	0.000006	PAVED ROAD DUST (1997 AND AFTER)	indium	7440746
471	12126	0.05435	PAVED ROAD DUST (1997 AND AFTER)	iron	7439896
471	12146	0.000111	PAVED ROAD DUST (1997 AND AFTER)	lanthanum	7439910
471	12128	0.000124	PAVED ROAD DUST (1997 AND AFTER)	lead	7439921
471	12140	0.007392	PAVED ROAD DUST (1997 AND AFTER)	magnesium	7439954
471	12132	0.0008	PAVED ROAD DUST (1997 AND AFTER)	manganese	7439965
471	12142	0.000009	PAVED ROAD DUST (1997 AND AFTER)	mercury	7439976
471	12134	0.000005	PAVED ROAD DUST (1997 AND AFTER)	molybdenum	7439987
471	12136	0.000012	PAVED ROAD DUST (1997 AND AFTER)	nickel	7440020
471	12306	0.00058	PAVED ROAD DUST (1997 AND AFTER)	nitrates	14797558
471	12151	0.000005	PAVED ROAD DUST (1997 AND AFTER)	palladium	7440053
471	12152	0.002723	PAVED ROAD DUST (1997 AND AFTER)	phosphorus	7723140
471	12180	0.028459	PAVED ROAD DUST (1997 AND AFTER)	potassium	7440097
471	12176	0.000149	PAVED ROAD DUST (1997 AND AFTER)	rubidium	7440177
471	12154	0.000002	PAVED ROAD DUST (1997 AND AFTER)	selenium	7782492
471	12165	0.303673	PAVED ROAD DUST (1997 AND AFTER)	silicon	7440213
471	12166	0	PAVED ROAD DUST (1997 AND AFTER)	silver	7440224
471	12184	0.001985	PAVED ROAD DUST (1997 AND AFTER)	sodium	7440235
471	12168	0.00034	PAVED ROAD DUST (1997 AND AFTER)	strontium	7440246
471	12169	0.003131	PAVED ROAD DUST (1997 AND AFTER)	sulfur	7704349
471	12173	0.000004	PAVED ROAD DUST (1997 AND AFTER)	thallium	7440280
471	12160	0.000053	PAVED ROAD DUST (1997 AND AFTER)	tin	7440315
471	12161	0.004866	PAVED ROAD DUST (1997 AND AFTER)	titanium	7440326
471	12179	0.000009	PAVED ROAD DUST (1997 AND AFTER)	uranium	7440611
471	12164	0.000071	PAVED ROAD DUST (1997 AND AFTER)	vanadium (fume or dust)	7440622
471	12183	0.000028	PAVED ROAD DUST (1997 AND AFTER)	yttrium	7440655
471	12167	0.000991	PAVED ROAD DUST (1997 AND AFTER)	zinc	7440666
471	12185	0.000128	PAVED ROAD DUST (1997 AND AFTER)	zirconium	7440677
471	12000	0.375801	PAVED ROAD DUST (1997 AND AFTER)	unknown	0
471	12403	0.002692	PAVED ROAD DUST (1997 AND AFTER)	sulfates	14808798
471	12203	0.001051	PAVED ROAD DUST (1997 AND AFTER)	chloride ion	16887006
473	12128	0.00005	BRAKE WEAR	lead	7439921
473	12176	0.00005	BRAKE WEAR	rubidium	7440177
473	12109	0.00004	BRAKE WEAR	bromine	7726956
473	12301	0.00003	BRAKE WEAR	ammonium	14798039
473	12154	0.00002	BRAKE WEAR	selenium	7782492
472	11102	0.4715	TIRE WEAR	organic compound	0
472	12000	0.260568	TIRE WEAR	unknown	0
472	12116	0.22	TIRE WEAR	elem carbon	7440440
472	12169	0.01989	TIRE WEAR	sulfur	7704349
472	12115	0.0078	TIRE WEAR	chlorine	7782505
472	12167	0.005305	TIRE WEAR	zinc	7440666
472	12126	0.0046	TIRE WEAR	iron	7439896
472	12152	0.00125	TIRE WEAR	phosphorus	7723140
472	12403	0.0025	TIRE WEAR	sulfates	14808798
472	12306	0.0015	TIRE WEAR	nitrates	14797558
472	12165	0.00115	TIRE WEAR	silicon	7440213
472	12111	0.00112	TIRE WEAR	calcium	7440702
472	12184	0.00061	TIRE WEAR	sodium	7440235
472	12101	0.000605	TIRE WEAR	aluminum	7429905

*Particulate Matter toxic air contaminant speciation profiles*

PMPROF	SAROAD	CFLT10	Profile Name	Chemical Name	CAS
472	12114	0.00049	TIRE WEAR	copper	7440508
472	12180	0.00038	TIRE WEAR	potassium	7440097
472	12140	0.000375	TIRE WEAR	magnesium	7439954
472	12161	0.00036	TIRE WEAR	titanium	7440326
472	12107	0.000195	TIRE WEAR	barium	7440393
472	12301	0.00019	TIRE WEAR	ammonium	14798039
472	12128	0.00016	TIRE WEAR	lead	7439921
472	12132	0.0001	TIRE WEAR	manganese	7439965
472	12168	0.00007	TIRE WEAR	strontium	7440246
472	12136	0.00005	TIRE WEAR	nickel	7440020
472	12112	0.00003	TIRE WEAR	chromium	7440473
472	12154	0.00002	TIRE WEAR	selenium	7782492
472	12109	0.000015	TIRE WEAR	bromine	7726956
473	12000	0.303948	BRAKE WEAR	unknown	0
473	12126	0.287	BRAKE WEAR	iron	7439896
473	11102	0.107	BRAKE WEAR	organic compound	0
473	12140	0.083	BRAKE WEAR	magnesium	7439954
473	12165	0.0679	BRAKE WEAR	silicon	7440213
473	12107	0.05445	BRAKE WEAR	barium	7440393
473	12116	0.0261	BRAKE WEAR	elem carbon	7440440
473	12169	0.0128	BRAKE WEAR	sulfur	7704349
473	12114	0.011485	BRAKE WEAR	copper	7440508
473	12160	0.0066	BRAKE WEAR	tin	7440315
473	12134	0.0037	BRAKE WEAR	molybdenum	7439987
473	12161	0.0036	BRAKE WEAR	titanium	7440326
473	12132	0.0017	BRAKE WEAR	manganese	7439965
473	12306	0.0016	BRAKE WEAR	nitrites	14797558
473	12115	0.0015	BRAKE WEAR	chlorine	7782505
473	12112	0.0012	BRAKE WEAR	chromium	7440473
473	12111	0.0011	BRAKE WEAR	calcium	7440702
473	12168	0.00074	BRAKE WEAR	strontium	7440246
473	12136	0.00066	BRAKE WEAR	nickel	7440020
473	12164	0.00066	BRAKE WEAR	vanadium (fume or dust)	7440622
473	12101	0.00033	BRAKE WEAR	aluminum	7429905
473	12167	0.00027	BRAKE WEAR	zinc	7440666
473	12180	0.00019	BRAKE WEAR	potassium	7440097
473	12103	0.00001	BRAKE WEAR	arsenic	7440382
473	12403	0.0334	BRAKE WEAR	sulfates	14808798
473	12203	0.0015	BRAKE WEAR	chloride ion	16887006
420	12182	0.021137	CONSTRUCTION DUST	insol potassium	0
420	12404	0.00175	CONSTRUCTION DUST	nonsulfate sulfur	0
420	65312	0.001804	CONSTRUCTION DUST	potassium ion	0
470	12153	0.000157	UNPAVED ROAD DUST (1997 AND AFTER)	phosphate	14265442
470	12156	0.001045	UNPAVED ROAD DUST (1997 AND AFTER)	non-phosphate phosphorous	0
470	12182	0.025934	UNPAVED ROAD DUST (1997 AND AFTER)	insol potassium	0
470	12404	0.001033	UNPAVED ROAD DUST (1997 AND AFTER)	nonsulfate sulfur	0
470	65312	0.001288	UNPAVED ROAD DUST (1997 AND AFTER)	potassium ion	0
471	12153	0.000392	PAVED ROAD DUST (1997 AND AFTER)	phosphate	14265442
471	12155	0.002595	PAVED ROAD DUST (1997 AND AFTER)	praseodymium	7440100
471	12182	0.02694	PAVED ROAD DUST (1997 AND AFTER)	insol potassium	0
471	12404	0.002234	PAVED ROAD DUST (1997 AND AFTER)	nonsulfate sulfur	0
471	65312	0.001519	PAVED ROAD DUST (1997 AND AFTER)	potassium ion	0
472	12404	0.019057	TIRE WEAR	nonsulfate sulfur	0
473	12404	0.001667	BRAKE WEAR	nonsulfate sulfur	0

*Particulate Matter toxic air contaminant speciation profiles*

PMPROF	SAROAD	CFLT10	Profile Name	Chemical Name	CAS
425	12404	0.007459	DIESEL VEHICLE EXHAUST	nonsulfate sulfur	0
425	65312	0.000151	DIESEL VEHICLE EXHAUST	potassium ion	0
3431	12101	0.0241	CONCRETE BATCH DUST	aluminum	7429905
3431	12111	0.4353	CONCRETE BATCH DUST	calcium	7440702
3431	12112	0.0001	CONCRETE BATCH DUST	chromium	7440473
3431	12115	0.0002	CONCRETE BATCH DUST	chlorine	7782505
3431	12132	0.0012	CONCRETE BATCH DUST	manganese	7439965
3431	12140	0.016	CONCRETE BATCH DUST	magnesium	7439954
3431	12152	0.0008	CONCRETE BATCH DUST	phosphorus	7723140
3431	12161	0.0014	CONCRETE BATCH DUST	titanium	7440326
3431	12165	0.0983	CONCRETE BATCH DUST	silicon	7440213
3431	12168	0.0007	CONCRETE BATCH DUST	strontium	7440246
3431	12180	0.0086	CONCRETE BATCH DUST	potassium	7440097
3431	12403	0.0421	CONCRETE BATCH DUST	sulfates	14808798
3431	42222	0.001	CONCRETE BATCH DUST	fluorine	7782414
3431	12126	0.0265	CONCRETE BATCH DUST	iron	7439896
3431	12167	0.0001	CONCRETE BATCH DUST	zinc	7440666
3431	12184	0.0012	CONCRETE BATCH DUST	sodium	7440235
3431	12999	0.3424	CONCRETE BATCH DUST	other	99999

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## **Attachment F.3**

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### Construction Concentrations– Toxic Air Contaminants

- ROG Inputs – 1 Hour and 8 Hour

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
369131.40	3758945.42	3.12E+00	369131.40	3758945.42	9.81E+00	369131.40	3758945.42	3.72E+00	369131.40	3758945.42	1.99E-01	369131.40	3758945.42	1.99E-01	369131.40	3758945.42	5.06E+00
370190.78	3758848.26	2.58E+00	370190.78	3758848.26	8.03E+00	370190.78	3758848.26	3.02E+00	370190.78	3758848.26	2.01E-01	370190.78	3758848.26	2.01E-01	370190.78	3758848.26	2.72E+00
370747.03	3763937.58	5.26E-01	370747.03	3763937.58	1.64E+00	370747.03	3763937.58	6.05E-01	370747.03	3763937.58	3.40E-02	370747.03	3763937.58	3.40E-02	370747.03	3763937.58	2.65E-01
370757.72	3755124.52	3.45E+00	370757.72	3755124.52	1.08E+01	370757.72	3755124.52	4.08E+00	370757.72	3755124.52	2.19E-01	370757.72	3755124.52	2.19E-01	370757.72	3755124.52	5.19E+00
370946.70	3758260.69	3.09E+00	370946.70	3758260.69	9.46E+00	370946.70	3758260.69	3.52E+00	370946.70	3758260.69	2.91E-01	370946.70	3758260.69	2.91E-01	370946.70	3758260.69	3.15E+00
371368.79	3754218.82	1.83E+00	371368.79	3754218.82	5.55E+00	371368.79	3754218.82	2.04E+00	371368.79	3754218.82	1.13E-01	371368.79	3754218.82	1.13E-01	371368.79	3754218.82	1.74E+00
371786.04	3754168.42	1.65E+00	371786.04	3754168.42	5.01E+00	371786.04	3754168.42	1.86E+00	371786.04	3754168.42	1.02E-01	371786.04	3754168.42	1.02E-01	371786.04	3754168.42	1.75E+00
373756.25	3761779.11	1.00E+00	373756.25	3761779.11	3.30E+00	373756.25	3761779.11	1.23E+00	373756.25	3761779.11	7.02E-02	373756.25	3761779.11	7.02E-02	373756.25	3761779.11	2.02E+00
367734.03	3758536.57	3.07E+00	367734.03	3758536.57	9.98E+00	367734.03	3758536.57	3.70E+00	367734.03	3758536.57	2.12E-01	367734.03	3758536.57	2.12E-01	367734.03	3758536.57	3.20E+00
368069.11	3760165.13	1.27E+00	368069.11	3760165.13	3.85E+00	368069.11	3760165.13	1.42E+00	368069.11	3760165.13	7.80E-02	368069.11	3760165.13	7.80E-02	368069.11	3760165.13	5.52E-01
369125.38	3763066.25	8.17E-01	369125.38	3763066.25	2.47E+00	369125.38	3763066.25	9.10E-01	369125.38	3763066.25	5.00E-02	369125.38	3763066.25	5.00E-02	369125.38	3763066.25	3.45E-01
369225.45	3764227.42	6.36E-01	369225.45	3764227.42	1.92E+00	369225.45	3764227.42	7.04E-01	369225.45	3764227.42	3.89E-02	369225.45	3764227.42	3.89E-02	369225.45	3764227.42	2.08E-01
370236.75	3761140.30	8.97E-01	370236.75	3761140.30	2.82E+00	370236.75	3761140.30	1.05E+00	370236.75	3761140.30	5.93E-02	370236.75	3761140.30	5.93E-02	370236.75	3761140.30	4.68E-01
372218.41	3759157.53	1.76E+00	372218.41	3759157.53	5.32E+00	372218.41	3759157.53	1.96E+00	372218.41	3759157.53	1.08E-01	372218.41	3759157.53	1.08E-01	372218.41	3759157.53	1.24E+00
372267.44	3762986.25	7.10E-01	372267.44	3762986.25	2.41E+00	372267.44	3762986.25	8.93E-01	372267.44	3762986.25	5.40E-02	372267.44	3762986.25	5.40E-02	372267.44	3762986.25	1.47E+00
374498.14	3758643.27	1.16E+00	374498.14	3758643.27	3.51E+00	374498.14	3758643.27	1.29E+00	374498.14	3758643.27	1.74E-01	374498.14	3758643.27	1.74E-01	374498.14	3758643.27	1.71E+00
375472.61	3759680.03	1.16E+00	375472.61	3759680.03	3.83E+00	375472.61	3759680.03	1.43E+00	375472.61	3759680.03	1.24E-01	375472.61	3759680.03	1.24E-01	375472.61	3759680.03	1.69E+00
375514.38	3757500.61	1.34E+00	375514.38	3757500.61	4.59E+00	375514.38	3757500.61	1.71E+00	375514.38	3757500.61	1.77E-01	375514.38	3757500.61	1.77E-01	375514.38	3757500.61	1.06E+00
377395.41	3759189.37	1.05E+00	377395.41	3759189.37	3.65E+00	377395.41	3759189.37	1.37E+00	377395.41	3759189.37	9.00E-02	377395.41	3759189.37	9.00E-02	377395.41	3759189.37	1.31E+00
366363.62	3757753.10	1.56E+00	366363.62	3757753.10	4.71E+00	366363.62	3757753.10	1.74E+00	366363.62	3757753.10	9.72E-02	366363.62	3757753.10	9.72E-02	366363.62	3757753.10	1.12E+00
369385.71	3758351.85	4.12E+00	369385.71	3758351.85	1.28E+01	369385.71	3758351.85	4.86E+00	369385.71	3758351.85	2.56E-01	369385.71	3758351.85	2.56E-01	369385.71	3758351.85	3.22E+00
369388.19	3758584.61	3.55E+00	369388.19	3758584.61	1.11E+01	369388.19	3758584.61	4.18E+00	369388.19	3758584.61	2.25E-01	369388.19	3758584.61	2.25E-01	369388.19	3758584.61	5.29E+00
371727.30	3758286.14	3.03E+00	371727.30	3758286.14	9.22E+00	371727.30	3758286.14	3.40E+00	371727.30	3758286.14	2.38E-01	371727.30	3758286.14	2.38E-01	371727.30	3758286.14	2.42E+00
371973.18	3757657.97	3.89E+01	371973.18	3757657.97	1.58E+01	371973.18	3757657.97	6.65E+00	371973.18	3757657.97	1.18E+00	371973.18	3757657.97	1.18E+00	371973.18	3757657.97	1.01E+01
372028.99	3757658.28	6.70E+01	372028.99	3757658.28	1.44E+01	372028.99	3757658.28	6.16E+00	372028.99	3757658.28	1.13E+00	372028.99	3757658.28	1.13E+00	372028.99	3757658.28	1.05E+01
372057.72	3757303.44	8.00E+00	372057.72	3757303.44	1.28E+01	372057.72	3757303.44	4.99E+00	372057.72	3757303.44	5.67E-01	372057.72	3757303.44	5.67E-01	372057.72	3757303.44	1.25E+01
372058.94	3757365.68	1.05E+01	372058.94	3757365.68	1.42E+01	372058.94	3757365.68	5.81E+00	372058.94	3757365.68	6.24E-01	372058.94	3757365.68	6.24E-01	372058.94	3757365.68	2.13E+01
372114.76	3757419.38	8.71E+00	372114.76	3757419.38	1.94E+01	372114.76	3757419.38	8.56E+00	372114.76	3757419.38	8.90E-01	372114.76	3757419.38	8.90E-01	372114.76	3757419.38	4.28E+01
372149.51	3757302.81	3.64E+00	372149.51	3757302.81	1.30E+01	372149.51	3757302.81	5.11E+00	372149.51	3757302.81	6.93E-01	372149.51	3757302.81	6.93E-01	372149.51	3757302.81	1.33E+01
366675.72	3757743.67	1.78E+00	366675.72	3757743.67	5.38E+00	366675.72	3757743.67	1.99E+00	366675.72	3757743.67	1.09E-01	366675.72	3757743.67	1.09E-01	366675.72	3757743.67	1.31E+00
367105.41	3757963.83	1.90E+00	367105.41	3757963.83	5.75E+00	367105.41	3757963.83	2.13E+00	367105.41	3757963.83	1.19E-01	367105.41	3757963.83	1.19E-01	367105.41	3757963.83	2.56E+00
367221.30	3757911.68	2.00E+00	367221.30	3757911.68	6.05E+00	367221.30	3757911.68	2.24E+00	367221.30	3757911.68	1.22E-01	367221.30	3757911.68	1.22E-01	367221.30	3757911.68	1.50E+00
367346.43	3757955.57	2.05E+00	367346.43	3757955.57	6.19E+00	367346.43	3757955.57	2.29E+00	367346.43	3757955.57	1.25E-01	367346.43	3757955.57	1.25E-01	367346.43	3757955.57	1.58E+00
367457.41	3758010.28	2.01E+00	367457.41	3758010.28	6.09E+00	367457.41	3758010.28	2.25E+00	367457.41	3758010.28	1.23E-01	367457.41	3758010.28	1.23E-01	367457.41	3758010.28	1.68E+00
367730.93	3758222.91	3.42E+00	367730.93	3758222.91	1.07E+01	367730.93	3758222.91	4.04E+00	367730.93	3758222.91	2.19E-01	367730.93	3758222.91	2.19E-01	367730.93	3758222.91	1.88E+00
367995.30	3758074.68	4.31E+00	367995.30	3758074.68	1.36E+01	367995.30	3758074.68	5.12E+00	367995.30	3758074.68	2.78E-01	367995.30	3758074.68	2.78E-01	367995.30	3758074.68	3.44E+00
369154.15	3758166.98	3.96E+00	369154.15	3758166.98	1.25E+01	369154.15	3758166.98	4.73E+00	369154.15	3758166.98	2.55E-01	369154.15	3758166.98	2.55E-01	369154.15	3758166.98	4.04E+00
369214.54	3758209.64	3.38E+00	369214.54	3758209.64	1.05E+01	369214.54	3758209.64	3.95E+00	369214.54	3758209.64	2.11E-01	369214.54	3758209.64	2.11E-01	369214.54	3758209.64	3.27E+00
369279.67	3758015.34	4.37E+00	369279.67	3758015.34	1.39E+01	369279.67	3758015.34	5.27E+00	369279.67	3758015.34	2.84E-01	369279.67	3758015.34	2.84E-01	369279.67	3758015.34	3.92E+00
369788.09	3758340.35	3.76E+00	369788.09	3758340.35	1.15E+01	369788.09	3758340.35	4.35E+00	369788.09	3758340.35	2.33E-01	369788.09	3758340.35	2.33E-01	369788.09	3758340.35	4.79E+00
369790.55	3758580.31	3.36E+00	369790.55	3758580.31	1.03E+01	369790.55	3758580.31	3.89E+00	369790.55	3758580.31	2.07E-01	369790.55	3758580.31	2.07E-01	369790.55	3758580.31	4.49E+00
371537.21	3756959.02	6.03E+00	371537.21	3756959.02	1.91E+01	371537.21	3756959.02	7.06E+00	371537.21	3756959.02	4.89E-01	371537.21	3756959.02	4.89E-01	371537.21	3756959.02	7.59E+00
371736.26	3757371.88	8.99E+00	371736.26	3757371.88	3.22E+01	371736.26	3757371.88	1.42E+01	371736.26	3757371.88	2.35E+00	371736.26	3757371.88	2.35E+00	371736.26	3757371.88	1.19E+01

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
371795.72	3757393.54	1.02E+01	371795.72	3757393.54	1.91E+01	371795.72	3757393.54	7.64E+00	371795.72	3757393.54	1.44E+00	371795.72	3757393.54	1.44E+00	371795.72	3757393.54	1.68E+01
371925.67	3757658.96	2.84E+01	371925.67	3757658.96	1.76E+01	371925.67	3757658.96	7.48E+00	371925.67	3757658.96	1.26E+00	371925.67	3757658.96	1.26E+00	371925.67	3757658.96	1.35E+01
367720.95	3757929.47	2.23E+00	367720.95	3757929.47	6.73E+00	367720.95	3757929.47	2.49E+00	367720.95	3757929.47	1.36E-01	367720.95	3757929.47	1.36E-01	367720.95	3757929.47	1.83E+00
366410.42	3757645.39	1.56E+00	366410.42	3757645.39	4.70E+00	366410.42	3757645.39	1.74E+00	366410.42	3757645.39	1.02E-01	366410.42	3757645.39	1.02E-01	366410.42	3757645.39	1.22E+00
366412.06	3757743.84	1.59E+00	366412.06	3757743.84	4.79E+00	366412.06	3757743.84	1.77E+00	366412.06	3757743.84	9.86E-02	366412.06	3757743.84	9.86E-02	366412.06	3757743.84	1.14E+00
366449.10	3757556.84	1.59E+00	366449.10	3757556.84	4.81E+00	366449.10	3757556.84	1.78E+00	366449.10	3757556.84	1.05E-01	366449.10	3757556.84	1.05E-01	366449.10	3757556.84	1.25E+00
366471.13	3757711.22	1.62E+00	366471.13	3757711.22	4.88E+00	366471.13	3757711.22	1.81E+00	366471.13	3757711.22	1.00E-01	366471.13	3757711.22	1.00E-01	366471.13	3757711.22	1.18E+00
366487.79	3757468.29	1.65E+00	366487.79	3757468.29	4.98E+00	366487.79	3757468.29	1.84E+00	366487.79	3757468.29	1.08E-01	366487.79	3757468.29	1.08E-01	366487.79	3757468.29	1.26E+00
366526.47	3757379.74	1.65E+00	366526.47	3757379.74	5.00E+00	366526.47	3757379.74	1.85E+00	366526.47	3757379.74	1.10E-01	366526.47	3757379.74	1.10E-01	366526.47	3757379.74	1.27E+00
366543.32	3757684.41	1.66E+00	366543.32	3757684.41	5.03E+00	366543.32	3757684.41	1.86E+00	366543.32	3757684.41	1.04E-01	366543.32	3757684.41	1.04E-01	366543.32	3757684.41	1.22E+00
366565.16	3757291.19	1.71E+00	366565.16	3757291.19	5.16E+00	366565.16	3757291.19	1.91E+00	366565.16	3757291.19	1.14E-01	366565.16	3757291.19	1.14E-01	366565.16	3757291.19	1.22E+00
366572.51	3757755.35	1.78E+00	366572.51	3757755.35	5.41E+00	366572.51	3757755.35	2.03E+00	366572.51	3757755.35	1.20E-01	366572.51	3757755.35	1.20E-01	366572.51	3757755.35	2.71E+00
366603.85	3757202.64	1.73E+00	366603.85	3757202.64	5.23E+00	366603.85	3757202.64	1.93E+00	366603.85	3757202.64	1.21E-01	366603.85	3757202.64	1.21E-01	366603.85	3757202.64	1.12E+00
366629.35	3757738.18	2.21E+00	366629.35	3757738.18	6.72E+00	366629.35	3757738.18	2.50E+00	366629.35	3757738.18	1.36E-01	366629.35	3757738.18	1.36E-01	366629.35	3757738.18	2.99E+00
366642.53	3757114.09	1.69E+00	366642.53	3757114.09	5.11E+00	366642.53	3757114.09	1.89E+00	366642.53	3757114.09	1.28E-01	366642.53	3757114.09	1.28E-01	366642.53	3757114.09	9.96E-01
366681.22	3757025.54	1.72E+00	366681.22	3757025.54	5.21E+00	366681.22	3757025.54	1.93E+00	366681.22	3757025.54	1.33E-01	366681.22	3757025.54	1.33E-01	366681.22	3757025.54	9.47E-01
366700.77	3757739.37	1.80E+00	366700.77	3757739.37	5.44E+00	366700.77	3757739.37	2.01E+00	366700.77	3757739.37	1.10E-01	366700.77	3757739.37	1.10E-01	366700.77	3757739.37	1.19E+00
366719.91	3756936.99	1.87E+00	366719.91	3756936.99	5.64E+00	366719.91	3756936.99	2.09E+00	366719.91	3756936.99	1.35E-01	366719.91	3756936.99	1.35E-01	366719.91	3756936.99	1.07E+00
366758.59	3756848.44	1.97E+00	366758.59	3756848.44	5.95E+00	366758.59	3756848.44	2.20E+00	366758.59	3756848.44	1.34E-01	366758.59	3756848.44	1.34E-01	366758.59	3756848.44	1.18E+00
366780.64	3757782.90	1.85E+00	366780.64	3757782.90	5.61E+00	366780.64	3757782.90	2.08E+00	366780.64	3757782.90	1.13E-01	366780.64	3757782.90	1.13E-01	366780.64	3757782.90	1.18E+00
366797.28	3756759.89	1.97E+00	366797.28	3756759.89	5.97E+00	366797.28	3756759.89	2.21E+00	366797.28	3756759.89	1.28E-01	366797.28	3756759.89	1.28E-01	366797.28	3756759.89	1.25E+00
366835.96	3756671.34	1.90E+00	366835.96	3756671.34	5.75E+00	366835.96	3756671.34	2.13E+00	366835.96	3756671.34	1.18E-01	366835.96	3756671.34	1.18E-01	366835.96	3756671.34	1.27E+00
366869.69	3757831.79	1.87E+00	366869.69	3757831.79	5.65E+00	366869.69	3757831.79	2.09E+00	366869.69	3757831.79	1.14E-01	366869.69	3757831.79	1.14E-01	366869.69	3757831.79	1.19E+00
366874.65	3756582.79	1.84E+00	366874.65	3756582.79	5.57E+00	366874.65	3756582.79	2.06E+00	366874.65	3756582.79	1.13E-01	366874.65	3756582.79	1.13E-01	366874.65	3756582.79	1.25E+00
366900.00	3756500.00	1.89E+00	366900.00	3756500.00	5.71E+00	366900.00	3756500.00	2.11E+00	366900.00	3756500.00	1.15E-01	366900.00	3756500.00	1.15E-01	366900.00	3756500.00	1.17E+00
366913.34	3756494.23	1.91E+00	366913.34	3756494.23	5.77E+00	366913.34	3756494.23	2.14E+00	366913.34	3756494.23	1.17E-01	366913.34	3756494.23	1.17E-01	366913.34	3756494.23	1.17E+00
366921.75	3757860.58	1.86E+00	366921.75	3757860.58	5.61E+00	366921.75	3757860.58	2.07E+00	366921.75	3757860.58	1.14E-01	366921.75	3757860.58	1.14E-01	366921.75	3757860.58	1.26E+00
366952.02	3756405.68	1.98E+00	366952.02	3756405.68	5.99E+00	366952.02	3756405.68	2.22E+00	366952.02	3756405.68	1.21E-01	366952.02	3756405.68	1.21E-01	366952.02	3756405.68	1.05E+00
366982.97	3757895.00	1.83E+00	366982.97	3757895.00	5.53E+00	366982.97	3757895.00	2.04E+00	366982.97	3757895.00	1.12E-01	366982.97	3757895.00	1.12E-01	366982.97	3757895.00	1.33E+00
366990.71	3756317.13	2.03E+00	366990.71	3756317.13	6.15E+00	366990.71	3756317.13	2.28E+00	366990.71	3756317.13	1.25E-01	366990.71	3756317.13	1.25E-01	366990.71	3756317.13	8.92E-01
367029.39	3756228.58	2.27E+00	367029.39	3756228.58	6.85E+00	367029.39	3756228.58	2.54E+00	367029.39	3756228.58	1.39E-01	367029.39	3756228.58	1.39E-01	367029.39	3756228.58	7.19E-01
367044.19	3757929.41	1.85E+00	367044.19	3757929.41	5.59E+00	367044.19	3757929.41	2.07E+00	367044.19	3757929.41	1.13E-01	367044.19	3757929.41	1.13E-01	367044.19	3757929.41	2.31E+00
367068.08	3756140.03	2.39E+00	367068.08	3756140.03	7.22E+00	367068.08	3756140.03	2.67E+00	367068.08	3756140.03	1.52E-01	367068.08	3756140.03	1.52E-01	367068.08	3756140.03	5.48E-01
367106.77	3756051.48	2.37E+00	367106.77	3756051.48	7.15E+00	367106.77	3756051.48	2.65E+00	367106.77	3756051.48	1.67E-01	367106.77	3756051.48	1.67E-01	367106.77	3756051.48	6.35E-01
367145.45	3755962.93	2.19E+00	367145.45	3755962.93	6.62E+00	367145.45	3755962.93	2.45E+00	367145.45	3755962.93	1.75E-01	367145.45	3755962.93	1.75E-01	367145.45	3755962.93	7.34E-01
367163.35	3757937.75	2.15E+00	367163.35	3757937.75	6.65E+00	367163.35	3757937.75	2.49E+00	367163.35	3757937.75	1.36E-01	367163.35	3757937.75	1.36E-01	367163.35	3757937.75	3.38E+00
367184.14	3755874.38	2.11E+00	367184.14	3755874.38	6.39E+00	367184.14	3755874.38	2.37E+00	367184.14	3755874.38	1.74E-01	367184.14	3755874.38	1.74E-01	367184.14	3755874.38	8.34E-01
367222.83	3755785.83	2.06E+00	367222.83	3755785.83	6.24E+00	367222.83	3755785.83	2.31E+00	367222.83	3755785.83	1.65E-01	367222.83	3755785.83	1.65E-01	367222.83	3755785.83	9.36E-01
367261.51	3755697.28	2.07E+00	367261.51	3755697.28	6.26E+00	367261.51	3755697.28	2.32E+00	367261.51	3755697.28	1.49E-01	367261.51	3755697.28	1.49E-01	367261.51	3755697.28	1.04E+00
367284.84	3757912.25	2.04E+00	367284.84	3757912.25	6.16E+00	367284.84	3757912.25	2.28E+00	367284.84	3757912.25	1.25E-01	367284.84	3757912.25	1.25E-01	367284.84	3757912.25	1.49E+00
367300.20	3755608.73	2.05E+00	367300.20	3755608.73	6.19E+00	367300.20	3755608.73	2.29E+00	367300.20	3755608.73	1.59E-01	367300.20	3755608.73	1.59E-01	367300.20	3755608.73	1.15E+00
367338.88	3755520.18	2.15E+00	367338.88	3755520.18	6.50E+00	367338.88	3755520.18	2.41E+00	367338.88	3755520.18	1.72E-01	367338.88	3755520.18	1.72E-01	367338.88	3755520.18	1.24E+00
367348.39	3757912.82	2.10E+00	367348.39	3757912.82	6.34E+00	367348.39	3757912.82	2.35E+00	367348.39	3757912.82	1.28E-01	367348.39	3757912.82	1.28E-01	367348.39	3757912.82	1.78E+00

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
367377.57	3755431.63	2.14E+00	367377.57	3755431.63	6.47E+00	367377.57	3755431.63	2.40E+00	367377.57	3755431.63	1.76E-01	367377.57	3755431.63	1.76E-01	367377.57	3755431.63	1.30E+00
367401.92	3757982.92	2.04E+00	367401.92	3757982.92	6.17E+00	367401.92	3757982.92	2.28E+00	367401.92	3757982.92	1.25E-01	367401.92	3757982.92	1.25E-01	367401.92	3757982.92	1.64E+00
367464.88	3755430.72	2.27E+00	367464.88	3755430.72	6.89E+00	367464.88	3755430.72	2.56E+00	367464.88	3755430.72	1.80E-01	367464.88	3755430.72	1.80E-01	367464.88	3755430.72	1.34E+00
367498.60	3757937.52	2.14E+00	367498.60	3757937.52	6.48E+00	367498.60	3757937.52	2.40E+00	367498.60	3757937.52	1.31E-01	367498.60	3757937.52	1.31E-01	367498.60	3757937.52	1.65E+00
367539.80	3757864.76	2.26E+00	367539.80	3757864.76	6.85E+00	367539.80	3757864.76	2.54E+00	367539.80	3757864.76	1.39E-01	367539.80	3757864.76	1.39E-01	367539.80	3757864.76	1.57E+00
367552.20	3755429.80	2.41E+00	367552.20	3755429.80	7.30E+00	367552.20	3755429.80	2.71E+00	367552.20	3755429.80	1.82E-01	367552.20	3755429.80	1.82E-01	367552.20	3755429.80	1.37E+00
367596.95	3757879.64	2.26E+00	367596.95	3757879.64	6.85E+00	367596.95	3757879.64	2.54E+00	367596.95	3757879.64	1.39E-01	367596.95	3757879.64	1.39E-01	367596.95	3757879.64	1.63E+00
367628.79	3757855.59	2.32E+00	367628.79	3757855.59	7.03E+00	367628.79	3757855.59	2.60E+00	367628.79	3757855.59	1.42E-01	367628.79	3757855.59	1.42E-01	367628.79	3757855.59	1.61E+00
367639.51	3755428.89	2.53E+00	367639.51	3755428.89	7.66E+00	367639.51	3755428.89	2.84E+00	367639.51	3755428.89	1.84E-01	367639.51	3755428.89	1.84E-01	367639.51	3755428.89	1.40E+00
367696.39	3757845.44	2.37E+00	367696.39	3757845.44	7.17E+00	367696.39	3757845.44	2.66E+00	367696.39	3757845.44	1.45E-01	367696.39	3757845.44	1.45E-01	367696.39	3757845.44	1.63E+00
367700.81	3758169.46	2.57E+00	367700.81	3758169.46	7.82E+00	367700.81	3758169.46	2.93E+00	367700.81	3758169.46	1.57E-01	367700.81	3758169.46	1.57E-01	367700.81	3758169.46	1.93E+00
367707.57	3757896.37	2.29E+00	367707.57	3757896.37	6.92E+00	367707.57	3757896.37	2.56E+00	367707.57	3757896.37	1.40E-01	367707.57	3757896.37	1.40E-01	367707.57	3757896.37	1.74E+00
367726.83	3755427.97	2.61E+00	367726.83	3755427.97	7.91E+00	367726.83	3755427.97	2.93E+00	367726.83	3755427.97	1.82E-01	367726.83	3755427.97	1.82E-01	367726.83	3755427.97	1.42E+00
367734.79	3758105.67	2.42E+00	367734.79	3758105.67	7.35E+00	367734.79	3758105.67	2.75E+00	367734.79	3758105.67	1.48E-01	367734.79	3758105.67	1.48E-01	367734.79	3758105.67	2.15E+00
367743.72	3758010.21	2.35E+00	367743.72	3758010.21	7.12E+00	367743.72	3758010.21	2.66E+00	367743.72	3758010.21	1.44E-01	367743.72	3758010.21	1.44E-01	367743.72	3758010.21	2.55E+00
367785.33	3758200.53	3.60E+00	367785.33	3758200.53	1.13E+01	367785.33	3758200.53	4.26E+00	367785.33	3758200.53	2.31E-01	367785.33	3758200.53	2.31E-01	367785.33	3758200.53	1.97E+00
367814.14	3755427.06	2.67E+00	367814.14	3755427.06	8.09E+00	367814.14	3755427.06	3.00E+00	367814.14	3755427.06	1.80E-01	367814.14	3755427.06	1.80E-01	367814.14	3755427.06	1.43E+00
367830.31	3758150.13	3.03E+00	367830.31	3758150.13	9.22E+00	367830.31	3758150.13	3.46E+00	367830.31	3758150.13	1.85E-01	367830.31	3758150.13	1.85E-01	367830.31	3758150.13	1.98E+00
367839.73	3758178.15	3.75E+00	367839.73	3758178.15	1.18E+01	367839.73	3758178.15	4.44E+00	367839.73	3758178.15	2.41E-01	367839.73	3758178.15	2.41E-01	367839.73	3758178.15	2.04E+00
367874.18	3755433.41	2.70E+00	367874.18	3755433.41	8.18E+00	367874.18	3755433.41	3.03E+00	367874.18	3755433.41	1.79E-01	367874.18	3755433.41	1.79E-01	367874.18	3755433.41	1.45E+00
367912.80	3758112.41	3.90E+00	367912.80	3758112.41	1.23E+01	367912.80	3758112.41	4.63E+00	367912.80	3758112.41	2.51E-01	367912.80	3758112.41	2.51E-01	367912.80	3758112.41	2.72E+00
367934.21	3755439.76	2.72E+00	367934.21	3755439.76	8.23E+00	367934.21	3755439.76	3.05E+00	367934.21	3755439.76	1.81E-01	367934.21	3755439.76	1.81E-01	367934.21	3755439.76	1.46E+00
368001.74	3755450.16	2.73E+00	368001.74	3755450.16	8.25E+00	368001.74	3755450.16	3.05E+00	368001.74	3755450.16	1.86E-01	368001.74	3755450.16	1.86E-01	368001.74	3755450.16	1.47E+00
368067.33	3758044.68	4.47E+00	368067.33	3758044.68	1.41E+01	368067.33	3758044.68	5.33E+00	368067.33	3758044.68	2.89E-01	368067.33	3758044.68	2.89E-01	368067.33	3758044.68	3.45E+00
368069.28	3755460.56	2.73E+00	368069.28	3755460.56	8.25E+00	368069.28	3755460.56	3.05E+00	368069.28	3755460.56	1.92E-01	368069.28	3755460.56	1.92E-01	368069.28	3755460.56	1.48E+00
368136.81	3755470.96	2.76E+00	368136.81	3755470.96	8.37E+00	368136.81	3755470.96	3.11E+00	368136.81	3755470.96	1.92E-01	368136.81	3755470.96	1.92E-01	368136.81	3755470.96	1.68E+00
368139.37	3758014.68	3.83E+00	368139.37	3758014.68	1.16E+01	368139.37	3758014.68	4.37E+00	368139.37	3758014.68	2.34E-01	368139.37	3758014.68	2.34E-01	368139.37	3758014.68	2.49E+00
368217.94	3755478.99	2.84E+00	368217.94	3755478.99	8.61E+00	368217.94	3755478.99	3.19E+00	368217.94	3755478.99	1.99E-01	368217.94	3755478.99	1.99E-01	368217.94	3755478.99	1.51E+00
368226.20	3757984.68	4.94E+00	368226.20	3757984.68	1.57E+01	368226.20	3757984.68	5.91E+00	368226.20	3757984.68	3.20E-01	368226.20	3757984.68	3.20E-01	368226.20	3757984.68	3.94E+00
368310.20	3755477.83	2.95E+00	368310.20	3755477.83	8.97E+00	368310.20	3755477.83	3.35E+00	368310.20	3755477.83	2.00E-01	368310.20	3755477.83	2.00E-01	368310.20	3755477.83	1.62E+00
368312.17	3757967.29	5.07E+00	368312.17	3757967.29	1.61E+01	368312.17	3757967.29	6.08E+00	368312.17	3757967.29	3.31E-01	368312.17	3757967.29	3.31E-01	368312.17	3757967.29	5.00E+00
368386.06	3757966.42	4.88E+00	368386.06	3757966.42	1.55E+01	368386.06	3757966.42	5.85E+00	368386.06	3757966.42	3.21E-01	368386.06	3757966.42	3.21E-01	368386.06	3757966.42	5.04E+00
368402.45	3755476.67	3.19E+00	368402.45	3755476.67	9.69E+00	368402.45	3755476.67	3.61E+00	368402.45	3755476.67	2.01E-01	368402.45	3755476.67	2.01E-01	368402.45	3755476.67	1.72E+00
368459.96	3757965.55	4.64E+00	368459.96	3757965.55	1.49E+01	368459.96	3757965.55	5.57E+00	368459.96	3757965.55	3.10E-01	368459.96	3757965.55	3.10E-01	368459.96	3757965.55	4.04E+00
368494.71	3755475.51	3.35E+00	368494.71	3755475.51	1.02E+01	368494.71	3755475.51	3.78E+00	368494.71	3755475.51	2.06E-01	368494.71	3755475.51	2.06E-01	368494.71	3755475.51	1.81E+00
368533.85	3757964.68	4.53E+00	368533.85	3757964.68	1.38E+01	368533.85	3757964.68	5.22E+00	368533.85	3757964.68	2.76E-01	368533.85	3757964.68	2.76E-01	368533.85	3757964.68	2.78E+00
368533.98	3757935.39	4.38E+00	368533.98	3757935.39	1.33E+01	368533.98	3757935.39	5.03E+00	368533.98	3757935.39	2.68E-01	368533.98	3757935.39	2.68E-01	368533.98	3757935.39	2.83E+00
368586.97	3755474.35	3.39E+00	368586.97	3755474.35	1.03E+01	368586.97	3755474.35	3.82E+00	368586.97	3755474.35	2.14E-01	368586.97	3755474.35	2.14E-01	368586.97	3755474.35	1.89E+00
368594.27	3757948.47	4.88E+00	368594.27	3757948.47	1.49E+01	368594.27	3757948.47	5.64E+00	368594.27	3757948.47	2.98E-01	368594.27	3757948.47	2.98E-01	368594.27	3757948.47	2.91E+00
368657.87	3757978.44	5.37E+00	368657.87	3757978.44	1.67E+01	368657.87	3757978.44	6.40E+00	368657.87	3757978.44	3.35E-01	368657.87	3757978.44	3.35E-01	368657.87	3757978.44	2.82E+00
368679.22	3755473.19	3.52E+00	368679.22	3755473.19	1.07E+01	368679.22	3755473.19	3.99E+00	368679.22	3755473.19	2.17E-01	368679.22	3755473.19	2.17E-01	368679.22	3755473.19	1.95E+00
368710.99	3758011.46	5.22E+00	368710.99	3758011.46	1.68E+01	368710.99	3758011.46	6.34E+00	368710.99	3758011.46	3.45E-01	368710.99	3758011.46	3.45E-01	368710.99	3758011.46	2.86E+00
368748.06	3758034.51	4.67E+00	368748.06	3758034.51	1.50E+01	368748.06	3758034.51	5.61E+00	368748.06	3758034.51	3.13E-01	368748.06	3758034.51	3.13E-01	368748.06	3758034.51	2.64E+00

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
368771.48	3755472.04	3.58E+00	368771.48	3755472.04	1.09E+01	368771.48	3755472.04	4.04E+00	368771.48	3755472.04	2.20E-01	368771.48	3755472.04	2.20E-01	368771.48	3755472.04	2.00E+00
368806.72	3758070.98	4.65E+00	368806.72	3758070.98	1.42E+01	368806.72	3758070.98	5.35E+00	368806.72	3758070.98	2.84E-01	368806.72	3758070.98	2.84E-01	368806.72	3758070.98	3.11E+00
368863.73	3755470.88	3.49E+00	368863.73	3755470.88	1.06E+01	368863.73	3755470.88	3.95E+00	368863.73	3755470.88	2.15E-01	368863.73	3755470.88	2.15E-01	368863.73	3755470.88	1.99E+00
368865.39	3758107.46	4.34E+00	368865.39	3758107.46	1.34E+01	368865.39	3758107.46	5.05E+00	368865.39	3758107.46	2.70E-01	368865.39	3758107.46	2.70E-01	368865.39	3758107.46	3.46E+00
368931.37	3758150.49	3.88E+00	368931.37	3758150.49	1.20E+01	368931.37	3758150.49	4.49E+00	368931.37	3758150.49	2.44E-01	368931.37	3758150.49	2.44E-01	368931.37	3758150.49	3.64E+00
368955.99	3755469.72	3.54E+00	368955.99	3755469.72	1.08E+01	368955.99	3755469.72	4.06E+00	368955.99	3755469.72	2.18E-01	368955.99	3755469.72	2.18E-01	368955.99	3755469.72	1.97E+00
368974.29	3758177.61	3.56E+00	368974.29	3758177.61	1.11E+01	368974.29	3758177.61	4.16E+00	368974.29	3758177.61	2.28E-01	368974.29	3758177.61	2.28E-01	368974.29	3758177.61	3.67E+00
368992.63	3758138.09	3.70E+00	368992.63	3758138.09	1.15E+01	368992.63	3758138.09	4.30E+00	368992.63	3758138.09	2.35E-01	368992.63	3758138.09	2.35E-01	368992.63	3758138.09	3.59E+00
369011.06	3758086.77	3.95E+00	369011.06	3758086.77	1.23E+01	369011.06	3758086.77	4.61E+00	369011.06	3758086.77	2.52E-01	369011.06	3758086.77	2.52E-01	369011.06	3758086.77	3.54E+00
369048.25	3755468.56	3.73E+00	369048.25	3755468.56	1.14E+01	369048.25	3755468.56	4.25E+00	369048.25	3755468.56	2.29E-01	369048.25	3755468.56	2.29E-01	369048.25	3755468.56	1.98E+00
369097.31	3758131.13	4.00E+00	369097.31	3758131.13	1.26E+01	369097.31	3758131.13	4.78E+00	369097.31	3758131.13	2.56E-01	369097.31	3758131.13	2.56E-01	369097.31	3758131.13	3.93E+00
369140.50	3755467.40	3.74E+00	369140.50	3755467.40	1.14E+01	369140.50	3755467.40	4.24E+00	369140.50	3755467.40	2.30E-01	369140.50	3755467.40	2.30E-01	369140.50	3755467.40	2.09E+00
369216.91	3758091.16	4.17E+00	369216.91	3758091.16	1.32E+01	369216.91	3758091.16	5.01E+00	369216.91	3758091.16	2.70E-01	369216.91	3758091.16	2.70E-01	369216.91	3758091.16	4.22E+00
369232.76	3755466.24	3.69E+00	369232.76	3755466.24	1.13E+01	369232.76	3755466.24	4.24E+00	369232.76	3755466.24	2.27E-01	369232.76	3755466.24	2.27E-01	369232.76	3755466.24	2.17E+00
369267.76	3758146.04	3.43E+00	369267.76	3758146.04	1.05E+01	369267.76	3758146.04	3.92E+00	369267.76	3758146.04	2.12E-01	369267.76	3758146.04	2.12E-01	369267.76	3758146.04	3.24E+00
369271.60	3758257.04	3.49E+00	369271.60	3758257.04	1.11E+01	369271.60	3758257.04	4.18E+00	369271.60	3758257.04	2.28E-01	369271.60	3758257.04	2.28E-01	369271.60	3758257.04	3.45E+00
369323.20	3758086.63	3.55E+00	369323.20	3758086.63	1.08E+01	369323.20	3758086.63	4.06E+00	369323.20	3758086.63	2.19E-01	369323.20	3758086.63	2.19E-01	369323.20	3758086.63	2.86E+00
369328.65	3758304.45	3.98E+00	369328.65	3758304.45	1.23E+01	369328.65	3758304.45	4.69E+00	369328.65	3758304.45	2.47E-01	369328.65	3758304.45	2.47E-01	369328.65	3758304.45	2.94E+00
369329.84	3755464.79	3.82E+00	369329.84	3755464.79	1.17E+01	369329.84	3755464.79	4.43E+00	369329.84	3755464.79	2.36E-01	369329.84	3755464.79	2.36E-01	369329.84	3755464.79	2.22E+00
369342.43	3757939.52	4.12E+00	369342.43	3757939.52	1.26E+01	369342.43	3757939.52	4.75E+00	369342.43	3757939.52	2.54E-01	369342.43	3757939.52	2.54E-01	369342.43	3757939.52	2.87E+00
369386.54	3758429.44	3.97E+00	369386.54	3758429.44	1.24E+01	369386.54	3758429.44	4.70E+00	369386.54	3758429.44	2.49E-01	369386.54	3758429.44	2.49E-01	369386.54	3758429.44	4.30E+00
369387.36	3758507.02	3.80E+00	369387.36	3758507.02	1.19E+01	369387.36	3758507.02	4.50E+00	369387.36	3758507.02	2.40E-01	369387.36	3758507.02	2.40E-01	369387.36	3758507.02	5.17E+00
369409.11	3758008.60	3.92E+00	369409.11	3758008.60	1.21E+01	369409.11	3758008.60	4.57E+00	369409.11	3758008.60	2.43E-01	369409.11	3758008.60	2.43E-01	369409.11	3758008.60	3.39E+00
369426.92	3755463.35	4.19E+00	369426.92	3755463.35	1.28E+01	369426.92	3755463.35	4.84E+00	369426.92	3755463.35	2.58E-01	369426.92	3755463.35	2.58E-01	369426.92	3755463.35	2.22E+00
369468.66	3758583.75	3.19E+00	369468.66	3758583.75	1.00E+01	369468.66	3758583.75	3.74E+00	369468.66	3758583.75	2.06E-01	369468.66	3758583.75	2.06E-01	369468.66	3758583.75	5.55E+00
369524.00	3755461.90	4.21E+00	369524.00	3755461.90	1.29E+01	369524.00	3755461.90	4.83E+00	369524.00	3755461.90	2.60E-01	369524.00	3755461.90	2.60E-01	369524.00	3755461.90	2.18E+00
369549.13	3758582.89	3.32E+00	369549.13	3758582.89	1.02E+01	369549.13	3758582.89	3.88E+00	369549.13	3758582.89	2.04E-01	369549.13	3758582.89	2.04E-01	369549.13	3758582.89	5.01E+00
369621.08	3755460.45	3.97E+00	369621.08	3755460.45	1.21E+01	369621.08	3755460.45	4.49E+00	369621.08	3755460.45	2.46E-01	369621.08	3755460.45	2.46E-01	369621.08	3755460.45	2.07E+00
369629.61	3758582.03	3.74E+00	369629.61	3758582.03	1.15E+01	369629.61	3758582.03	4.38E+00	369629.61	3758582.03	2.30E-01	369629.61	3758582.03	2.30E-01	369629.61	3758582.03	4.86E+00
369710.08	3758581.17	3.42E+00	369710.08	3758581.17	1.05E+01	369710.08	3758581.17	4.03E+00	369710.08	3758581.17	2.11E-01	369710.08	3758581.17	2.11E-01	369710.08	3758581.17	4.57E+00
369718.16	3755459.00	3.80E+00	369718.16	3755459.00	1.17E+01	369718.16	3755459.00	4.44E+00	369718.16	3755459.00	2.35E-01	369718.16	3755459.00	2.35E-01	369718.16	3755459.00	1.92E+00
369787.02	3758286.68	3.93E+00	369787.02	3758286.68	1.20E+01	369787.02	3758286.68	4.54E+00	369787.02	3758286.68	2.43E-01	369787.02	3758286.68	2.43E-01	369787.02	3758286.68	4.57E+00
369788.19	3758398.38	3.61E+00	369788.19	3758398.38	1.11E+01	369788.19	3758398.38	4.16E+00	369788.19	3758398.38	2.23E-01	369788.19	3758398.38	2.23E-01	369788.19	3758398.38	4.56E+00
369789.37	3758489.35	3.43E+00	369789.37	3758489.35	1.05E+01	369789.37	3758489.35	3.94E+00	369789.37	3758489.35	2.12E-01	369789.37	3758489.35	2.12E-01	369789.37	3758489.35	4.43E+00
369815.24	3755457.56	4.08E+00	369815.24	3755457.56	1.26E+01	369815.24	3755457.56	4.75E+00	369815.24	3755457.56	2.53E-01	369815.24	3755457.56	2.53E-01	369815.24	3755457.56	1.72E+00
369882.84	3758285.07	3.72E+00	369882.84	3758285.07	1.14E+01	369882.84	3758285.07	4.26E+00	369882.84	3758285.07	2.31E-01	369882.84	3758285.07	2.31E-01	369882.84	3758285.07	4.39E+00
369912.32	3755456.11	4.01E+00	369912.32	3755456.11	1.23E+01	369912.32	3755456.11	4.62E+00	369912.32	3755456.11	2.49E-01	369912.32	3755456.11	2.49E-01	369912.32	3755456.11	1.66E+00
369978.66	3758283.45	3.40E+00	369978.66	3758283.45	1.04E+01	369978.66	3758283.45	3.83E+00	369978.66	3758283.45	2.13E-01	369978.66	3758283.45	2.13E-01	369978.66	3758283.45	5.59E+00
370009.40	3755454.66	4.17E+00	370009.40	3755454.66	1.28E+01	370009.40	3755454.66	4.87E+00	370009.40	3755454.66	2.58E-01	370009.40	3755454.66	2.58E-01	370009.40	3755454.66	1.86E+00
370056.44	3758282.14	3.07E+00	370056.44	3758282.14	9.64E+00	370056.44	3758282.14	3.68E+00	370056.44	3758282.14	2.30E-01	370056.44	3758282.14	2.30E-01	370056.44	3758282.14	6.17E+00
370106.48	3755453.21	4.21E+00	370106.48	3755453.21	1.29E+01	370106.48	3755453.21	4.88E+00	370106.48	3755453.21	2.61E-01	370106.48	3755453.21	2.61E-01	370106.48	3755453.21	2.03E+00
370130.90	3758282.44	4.48E+00	370130.90	3758282.44	1.39E+01	370130.90	3758282.44	5.26E+00	370130.90	3758282.44	2.82E-01	370130.90	3758282.44	2.82E-01	370130.90	3758282.44	6.43E+00
370203.56	3755451.77	3.93E+00	370203.56	3755451.77	1.20E+01	370203.56	3755451.77	4.54E+00	370203.56	3755451.77	2.45E-01	370203.56	3755451.77	2.45E-01	370203.56	3755451.77	2.29E+00

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
370226.81	3758159.47	5.61E+00	370226.81	3758159.47	1.74E+01	370226.81	3758159.47	6.67E+00	370226.81	3758159.47	3.47E-01	370226.81	3758159.47	3.47E-01	370226.81	3758159.47	5.21E+00
370227.55	3758221.46	5.39E+00	370227.55	3758221.46	1.66E+01	370227.55	3758221.46	6.39E+00	370227.55	3758221.46	3.33E-01	370227.55	3758221.46	3.33E-01	370227.55	3758221.46	5.49E+00
370228.30	3758283.44	5.16E+00	370228.30	3758283.44	1.59E+01	370228.30	3758283.44	6.10E+00	370228.30	3758283.44	3.18E-01	370228.30	3758283.44	3.18E-01	370228.30	3758283.44	5.15E+00
370253.14	3758168.84	5.43E+00	370253.14	3758168.84	1.68E+01	370253.14	3758168.84	6.47E+00	370253.14	3758168.84	3.36E-01	370253.14	3758168.84	3.36E-01	370253.14	3758168.84	5.17E+00
370300.64	3755450.32	4.09E+00	370300.64	3755450.32	1.26E+01	370300.64	3755450.32	4.76E+00	370300.64	3755450.32	2.54E-01	370300.64	3755450.32	2.54E-01	370300.64	3755450.32	3.33E+00
370308.97	3758176.51	4.94E+00	370308.97	3758176.51	1.53E+01	370308.97	3758176.51	5.87E+00	370308.97	3758176.51	3.06E-01	370308.97	3758176.51	3.06E-01	370308.97	3758176.51	5.29E+00
370356.87	3758202.23	4.50E+00	370356.87	3758202.23	1.39E+01	370356.87	3758202.23	5.30E+00	370356.87	3758202.23	2.80E-01	370356.87	3758202.23	2.80E-01	370356.87	3758202.23	5.24E+00
370397.72	3755448.87	3.93E+00	370397.72	3755448.87	1.21E+01	370397.72	3755448.87	4.52E+00	370397.72	3755448.87	2.45E-01	370397.72	3755448.87	2.45E-01	370397.72	3755448.87	3.44E+00
370404.21	3758225.88	4.18E+00	370404.21	3758225.88	1.29E+01	370404.21	3758225.88	4.85E+00	370404.21	3758225.88	2.61E-01	370404.21	3758225.88	2.61E-01	370404.21	3758225.88	4.88E+00
370422.64	3758284.19	4.05E+00	370422.64	3758284.19	1.24E+01	370422.64	3758284.19	4.68E+00	370422.64	3758284.19	2.52E-01	370422.64	3758284.19	2.52E-01	370422.64	3758284.19	4.09E+00
370442.78	3758228.43	4.00E+00	370442.78	3758228.43	1.23E+01	370442.78	3758228.43	4.56E+00	370442.78	3758228.43	2.50E-01	370442.78	3758228.43	2.50E-01	370442.78	3758228.43	4.75E+00
370465.02	3755455.18	3.88E+00	370465.02	3755455.18	1.19E+01	370465.02	3755455.18	4.49E+00	370465.02	3755455.18	2.41E-01	370465.02	3755455.18	2.41E-01	370465.02	3755455.18	3.35E+00
370522.53	3758282.84	3.67E+00	370522.53	3758282.84	1.12E+01	370522.53	3758282.84	4.06E+00	370522.53	3758282.84	2.43E-01	370522.53	3758282.84	2.43E-01	370522.53	3758282.84	3.92E+00
370558.15	3755458.94	3.71E+00	370558.15	3755458.94	1.14E+01	370558.15	3755458.94	4.31E+00	370558.15	3755458.94	2.30E-01	370558.15	3755458.94	2.30E-01	370558.15	3755458.94	5.77E+00
370622.42	3758281.49	3.21E+00	370622.42	3758281.49	9.73E+00	370622.42	3758281.49	3.48E+00	370622.42	3758281.49	2.89E-01	370622.42	3758281.49	2.89E-01	370622.42	3758281.49	3.75E+00
370624.63	3755467.51	3.72E+00	370624.63	3755467.51	1.14E+01	370624.63	3755467.51	4.31E+00	370624.63	3755467.51	2.32E-01	370624.63	3755467.51	2.32E-01	370624.63	3755467.51	5.64E+00
370691.11	3755476.08	3.62E+00	370691.11	3755476.08	1.11E+01	370691.11	3755476.08	4.15E+00	370691.11	3755476.08	2.26E-01	370691.11	3755476.08	2.26E-01	370691.11	3755476.08	5.10E+00
370722.31	3758280.14	3.05E+00	370722.31	3758280.14	9.40E+00	370722.31	3758280.14	3.54E+00	370722.31	3758280.14	3.18E-01	370722.31	3758280.14	3.18E-01	370722.31	3758280.14	3.43E+00
370757.38	3755493.32	3.50E+00	370757.38	3755493.32	1.07E+01	370757.38	3755493.32	4.04E+00	370757.38	3755493.32	2.18E-01	370757.38	3755493.32	2.18E-01	370757.38	3755493.32	4.53E+00
370792.87	3757995.38	3.75E+00	370792.87	3757995.38	1.14E+01	370792.87	3757995.38	4.23E+00	370792.87	3757995.38	3.40E-01	370792.87	3757995.38	3.40E-01	370792.87	3757995.38	7.03E+00
370797.01	3758107.02	3.50E+00	370797.01	3758107.02	1.08E+01	370797.01	3758107.02	4.03E+00	370797.01	3758107.02	3.67E-01	370797.01	3758107.02	3.67E-01	370797.01	3758107.02	5.34E+00
370798.36	3758194.12	3.29E+00	370798.36	3758194.12	1.01E+01	370798.36	3758194.12	3.80E+00	370798.36	3758194.12	3.64E-01	370798.36	3758194.12	3.64E-01	370798.36	3758194.12	4.30E+00
370798.51	3757946.46	3.99E+00	370798.51	3757946.46	1.21E+01	370798.51	3757946.46	4.32E+00	370798.51	3757946.46	3.64E-01	370798.51	3757946.46	3.64E-01	370798.51	3757946.46	7.35E+00
370799.71	3758281.23	3.06E+00	370799.71	3758281.23	9.41E+00	370799.71	3758281.23	3.54E+00	370799.71	3758281.23	3.12E-01	370799.71	3758281.23	3.12E-01	370799.71	3758281.23	3.16E+00
370807.53	3755529.02	3.51E+00	370807.53	3755529.02	1.08E+01	370807.53	3755529.02	4.08E+00	370807.53	3755529.02	2.19E-01	370807.53	3755529.02	2.19E-01	370807.53	3755529.02	4.28E+00
370818.52	3757901.47	4.18E+00	370818.52	3757901.47	1.27E+01	370818.52	3757901.47	4.50E+00	370818.52	3757901.47	3.82E-01	370818.52	3757901.47	3.82E-01	370818.52	3757901.47	7.39E+00
370851.08	3757864.53	4.10E+00	370851.08	3757864.53	1.27E+01	370851.08	3757864.53	4.78E+00	370851.08	3757864.53	4.02E-01	370851.08	3757864.53	4.02E-01	370851.08	3757864.53	7.38E+00
370854.34	3755560.20	3.54E+00	370854.34	3755560.20	1.09E+01	370854.34	3755560.20	4.09E+00	370854.34	3755560.20	2.21E-01	370854.34	3755560.20	2.21E-01	370854.34	3755560.20	3.93E+00
370901.14	3755591.38	3.53E+00	370901.14	3755591.38	1.09E+01	370901.14	3755591.38	4.09E+00	370901.14	3755591.38	2.20E-01	370901.14	3755591.38	2.20E-01	370901.14	3755591.38	3.19E+00
370908.58	3757858.61	4.17E+00	370908.58	3757858.61	1.29E+01	370908.58	3757858.61	4.84E+00	370908.58	3757858.61	4.42E-01	370908.58	3757858.61	4.42E-01	370908.58	3757858.61	8.04E+00
370929.68	3755646.61	3.63E+00	370929.68	3755646.61	1.12E+01	370929.68	3755646.61	4.19E+00	370929.68	3755646.61	2.27E-01	370929.68	3755646.61	2.27E-01	370929.68	3755646.61	3.38E+00
370932.48	3755705.67	3.76E+00	370932.48	3755705.67	1.16E+01	370932.48	3755705.67	4.38E+00	370932.48	3755705.67	2.35E-01	370932.48	3755705.67	2.35E-01	370932.48	3755705.67	3.76E+00
370959.17	3757378.41	8.03E+00	370959.17	3757378.41	2.51E+01	370959.17	3757378.41	9.28E+00	370959.17	3757378.41	5.71E-01	370959.17	3757378.41	5.71E-01	370959.17	3757378.41	5.25E+00
370959.96	3757296.11	8.97E+00	370959.96	3757296.11	2.79E+01	370959.96	3757296.11	1.02E+01	370959.96	3757296.11	5.92E-01	370959.96	3757296.11	5.92E-01	370959.96	3757296.11	4.89E+00
370960.75	3757213.81	1.01E+01	370960.75	3757213.81	3.12E+01	370960.75	3757213.81	1.15E+01	370960.75	3757213.81	6.49E-01	370960.75	3757213.81	6.49E-01	370960.75	3757213.81	4.89E+00
370961.54	3757131.50	1.12E+01	370961.54	3757131.50	3.48E+01	370961.54	3757131.50	1.28E+01	370961.54	3757131.50	7.31E-01	370961.54	3757131.50	7.31E-01	370961.54	3757131.50	4.80E+00
370962.33	3757049.20	1.20E+01	370962.33	3757049.20	3.83E+01	370962.33	3757049.20	1.42E+01	370962.33	3757049.20	8.22E-01	370962.33	3757049.20	8.22E-01	370962.33	3757049.20	4.07E+00
370963.12	3756966.90	9.38E+00	370963.12	3756966.90	3.19E+01	370963.12	3756966.90	1.22E+01	370963.12	3756966.90	7.12E-01	370963.12	3756966.90	7.12E-01	370963.12	3756966.90	4.78E+00
370966.07	3757852.69	4.19E+00	370966.07	3757852.69	1.29E+01	370966.07	3757852.69	4.82E+00	370966.07	3757852.69	4.83E-01	370966.07	3757852.69	4.83E-01	370966.07	3757852.69	8.65E+00
370968.09	3757808.70	4.45E+00	370968.09	3757808.70	1.38E+01	370968.09	3757808.70	5.17E+00	370968.09	3757808.70	4.94E-01	370968.09	3757808.70	4.94E-01	370968.09	3757808.70	8.23E+00
370983.75	3755705.22	3.85E+00	370983.75	3755705.22	1.19E+01	370983.75	3755705.22	4.49E+00	370983.75	3755705.22	2.41E-01	370983.75	3755705.22	2.41E-01	370983.75	3755705.22	3.67E+00
370986.42	3755628.02	3.47E+00	370986.42	3755628.02	1.07E+01	370986.42	3755628.02	4.04E+00	370986.42	3755628.02	2.17E-01	370986.42	3755628.02	2.17E-01	370986.42	3755628.02	3.50E+00
370989.10	3755550.81	3.38E+00	370989.10	3755550.81	1.04E+01	370989.10	3755550.81	3.89E+00	370989.10	3755550.81	2.10E-01	370989.10	3755550.81	2.10E-01	370989.10	3755550.81	3.68E+00

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
370991.77	3755473.61	3.21E+00	370991.77	3755473.61	9.87E+00	370991.77	3755473.61	3.71E+00	370991.77	3755473.61	2.00E-01	370991.77	3755473.61	2.00E-01	370991.77	3755473.61	3.61E+00
371017.44	3757371.98	7.84E+00	371017.44	3757371.98	2.45E+01	371017.44	3757371.98	9.00E+00	371017.44	3757371.98	6.49E-01	371017.44	3757371.98	6.49E-01	371017.44	3757371.98	5.44E+00
371039.92	3757778.95	4.76E+00	371039.92	3757778.95	1.46E+01	371039.92	3757778.95	5.48E+00	371039.92	3757778.95	5.72E-01	371039.92	3757778.95	5.72E-01	371039.92	3757778.95	9.01E+00
371061.56	3756965.39	8.71E+00	371061.56	3756965.39	2.85E+01	371061.56	3756965.39	1.08E+01	371061.56	3756965.39	6.21E-01	371061.56	3756965.39	6.21E-01	371061.56	3756965.39	5.15E+00
371064.57	3755405.04	3.04E+00	371064.57	3755405.04	9.31E+00	371064.57	3755405.04	3.49E+00	371064.57	3755405.04	1.89E-01	371064.57	3755405.04	1.89E-01	371064.57	3755405.04	3.71E+00
371078.64	3757842.57	4.44E+00	371078.64	3757842.57	1.37E+01	371078.64	3757842.57	5.12E+00	371078.64	3757842.57	5.85E-01	371078.64	3757842.57	5.85E-01	371078.64	3757842.57	9.53E+00
371116.65	3757378.24	6.90E+00	371116.65	3757378.24	2.14E+01	371116.65	3757378.24	7.85E+00	371116.65	3757378.24	7.87E-01	371116.65	3757378.24	7.87E-01	371116.65	3757378.24	6.02E+00
371117.35	3757906.19	4.14E+00	371117.35	3757906.19	1.27E+01	371117.35	3757906.19	4.77E+00	371117.35	3757906.19	7.23E-01	371117.35	3757906.19	7.23E-01	371117.35	3757906.19	8.18E+00
371160.25	3755403.96	2.94E+00	371160.25	3755403.96	8.99E+00	371160.25	3755403.96	3.35E+00	371160.25	3755403.96	1.83E-01	371160.25	3755403.96	1.83E-01	371160.25	3755403.96	4.25E+00
371160.00	3756963.88	8.16E+00	371160.00	3756963.88	2.61E+01	371160.00	3756963.88	9.78E+00	371160.00	3756963.88	5.58E-01	371160.00	3756963.88	5.58E-01	371160.00	3756963.88	5.57E+00
371173.76	3757954.26	3.97E+00	371173.76	3757954.26	1.22E+01	371173.76	3757954.26	4.56E+00	371173.76	3757954.26	6.61E-01	371173.76	3757954.26	6.61E-01	371173.76	3757954.26	6.47E+00
371174.47	3757986.09	3.80E+00	371174.47	3757986.09	1.17E+01	371174.47	3757986.09	4.38E+00	371174.47	3757986.09	5.69E-01	371174.47	3757986.09	5.69E-01	371174.47	3757986.09	5.81E+00
371208.04	3757297.08	6.94E+00	371208.04	3757297.08	2.13E+01	371208.04	3757297.08	7.89E+00	371208.04	3757297.08	8.46E-01	371208.04	3757297.08	8.46E-01	371208.04	3757297.08	5.58E+00
371208.86	3757379.92	6.47E+00	371208.86	3757379.92	1.99E+01	371208.86	3757379.92	7.34E+00	371208.86	3757379.92	9.98E-01	371208.86	3757379.92	9.98E-01	371208.86	3757379.92	6.55E+00
371210.97	3757210.00	7.32E+00	371210.97	3757210.00	2.25E+01	371210.97	3757210.00	8.33E+00	371210.97	3757210.00	7.95E-01	371210.97	3757210.00	7.95E-01	371210.97	3757210.00	5.75E+00
371243.87	3757985.25	3.91E+00	371243.87	3757985.25	1.20E+01	371243.87	3757985.25	4.47E+00	371243.87	3757985.25	4.53E-01	371243.87	3757985.25	4.53E-01	371243.87	3757985.25	5.41E+00
371255.94	3755402.89	2.95E+00	371255.94	3755402.89	9.03E+00	371255.94	3755402.89	3.39E+00	371255.94	3755402.89	1.83E-01	371255.94	3755402.89	1.83E-01	371255.94	3755402.89	4.25E+00
371258.45	3756962.36	7.59E+00	371258.45	3756962.36	2.40E+01	371258.45	3756962.36	8.95E+00	371258.45	3756962.36	5.11E-01	371258.45	3756962.36	5.11E-01	371258.45	3756962.36	6.03E+00
371275.69	3757208.66	6.75E+00	371275.69	3757208.66	2.08E+01	371275.69	3757208.66	7.67E+00	371275.69	3757208.66	7.93E-01	371275.69	3757208.66	7.93E-01	371275.69	3757208.66	6.02E+00
371313.27	3757984.41	3.95E+00	371313.27	3757984.41	1.21E+01	371313.27	3757984.41	4.48E+00	371313.27	3757984.41	3.69E-01	371313.27	3757984.41	3.69E-01	371313.27	3757984.41	4.89E+00
371348.54	3758024.62	3.80E+00	371348.54	3758024.62	1.16E+01	371348.54	3758024.62	4.31E+00	371348.54	3758024.62	2.45E-01	371348.54	3758024.62	2.45E-01	371348.54	3758024.62	4.21E+00
371351.62	3755401.81	3.05E+00	371351.62	3755401.81	9.34E+00	371351.62	3755401.81	3.50E+00	371351.62	3755401.81	1.89E-01	371351.62	3755401.81	1.89E-01	371351.62	3755401.81	3.67E+00
371356.75	3757207.46	6.17E+00	371356.75	3757207.46	1.90E+01	371356.75	3757207.46	7.00E+00	371356.75	3757207.46	6.63E-01	371356.75	3757207.46	6.63E-01	371356.75	3757207.46	6.40E+00
371356.89	3756960.85	7.03E+00	371356.89	3756960.85	2.22E+01	371356.89	3756960.85	8.23E+00	371356.89	3756960.85	5.36E-01	371356.89	3756960.85	5.36E-01	371356.89	3756960.85	6.54E+00
371402.37	3758061.24	3.70E+00	371402.37	3758061.24	1.13E+01	371402.37	3758061.24	4.18E+00	371402.37	3758061.24	2.30E-01	371402.37	3758061.24	2.30E-01	371402.37	3758061.24	4.60E+00
371437.81	3757206.27	5.85E+00	371437.81	3757206.27	1.80E+01	371437.81	3757206.27	6.63E+00	371437.81	3757206.27	9.66E-01	371437.81	3757206.27	9.66E-01	371437.81	3757206.27	6.89E+00
371447.31	3755400.73	3.05E+00	371447.31	3755400.73	9.32E+00	371447.31	3755400.73	3.47E+00	371447.31	3755400.73	1.89E-01	371447.31	3755400.73	1.89E-01	371447.31	3755400.73	3.28E+00
371455.33	3756959.34	6.48E+00	371455.33	3756959.34	2.04E+01	371455.33	3756959.34	7.57E+00	371455.33	3756959.34	6.24E-01	371455.33	3756959.34	6.24E-01	371455.33	3756959.34	7.09E+00
371474.09	3758110.88	4.88E+00	371474.09	3758110.88	1.08E+01	371474.09	3758110.88	4.00E+00	371474.09	3758110.88	2.20E-01	371474.09	3758110.88	2.20E-01	371474.09	3758110.88	5.19E+00
371518.87	3757205.07	5.57E+00	371518.87	3757205.07	1.71E+01	371518.87	3757205.07	6.30E+00	371518.87	3757205.07	1.14E+00	371518.87	3757205.07	1.14E+00	371518.87	3757205.07	7.47E+00
371537.39	3758154.69	5.23E+00	371537.39	3758154.69	1.03E+01	371537.39	3758154.69	3.82E+00	371537.39	3758154.69	2.11E-01	371537.39	3758154.69	2.11E-01	371537.39	3758154.69	5.55E+00
371542.99	3755399.65	2.97E+00	371542.99	3755399.65	9.05E+00	371542.99	3755399.65	3.35E+00	371542.99	3755399.65	1.84E-01	371542.99	3755399.65	1.84E-01	371542.99	3755399.65	3.99E+00
371599.93	3757203.87	5.30E+00	371599.93	3757203.87	1.62E+01	371599.93	3757203.87	5.98E+00	371599.93	3757203.87	8.75E-01	371599.93	3757203.87	8.75E-01	371599.93	3757203.87	8.07E+00
371600.70	3758198.51	4.17E+00	371600.70	3758198.51	9.94E+00	371600.70	3758198.51	3.67E+00	371600.70	3758198.51	2.12E-01	371600.70	3758198.51	2.12E-01	371600.70	3758198.51	5.63E+00
371613.52	3756957.47	5.65E+00	371613.52	3756957.47	1.79E+01	371613.52	3756957.47	6.63E+00	371613.52	3756957.47	3.88E-01	371613.52	3756957.47	3.88E-01	371613.52	3756957.47	8.09E+00
371638.68	3755398.58	2.85E+00	371638.68	3755398.58	8.65E+00	371638.68	3755398.58	3.19E+00	371638.68	3755398.58	1.77E-01	371638.68	3755398.58	1.77E-01	371638.68	3755398.58	4.24E+00
371652.22	3756956.31	5.46E+00	371652.22	3756956.31	1.73E+01	371652.22	3756956.31	6.42E+00	371652.22	3756956.31	3.73E-01	371652.22	3756956.31	3.73E-01	371652.22	3756956.31	8.34E+00
371664.00	3758242.33	3.15E+00	371664.00	3758242.33	9.58E+00	371664.00	3758242.33	3.53E+00	371664.00	3758242.33	2.31E-01	371664.00	3758242.33	2.31E-01	371664.00	3758242.33	3.82E+00
371678.83	3757376.47	8.89E+00	371678.83	3757376.47	3.27E+01	371678.83	3757376.47	1.40E+01	371678.83	3757376.47	2.31E+00	371678.83	3757376.47	2.31E+00	371678.83	3757376.47	1.09E+01
371680.99	3757202.68	5.04E+00	371680.99	3757202.68	1.55E+01	371680.99	3757202.68	5.76E+00	371680.99	3757202.68	5.09E-01	371680.99	3757202.68	5.09E-01	371680.99	3757202.68	8.71E+00
371683.71	3757291.78	6.71E+00	371683.71	3757291.78	1.39E+01	371683.71	3757291.78	5.44E+00	371683.71	3757291.78	1.00E+00	371683.71	3757291.78	1.00E+00	371683.71	3757291.78	9.14E+00
371734.36	3755397.50	2.65E+00	371734.36	3755397.50	8.05E+00	371734.36	3755397.50	2.95E+00	371734.36	3755397.50	1.65E-01	371734.36	3755397.50	1.65E-01	371734.36	3755397.50	3.88E+00
371750.66	3756954.80	5.01E+00	371750.66	3756954.80	1.60E+01	371750.66	3756954.80	5.92E+00	371750.66	3756954.80	3.47E-01	371750.66	3756954.80	3.47E-01	371750.66	3756954.80	9.03E+00

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M
371767.81	3758230.27	2.98E+00	371767.81	3758230.27	9.04E+00	371767.81	3758230.27	3.32E+00	371767.81	3758230.27	2.49E-01	371767.81	3758230.27	2.49E-01	371767.81	3758230.27	2.82E+00
371801.04	3755399.23	2.51E+00	371801.04	3755399.23	7.63E+00	371801.04	3755399.23	2.83E+00	371801.04	3755399.23	1.55E-01	371801.04	3755399.23	1.55E-01	371801.04	3755399.23	3.32E+00
371812.25	3757364.20	8.25E+00	371812.25	3757364.20	1.62E+01	371812.25	3757364.20	7.00E+00	371812.25	3757364.20	1.29E+00	371812.25	3757364.20	1.29E+00	371812.25	3757364.20	1.34E+01
371825.62	3758161.92	3.03E+00	371825.62	3758161.92	9.80E+00	371825.62	3758161.92	3.68E+00	371825.62	3758161.92	2.72E-01	371825.62	3758161.92	2.72E-01	371825.62	3758161.92	3.33E+00
371849.10	3756953.29	4.61E+00	371849.10	3756953.29	1.47E+01	371849.10	3756953.29	5.47E+00	371849.10	3756953.29	3.25E-01	371849.10	3756953.29	3.25E-01	371849.10	3756953.29	9.76E+00
371866.03	3757363.09	7.24E+00	371866.03	3757363.09	1.34E+01	371866.03	3757363.09	5.21E+00	371866.03	3757363.09	9.28E-01	371866.03	3757363.09	9.28E-01	371866.03	3757363.09	1.62E+01
371867.72	3755400.96	2.46E+00	371867.72	3755400.96	7.50E+00	371867.72	3755400.96	2.79E+00	371867.72	3755400.96	1.52E-01	371867.72	3755400.96	1.52E-01	371867.72	3755400.96	2.62E+00
371895.02	3758059.68	3.27E+00	371895.02	3758059.68	1.12E+01	371895.02	3758059.68	4.29E+00	371895.02	3758059.68	3.58E-01	371895.02	3758059.68	3.58E-01	371895.02	3758059.68	4.54E+00
371898.90	3758134.17	3.13E+00	371898.90	3758134.17	1.03E+01	371898.90	3758134.17	3.91E+00	371898.90	3758134.17	2.93E-01	371898.90	3758134.17	2.93E-01	371898.90	3758134.17	2.92E+00
371909.58	3757435.59	1.04E+01	371909.58	3757435.59	2.01E+01	371909.58	3757435.59	8.45E+00	371909.58	3757435.59	1.00E+00	371909.58	3757435.59	1.00E+00	371909.58	3757435.59	3.69E+01
371916.85	3757398.54	1.07E+01	371916.85	3757398.54	1.64E+01	371916.85	3757398.54	6.68E+00	371916.85	3757398.54	6.94E-01	371916.85	3757398.54	6.94E-01	371916.85	3757398.54	3.56E+01
371917.20	3757362.27	1.03E+01	371917.20	3757362.27	1.35E+01	371917.20	3757362.27	5.30E+00	371917.20	3757362.27	6.78E-01	371917.20	3757362.27	6.78E-01	371917.20	3757362.27	1.78E+01
371927.01	3757742.18	2.44E+01	371927.01	3757742.18	1.76E+01	371927.01	3757742.18	7.56E+00	371927.01	3757742.18	1.35E+00	371927.01	3757742.18	1.35E+00	371927.01	3757742.18	9.19E+00
371928.06	3757790.69	2.88E+01	371928.06	3757790.69	1.70E+01	371928.06	3757790.69	7.25E+00	371928.06	3757790.69	1.33E+00	371928.06	3757790.69	1.33E+00	371928.06	3757790.69	9.22E+00
371934.40	3755402.69	2.46E+00	371934.40	3755402.69	7.52E+00	371934.40	3755402.69	2.81E+00	371934.40	3755402.69	1.53E-01	371934.40	3755402.69	1.53E-01	371934.40	3755402.69	1.89E+00
371934.40	3757852.44	2.03E+01	371934.40	3757852.44	1.56E+01	371934.40	3757852.44	6.54E+00	371934.40	3757852.44	1.13E+00	371934.40	3757852.44	1.13E+00	371934.40	3757852.44	8.76E+00
371937.61	3757919.43	8.63E+00	371937.61	3757919.43	1.40E+01	371937.61	3757919.43	5.70E+00	371937.61	3757919.43	8.51E-01	371937.61	3757919.43	8.51E-01	371937.61	3757919.43	7.45E+00
371940.82	3757986.42	4.23E+00	371940.82	3757986.42	1.26E+01	371940.82	3757986.42	5.00E+00	371940.82	3757986.42	6.08E-01	371940.82	3757986.42	6.08E-01	371940.82	3757986.42	5.69E+00
371944.03	3758053.41	3.20E+00	371944.03	3758053.41	1.15E+01	371944.03	3758053.41	4.45E+00	371944.03	3758053.41	4.36E-01	371944.03	3758053.41	4.36E-01	371944.03	3758053.41	3.95E+00
371947.54	3756951.78	4.23E+00	371947.54	3756951.78	1.36E+01	371947.54	3756951.78	5.06E+00	371947.54	3756951.78	4.22E-01	371947.54	3756951.78	4.22E-01	371947.54	3756951.78	1.05E+01
371954.98	3757424.18	1.45E+01	371954.98	3757424.18	1.73E+01	371954.98	3757424.18	7.23E+00	371954.98	3757424.18	8.16E-01	371954.98	3757424.18	8.16E-01	371954.98	3757424.18	4.12E+01
372007.70	3757423.51	1.94E+01	372007.70	3757423.51	1.65E+01	372007.70	3757423.51	6.97E+00	372007.70	3757423.51	7.88E-01	372007.70	3757423.51	7.88E-01	372007.70	3757423.51	3.78E+01
372031.48	3757755.88	7.23E+01	372031.48	3757755.88	1.58E+01	372031.48	3757755.88	6.75E+00	372031.48	3757755.88	9.71E-01	372031.48	3757755.88	9.71E-01	372031.48	3757755.88	1.04E+01
372033.85	3755399.05	2.55E+00	372033.85	3755399.05	7.76E+00	372033.85	3755399.05	2.89E+00	372033.85	3755399.05	1.58E-01	372033.85	3755399.05	1.58E-01	372033.85	3755399.05	1.75E+00
372045.99	3756950.26	3.91E+00	372045.99	3756950.26	1.26E+01	372045.99	3756950.26	4.72E+00	372045.99	3756950.26	4.08E-01	372045.99	3756950.26	4.08E-01	372045.99	3756950.26	1.13E+01
372060.42	3757422.83	1.47E+01	372060.42	3757422.83	1.77E+01	372060.42	3757422.83	7.61E+00	372060.42	3757422.83	8.30E-01	372060.42	3757422.83	8.30E-01	372060.42	3757422.83	3.64E+01
372097.97	3757754.97	7.95E+01	372097.97	3757754.97	1.60E+01	372097.97	3757754.97	6.98E+00	372097.97	3757754.97	8.36E-01	372097.97	3757754.97	8.36E-01	372097.97	3757754.97	1.03E+01
372114.62	3757440.24	9.66E+00	372114.62	3757440.24	1.87E+01	372114.62	3757440.24	8.22E+00	372114.62	3757440.24	9.33E-01	372114.62	3757440.24	9.33E-01	372114.62	3757440.24	4.08E+01
372133.29	3755395.42	2.56E+00	372133.29	3755395.42	7.79E+00	372133.29	3755395.42	2.89E+00	372133.29	3755395.42	1.58E-01	372133.29	3755395.42	1.58E-01	372133.29	3755395.42	1.81E+00
372144.43	3756948.75	3.60E+00	372144.43	3756948.75	1.17E+01	372144.43	3756948.75	4.39E+00	372144.43	3756948.75	4.29E-01	372144.43	3756948.75	4.29E-01	372144.43	3756948.75	1.22E+01
372152.01	3757362.33	4.12E+00	372152.01	3757362.33	1.46E+01	372152.01	3757362.33	6.04E+00	372152.01	3757362.33	7.05E-01	372152.01	3757362.33	7.05E-01	372152.01	3757362.33	2.11E+01
372153.80	3757418.83	7.75E+00	372153.80	3757418.83	1.92E+01	372153.80	3757418.83	8.45E+00	372153.80	3757418.83	9.48E-01	372153.80	3757418.83	9.48E-01	372153.80	3757418.83	4.19E+01
372154.47	3757439.86	9.84E+00	372154.47	3757439.86	1.90E+01	372154.47	3757439.86	8.39E+00	372154.47	3757439.86	9.69E-01	372154.47	3757439.86	9.69E-01	372154.47	3757439.86	4.13E+01
372156.97	3757518.41	2.28E+01	372156.97	3757518.41	1.64E+01	372156.97	3757518.41	7.34E+00	372156.97	3757518.41	9.83E-01	372156.97	3757518.41	9.83E-01	372156.97	3757518.41	1.82E+01
372159.47	3757596.96	3.04E+01	372159.47	3757596.96	1.39E+01	372159.47	3757596.96	6.35E+00	372159.47	3757596.96	1.05E+00	372159.47	3757596.96	1.05E+00	372159.47	3757596.96	1.34E+01
372161.97	3757675.51	6.18E+01	372161.97	3757675.51	1.04E+01	372161.97	3757675.51	4.84E+00	372161.97	3757675.51	8.97E-01	372161.97	3757675.51	8.97E-01	372161.97	3757675.51	1.22E+01
372164.46	3757754.06	5.81E+01	372164.46	3757754.06	1.15E+01	372164.46	3757754.06	4.85E+00	372164.46	3757754.06	5.76E-01	372164.46	3757754.06	5.76E-01	372164.46	3757754.06	9.57E+00
372232.73	3755391.79	2.54E+00	372232.73	3755391.79	7.71E+00	372232.73	3755391.79	2.85E+00	372232.73	3755391.79	1.57E-01	372232.73	3755391.79	1.57E-01	372232.73	3755391.79	3.44E+00
372242.87	3756947.24	3.32E+00	372242.87	3756947.24	1.09E+01	372242.87	3756947.24	4.09E+00	372242.87	3756947.24	4.04E-01	372242.87	3756947.24	4.04E-01	372242.87	3756947.24	1.41E+01
372332.18	3755388.15	2.46E+00	372332.18	3755388.15	7.45E+00	372332.18	3755388.15	2.75E+00	372332.18	3755388.15	1.52E-01	372332.18	3755388.15	1.52E-01	372332.18	3755388.15	5.17E+00
372341.31	3756945.73	3.08E+00	372341.31	3756945.73	1.02E+01	372341.31	3756945.73	3.84E+00	372341.31	3756945.73	3.26E-01	372341.31	3756945.73	3.26E-01	372341.31	3756945.73	1.85E+01
372410.73	3755381.99	2.38E+00	372410.73	3755381.99	7.21E+00	372410.73	3755381.99	2.65E+00	372410.73	3755381.99	1.47E-01	372410.73	3755381.99	1.47E-01	372410.73	3755381.99	5.74E+00
372439.76	3756944.21	2.91E+00	372439.76	3756944.21	9.56E+00	372439.76	3756944.21	3.62E+00	372439.76	3756944.21	4.38E-01	372439.76	3756944.21	4.38E-01	372439.76	3756944.21	2.31E+01

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M
372489.28	3755375.83	2.29E+00	372489.28	3755375.83	6.92E+00	372489.28	3755375.83	2.54E+00	372489.28	3755375.83	1.41E-01	372489.28	3755375.83	1.41E-01	372489.28	3755375.83	5.15E+00
372538.20	3756942.70	2.76E+00	372538.20	3756942.70	9.01E+00	372538.20	3756942.70	3.42E+00	372538.20	3756942.70	5.43E-01	372538.20	3756942.70	5.43E-01	372538.20	3756942.70	2.85E+01
372567.83	3755369.67	2.18E+00	372567.83	3755369.67	6.58E+00	372567.83	3755369.67	2.41E+00	372567.83	3755369.67	1.34E-01	372567.83	3755369.67	1.34E-01	372567.83	3755369.67	4.55E+00
372621.24	3755369.96	2.09E+00	372621.24	3755369.96	6.33E+00	372621.24	3755369.96	2.32E+00	372621.24	3755369.96	1.29E-01	372621.24	3755369.96	1.29E-01	372621.24	3755369.96	5.38E+00
372627.96	3756505.77	2.37E+00	372627.96	3756505.77	7.21E+00	372627.96	3756505.77	2.66E+00	372627.96	3756505.77	1.90E-01	372627.96	3756505.77	1.90E-01	372627.96	3756505.77	9.65E+00
372628.35	3756589.05	2.59E+00	372628.35	3756589.05	7.86E+00	372628.35	3756589.05	2.90E+00	372628.35	3756589.05	2.11E-01	372628.35	3756589.05	2.11E-01	372628.35	3756589.05	1.78E+01
372630.81	3757026.03	2.82E+00	372630.81	3757026.03	1.00E+01	372630.81	3757026.03	3.86E+00	372630.81	3757026.03	5.38E-01	372630.81	3757026.03	5.38E-01	372630.81	3757026.03	3.55E+01
372632.23	3757120.50	3.01E+00	372632.23	3757120.50	1.14E+01	372632.23	3757120.50	4.48E+00	372632.23	3757120.50	7.89E-01	372632.23	3757120.50	7.89E-01	372632.23	3757120.50	3.52E+01
372632.53	3756752.34	2.84E+00	372632.53	3756752.34	8.59E+00	372632.53	3756752.34	3.16E+00	372632.53	3756752.34	2.71E-01	372632.53	3756752.34	2.71E-01	372632.53	3756752.34	2.96E+01
372634.59	3756846.76	2.72E+00	372634.59	3756846.76	8.24E+00	372634.59	3756846.76	3.03E+00	372634.59	3756846.76	3.25E-01	372634.59	3756846.76	3.25E-01	372634.59	3756846.76	3.23E+01
372634.70	3757211.58	3.03E+00	372634.70	3757211.58	1.15E+01	372634.70	3757211.58	4.65E+00	372634.70	3757211.58	1.25E+00	372634.70	3757211.58	1.25E+00	372634.70	3757211.58	3.69E+01
372636.64	3756941.19	2.63E+00	372636.64	3756941.19	8.59E+00	372636.64	3756941.19	3.29E+00	372636.64	3756941.19	4.05E-01	372636.64	3756941.19	4.05E-01	372636.64	3756941.19	3.56E+01
372650.02	3757248.61	2.96E+00	372650.02	3757248.61	1.14E+01	372650.02	3757248.61	5.16E+00	372650.02	3757248.61	1.41E+00	372650.02	3757248.61	1.41E+00	372650.02	3757248.61	3.78E+01
372671.90	3757332.14	2.77E+00	372671.90	3757332.14	1.73E+01	372671.90	3757332.14	7.99E+00	372671.90	3757332.14	2.25E+00	372671.90	3757332.14	2.25E+00	372671.90	3757332.14	3.19E+01
372672.36	3756975.42	2.57E+00	372672.36	3756975.42	9.04E+00	372672.36	3756975.42	3.48E+00	372672.36	3756975.42	4.05E-01	372672.36	3756975.42	4.05E-01	372672.36	3756975.42	3.99E+01
372672.57	3757018.04	2.71E+00	372672.57	3757018.04	9.74E+00	372672.57	3757018.04	3.78E+00	372672.57	3757018.04	4.58E-01	372672.57	3757018.04	4.58E-01	372672.57	3757018.04	4.06E+01
372692.63	3756588.53	2.51E+00	372692.63	3756588.53	7.61E+00	372692.63	3756588.53	2.81E+00	372692.63	3756588.53	1.92E-01	372692.63	3756588.53	1.92E-01	372692.63	3756588.53	1.61E+01
372694.60	3756751.91	2.74E+00	372694.60	3756751.91	8.31E+00	372694.60	3756751.91	3.06E+00	372694.60	3756751.91	2.38E-01	372694.60	3756751.91	2.38E-01	372694.60	3756751.91	3.21E+01
372697.78	3755368.97	1.96E+00	372697.78	3755368.97	5.92E+00	372697.78	3755368.97	2.17E+00	372697.78	3755368.97	1.21E-01	372697.78	3755368.97	1.21E-01	372697.78	3755368.97	5.79E+00
372704.41	3757417.13	7.74E+00	372704.41	3757417.13	4.57E+01	372704.41	3757417.13	2.11E+01	372704.41	3757417.13	6.19E+00	372704.41	3757417.13	6.19E+00	372704.41	3757417.13	1.53E+01
372725.34	3756505.44	2.29E+00	372725.34	3756505.44	6.95E+00	372725.34	3756505.44	2.57E+00	372725.34	3756505.44	1.67E-01	372725.34	3756505.44	1.67E-01	372725.34	3756505.44	2.25E+01
372730.58	3756678.55	2.65E+00	372730.58	3756678.55	8.03E+00	372730.58	3756678.55	2.96E+00	372730.58	3756678.55	2.01E-01	372730.58	3756678.55	2.01E-01	372730.58	3756678.55	2.07E+01
372739.22	3757507.15	5.13E+00	372739.22	3757507.15	3.65E+01	372739.22	3757507.15	1.68E+01	372739.22	3757507.15	4.84E+00	372739.22	3757507.15	4.84E+00	372739.22	3757507.15	1.26E+01
372756.67	3756751.48	2.66E+00	372756.67	3756751.48	8.04E+00	372756.67	3756751.48	2.96E+00	372756.67	3756751.48	2.33E-01	372756.67	3756751.48	2.33E-01	372756.67	3756751.48	2.81E+01
372768.35	3756973.59	2.44E+00	372768.35	3756973.59	8.77E+00	372768.35	3756973.59	3.41E+00	372768.35	3756973.59	3.73E-01	372768.35	3756973.59	3.73E-01	372768.35	3756973.59	5.61E+01
372770.71	3757656.89	5.72E+00	372770.71	3757656.89	9.53E+00	372770.71	3757656.89	3.35E+00	372770.71	3757656.89	9.62E-01	372770.71	3757656.89	9.62E-01	372770.71	3757656.89	9.16E+00
372773.23	3757598.18	4.44E+00	372773.23	3757598.18	1.74E+01	372773.23	3757598.18	4.71E+00	372773.23	3757598.18	1.26E+00	372773.23	3757598.18	1.26E+00	372773.23	3757598.18	1.00E+01
372774.32	3755367.98	1.89E+00	372774.32	3755367.98	5.75E+00	372774.32	3755367.98	2.13E+00	372774.32	3755367.98	1.17E-01	372774.32	3755367.98	1.17E-01	372774.32	3755367.98	5.08E+00
372774.75	3757745.62	6.91E+00	372774.75	3757745.62	7.18E+00	372774.75	3757745.62	2.64E+00	372774.75	3757745.62	7.14E-01	372774.75	3757745.62	7.14E-01	372774.75	3757745.62	8.24E+00
372784.40	3757635.25	5.16E+00	372784.40	3757635.25	1.10E+01	372784.40	3757635.25	3.45E+00	372784.40	3757635.25	9.52E-01	372784.40	3757635.25	9.52E-01	372784.40	3757635.25	1.02E+01
372822.71	3756505.12	2.21E+00	372822.71	3756505.12	6.71E+00	372822.71	3756505.12	2.47E+00	372822.71	3756505.12	1.57E-01	372822.71	3756505.12	1.57E-01	372822.71	3756505.12	2.41E+01
372839.80	3757745.93	6.23E+00	372839.80	3757745.93	6.96E+00	372839.80	3757745.93	2.56E+00	372839.80	3757745.93	5.58E-01	372839.80	3757745.93	5.58E-01	372839.80	3757745.93	8.47E+00
372850.87	3755366.99	1.89E+00	372850.87	3755366.99	5.73E+00	372850.87	3755366.99	2.12E+00	372850.87	3755366.99	1.16E-01	372850.87	3755366.99	1.16E-01	372850.87	3755366.99	3.61E+00
372864.35	3756971.76	2.33E+00	372864.35	3756971.76	8.65E+00	372864.35	3756971.76	3.42E+00	372864.35	3756971.76	3.95E-01	372864.35	3756971.76	3.95E-01	372864.35	3756971.76	1.06E+02
372904.85	3757746.24	5.67E+00	372904.85	3757746.24	6.72E+00	372904.85	3757746.24	2.51E+00	372904.85	3757746.24	5.24E-01	372904.85	3757746.24	5.24E-01	372904.85	3757746.24	8.26E+00
372910.27	3757732.13	5.57E+00	372910.27	3757732.13	6.68E+00	372910.27	3757732.13	2.62E+00	372910.27	3757732.13	5.82E-01	372910.27	3757732.13	5.82E-01	372910.27	3757732.13	8.29E+00
372919.43	3756436.58	2.04E+00	372919.43	3756436.58	6.18E+00	372919.43	3756436.58	2.29E+00	372919.43	3756436.58	1.44E-01	372919.43	3756436.58	1.44E-01	372919.43	3756436.58	1.44E+01
372920.09	3756504.79	2.14E+00	372920.09	3756504.79	6.47E+00	372920.09	3756504.79	2.39E+00	372920.09	3756504.79	1.59E-01	372920.09	3756504.79	1.59E-01	372920.09	3756504.79	1.74E+01
372927.41	3755366.00	1.87E+00	372927.41	3755366.00	5.66E+00	372927.41	3755366.00	2.09E+00	372927.41	3755366.00	1.15E-01	372927.41	3755366.00	1.15E-01	372927.41	3755366.00	2.09E+00
372927.86	3755465.33	1.92E+00	372927.86	3755465.33	5.81E+00	372927.86	3755465.33	2.14E+00	372927.86	3755465.33	1.18E-01	372927.86	3755465.33	1.18E-01	372927.86	3755465.33	2.35E+00
372928.32	3755564.67	1.99E+00	372928.32	3755564.67	6.04E+00	372928.32	3755564.67	2.23E+00	372928.32	3755564.67	1.23E-01	372928.32	3755564.67	1.23E-01	372928.32	3755564.67	2.65E+00
372928.77	3755664.00	2.08E+00	372928.77	3755664.00	6.30E+00	372928.77	3755664.00	2.32E+00	372928.77	3755664.00	1.28E-01	372928.77	3755664.00	1.28E-01	372928.77	3755664.00	3.01E+00
372929.23	3755763.34	2.08E+00	372929.23	3755763.34	6.31E+00	372929.23	3755763.34	2.32E+00	372929.23	3755763.34	1.29E-01	372929.23	3755763.34	1.29E-01	372929.23	3755763.34	3.44E+00

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Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
372947.75	3756971.61	2.25E+00	372947.75	3756971.61	9.04E+00	372947.75	3756971.61	3.68E+00	372947.75	3756971.61	4.74E-01	372947.75	3756971.61	4.74E-01	372947.75	3756971.61	2.07E+02
372992.82	3755761.76	2.00E+00	372992.82	3755761.76	6.05E+00	372992.82	3755761.76	2.22E+00	372992.82	3755761.76	1.23E-01	372992.82	3755761.76	1.23E-01	372992.82	3755761.76	2.84E+00
372995.87	3757731.75	4.99E+00	372995.87	3757731.75	8.23E+00	372995.87	3757731.75	3.08E+00	372995.87	3757731.75	7.45E-01	372995.87	3757731.75	7.45E-01	372995.87	3757731.75	8.70E+00
373004.43	3756435.35	1.93E+00	373004.43	3756435.35	5.92E+00	373004.43	3756435.35	2.21E+00	373004.43	3756435.35	1.28E-01	373004.43	3756435.35	1.28E-01	373004.43	3756435.35	7.09E+00
373031.15	3756971.45	2.17E+00	373031.15	3756971.45	7.76E+00	373031.15	3756971.45	3.06E+00	373031.15	3756971.45	4.17E-01	373031.15	3756971.45	4.17E-01	373031.15	3756971.45	9.93E+01
373056.40	3755760.18	1.93E+00	373056.40	3755760.18	5.85E+00	373056.40	3755760.18	2.15E+00	373056.40	3755760.18	1.19E-01	373056.40	3755760.18	1.19E-01	373056.40	3755760.18	2.67E+00
373057.59	3755829.92	1.84E+00	373057.59	3755829.92	5.57E+00	373057.59	3755829.92	2.06E+00	373057.59	3755829.92	1.14E-01	373057.59	3755829.92	1.14E-01	373057.59	3755829.92	2.84E+00
373058.79	3755899.65	2.04E+00	373058.79	3755899.65	6.20E+00	373058.79	3755899.65	2.29E+00	373058.79	3755899.65	1.26E-01	373058.79	3755899.65	1.26E-01	373058.79	3755899.65	3.01E+00
373077.68	3757731.38	4.59E+00	373077.68	3757731.38	8.97E+00	373077.68	3757731.38	3.30E+00	373077.68	3757731.38	7.71E-01	373077.68	3757731.38	7.71E-01	373077.68	3757731.38	6.69E+00
373089.44	3756434.13	1.87E+00	373089.44	3756434.13	5.68E+00	373089.44	3756434.13	2.12E+00	373089.44	3756434.13	1.39E-01	373089.44	3756434.13	1.39E-01	373089.44	3756434.13	7.43E+00
373118.11	3756991.19	2.07E+00	373118.11	3756991.19	7.36E+00	373118.11	3756991.19	2.88E+00	373118.11	3756991.19	3.44E-01	373118.11	3756991.19	3.44E-01	373118.11	3756991.19	4.70E+01
373137.84	3755759.39	1.82E+00	373137.84	3755759.39	5.52E+00	373137.84	3755759.39	2.02E+00	373137.84	3755759.39	1.13E-01	373137.84	3755759.39	1.13E-01	373137.84	3755759.39	2.57E+00
373138.33	3755829.37	1.84E+00	373138.33	3755829.37	5.58E+00	373138.33	3755829.37	2.07E+00	373138.33	3755829.37	1.14E-01	373138.33	3755829.37	1.14E-01	373138.33	3755829.37	2.69E+00
373138.82	3755899.35	2.03E+00	373138.82	3755899.35	6.17E+00	373138.82	3755899.35	2.28E+00	373138.82	3755899.35	1.25E-01	373138.82	3755899.35	1.25E-01	373138.82	3755899.35	2.79E+00
373159.49	3757731.01	4.24E+00	373159.49	3757731.01	1.41E+01	373159.49	3757731.01	4.85E+00	373159.49	3757731.01	1.01E+00	373159.49	3757731.01	1.01E+00	373159.49	3757731.01	5.79E+00
373174.45	3756432.91	1.81E+00	373174.45	3756432.91	5.49E+00	373174.45	3756432.91	2.05E+00	373174.45	3756432.91	1.32E-01	373174.45	3756432.91	1.32E-01	373174.45	3756432.91	7.29E+00
373179.17	3757023.66	2.02E+00	373179.17	3757023.66	7.50E+00	373179.17	3757023.66	2.93E+00	373179.17	3757023.66	3.22E-01	373179.17	3757023.66	3.22E-01	373179.17	3757023.66	2.54E+01
373213.14	3755758.34	1.74E+00	373213.14	3755758.34	5.27E+00	373213.14	3755758.34	1.93E+00	373213.14	3755758.34	1.08E-01	373213.14	3755758.34	1.08E-01	373213.14	3755758.34	2.54E+00
373236.62	3757073.64	2.08E+00	373236.62	3757073.64	7.81E+00	373236.62	3757073.64	3.07E+00	373236.62	3757073.64	3.34E-01	373236.62	3757073.64	3.34E-01	373236.62	3757073.64	1.45E+01
373241.30	3757730.64	3.99E+00	373241.30	3757730.64	1.49E+01	373241.30	3757730.64	5.13E+00	373241.30	3757730.64	1.01E+00	373241.30	3757730.64	1.01E+00	373241.30	3757730.64	5.89E+00
373259.45	3756431.68	1.76E+00	373259.45	3756431.68	5.33E+00	373259.45	3756431.68	1.97E+00	373259.45	3756431.68	1.43E-01	373259.45	3756431.68	1.43E-01	373259.45	3756431.68	5.54E+00
373288.44	3755757.29	1.66E+00	373288.44	3755757.29	5.06E+00	373288.44	3755757.29	1.87E+00	373288.44	3755757.29	1.03E-01	373288.44	3755757.29	1.03E-01	373288.44	3755757.29	2.83E+00
373303.06	3757072.90	2.01E+00	373303.06	3757072.90	7.28E+00	373303.06	3757072.90	2.83E+00	373303.06	3757072.90	3.20E-01	373303.06	3757072.90	3.20E-01	373303.06	3757072.90	1.18E+01
373317.14	3756432.03	1.73E+00	373317.14	3756432.03	5.24E+00	373317.14	3756432.03	1.93E+00	373317.14	3756432.03	1.53E-01	373317.14	3756432.03	1.53E-01	373317.14	3756432.03	8.34E+00
373323.11	3757730.27	3.74E+00	373323.11	3757730.27	1.05E+01	373323.11	3757730.27	3.96E+00	373323.11	3757730.27	7.02E-01	373323.11	3757730.27	7.02E-01	373323.11	3757730.27	5.23E+00
373323.28	3757744.87	3.78E+00	373323.28	3757744.87	1.05E+01	373323.28	3757744.87	3.63E+00	373323.28	3757744.87	7.09E-01	373323.28	3757744.87	7.09E-01	373323.28	3757744.87	5.22E+00
373363.74	3755756.24	1.66E+00	373363.74	3755756.24	5.03E+00	373363.74	3755756.24	1.86E+00	373363.74	3755756.24	1.02E-01	373363.74	3755756.24	1.02E-01	373363.74	3755756.24	2.44E+00
373365.13	3755845.96	1.88E+00	373365.13	3755845.96	5.70E+00	373365.13	3755845.96	2.11E+00	373365.13	3755845.96	1.16E-01	373365.13	3755845.96	1.16E-01	373365.13	3755845.96	2.71E+00
373366.53	3755935.69	2.03E+00	373366.53	3755935.69	6.14E+00	373366.53	3755935.69	2.27E+00	373366.53	3755935.69	1.25E-01	373366.53	3755935.69	1.25E-01	373366.53	3755935.69	3.32E+00
373367.92	3756025.41	2.11E+00	373367.92	3756025.41	6.38E+00	373367.92	3756025.41	2.35E+00	373367.92	3756025.41	1.30E-01	373367.92	3756025.41	1.30E-01	373367.92	3756025.41	3.67E+00
373369.31	3756115.13	2.10E+00	373369.31	3756115.13	6.35E+00	373369.31	3756115.13	2.33E+00	373369.31	3756115.13	1.29E-01	373369.31	3756115.13	1.29E-01	373369.31	3756115.13	3.52E+00
373369.50	3757072.16	1.95E+00	373369.50	3757072.16	6.85E+00	373369.50	3757072.16	2.64E+00	373369.50	3757072.16	3.04E-01	373369.50	3757072.16	3.04E-01	373369.50	3757072.16	9.87E+00
373370.37	3757159.75	2.12E+00	373370.37	3757159.75	8.46E+00	373370.37	3757159.75	3.34E+00	373370.37	3757159.75	3.63E-01	373370.37	3757159.75	3.63E-01	373370.37	3757159.75	7.21E+00
373370.71	3756204.86	1.99E+00	373370.71	3756204.86	6.02E+00	373370.71	3756204.86	2.21E+00	373370.71	3756204.86	1.23E-01	373370.71	3756204.86	1.23E-01	373370.71	3756204.86	3.26E+00
373371.24	3757247.34	2.25E+00	373371.24	3757247.34	1.15E+01	373371.24	3757247.34	4.55E+00	373371.24	3757247.34	4.28E-01	373371.24	3757247.34	4.28E-01	373371.24	3757247.34	7.02E+00
373372.10	3756294.58	1.82E+00	373372.10	3756294.58	5.50E+00	373372.10	3756294.58	2.02E+00	373372.10	3756294.58	1.29E-01	373372.10	3756294.58	1.29E-01	373372.10	3756294.58	5.26E+00
373372.12	3757334.94	2.41E+00	373372.12	3757334.94	1.58E+01	373372.12	3757334.94	5.95E+00	373372.12	3757334.94	8.01E-01	373372.12	3757334.94	8.01E-01	373372.12	3757334.94	6.74E+00
373372.99	3757422.53	2.66E+00	373372.99	3757422.53	2.30E+01	373372.99	3757422.53	8.50E+00	373372.99	3757422.53	1.36E+00	373372.99	3757422.53	1.36E+00	373372.99	3757422.53	6.58E+00
373373.72	3756378.86	1.64E+00	373373.72	3756378.86	5.04E+00	373373.72	3756378.86	1.88E+00	373373.72	3756378.86	1.47E-01	373373.72	3756378.86	1.47E-01	373373.72	3756378.86	8.16E+00
373373.86	3757510.12	2.98E+00	373373.86	3757510.12	2.45E+01	373373.86	3757510.12	8.92E+00	373373.86	3757510.12	1.51E+00	373373.86	3757510.12	1.51E+00	373373.86	3757510.12	6.48E+00
373374.73	3757597.71	3.29E+00	373374.73	3757597.71	1.73E+01	373374.73	3757597.71	6.30E+00	373374.73	3757597.71	1.06E+00	373374.73	3757597.71	1.06E+00	373374.73	3757597.71	5.70E+00
373374.83	3756432.37	1.70E+00	373374.83	3756432.37	5.16E+00	373374.83	3756432.37	1.90E+00	373374.83	3756432.37	1.59E-01	373374.83	3756432.37	1.59E-01	373374.83	3756432.37	9.69E+00
373375.60	3757685.31	3.54E+00	373375.60	3757685.31	1.29E+01	373375.60	3757685.31	4.83E+00	373375.60	3757685.31	8.04E-01	373375.60	3757685.31	8.04E-01	373375.60	3757685.31	5.44E+00

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M
373393.43	3757684.85	3.50E+00	373393.43	3757684.85	1.27E+01	373393.43	3757684.85	4.76E+00	373393.43	3757684.85	7.90E-01	373393.43	3757684.85	7.90E-01	373393.43	3757684.85	5.20E+00
373394.30	3757744.19	3.59E+00	373394.30	3757744.19	9.21E+00	373394.30	3757744.19	3.56E+00	373394.30	3757744.19	5.74E-01	373394.30	3757744.19	5.74E-01	373394.30	3757744.19	5.18E+00
367047.63	3761097.01	8.52E-01	367047.63	3761097.01	2.58E+00	367047.63	3761097.01	9.57E-01	367047.63	3761097.01	5.28E-02	367047.63	3761097.01	5.28E-02	367047.63	3761097.01	5.97E-01
370737.54	3762942.92	6.25E-01	370737.54	3762942.92	1.95E+00	370737.54	3762942.92	7.19E-01	370737.54	3762942.92	4.05E-02	370737.54	3762942.92	4.05E-02	370737.54	3762942.92	2.66E-01
371031.93	3758057.86	3.47E+00	371031.93	3758057.86	1.07E+01	371031.93	3758057.86	4.01E+00	371031.93	3758057.86	5.03E-01	371031.93	3758057.86	5.03E-01	371031.93	3758057.86	5.37E+00
371034.38	3758338.88	2.94E+00	371034.38	3758338.88	9.27E+00	371034.38	3758338.88	3.44E+00	371034.38	3758338.88	1.93E-01	371034.38	3758338.88	1.93E-01	371034.38	3758338.88	5.04E+00
371091.65	3754274.94	1.94E+00	371091.65	3754274.94	5.90E+00	371091.65	3754274.94	2.19E+00	371091.65	3754274.94	1.20E-01	371091.65	3754274.94	1.20E-01	371091.65	3754274.94	1.88E+00
371165.78	3758547.83	2.89E+00	371165.78	3758547.83	9.12E+00	371165.78	3758547.83	3.37E+00	371165.78	3758547.83	1.99E-01	371165.78	3758547.83	1.99E-01	371165.78	3758547.83	1.06E+01
372241.00	3757383.00	9.54E+00	372241.00	3757383.00	1.59E+01	372241.00	3757383.00	6.76E+00	372241.00	3757383.00	9.50E-01	372241.00	3757383.00	9.50E-01	372241.00	3757383.00	3.26E+01
372703.01	3761799.64	1.14E+00	372703.01	3761799.64	3.81E+00	372703.01	3761799.64	1.41E+00	372703.01	3761799.64	8.33E-02	372703.01	3761799.64	8.33E-02	372703.01	3761799.64	1.62E+00
374194.97	3754806.86	1.20E+00	374194.97	3754806.86	3.62E+00	374194.97	3754806.86	1.33E+00	374194.97	3754806.86	7.36E-02	374194.97	3754806.86	7.36E-02	374194.97	3754806.86	1.01E+00
374697.43	3760305.50	1.35E+00	374697.43	3760305.50	4.18E+00	374697.43	3760305.50	1.58E+00	374697.43	3760305.50	1.16E-01	374697.43	3760305.50	1.16E-01	374697.43	3760305.50	1.65E+00
375423.74	3758805.14	1.44E+00	375423.74	3758805.14	4.75E+00	375423.74	3758805.14	1.78E+00	375423.74	3758805.14	1.02E-01	375423.74	3758805.14	1.02E-01	375423.74	3758805.14	4.19E+00
375433.42	3757541.59	1.42E+00	375433.42	3757541.59	4.88E+00	375433.42	3757541.59	1.82E+00	375433.42	3757541.59	1.96E-01	375433.42	3757541.59	1.96E-01	375433.42	3757541.59	1.07E+00
378090.06	3758535.33	1.08E+00	378090.06	3758535.33	3.58E+00	378090.06	3758535.33	1.34E+00	378090.06	3758535.33	1.39E-01	378090.06	3758535.33	1.39E-01	378090.06	3758535.33	1.39E+00
368494.88	3756671.28	4.61E+00	368494.88	3756671.28	1.40E+01	368494.88	3756671.28	5.21E+00	368494.88	3756671.28	2.82E-01	368494.88	3756671.28	2.82E-01	368494.88	3756671.28	1.75E+00
370394.80	3756845.73	1.63E+01	370394.80	3756845.73	5.60E+01	370394.80	3756845.73	2.03E+01	370394.80	3756845.73	1.28E+00	370394.80	3756845.73	1.28E+00	370394.80	3756845.73	3.49E+00
368983.23	3754581.57	2.33E+00	368983.23	3754581.57	7.11E+00	368983.23	3754581.57	2.67E+00	368983.23	3754581.57	1.43E-01	368983.23	3754581.57	1.43E-01	368983.23	3754581.57	1.50E+00
369216.41	3758422.45	3.25E+00	369216.41	3758422.45	1.01E+01	369216.41	3758422.45	3.84E+00	369216.41	3758422.45	2.05E-01	369216.41	3758422.45	2.05E-01	369216.41	3758422.45	3.15E+00
369532.57	3755391.67	4.37E+00	369532.57	3755391.67	1.40E+01	369532.57	3755391.67	5.35E+00	369532.57	3755391.67	2.84E-01	369532.57	3755391.67	2.84E-01	369532.57	3755391.67	7.10E+00
369574.04	3758166.39	4.25E+00	369574.04	3758166.39	1.31E+01	369574.04	3758166.39	4.95E+00	369574.04	3758166.39	2.63E-01	369574.04	3758166.39	2.63E-01	369574.04	3758166.39	3.88E+00
369581.37	3758516.07	3.69E+00	369581.37	3758516.07	1.14E+01	369581.37	3758516.07	4.33E+00	369581.37	3758516.07	2.28E-01	369581.37	3758516.07	2.28E-01	369581.37	3758516.07	5.68E+00
369830.08	3755394.84	4.14E+00	369830.08	3755394.84	1.28E+01	369830.08	3755394.84	4.90E+00	369830.08	3755394.84	2.55E-01	369830.08	3755394.84	2.55E-01	369830.08	3755394.84	3.13E+00
370114.12	3758186.53	4.82E+00	370114.12	3758186.53	1.48E+01	370114.12	3758186.53	5.61E+00	370114.12	3758186.53	2.99E-01	370114.12	3758186.53	2.99E-01	370114.12	3758186.53	5.27E+00
371021.69	3757820.60	4.48E+00	371021.69	3757820.60	1.38E+01	371021.69	3757820.60	5.19E+00	371021.69	3757820.60	5.42E-01	371021.69	3757820.60	5.42E-01	371021.69	3757820.60	9.20E+00
366809.77	3757837.27	1.85E+00	366809.77	3757837.27	5.59E+00	366809.77	3757837.27	2.07E+00	366809.77	3757837.27	1.13E-01	366809.77	3757837.27	1.13E-01	366809.77	3757837.27	1.18E+00
366843.26	3757860.52	1.84E+00	366843.26	3757860.52	5.56E+00	366843.26	3757860.52	2.05E+00	366843.26	3757860.52	1.13E-01	366843.26	3757860.52	1.13E-01	366843.26	3757860.52	1.22E+00
366900.00	3758500.00	1.62E+00	366900.00	3758500.00	4.92E+00	366900.00	3758500.00	1.83E+00	366900.00	3758500.00	9.94E-02	366900.00	3758500.00	9.94E-02	366900.00	3758500.00	1.31E+00
366900.00	3762500.00	6.56E-01	366900.00	3762500.00	1.98E+00	366900.00	3762500.00	7.33E-01	366900.00	3762500.00	4.01E-02	366900.00	3762500.00	4.01E-02	366900.00	3762500.00	3.24E-01
366900.00	3763500.00	5.04E-01	366900.00	3763500.00	1.53E+00	366900.00	3763500.00	5.60E-01	366900.00	3763500.00	3.17E-02	366900.00	3763500.00	3.17E-02	366900.00	3763500.00	2.32E-01
366900.00	3764500.00	6.81E-01	366900.00	3764500.00	2.12E+00	366900.00	3764500.00	7.90E-01	366900.00	3764500.00	4.37E-02	366900.00	3764500.00	4.37E-02	366900.00	3764500.00	4.88E-01
366982.41	3757958.65	1.80E+00	366982.41	3757958.65	5.44E+00	366982.41	3757958.65	2.02E+00	366982.41	3757958.65	1.10E-01	366982.41	3757958.65	1.10E-01	366982.41	3757958.65	1.39E+00
367163.97	3758028.80	1.90E+00	367163.97	3758028.80	5.75E+00	367163.97	3758028.80	2.13E+00	367163.97	3758028.80	1.23E-01	367163.97	3758028.80	1.23E-01	367163.97	3758028.80	2.49E+00
367275.38	3757999.92	1.96E+00	367275.38	3757999.92	5.94E+00	367275.38	3757999.92	2.20E+00	367275.38	3757999.92	1.20E-01	367275.38	3757999.92	1.20E-01	367275.38	3757999.92	2.33E+00
367395.04	3758065.94	1.93E+00	367395.04	3758065.94	5.82E+00	367395.04	3758065.94	2.15E+00	367395.04	3758065.94	1.18E-01	367395.04	3758065.94	1.18E-01	367395.04	3758065.94	1.66E+00
367880.40	3758145.84	3.80E+00	367880.40	3758145.84	1.19E+01	367880.40	3758145.84	4.49E+00	367880.40	3758145.84	2.44E-01	367880.40	3758145.84	2.44E-01	367880.40	3758145.84	2.20E+00
367900.00	3761500.00	8.10E-01	367900.00	3761500.00	2.46E+00	367900.00	3761500.00	9.16E-01	367900.00	3761500.00	4.97E-02	367900.00	3761500.00	4.97E-02	367900.00	3761500.00	4.84E-01
367900.00	3762500.00	8.31E-01	367900.00	3762500.00	2.51E+00	367900.00	3762500.00	9.28E-01	367900.00	3762500.00	5.08E-02	367900.00	3762500.00	5.08E-02	367900.00	3762500.00	2.92E-01
367900.00	3764500.00	4.55E-01	367900.00	3764500.00	1.43E+00	367900.00	3764500.00	5.28E-01	367900.00	3764500.00	2.97E-02	367900.00	3764500.00	2.97E-02	367900.00	3764500.00	2.28E-01
368068.97	3758068.94	4.55E+00	368068.97	3758068.94	1.44E+01	368068.97	3758068.94	5.43E+00	368068.97	3758068.94	2.95E-01	368068.97	3758068.94	2.95E-01	368068.97	3758068.94	3.18E+00
368182.48	3758015.85	4.17E+00	368182.48	3758015.85	1.29E+01	368182.48	3758015.85	4.89E+00	368182.48	3758015.85	2.58E-01	368182.48	3758015.85	2.58E-01	368182.48	3758015.85	2.80E+00
368416.83	3757988.39	4.59E+00	368416.83	3757988.39	1.48E+01	368416.83	3757988.39	5.52E+00	368416.83	3757988.39	3.07E-01	368416.83	3757988.39	3.07E-01	368416.83	3757988.39	4.28E+00
368577.94	3757979.23	4.85E+00	368577.94	3757979.23	1.48E+01	368577.94	3757979.23	5.61E+00	368577.94	3757979.23	2.97E-01	368577.94	3757979.23	2.97E-01	368577.94	3757979.23	2.70E+00



LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
372241.00	3757883.00	1.74E+01	372241.00	3757883.00	1.08E+01	372241.00	3757883.00	4.49E+00	372241.00	3757883.00	6.10E-01	372241.00	3757883.00	6.10E-01	372241.00	3757883.00	3.79E+00
372241.00	3757983.00	5.89E+00	372241.00	3757983.00	1.14E+01	372241.00	3757983.00	4.70E+00	372241.00	3757983.00	6.76E-01	372241.00	3757983.00	6.76E-01	372241.00	3757983.00	4.06E+00
372341.00	3757883.00	1.73E+01	372341.00	3757883.00	8.76E+00	372341.00	3757883.00	3.60E+00	372341.00	3757883.00	4.43E-01	372341.00	3757883.00	4.43E-01	372341.00	3757883.00	4.65E+00
372341.00	3757983.00	1.04E+01	372341.00	3757983.00	9.94E+00	372341.00	3757983.00	4.08E+00	372341.00	3757983.00	5.52E-01	372341.00	3757983.00	5.52E-01	372341.00	3757983.00	4.16E+00
372900.00	3753500.00	1.11E+00	372900.00	3753500.00	3.38E+00	372900.00	3753500.00	1.25E+00	372900.00	3753500.00	6.84E-02	372900.00	3753500.00	6.84E-02	372900.00	3753500.00	6.45E-01
372900.00	3754500.00	1.44E+00	372900.00	3754500.00	4.39E+00	372900.00	3754500.00	1.62E+00	372900.00	3754500.00	8.96E-02	372900.00	3754500.00	8.96E-02	372900.00	3754500.00	1.08E+00
372900.00	3759500.00	1.52E+00	372900.00	3759500.00	4.61E+00	372900.00	3759500.00	1.70E+00	372900.00	3759500.00	9.36E-02	372900.00	3759500.00	9.36E-02	372900.00	3759500.00	1.12E+00
372900.00	3760500.00	9.90E-01	372900.00	3760500.00	3.04E+00	372900.00	3760500.00	1.13E+00	372900.00	3760500.00	6.25E-02	372900.00	3760500.00	6.25E-02	372900.00	3760500.00	6.86E-01
372900.00	3761500.00	1.14E+00	372900.00	3761500.00	3.75E+00	372900.00	3761500.00	1.39E+00	372900.00	3761500.00	8.12E-02	372900.00	3761500.00	8.12E-02	372900.00	3761500.00	1.40E+00
372900.00	3762500.00	9.50E-01	372900.00	3762500.00	3.15E+00	372900.00	3762500.00	1.17E+00	372900.00	3762500.00	6.75E-02	372900.00	3762500.00	6.75E-02	372900.00	3762500.00	1.27E+00
373541.00	3757783.00	3.28E+00	373541.00	3757783.00	7.57E+00	373541.00	3757783.00	2.94E+00	373541.00	3757783.00	4.63E-01	373541.00	3757783.00	4.63E-01	373541.00	3757783.00	3.94E+00
373541.00	3757883.00	3.13E+00	373541.00	3757883.00	6.27E+00	373541.00	3757883.00	2.19E+00	373541.00	3757883.00	4.35E-01	373541.00	3757883.00	4.35E-01	373541.00	3757883.00	3.72E+00
373541.00	3757983.00	2.62E+00	373541.00	3757983.00	5.62E+00	373541.00	3757983.00	1.99E+00	373541.00	3757983.00	4.10E-01	373541.00	3757983.00	4.10E-01	373541.00	3757983.00	3.58E+00
373641.00	3756983.00	1.69E+00	373641.00	3756983.00	5.11E+00	373641.00	3756983.00	1.88E+00	373641.00	3756983.00	2.09E-01	373641.00	3756983.00	2.09E-01	373641.00	3756983.00	6.97E+00
373641.00	3757083.00	1.72E+00	373641.00	3757083.00	5.69E+00	373641.00	3757083.00	2.15E+00	373641.00	3757083.00	1.96E-01	373641.00	3757083.00	1.96E-01	373641.00	3757083.00	5.19E+00
373641.00	3757183.00	1.92E+00	373641.00	3757183.00	6.75E+00	373641.00	3757183.00	2.55E+00	373641.00	3757183.00	2.14E-01	373641.00	3757183.00	2.14E-01	373641.00	3757183.00	4.42E+00
373641.00	3757283.00	2.10E+00	373641.00	3757283.00	8.66E+00	373641.00	3757283.00	3.26E+00	373641.00	3757283.00	3.29E-01	373641.00	3757283.00	3.29E-01	373641.00	3757283.00	4.49E+00
373641.00	3757383.00	2.28E+00	373641.00	3757383.00	1.17E+01	373641.00	3757383.00	4.36E+00	373641.00	3757383.00	5.71E-01	373641.00	3757383.00	5.71E-01	373641.00	3757383.00	4.54E+00
373641.00	3757483.00	2.52E+00	373641.00	3757483.00	1.41E+01	373641.00	3757483.00	5.21E+00	373641.00	3757483.00	7.84E-01	373641.00	3757483.00	7.84E-01	373641.00	3757483.00	4.09E+00
373641.00	3757583.00	2.80E+00	373641.00	3757583.00	1.37E+01	373641.00	3757583.00	5.05E+00	373641.00	3757583.00	8.02E-01	373641.00	3757583.00	8.02E-01	373641.00	3757583.00	4.31E+00
373641.00	3757683.00	3.02E+00	373641.00	3757683.00	1.10E+01	373641.00	3757683.00	4.11E+00	373641.00	3757683.00	6.59E-01	373641.00	3757683.00	6.59E-01	373641.00	3757683.00	3.94E+00
373641.00	3757783.00	3.13E+00	373641.00	3757783.00	7.76E+00	373641.00	3757783.00	2.98E+00	373641.00	3757783.00	4.67E-01	373641.00	3757783.00	4.67E-01	373641.00	3757783.00	3.91E+00
373641.00	3757883.00	2.97E+00	373641.00	3757883.00	5.46E+00	373641.00	3757883.00	1.99E+00	373641.00	3757883.00	3.71E-01	373641.00	3757883.00	3.71E-01	373641.00	3757883.00	3.25E+00
373641.00	3757983.00	2.55E+00	373641.00	3757983.00	5.32E+00	373641.00	3757983.00	1.87E+00	373641.00	3757983.00	3.75E-01	373641.00	3757983.00	3.75E-01	373641.00	3757983.00	3.17E+00
373687.89	3757980.08	2.54E+00	373687.89	3757980.08	5.10E+00	373687.89	3757980.08	1.80E+00	373687.89	3757980.08	3.56E-01	373687.89	3757980.08	3.56E-01	373687.89	3757980.08	3.09E+00
373900.00	3753500.00	9.62E-01	373900.00	3753500.00	2.92E+00	373900.00	3753500.00	1.08E+00	373900.00	3753500.00	5.95E-02	373900.00	3753500.00	5.95E-02	373900.00	3753500.00	7.11E-01
373900.00	3754500.00	1.27E+00	373900.00	3754500.00	3.83E+00	373900.00	3754500.00	1.41E+00	373900.00	3754500.00	7.79E-02	373900.00	3754500.00	7.79E-02	373900.00	3754500.00	1.06E+00
373900.00	3755500.00	1.34E+00	373900.00	3755500.00	4.03E+00	373900.00	3755500.00	1.48E+00	373900.00	3755500.00	8.23E-02	373900.00	3755500.00	8.23E-02	373900.00	3755500.00	2.24E+00
373900.00	3756500.00	1.53E+00	373900.00	3756500.00	4.62E+00	373900.00	3756500.00	1.70E+00	373900.00	3756500.00	1.45E-01	373900.00	3756500.00	1.45E-01	373900.00	3756500.00	4.73E+00
373900.00	3757500.00	2.32E+00	373900.00	3757500.00	1.09E+01	373900.00	3757500.00	4.03E+00	373900.00	3757500.00	5.65E-01	373900.00	3757500.00	5.65E-01	373900.00	3757500.00	3.36E+00
373900.00	3758500.00	1.33E+00	373900.00	3758500.00	4.02E+00	373900.00	3758500.00	1.48E+00	373900.00	3758500.00	1.98E-01	373900.00	3758500.00	1.98E-01	373900.00	3758500.00	2.01E+00
373900.00	3760500.00	1.36E+00	373900.00	3760500.00	4.23E+00	373900.00	3760500.00	1.57E+00	373900.00	3760500.00	8.75E-02	373900.00	3760500.00	8.75E-02	373900.00	3760500.00	1.52E+00
373900.00	3761500.00	1.21E+00	373900.00	3761500.00	3.96E+00	373900.00	3761500.00	1.48E+00	373900.00	3761500.00	8.38E-02	373900.00	3761500.00	8.38E-02	373900.00	3761500.00	1.87E+00
373900.00	3764500.00	6.38E-01	373900.00	3764500.00	2.13E+00	373900.00	3764500.00	7.94E-01	373900.00	3764500.00	4.61E-02	373900.00	3764500.00	4.61E-02	373900.00	3764500.00	9.21E-01
374900.00	3754500.00	9.78E-01	374900.00	3754500.00	2.95E+00	374900.00	3754500.00	1.09E+00	374900.00	3754500.00	5.99E-02	374900.00	3754500.00	5.99E-02	374900.00	3754500.00	1.35E+00
374900.00	3755500.00	1.21E+00	374900.00	3755500.00	3.65E+00	374900.00	3755500.00	1.35E+00	374900.00	3755500.00	7.52E-02	374900.00	3755500.00	7.52E-02	374900.00	3755500.00	4.28E+00
374900.00	3756500.00	1.15E+00	374900.00	3756500.00	3.47E+00	374900.00	3756500.00	1.28E+00	374900.00	3756500.00	7.04E-02	374900.00	3756500.00	7.04E-02	374900.00	3756500.00	1.57E+00
374900.00	3757500.00	1.64E+00	374900.00	3757500.00	5.91E+00	374900.00	3757500.00	2.20E+00	374900.00	3757500.00	2.47E-01	374900.00	3757500.00	2.47E-01	374900.00	3757500.00	1.43E+00
374900.00	3759500.00	1.42E+00	374900.00	3759500.00	4.28E+00	374900.00	3759500.00	1.60E+00	374900.00	3759500.00	1.24E-01	374900.00	3759500.00	1.24E-01	374900.00	3759500.00	2.04E+00
374900.00	3760500.00	1.33E+00	374900.00	3760500.00	4.30E+00	374900.00	3760500.00	1.62E+00	374900.00	3760500.00	1.11E-01	374900.00	3760500.00	1.11E-01	374900.00	3760500.00	1.82E+00
374900.00	3761500.00	1.20E+00	374900.00	3761500.00	3.92E+00	374900.00	3761500.00	1.46E+00	374900.00	3761500.00	8.35E-02	374900.00	3761500.00	8.35E-02	374900.00	3761500.00	1.74E+00
374900.00	3762500.00	8.67E-01	374900.00	3762500.00	2.89E+00	374900.00	3762500.00	1.08E+00	374900.00	3762500.00	6.25E-02	374900.00	3762500.00	6.25E-02	374900.00	3762500.00	1.17E+00
374900.00	3763500.00	5.16E-01	374900.00	3763500.00	1.71E+00	374900.00	3763500.00	6.37E-01	374900.00	3763500.00	3.77E-02	374900.00	3763500.00	3.77E-02	374900.00	3763500.00	1.02E+00



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Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
379900.00	3756500.00	8.40E-01	379900.00	3756500.00	2.81E+00	379900.00	3756500.00	1.05E+00	379900.00	3756500.00	6.16E-02	379900.00	3756500.00	6.16E-02	379900.00	3756500.00	5.97E-01
379900.00	3757500.00	6.16E-01	379900.00	3757500.00	2.13E+00	379900.00	3757500.00	8.02E-01	379900.00	3757500.00	4.77E-02	379900.00	3757500.00	4.77E-02	379900.00	3757500.00	9.53E-01
379900.00	3759500.00	5.75E-01	379900.00	3759500.00	1.95E+00	379900.00	3759500.00	7.31E-01	379900.00	3759500.00	4.30E-02	379900.00	3759500.00	4.30E-02	379900.00	3759500.00	6.86E-01
379900.00	3760500.00	5.80E-01	379900.00	3760500.00	1.85E+00	379900.00	3760500.00	6.90E-01	379900.00	3760500.00	3.92E-02	379900.00	3760500.00	3.92E-02	379900.00	3760500.00	5.96E-01
379900.00	3761500.00	5.34E-01	379900.00	3761500.00	1.75E+00	379900.00	3761500.00	6.51E-01	379900.00	3761500.00	3.76E-02	379900.00	3761500.00	3.76E-02	379900.00	3761500.00	5.54E-01
379900.00	3762500.00	5.18E-01	379900.00	3762500.00	1.68E+00	379900.00	3762500.00	6.26E-01	379900.00	3762500.00	5.78E-02	379900.00	3762500.00	5.78E-02	379900.00	3762500.00	5.14E-01
379900.00	3763500.00	8.07E-01	379900.00	3763500.00	2.06E+00	379900.00	3763500.00	7.96E-01	379900.00	3763500.00	7.76E-02	379900.00	3763500.00	7.76E-02	379900.00	3763500.00	5.07E-01
379900.00	3764500.00	4.56E-01	379900.00	3764500.00	1.38E+00	379900.00	3764500.00	5.15E-01	379900.00	3764500.00	3.72E-02	379900.00	3764500.00	3.72E-02	379900.00	3764500.00	5.00E-01
380900.00	3753500.00	5.32E-01	380900.00	3753500.00	1.76E+00	380900.00	3753500.00	6.56E-01	380900.00	3753500.00	3.79E-02	380900.00	3753500.00	3.79E-02	380900.00	3753500.00	7.74E-01
380900.00	3754500.00	6.09E-01	380900.00	3754500.00	2.09E+00	380900.00	3754500.00	7.85E-01	380900.00	3754500.00	4.65E-02	380900.00	3754500.00	4.65E-02	380900.00	3754500.00	5.52E-01
380900.00	3755500.00	5.58E-01	380900.00	3755500.00	1.88E+00	380900.00	3755500.00	7.03E-01	380900.00	3755500.00	4.11E-02	380900.00	3755500.00	4.11E-02	380900.00	3755500.00	8.92E-01
380900.00	3756500.00	6.39E-01	380900.00	3756500.00	2.08E+00	380900.00	3756500.00	7.77E-01	380900.00	3756500.00	4.47E-02	380900.00	3756500.00	4.47E-02	380900.00	3756500.00	5.32E-01
380900.00	3757500.00	5.00E-01	380900.00	3757500.00	1.65E+00	380900.00	3757500.00	6.14E-01	380900.00	3757500.00	3.56E-02	380900.00	3757500.00	3.56E-02	380900.00	3757500.00	6.60E-01
380900.00	3758500.00	8.50E-01	380900.00	3758500.00	2.64E+00	380900.00	3758500.00	1.00E+00	380900.00	3758500.00	1.08E-01	380900.00	3758500.00	1.08E-01	380900.00	3758500.00	5.58E-01
380900.00	3759500.00	5.29E-01	380900.00	3759500.00	1.72E+00	380900.00	3759500.00	6.40E-01	380900.00	3759500.00	3.68E-02	380900.00	3759500.00	3.68E-02	380900.00	3759500.00	5.55E-01
380900.00	3760500.00	5.16E-01	380900.00	3760500.00	1.67E+00	380900.00	3760500.00	6.21E-01	380900.00	3760500.00	3.91E-02	380900.00	3760500.00	3.91E-02	380900.00	3760500.00	5.30E-01
380900.00	3761500.00	4.88E-01	380900.00	3761500.00	1.61E+00	380900.00	3761500.00	6.03E-01	380900.00	3761500.00	3.50E-02	380900.00	3761500.00	3.50E-02	380900.00	3761500.00	5.26E-01
380900.00	3762500.00	5.01E-01	380900.00	3762500.00	1.65E+00	380900.00	3762500.00	6.16E-01	380900.00	3762500.00	3.59E-02	380900.00	3762500.00	3.59E-02	380900.00	3762500.00	5.49E-01
380900.00	3763500.00	5.23E-01	380900.00	3763500.00	1.74E+00	380900.00	3763500.00	6.48E-01	380900.00	3763500.00	6.33E-02	380900.00	3763500.00	6.33E-02	380900.00	3763500.00	5.41E-01
381900.00	3754500.00	4.67E-01	381900.00	3754500.00	1.59E+00	381900.00	3754500.00	5.97E-01	381900.00	3754500.00	3.51E-02	381900.00	3754500.00	3.51E-02	381900.00	3754500.00	5.60E-01
381900.00	3755500.00	4.28E-01	381900.00	3755500.00	1.40E+00	381900.00	3755500.00	5.22E-01	381900.00	3755500.00	3.01E-02	381900.00	3755500.00	3.01E-02	381900.00	3755500.00	5.54E-01
381900.00	3756500.00	4.76E-01	381900.00	3756500.00	1.48E+00	381900.00	3756500.00	5.49E-01	381900.00	3756500.00	3.08E-02	381900.00	3756500.00	3.08E-02	381900.00	3756500.00	3.66E-01
381900.00	3757500.00	4.37E-01	381900.00	3757500.00	1.42E+00	381900.00	3757500.00	5.30E-01	381900.00	3757500.00	3.05E-02	381900.00	3757500.00	3.05E-02	381900.00	3757500.00	5.28E-01
381900.00	3759500.00	5.25E-01	381900.00	3759500.00	1.66E+00	381900.00	3759500.00	6.17E-01	381900.00	3759500.00	4.03E-02	381900.00	3759500.00	4.03E-02	381900.00	3759500.00	5.01E-01
381900.00	3760500.00	4.35E-01	381900.00	3760500.00	1.46E+00	381900.00	3760500.00	5.45E-01	381900.00	3760500.00	3.38E-02	381900.00	3760500.00	3.38E-02	381900.00	3760500.00	4.95E-01
381900.00	3761500.00	5.00E-01	381900.00	3761500.00	1.65E+00	381900.00	3761500.00	6.15E-01	381900.00	3761500.00	3.56E-02	381900.00	3761500.00	3.56E-02	381900.00	3761500.00	5.04E-01
381900.00	3762500.00	4.90E-01	381900.00	3762500.00	1.64E+00	381900.00	3762500.00	6.12E-01	381900.00	3762500.00	3.58E-02	381900.00	3762500.00	3.58E-02	381900.00	3762500.00	5.16E-01
381900.00	3763500.00	4.58E-01	381900.00	3763500.00	1.53E+00	381900.00	3763500.00	5.71E-01	381900.00	3763500.00	3.32E-02	381900.00	3763500.00	3.32E-02	381900.00	3763500.00	1.15E+00
381900.00	3764500.00	5.11E-01	381900.00	3764500.00	1.61E+00	381900.00	3764500.00	6.02E-01	381900.00	3764500.00	6.52E-02	381900.00	3764500.00	6.52E-02	381900.00	3764500.00	4.92E-01
382900.00	3753500.00	3.82E-01	382900.00	3753500.00	1.15E+00	382900.00	3753500.00	4.28E-01	382900.00	3753500.00	2.33E-02	382900.00	3753500.00	2.33E-02	382900.00	3753500.00	2.01E-01
382900.00	3754500.00	2.62E-01	382900.00	3754500.00	8.33E-01	382900.00	3754500.00	3.10E-01	382900.00	3754500.00	1.76E-02	382900.00	3754500.00	1.76E-02	382900.00	3754500.00	3.51E-01
382900.00	3755500.00	2.74E-01	382900.00	3755500.00	8.25E-01	382900.00	3755500.00	3.04E-01	382900.00	3755500.00	1.69E-02	382900.00	3755500.00	1.69E-02	382900.00	3755500.00	2.83E-01
382900.00	3756500.00	3.26E-01	382900.00	3756500.00	9.82E-01	382900.00	3756500.00	3.61E-01	382900.00	3756500.00	1.99E-02	382900.00	3756500.00	1.99E-02	382900.00	3756500.00	2.33E-01
382900.00	3757500.00	3.04E-01	382900.00	3757500.00	9.53E-01	382900.00	3757500.00	3.56E-01	382900.00	3757500.00	2.21E-02	382900.00	3757500.00	2.21E-02	382900.00	3757500.00	3.71E-01
382900.00	3758500.00	6.10E-01	382900.00	3758500.00	1.91E+00	382900.00	3758500.00	7.20E-01	382900.00	3758500.00	7.05E-02	382900.00	3758500.00	7.05E-02	382900.00	3758500.00	3.41E-01
382900.00	3759500.00	4.70E-01	382900.00	3759500.00	1.47E+00	382900.00	3759500.00	5.46E-01	382900.00	3759500.00	5.09E-02	382900.00	3759500.00	5.09E-02	382900.00	3759500.00	4.17E-01
382900.00	3760500.00	3.90E-01	382900.00	3760500.00	1.32E+00	382900.00	3760500.00	4.93E-01	382900.00	3760500.00	2.90E-02	382900.00	3760500.00	2.90E-02	382900.00	3760500.00	4.23E-01
382900.00	3761500.00	4.87E-01	382900.00	3761500.00	1.60E+00	382900.00	3761500.00	5.97E-01	382900.00	3761500.00	3.45E-02	382900.00	3761500.00	3.45E-02	382900.00	3761500.00	4.78E-01
382900.00	3762500.00	4.10E-01	382900.00	3762500.00	1.37E+00	382900.00	3762500.00	5.12E-01	382900.00	3762500.00	2.98E-02	382900.00	3762500.00	2.98E-02	382900.00	3762500.00	4.74E-01
382900.00	3763500.00	4.56E-01	382900.00	3763500.00	1.52E+00	382900.00	3763500.00	5.66E-01	382900.00	3763500.00	3.30E-02	382900.00	3763500.00	3.30E-02	382900.00	3763500.00	4.77E-01
382900.00	3764500.00	4.71E-01	382900.00	3764500.00	1.57E+00	382900.00	3764500.00	5.88E-01	382900.00	3764500.00	3.88E-02	382900.00	3764500.00	3.88E-02	382900.00	3764500.00	1.16E+00
383900.00	3753500.00	3.14E-01	383900.00	3753500.00	9.46E-01	383900.00	3753500.00	3.48E-01	383900.00	3753500.00	1.92E-02	383900.00	3753500.00	1.92E-02	383900.00	3753500.00	1.70E-01
383900.00	3754500.00	2.29E-01	383900.00	3754500.00	7.03E-01	383900.00	3754500.00	2.60E-01	383900.00	3754500.00	1.45E-02	383900.00	3754500.00	1.45E-02	383900.00	3754500.00	1.52E-01













LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001) Without Mitigation (no practical mitigation)			Emissions Source: Diesel Exhaust (G002) Without Mitigation			Emissions Source: Diesel Exhaust (G002) With Mitigation			Emissions Source: Gasoline Exhaust (G003) Without Mitigation			Emissions Source: Gasoline Exhaust (G003) With Mitigation			Emissions Source: Paving Evaporation (G004) Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
372741.00	3757983.00	4.34E+00	372741.00	3757983.00	6.56E+00	372741.00	3757983.00	2.42E+00	372741.00	3757983.00	3.38E-01	372741.00	3757983.00	3.38E-01	372741.00	3757983.00	5.17E+00
372841.00	3757783.00	6.21E+00	372841.00	3757783.00	6.96E+00	372841.00	3757783.00	2.56E+00	372841.00	3757783.00	5.18E-01	372841.00	3757783.00	5.18E-01	372841.00	3757783.00	7.57E+00
372841.00	3757883.00	4.76E+00	372841.00	3757883.00	6.73E+00	372841.00	3757883.00	2.48E+00	372841.00	3757883.00	4.29E-01	372841.00	3757883.00	4.29E-01	372841.00	3757883.00	6.22E+00
372841.00	3757983.00	2.79E+00	372841.00	3757983.00	6.48E+00	372841.00	3757983.00	2.39E+00	372841.00	3757983.00	3.44E-01	372841.00	3757983.00	3.44E-01	372841.00	3757983.00	5.35E+00
372843.75	3756668.92	2.50E+00	372843.75	3756668.92	7.58E+00	372843.75	3756668.92	2.79E+00	372843.75	3756668.92	1.87E-01	372843.75	3756668.92	1.87E-01	372843.75	3756668.92	3.57E+01
372857.79	3756854.91	2.41E+00	372857.79	3756854.91	7.30E+00	372857.79	3756854.91	2.69E+00	372857.79	3756854.91	2.68E-01	372857.79	3756854.91	2.68E-01	372857.79	3756854.91	7.46E+01
372900.00	3758500.00	3.78E+00	372900.00	3758500.00	7.00E+00	372900.00	3758500.00	2.77E+00	372900.00	3758500.00	3.15E-01	372900.00	3758500.00	3.15E-01	372900.00	3758500.00	2.64E+00
372900.00	3763500.00	4.05E-01	372900.00	3763500.00	1.29E+00	372900.00	3763500.00	4.82E-01	372900.00	3763500.00	2.73E-02	372900.00	3763500.00	2.73E-02	372900.00	3763500.00	9.08E-01
372900.00	3764500.00	6.26E-01	372900.00	3764500.00	2.19E+00	372900.00	3764500.00	8.12E-01	372900.00	3764500.00	4.94E-02	372900.00	3764500.00	4.94E-02	372900.00	3764500.00	9.18E-01
372941.00	3757783.00	5.46E+00	372941.00	3757783.00	6.63E+00	372941.00	3757783.00	2.44E+00	372941.00	3757783.00	4.48E-01	372941.00	3757783.00	4.48E-01	372941.00	3757783.00	6.56E+00
372941.00	3757883.00	4.50E+00	372941.00	3757883.00	6.49E+00	372941.00	3757883.00	2.39E+00	372941.00	3757883.00	3.22E-01	372941.00	3757883.00	3.22E-01	372941.00	3757883.00	5.46E+00
372941.00	3757983.00	2.70E+00	372941.00	3757983.00	6.30E+00	372941.00	3757983.00	2.32E+00	372941.00	3757983.00	2.89E-01	372941.00	3757983.00	2.89E-01	372941.00	3757983.00	4.65E+00
373035.50	3755453.68	1.83E+00	373035.50	3755453.68	5.54E+00	373035.50	3755453.68	2.04E+00	373035.50	3755453.68	1.13E-01	373035.50	3755453.68	1.13E-01	373035.50	3755453.68	2.07E+00
373035.50	3755652.82	1.99E+00	373035.50	3755652.82	6.03E+00	373035.50	3755652.82	2.22E+00	373035.50	3755652.82	1.23E-01	373035.50	3755652.82	1.23E-01	373035.50	3755652.82	2.40E+00
373041.00	3757783.00	4.85E+00	373041.00	3757783.00	6.30E+00	373041.00	3757783.00	2.45E+00	373041.00	3757783.00	5.99E-01	373041.00	3757783.00	5.99E-01	373041.00	3757783.00	6.52E+00
373041.00	3757883.00	4.22E+00	373041.00	3757883.00	6.29E+00	373041.00	3757883.00	2.32E+00	373041.00	3757883.00	3.20E-01	373041.00	3757883.00	3.20E-01	373041.00	3757883.00	5.77E+00
373041.00	3757983.00	2.79E+00	373041.00	3757983.00	6.10E+00	373041.00	3757983.00	2.25E+00	373041.00	3757983.00	2.52E-01	373041.00	3757983.00	2.52E-01	373041.00	3757983.00	5.31E+00
373141.00	3757783.00	4.41E+00	373141.00	3757783.00	8.06E+00	373141.00	3757783.00	2.93E+00	373141.00	3757783.00	6.73E-01	373141.00	3757783.00	6.73E-01	373141.00	3757783.00	5.35E+00
373141.00	3757883.00	3.95E+00	373141.00	3757883.00	6.06E+00	373141.00	3757883.00	2.23E+00	373141.00	3757883.00	4.30E-01	373141.00	3757883.00	4.30E-01	373141.00	3757883.00	4.96E+00
373141.00	3757983.00	2.82E+00	373141.00	3757983.00	5.87E+00	373141.00	3757983.00	2.16E+00	373141.00	3757983.00	2.59E-01	373141.00	3757983.00	2.59E-01	373141.00	3757983.00	4.32E+00
373241.00	3757783.00	4.04E+00	373241.00	3757783.00	1.06E+01	373241.00	3757783.00	3.67E+00	373241.00	3757783.00	7.65E-01	373241.00	3757783.00	7.65E-01	373241.00	3757783.00	5.07E+00
373241.00	3757883.00	3.70E+00	373241.00	3757883.00	6.01E+00	373241.00	3757883.00	2.22E+00	373241.00	3757883.00	5.01E-01	373241.00	3757883.00	5.01E-01	373241.00	3757883.00	4.44E+00
373241.00	3757983.00	2.80E+00	373241.00	3757983.00	5.71E+00	373241.00	3757983.00	2.10E+00	373241.00	3757983.00	3.35E-01	373241.00	3757983.00	3.35E-01	373241.00	3757983.00	3.82E+00
373247.31	3756833.85	2.05E+00	373247.31	3756833.85	6.21E+00	373247.31	3756833.85	2.28E+00	373247.31	3756833.85	2.47E-01	373247.31	3756833.85	2.47E-01	373247.31	3756833.85	3.58E+01
373250.82	3756654.89	2.10E+00	373250.82	3756654.89	6.34E+00	373250.82	3756654.89	2.34E+00	373250.82	3756654.89	2.11E-01	373250.82	3756654.89	2.11E-01	373250.82	3756654.89	1.57E+01
373258.92	3755458.54	1.77E+00	373258.92	3755458.54	5.35E+00	373258.92	3755458.54	1.97E+00	373258.92	3755458.54	1.09E-01	373258.92	3755458.54	1.09E-01	373258.92	3755458.54	1.87E+00
373278.35	3755647.97	1.77E+00	373278.35	3755647.97	5.36E+00	373278.35	3755647.97	1.97E+00	373278.35	3755647.97	1.09E-01	373278.35	3755647.97	1.09E-01	373278.35	3755647.97	2.29E+00
373341.00	3757783.00	3.75E+00	373341.00	3757783.00	9.65E+00	373341.00	3757783.00	3.33E+00	373341.00	3757783.00	6.65E-01	373341.00	3757783.00	6.65E-01	373341.00	3757783.00	4.94E+00
373341.00	3757883.00	3.49E+00	373341.00	3757883.00	7.15E+00	373341.00	3757883.00	2.53E+00	373341.00	3757883.00	5.39E-01	373341.00	3757883.00	5.39E-01	373341.00	3757883.00	4.49E+00
373341.00	3757983.00	2.75E+00	373341.00	3757983.00	5.53E+00	373341.00	3757983.00	2.04E+00	373341.00	3757983.00	3.93E-01	373341.00	3757983.00	3.93E-01	373341.00	3757983.00	3.68E+00
373441.00	3757083.00	1.90E+00	373441.00	3757083.00	6.55E+00	373441.00	3757083.00	2.51E+00	373441.00	3757083.00	2.91E-01	373441.00	3757083.00	2.91E-01	373441.00	3757083.00	7.78E+00
373441.00	3757183.00	2.09E+00	373441.00	3757183.00	8.05E+00	373441.00	3757183.00	3.12E+00	373441.00	3757183.00	3.10E-01	373441.00	3757183.00	3.10E-01	373441.00	3757183.00	5.97E+00
373441.00	3757283.00	2.25E+00	373441.00	3757283.00	1.06E+01	373441.00	3757283.00	4.05E+00	373441.00	3757283.00	4.30E-01	373441.00	3757283.00	4.30E-01	373441.00	3757283.00	6.09E+00
373441.00	3757383.00	2.46E+00	373441.00	3757383.00	1.64E+01	373441.00	3757383.00	6.13E+00	373441.00	3757383.00	8.85E-01	373441.00	3757383.00	8.85E-01	373441.00	3757383.00	5.89E+00
373441.00	3757483.00	2.77E+00	373441.00	3757483.00	2.01E+01	373441.00	3757483.00	7.35E+00	373441.00	3757483.00	1.19E+00	373441.00	3757483.00	1.19E+00	373441.00	3757483.00	5.54E+00
373900.00	3759500.00	1.79E+00	373900.00	3759500.00	4.41E+00	373900.00	3759500.00	1.69E+00	373900.00	3759500.00	1.52E-01	373900.00	3759500.00	1.52E-01	373900.00	3759500.00	1.00E+00
373900.00	3762500.00	6.10E-01	373900.00	3762500.00	2.00E+00	373900.00	3762500.00	7.48E-01	373900.00	3762500.00	4.24E-02	373900.00	3762500.00	4.24E-02	373900.00	3762500.00	1.49E+00
373900.00	3763500.00	8.14E-01	373900.00	3763500.00	2.72E+00	373900.00	3763500.00	1.01E+00	373900.00	3763500.00	5.91E-02	373900.00	3763500.00	5.91E-02	373900.00	3763500.00	7.94E-01
374900.00	3753500.00	9.15E-01	374900.00	3753500.00	2.76E+00	374900.00	3753500.00	1.02E+00	374900.00	3753500.00	5.60E-02	374900.00	3753500.00	5.60E-02	374900.00	3753500.00	5.42E-01
374900.00	3758500.00	1.12E+00	374900.00	3758500.00	3.48E+00	374900.00	3758500.00	1.30E+00	374900.00	3758500.00	9.57E-02	374900.00	3758500.00	9.57E-02	374900.00	3758500.00	2.04E+00
375900.00	3754500.00	8.13E-01	375900.00	3754500.00	2.45E+00	375900.00	3754500.00	9.02E-01	375900.00	3754500.00	5.06E-02	375900.00	3754500.00	5.06E-02	375900.00	3754500.00	2.32E+00
375900.00	3757500.00	1.19E+00	375900.00	3757500.00	3.98E+00	375900.00	3757500.00	1.49E+00	375900.00	3757500.00	1.48E-01	375900.00	3757500.00	1.48E-01	375900.00	3757500.00	9.58E-01
375900.00	3758500.00	1.13E+00	375900.00	3758500.00	3.86E+00	375900.00	3758500.00	1.45E+00	375900.00	3758500.00	1.08E-01	375900.00	3758500.00	1.08E-01	375900.00	3758500.00	1.95E+00

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
375900.00	3759500.00	1.20E+00	375900.00	3759500.00	4.10E+00	375900.00	3759500.00	1.53E+00	375900.00	3759500.00	1.17E-01	375900.00	3759500.00	1.17E-01	375900.00	3759500.00	1.99E+00
376900.00	3753500.00	6.15E-01	376900.00	3753500.00	1.85E+00	376900.00	3753500.00	6.82E-01	376900.00	3753500.00	3.82E-02	376900.00	3753500.00	3.82E-02	376900.00	3753500.00	1.40E+00
376900.00	3754500.00	6.09E-01	376900.00	3754500.00	1.84E+00	376900.00	3754500.00	6.77E-01	376900.00	3754500.00	3.74E-02	376900.00	3754500.00	3.74E-02	376900.00	3754500.00	6.79E-01
376900.00	3757500.00	1.08E+00	376900.00	3757500.00	3.61E+00	376900.00	3757500.00	1.36E+00	376900.00	3757500.00	9.96E-02	376900.00	3757500.00	9.96E-02	376900.00	3757500.00	1.27E+00
376900.00	3763500.00	6.09E-01	376900.00	3763500.00	1.86E+00	376900.00	3763500.00	6.91E-01	376900.00	3763500.00	3.81E-02	376900.00	3763500.00	3.81E-02	376900.00	3763500.00	4.80E-01
377900.00	3758500.00	1.12E+00	377900.00	3758500.00	3.70E+00	377900.00	3758500.00	1.38E+00	377900.00	3758500.00	1.45E-01	377900.00	3758500.00	1.45E-01	377900.00	3758500.00	1.39E+00
378900.00	3754500.00	8.52E-01	378900.00	3754500.00	2.69E+00	378900.00	3754500.00	1.00E+00	378900.00	3754500.00	5.65E-02	378900.00	3754500.00	5.65E-02	378900.00	3754500.00	1.10E+00
378900.00	3761500.00	5.65E-01	378900.00	3761500.00	1.83E+00	378900.00	3761500.00	6.83E-01	378900.00	3761500.00	4.97E-02	378900.00	3761500.00	4.97E-02	378900.00	3761500.00	5.71E-01
379900.00	3753500.00	3.74E-01	379900.00	3753500.00	1.13E+00	379900.00	3753500.00	4.16E-01	379900.00	3753500.00	2.29E-02	379900.00	3753500.00	2.29E-02	379900.00	3753500.00	4.34E-01
379900.00	3758500.00	1.05E+00	379900.00	3758500.00	3.34E+00	379900.00	3758500.00	1.29E+00	379900.00	3758500.00	1.46E-01	379900.00	3758500.00	1.46E-01	379900.00	3758500.00	8.13E-01
380900.00	3764500.00	7.37E-01	380900.00	3764500.00	1.99E+00	380900.00	3764500.00	7.66E-01	380900.00	3764500.00	6.79E-02	380900.00	3764500.00	6.79E-02	380900.00	3764500.00	4.81E-01
381900.00	3753500.00	4.89E-01	381900.00	3753500.00	1.61E+00	381900.00	3753500.00	6.02E-01	381900.00	3753500.00	3.49E-02	381900.00	3753500.00	3.49E-02	381900.00	3753500.00	4.85E-01
381900.00	3758500.00	7.38E-01	381900.00	3758500.00	2.34E+00	381900.00	3758500.00	8.86E-01	381900.00	3758500.00	9.04E-02	381900.00	3758500.00	9.04E-02	381900.00	3758500.00	4.91E-01
383900.00	3758500.00	5.00E-01	383900.00	3758500.00	1.56E+00	383900.00	3758500.00	5.88E-01	383900.00	3758500.00	5.57E-02	383900.00	3758500.00	5.57E-02	383900.00	3758500.00	2.93E-01
383900.00	3759500.00	4.94E-01	383900.00	3759500.00	1.30E+00	383900.00	3759500.00	4.93E-01	383900.00	3759500.00	5.86E-02	383900.00	3759500.00	5.86E-02	383900.00	3759500.00	4.15E-01
383900.00	3760500.00	3.71E-01	383900.00	3760500.00	1.26E+00	383900.00	3760500.00	4.71E-01	383900.00	3760500.00	2.77E-02	383900.00	3760500.00	2.77E-02	383900.00	3760500.00	4.25E-01
383900.00	3761500.00	4.14E-01	383900.00	3761500.00	1.39E+00	383900.00	3761500.00	5.20E-01	383900.00	3761500.00	3.23E-02	383900.00	3761500.00	3.23E-02	383900.00	3761500.00	4.25E-01

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M
369131.40	3758945.42	4.91E-01	369131.40	3758945.42	1.66E+00	369131.40	3758945.42	6.17E-01	369131.40	3758945.42	3.66E-02	369131.40	3758945.42	3.66E-02	369131.40	3758945.42	6.32E-01
370190.78	3758848.26	7.30E-01	370190.78	3758848.26	2.48E+00	370190.78	3758848.26	9.24E-01	370190.78	3758848.26	5.52E-02	370190.78	3758848.26	5.52E-02	370190.78	3758848.26	5.02E-01
370747.03	3763937.58	8.33E-02	370747.03	3763937.58	2.69E-01	370747.03	3763937.58	9.98E-02	370747.03	3763937.58	5.86E-03	370747.03	3763937.58	5.86E-03	370747.03	3763937.58	3.60E-02
370757.72	3755124.52	1.15E+00	370757.72	3755124.52	3.76E+00	370757.72	3755124.52	1.41E+00	370757.72	3755124.52	7.92E-02	370757.72	3755124.52	7.92E-02	370757.72	3755124.52	6.49E-01
370946.70	3758260.69	7.62E-01	370946.70	3758260.69	2.58E+00	370946.70	3758260.69	9.60E-01	370946.70	3758260.69	5.70E-02	370946.70	3758260.69	5.70E-02	370946.70	3758260.69	5.43E-01
371368.79	3754218.82	5.88E-01	371368.79	3754218.82	1.86E+00	371368.79	3754218.82	6.92E-01	371368.79	3754218.82	3.90E-02	371368.79	3754218.82	3.90E-02	371368.79	3754218.82	2.77E-01
371786.04	3754168.42	4.81E-01	371786.04	3754168.42	1.55E+00	371786.04	3754168.42	5.71E-01	371786.04	3754168.42	3.34E-02	371786.04	3754168.42	3.34E-02	371786.04	3754168.42	2.19E-01
373756.25	3761779.11	2.14E-01	373756.25	3761779.11	7.16E-01	373756.25	3761779.11	2.67E-01	373756.25	3761779.11	1.57E-02	373756.25	3761779.11	1.57E-02	373756.25	3761779.11	2.77E-01
367734.03	3758536.57	6.07E-01	367734.03	3758536.57	1.94E+00	367734.03	3758536.57	7.26E-01	367734.03	3758536.57	4.04E-02	367734.03	3758536.57	4.04E-02	367734.03	3758536.57	4.57E-01
368069.11	3760165.13	3.03E-01	368069.11	3760165.13	9.27E-01	368069.11	3760165.13	3.41E-01	368069.11	3760165.13	1.91E-02	368069.11	3760165.13	1.91E-02	368069.11	3760165.13	1.08E-01
369125.38	3763066.25	1.86E-01	369125.38	3763066.25	5.68E-01	369125.38	3763066.25	2.10E-01	369125.38	3763066.25	1.16E-02	369125.38	3763066.25	1.16E-02	369125.38	3763066.25	5.45E-02
369225.45	3764227.42	1.48E-01	369225.45	3764227.42	4.50E-01	369225.45	3764227.42	1.65E-01	369225.45	3764227.42	9.21E-03	369225.45	3764227.42	9.21E-03	369225.45	3764227.42	5.04E-02
370236.75	3761140.30	2.26E-01	370236.75	3761140.30	7.23E-01	370236.75	3761140.30	2.68E-01	370236.75	3761140.30	1.54E-02	370236.75	3761140.30	1.54E-02	370236.75	3761140.30	9.26E-02
372218.41	3759157.53	4.83E-01	372218.41	3759157.53	1.50E+00	372218.41	3759157.53	5.58E-01	372218.41	3759157.53	3.09E-02	372218.41	3759157.53	3.09E-02	372218.41	3759157.53	2.02E-01
372267.44	3762986.25	1.68E-01	372267.44	3762986.25	5.68E-01	372267.44	3762986.25	2.10E-01	372267.44	3762986.25	1.24E-02	372267.44	3762986.25	1.24E-02	372267.44	3762986.25	1.85E-01
374498.14	3758643.27	3.52E-01	374498.14	3758643.27	1.13E+00	374498.14	3758643.27	4.19E-01	374498.14	3758643.27	3.52E-02	374498.14	3758643.27	3.52E-02	374498.14	3758643.27	3.90E-01
375472.61	3759680.03	4.64E-01	375472.61	3759680.03	1.58E+00	375472.61	3759680.03	5.91E-01	375472.61	3759680.03	3.50E-02	375472.61	3759680.03	3.50E-02	375472.61	3759680.03	3.60E-01
375514.38	3757500.61	3.09E-01	375514.38	3757500.61	1.01E+00	375514.38	3757500.61	3.75E-01	375514.38	3757500.61	2.50E-02	375514.38	3757500.61	2.50E-02	375514.38	3757500.61	5.10E-01
377395.41	3759189.37	2.29E-01	377395.41	3759189.37	7.99E-01	377395.41	3759189.37	3.01E-01	377395.41	3759189.37	1.80E-02	377395.41	3759189.37	1.80E-02	377395.41	3759189.37	3.98E-01
366363.62	3757753.10	5.81E-01	366363.62	3757753.10	1.82E+00	366363.62	3757753.10	6.77E-01	366363.62	3757753.10	4.56E-02	366363.62	3757753.10	4.56E-02	366363.62	3757753.10	1.82E-01
369385.71	3758351.85	8.22E-01	369385.71	3758351.85	2.78E+00	369385.71	3758351.85	1.03E+00	369385.71	3758351.85	6.22E-02	369385.71	3758351.85	6.22E-02	369385.71	3758351.85	5.25E-01
369388.19	3758584.61	6.35E-01	369388.19	3758584.61	2.10E+00	369388.19	3758584.61	7.90E-01	369388.19	3758584.61	4.53E-02	369388.19	3758584.61	4.53E-02	369388.19	3758584.61	6.61E-01
371727.30	3758286.14	8.61E-01	371727.30	3758286.14	2.70E+00	371727.30	3758286.14	9.96E-01	371727.30	3758286.14	5.69E-02	371727.30	3758286.14	5.69E-02	371727.30	3758286.14	6.56E-01
371973.18	3757657.97	5.54E+00	371973.18	3757657.97	4.34E+00	371973.18	3757657.97	1.62E+00	371973.18	3757657.97	2.09E-01	371973.18	3757657.97	2.09E-01	371973.18	3757657.97	2.95E+00
372028.99	3757658.28	1.38E+01	372028.99	3757658.28	4.24E+00	372028.99	3757658.28	1.59E+00	372028.99	3757658.28	2.24E-01	372028.99	3757658.28	2.24E-01	372028.99	3757658.28	1.82E+00
372057.72	3757303.44	1.28E+00	372057.72	3757303.44	4.16E+00	372057.72	3757303.44	1.55E+00	372057.72	3757303.44	1.39E-01	372057.72	3757303.44	1.39E-01	372057.72	3757303.44	2.31E+00
372058.94	3757365.68	1.52E+00	372058.94	3757365.68	4.10E+00	372058.94	3757365.68	1.53E+00	372058.94	3757365.68	1.67E-01	372058.94	3757365.68	1.67E-01	372058.94	3757365.68	4.44E+00
372114.76	3757419.38	1.61E+00	372114.76	3757419.38	4.06E+00	372114.76	3757419.38	1.83E+00	372114.76	3757419.38	2.27E-01	372114.76	3757419.38	2.27E-01	372114.76	3757419.38	8.43E+00
372149.51	3757302.81	1.21E+00	372149.51	3757302.81	3.91E+00	372149.51	3757302.81	1.45E+00	372149.51	3757302.81	1.61E-01	372149.51	3757302.81	1.61E-01	372149.51	3757302.81	2.41E+00
366675.72	3757743.67	6.42E-01	366675.72	3757743.67	2.02E+00	366675.72	3757743.67	7.52E-01	366675.72	3757743.67	4.68E-02	366675.72	3757743.67	4.68E-02	366675.72	3757743.67	2.19E-01
367105.41	3757963.83	6.84E-01	367105.41	3757963.83	2.12E+00	367105.41	3757963.83	7.88E-01	367105.41	3757963.83	4.37E-02	367105.41	3757963.83	4.37E-02	367105.41	3757963.83	3.19E-01
367221.30	3757911.68	7.21E-01	367221.30	3757911.68	2.23E+00	367221.30	3757911.68	8.28E-01	367221.30	3757911.68	4.59E-02	367221.30	3757911.68	4.59E-02	367221.30	3757911.68	1.87E-01
367346.43	3757955.57	7.48E-01	367346.43	3757955.57	2.31E+00	367346.43	3757955.57	8.56E-01	367346.43	3757955.57	4.75E-02	367346.43	3757955.57	4.75E-02	367346.43	3757955.57	1.98E-01
367457.41	3758010.28	7.42E-01	367457.41	3758010.28	2.29E+00	367457.41	3758010.28	8.47E-01	367457.41	3758010.28	4.72E-02	367457.41	3758010.28	4.72E-02	367457.41	3758010.28	2.10E-01
367730.93	3758222.91	7.43E-01	367730.93	3758222.91	2.33E+00	367730.93	3758222.91	8.70E-01	367730.93	3758222.91	5.01E-02	367730.93	3758222.91	5.01E-02	367730.93	3758222.91	2.36E-01
367995.30	3758074.68	9.06E-01	367995.30	3758074.68	2.89E+00	367995.30	3758074.68	1.08E+00	367995.30	3758074.68	6.28E-02	367995.30	3758074.68	6.28E-02	367995.30	3758074.68	4.30E-01
369154.15	3758166.98	1.22E+00	369154.15	3758166.98	3.95E+00	369154.15	3758166.98	1.47E+00	369154.15	3758166.98	8.41E-02	369154.15	3758166.98	8.41E-02	369154.15	3758166.98	5.77E-01
369214.54	3758209.64	1.10E+00	369214.54	3758209.64	3.43E+00	369214.54	3758209.64	1.27E+00	369214.54	3758209.64	7.11E-02	369214.54	3758209.64	7.11E-02	369214.54	3758209.64	5.19E-01
369279.67	3758015.34	1.38E+00	369279.67	3758015.34	4.47E+00	369279.67	3758015.34	1.66E+00	369279.67	3758015.34	9.50E-02	369279.67	3758015.34	9.50E-02	369279.67	3758015.34	5.61E-01
369788.09	3758340.35	1.11E+00	369788.09	3758340.35	3.51E+00	369788.09	3758340.35	1.31E+00	369788.09	3758340.35	7.37E-02	369788.09	3758340.35	7.37E-02	369788.09	3758340.35	5.99E-01
369790.55	3758580.31	9.27E-01	369790.55	3758580.31	2.99E+00	369790.55	3758580.31	1.12E+00	369790.55	3758580.31	6.32E-02	369790.55	3758580.31	6.32E-02	369790.55	3758580.31	5.61E-01
371537.21	3756959.02	2.63E+00	371537.21	3756959.02	8.81E+00	371537.21	3756959.02	3.30E+00	371537.21	3756959.02	1.94E-01	371537.21	3756959.02	1.94E-01	371537.21	3756959.02	9.49E-01
371736.26	3757371.88	1.54E+00	371736.26	3757371.88	7.64E+00	371736.26	3757371.88	3.16E+00	371736.26	3757371.88	3.91E-01	371736.26	3757371.88	3.91E-01	371736.26	3757371.88	1.81E+00

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M
371795.72	3757393.54	1.46E+00	371795.72	3757393.54	6.86E+00	371795.72	3757393.54	2.80E+00	371795.72	3757393.54	3.41E-01	371795.72	3757393.54	3.41E-01	371795.72	3757393.54	2.43E+00
371925.67	3757658.96	3.94E+00	371925.67	3757658.96	4.54E+00	371925.67	3757658.96	1.67E+00	371925.67	3757658.96	2.02E-01	371925.67	3757658.96	2.02E-01	371925.67	3757658.96	4.30E+00
367720.95	3757929.47	8.20E-01	367720.95	3757929.47	2.53E+00	367720.95	3757929.47	9.37E-01	367720.95	3757929.47	5.23E-02	367720.95	3757929.47	5.23E-02	367720.95	3757929.47	2.29E-01
366410.42	3757645.39	7.02E-01	366410.42	3757645.39	2.20E+00	366410.42	3757645.39	8.18E-01	366410.42	3757645.39	5.29E-02	366410.42	3757645.39	5.29E-02	366410.42	3757645.39	1.87E-01
366412.06	3757743.84	5.92E-01	366412.06	3757743.84	1.85E+00	366412.06	3757743.84	6.90E-01	366412.06	3757743.84	4.64E-02	366412.06	3757743.84	4.64E-02	366412.06	3757743.84	1.83E-01
366449.10	3757556.84	8.00E-01	366449.10	3757556.84	2.51E+00	366449.10	3757556.84	9.33E-01	366449.10	3757556.84	5.85E-02	366449.10	3757556.84	5.85E-02	366449.10	3757556.84	2.02E-01
366471.13	3757711.22	6.32E-01	366471.13	3757711.22	1.98E+00	366471.13	3757711.22	7.37E-01	366471.13	3757711.22	4.90E-02	366471.13	3757711.22	4.90E-02	366471.13	3757711.22	1.84E-01
366487.79	3757468.29	8.96E-01	366487.79	3757468.29	2.81E+00	366487.79	3757468.29	1.04E+00	366487.79	3757468.29	6.38E-02	366487.79	3757468.29	6.38E-02	366487.79	3757468.29	2.11E-01
366526.47	3757379.74	9.80E-01	366526.47	3757379.74	3.07E+00	366526.47	3757379.74	1.14E+00	366526.47	3757379.74	6.83E-02	366526.47	3757379.74	6.83E-02	366526.47	3757379.74	2.11E-01
366543.32	3757684.41	6.62E-01	366543.32	3757684.41	2.08E+00	366543.32	3757684.41	7.75E-01	366543.32	3757684.41	5.12E-02	366543.32	3757684.41	5.12E-02	366543.32	3757684.41	1.86E-01
366565.16	3757291.19	1.04E+00	366565.16	3757291.19	3.26E+00	366565.16	3757291.19	1.21E+00	366565.16	3757291.19	7.16E-02	366565.16	3757291.19	7.16E-02	366565.16	3757291.19	2.03E-01
366572.51	3757755.35	6.34E-01	366572.51	3757755.35	2.10E+00	366572.51	3757755.35	7.91E-01	366572.51	3757755.35	5.25E-02	366572.51	3757755.35	5.25E-02	366572.51	3757755.35	4.52E-01
366603.85	3757202.64	1.08E+00	366603.85	3757202.64	3.36E+00	366603.85	3757202.64	1.25E+00	366603.85	3757202.64	7.27E-02	366603.85	3757202.64	7.27E-02	366603.85	3757202.64	1.87E-01
366629.35	3757738.18	7.38E-01	366629.35	3757738.18	2.45E+00	366629.35	3757738.18	9.17E-01	366629.35	3757738.18	5.28E-02	366629.35	3757738.18	5.28E-02	366629.35	3757738.18	4.99E-01
366642.53	3757114.09	1.08E+00	366642.53	3757114.09	3.36E+00	366642.53	3757114.09	1.25E+00	366642.53	3757114.09	7.19E-02	366642.53	3757114.09	7.19E-02	366642.53	3757114.09	1.66E-01
366681.22	3757025.54	1.04E+00	366681.22	3757025.54	3.23E+00	366681.22	3757025.54	1.20E+00	366681.22	3757025.54	6.86E-02	366681.22	3757025.54	6.86E-02	366681.22	3757025.54	1.41E-01
366700.77	3757739.37	6.49E-01	366700.77	3757739.37	2.04E+00	366700.77	3757739.37	7.59E-01	366700.77	3757739.37	4.69E-02	366700.77	3757739.37	4.69E-02	366700.77	3757739.37	1.95E-01
366719.91	3756936.99	9.62E-01	366719.91	3756936.99	2.99E+00	366719.91	3756936.99	1.11E+00	366719.91	3756936.99	6.31E-02	366719.91	3756936.99	6.31E-02	366719.91	3756936.99	1.34E-01
366758.59	3756848.44	8.60E-01	366758.59	3756848.44	2.67E+00	366758.59	3756848.44	9.93E-01	366758.59	3756848.44	5.61E-02	366758.59	3756848.44	5.61E-02	366758.59	3756848.44	1.47E-01
366780.64	3757782.90	6.57E-01	366780.64	3757782.90	2.07E+00	366780.64	3757782.90	7.70E-01	366780.64	3757782.90	4.34E-02	366780.64	3757782.90	4.34E-02	366780.64	3757782.90	1.96E-01
366797.28	3756759.89	7.97E-01	366797.28	3756759.89	2.50E+00	366797.28	3756759.89	9.27E-01	366797.28	3756759.89	5.19E-02	366797.28	3756759.89	5.19E-02	366797.28	3756759.89	1.56E-01
366835.96	3756671.34	8.52E-01	366835.96	3756671.34	2.68E+00	366835.96	3756671.34	9.95E-01	366835.96	3756671.34	5.58E-02	366835.96	3756671.34	5.58E-02	366835.96	3756671.34	1.59E-01
366869.69	3757831.79	6.50E-01	366869.69	3757831.79	2.06E+00	366869.69	3757831.79	7.64E-01	366869.69	3757831.79	4.32E-02	366869.69	3757831.79	4.32E-02	366869.69	3757831.79	1.93E-01
366874.65	3756582.79	8.80E-01	366874.65	3756582.79	2.77E+00	366874.65	3756582.79	1.03E+00	366874.65	3756582.79	5.78E-02	366874.65	3756582.79	5.78E-02	366874.65	3756582.79	1.56E-01
366900.00	3756500.00	9.19E-01	366900.00	3756500.00	2.86E+00	366900.00	3756500.00	1.06E+00	366900.00	3756500.00	5.92E-02	366900.00	3756500.00	5.92E-02	366900.00	3756500.00	1.46E-01
366913.34	3756494.23	9.38E-01	366913.34	3756494.23	2.92E+00	366913.34	3756494.23	1.08E+00	366913.34	3756494.23	6.04E-02	366913.34	3756494.23	6.04E-02	366913.34	3756494.23	1.46E-01
366921.75	3757860.58	6.39E-01	366921.75	3757860.58	2.03E+00	366921.75	3757860.58	7.52E-01	366921.75	3757860.58	4.26E-02	366921.75	3757860.58	4.26E-02	366921.75	3757860.58	1.88E-01
366952.02	3756405.68	1.02E+00	366952.02	3756405.68	3.15E+00	366952.02	3756405.68	1.17E+00	366952.02	3756405.68	6.50E-02	366952.02	3756405.68	6.50E-02	366952.02	3756405.68	1.31E-01
366982.97	3757895.00	6.33E-01	366982.97	3757895.00	2.01E+00	366982.97	3757895.00	7.46E-01	366982.97	3757895.00	4.22E-02	366982.97	3757895.00	4.22E-02	366982.97	3757895.00	1.81E-01
366990.71	3756317.13	1.06E+00	366990.71	3756317.13	3.27E+00	366990.71	3756317.13	1.21E+00	366990.71	3756317.13	6.74E-02	366990.71	3756317.13	6.74E-02	366990.71	3756317.13	1.11E-01
367029.39	3756228.58	1.05E+00	367029.39	3756228.58	3.25E+00	367029.39	3756228.58	1.21E+00	367029.39	3756228.58	6.69E-02	367029.39	3756228.58	6.69E-02	367029.39	3756228.58	8.98E-02
367044.19	3757929.41	6.60E-01	367044.19	3757929.41	2.04E+00	367044.19	3757929.41	7.60E-01	367044.19	3757929.41	4.23E-02	367044.19	3757929.41	4.23E-02	367044.19	3757929.41	8.89E-01
367068.08	3756140.03	1.00E+00	367068.08	3756140.03	3.09E+00	367068.08	3756140.03	1.15E+00	367068.08	3756140.03	6.35E-02	367068.08	3756140.03	6.35E-02	367068.08	3756140.03	8.89E-02
367106.77	3756051.48	9.07E-01	367106.77	3756051.48	2.79E+00	367106.77	3756051.48	1.04E+00	367106.77	3756051.48	5.74E-02	367106.77	3756051.48	5.74E-02	367106.77	3756051.48	8.63E-02
367145.45	3755962.93	8.65E-01	367145.45	3755962.93	2.75E+00	367145.45	3755962.93	1.02E+00	367145.45	3755962.93	5.76E-02	367145.45	3755962.93	5.76E-02	367145.45	3755962.93	9.17E-02
367163.35	3757937.75	7.44E-01	367163.35	3757937.75	2.43E+00	367163.35	3757937.75	9.11E-01	367163.35	3757937.75	5.15E-02	367163.35	3757937.75	5.15E-02	367163.35	3757937.75	4.23E-01
367184.14	3755874.38	9.04E-01	367184.14	3755874.38	2.87E+00	367184.14	3755874.38	1.07E+00	367184.14	3755874.38	6.03E-02	367184.14	3755874.38	6.03E-02	367184.14	3755874.38	1.04E-01
367222.83	3755785.83	8.99E-01	367222.83	3755785.83	2.86E+00	367222.83	3755785.83	1.07E+00	367222.83	3755785.83	6.02E-02	367222.83	3755785.83	6.02E-02	367222.83	3755785.83	1.17E-01
367261.51	3755697.28	8.53E-01	367261.51	3755697.28	2.72E+00	367261.51	3755697.28	1.01E+00	367261.51	3755697.28	5.94E-02	367261.51	3755697.28	5.94E-02	367261.51	3755697.28	1.30E-01
367284.84	3757912.25	7.40E-01	367284.84	3757912.25	2.29E+00	367284.84	3757912.25	8.49E-01	367284.84	3757912.25	4.71E-02	367284.84	3757912.25	4.71E-02	367284.84	3757912.25	1.87E-01
367300.20	3755608.73	8.36E-01	367300.20	3755608.73	2.63E+00	367300.20	3755608.73	9.78E-01	367300.20	3755608.73	5.96E-02	367300.20	3755608.73	5.96E-02	367300.20	3755608.73	1.43E-01
367338.88	3755520.18	8.25E-01	367338.88	3755520.18	2.60E+00	367338.88	3755520.18	9.68E-01	367338.88	3755520.18	5.86E-02	367338.88	3755520.18	5.86E-02	367338.88	3755520.18	1.55E-01
367348.39	3757912.82	7.60E-01	367348.39	3757912.82	2.35E+00	367348.39	3757912.82	8.71E-01	367348.39	3757912.82	4.83E-02	367348.39	3757912.82	4.83E-02	367348.39	3757912.82	2.23E-01

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Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M
367377.57	3755431.63	8.43E-01	367377.57	3755431.63	2.63E+00	367377.57	3755431.63	9.82E-01	367377.57	3755431.63	5.70E-02	367377.57	3755431.63	5.70E-02	367377.57	3755431.63	1.63E-01
367401.92	3757982.92	7.50E-01	367401.92	3757982.92	2.31E+00	367401.92	3757982.92	8.57E-01	367401.92	3757982.92	4.77E-02	367401.92	3757982.92	4.77E-02	367401.92	3757982.92	2.05E-01
367464.88	3755430.72	9.25E-01	367464.88	3755430.72	2.89E+00	367464.88	3755430.72	1.08E+00	367464.88	3755430.72	6.16E-02	367464.88	3755430.72	6.16E-02	367464.88	3755430.72	1.67E-01
367498.60	3757937.52	7.90E-01	367498.60	3757937.52	2.44E+00	367498.60	3757937.52	9.03E-01	367498.60	3757937.52	5.02E-02	367498.60	3757937.52	5.02E-02	367498.60	3757937.52	2.06E-01
367539.80	3757864.76	8.29E-01	367539.80	3757864.76	2.56E+00	367539.80	3757864.76	9.50E-01	367539.80	3757864.76	5.27E-02	367539.80	3757864.76	5.27E-02	367539.80	3757864.76	1.97E-01
367552.20	3755429.80	1.00E+00	367552.20	3755429.80	3.13E+00	367552.20	3755429.80	1.17E+00	367552.20	3755429.80	6.69E-02	367552.20	3755429.80	6.69E-02	367552.20	3755429.80	1.71E-01
367596.95	3757879.64	8.36E-01	367596.95	3757879.64	2.58E+00	367596.95	3757879.64	9.58E-01	367596.95	3757879.64	5.32E-02	367596.95	3757879.64	5.32E-02	367596.95	3757879.64	2.04E-01
367628.79	3757855.59	8.58E-01	367628.79	3757855.59	2.65E+00	367628.79	3757855.59	9.83E-01	367628.79	3757855.59	5.46E-02	367628.79	3757855.59	5.46E-02	367628.79	3757855.59	2.01E-01
367639.51	3755428.89	1.07E+00	367639.51	3755428.89	3.36E+00	367639.51	3755428.89	1.25E+00	367639.51	3755428.89	7.18E-02	367639.51	3755428.89	7.18E-02	367639.51	3755428.89	1.75E-01
367696.39	3757845.44	8.79E-01	367696.39	3757845.44	2.71E+00	367696.39	3757845.44	1.01E+00	367696.39	3757845.44	5.59E-02	367696.39	3757845.44	5.59E-02	367696.39	3757845.44	2.06E-01
367700.81	3758169.46	6.40E-01	367700.81	3758169.46	1.98E+00	367700.81	3758169.46	7.36E-01	367700.81	3758169.46	4.28E-02	367700.81	3758169.46	4.28E-02	367700.81	3758169.46	2.41E-01
367707.57	3757896.37	8.46E-01	367707.57	3757896.37	2.61E+00	367707.57	3757896.37	9.67E-01	367707.57	3757896.37	5.39E-02	367707.57	3757896.37	5.39E-02	367707.57	3757896.37	2.17E-01
367726.83	3755427.97	1.14E+00	367726.83	3755427.97	3.57E+00	367726.83	3755427.97	1.33E+00	367726.83	3755427.97	7.64E-02	367726.83	3755427.97	7.64E-02	367726.83	3755427.97	1.77E-01
367734.79	3758105.67	6.55E-01	367734.79	3758105.67	2.02E+00	367734.79	3758105.67	7.54E-01	367734.79	3758105.67	4.44E-02	367734.79	3758105.67	4.44E-02	367734.79	3758105.67	2.69E-01
367743.72	3758010.21	7.36E-01	367743.72	3758010.21	2.29E+00	367743.72	3758010.21	8.46E-01	367743.72	3758010.21	4.76E-02	367743.72	3758010.21	4.76E-02	367743.72	3758010.21	3.19E-01
367785.33	3758200.53	7.67E-01	367785.33	3758200.53	2.40E+00	367785.33	3758200.53	8.99E-01	367785.33	3758200.53	5.18E-02	367785.33	3758200.53	5.18E-02	367785.33	3758200.53	2.47E-01
367814.14	3755427.06	1.20E+00	367814.14	3755427.06	3.75E+00	367814.14	3755427.06	1.40E+00	367814.14	3755427.06	8.04E-02	367814.14	3755427.06	8.04E-02	367814.14	3755427.06	1.79E-01
367830.31	3758150.13	6.79E-01	367830.31	3758150.13	2.09E+00	367830.31	3758150.13	7.79E-01	367830.31	3758150.13	4.54E-02	367830.31	3758150.13	4.54E-02	367830.31	3758150.13	2.47E-01
367839.73	3758178.15	7.80E-01	367839.73	3758178.15	2.44E+00	367839.73	3758178.15	9.14E-01	367839.73	3758178.15	5.32E-02	367839.73	3758178.15	5.32E-02	367839.73	3758178.15	2.55E-01
367874.18	3755433.41	1.23E+00	367874.18	3755433.41	3.86E+00	367874.18	3755433.41	1.44E+00	367874.18	3755433.41	8.30E-02	367874.18	3755433.41	8.30E-02	367874.18	3755433.41	1.81E-01
367912.80	3758112.41	8.41E-01	367912.80	3758112.41	2.65E+00	367912.80	3758112.41	9.94E-01	367912.80	3758112.41	5.79E-02	367912.80	3758112.41	5.79E-02	367912.80	3758112.41	3.40E-01
367934.21	3755439.76	1.25E+00	367934.21	3755439.76	3.92E+00	367934.21	3755439.76	1.46E+00	367934.21	3755439.76	8.45E-02	367934.21	3755439.76	8.45E-02	367934.21	3755439.76	1.86E-01
368001.74	3755450.16	1.28E+00	368001.74	3755450.16	4.01E+00	368001.74	3755450.16	1.49E+00	368001.74	3755450.16	8.65E-02	368001.74	3755450.16	8.65E-02	368001.74	3755450.16	1.92E-01
368067.33	3758044.68	9.08E-01	368067.33	3758044.68	2.88E+00	368067.33	3758044.68	1.08E+00	368067.33	3758044.68	6.40E-02	368067.33	3758044.68	6.40E-02	368067.33	3758044.68	4.31E-01
368069.28	3755460.56	1.31E+00	368069.28	3755460.56	4.12E+00	368069.28	3755460.56	1.53E+00	368069.28	3755460.56	8.91E-02	368069.28	3755460.56	8.91E-02	368069.28	3755460.56	1.99E-01
368136.81	3755470.96	1.33E+00	368136.81	3755470.96	4.18E+00	368136.81	3755470.96	1.56E+00	368136.81	3755470.96	9.04E-02	368136.81	3755470.96	9.04E-02	368136.81	3755470.96	2.37E-01
368139.37	3758014.68	7.97E-01	368139.37	3758014.68	2.46E+00	368139.37	3758014.68	9.15E-01	368139.37	3758014.68	5.46E-02	368139.37	3758014.68	5.46E-02	368139.37	3758014.68	3.11E-01
368217.94	3755478.99	1.34E+00	368217.94	3755478.99	4.21E+00	368217.94	3755478.99	1.57E+00	368217.94	3755478.99	9.17E-02	368217.94	3755478.99	9.17E-02	368217.94	3755478.99	2.16E-01
368226.20	3757984.68	9.60E-01	368226.20	3757984.68	3.04E+00	368226.20	3757984.68	1.14E+00	368226.20	3757984.68	6.94E-02	368226.20	3757984.68	6.94E-02	368226.20	3757984.68	4.93E-01
368310.20	3755477.83	1.30E+00	368310.20	3755477.83	4.09E+00	368310.20	3755477.83	1.52E+00	368310.20	3755477.83	8.97E-02	368310.20	3755477.83	8.97E-02	368310.20	3755477.83	2.31E-01
368312.17	3757967.29	9.88E-01	368312.17	3757967.29	3.20E+00	368312.17	3757967.29	1.20E+00	368312.17	3757967.29	7.48E-02	368312.17	3757967.29	7.48E-02	368312.17	3757967.29	6.25E-01
368386.06	3757966.42	9.37E-01	368386.06	3757966.42	3.06E+00	368386.06	3757966.42	1.14E+00	368386.06	3757966.42	7.42E-02	368386.06	3757966.42	7.42E-02	368386.06	3757966.42	6.30E-01
368402.45	3755476.67	1.41E+00	368402.45	3755476.67	4.29E+00	368402.45	3755476.67	1.60E+00	368402.45	3755476.67	9.52E-02	368402.45	3755476.67	9.52E-02	368402.45	3755476.67	2.45E-01
368459.96	3757965.55	9.06E-01	368459.96	3757965.55	3.00E+00	368459.96	3757965.55	1.12E+00	368459.96	3757965.55	6.97E-02	368459.96	3757965.55	6.97E-02	368459.96	3757965.55	5.05E-01
368494.71	3755475.51	1.51E+00	368494.71	3755475.51	4.60E+00	368494.71	3755475.51	1.72E+00	368494.71	3755475.51	1.02E-01	368494.71	3755475.51	1.02E-01	368494.71	3755475.51	2.59E-01
368533.85	3757964.68	8.75E-01	368533.85	3757964.68	2.86E+00	368533.85	3757964.68	1.07E+00	368533.85	3757964.68	6.08E-02	368533.85	3757964.68	6.08E-02	368533.85	3757964.68	3.47E-01
368533.98	3757935.39	8.77E-01	368533.98	3757935.39	2.86E+00	368533.98	3757935.39	1.07E+00	368533.98	3757935.39	6.08E-02	368533.98	3757935.39	6.08E-02	368533.98	3757935.39	3.54E-01
368586.97	3755474.35	1.59E+00	368586.97	3755474.35	4.85E+00	368586.97	3755474.35	1.81E+00	368586.97	3755474.35	1.07E-01	368586.97	3755474.35	1.07E-01	368586.97	3755474.35	2.70E-01
368594.27	3757948.47	9.13E-01	368594.27	3757948.47	2.98E+00	368594.27	3757948.47	1.11E+00	368594.27	3757948.47	6.35E-02	368594.27	3757948.47	6.35E-02	368594.27	3757948.47	3.64E-01
368657.87	3757978.44	9.33E-01	368657.87	3757978.44	3.08E+00	368657.87	3757978.44	1.15E+00	368657.87	3757978.44	6.59E-02	368657.87	3757978.44	6.59E-02	368657.87	3757978.44	3.53E-01
368679.22	3755473.19	1.65E+00	368679.22	3755473.19	5.01E+00	368679.22	3755473.19	1.87E+00	368679.22	3755473.19	1.11E-01	368679.22	3755473.19	1.11E-01	368679.22	3755473.19	2.79E-01
368710.99	3758011.46	9.62E-01	368710.99	3758011.46	3.23E+00	368710.99	3758011.46	1.21E+00	368710.99	3758011.46	7.03E-02	368710.99	3758011.46	7.03E-02	368710.99	3758011.46	3.57E-01
368748.06	3758034.51	9.35E-01	368748.06	3758034.51	3.13E+00	368748.06	3758034.51	1.17E+00	368748.06	3758034.51	6.86E-02	368748.06	3758034.51	6.86E-02	368748.06	3758034.51	3.51E-01

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
368771.48	3755472.04	1.74E+00	368771.48	3755472.04	5.28E+00	368771.48	3755472.04	1.97E+00	368771.48	3755472.04	1.16E-01	368771.48	3755472.04	1.16E-01	368771.48	3755472.04	2.86E-01
368806.72	3758070.98	1.05E+00	368806.72	3758070.98	3.36E+00	368806.72	3758070.98	1.26E+00	368806.72	3758070.98	6.93E-02	368806.72	3758070.98	6.93E-02	368806.72	3758070.98	4.44E-01
368863.73	3755470.88	1.79E+00	368863.73	3755470.88	5.44E+00	368863.73	3755470.88	2.03E+00	368863.73	3755470.88	1.19E-01	368863.73	3755470.88	1.19E-01	368863.73	3755470.88	2.85E-01
368865.39	3758107.46	1.11E+00	368865.39	3758107.46	3.56E+00	368865.39	3758107.46	1.34E+00	368865.39	3758107.46	7.39E-02	368865.39	3758107.46	7.39E-02	368865.39	3758107.46	4.94E-01
368931.37	3758150.49	1.14E+00	368931.37	3758150.49	3.67E+00	368931.37	3758150.49	1.37E+00	368931.37	3758150.49	7.65E-02	368931.37	3758150.49	7.65E-02	368931.37	3758150.49	5.20E-01
368955.99	3755469.72	1.79E+00	368955.99	3755469.72	5.44E+00	368955.99	3755469.72	2.03E+00	368955.99	3755469.72	1.20E-01	368955.99	3755469.72	1.20E-01	368955.99	3755469.72	2.81E-01
368974.29	3758177.61	1.15E+00	368974.29	3758177.61	3.70E+00	368974.29	3758177.61	1.38E+00	368974.29	3758177.61	7.75E-02	368974.29	3758177.61	7.75E-02	368974.29	3758177.61	5.24E-01
368992.63	3758138.09	1.19E+00	368992.63	3758138.09	3.81E+00	368992.63	3758138.09	1.42E+00	368992.63	3758138.09	7.97E-02	368992.63	3758138.09	7.97E-02	368992.63	3758138.09	5.13E-01
369011.06	3758086.77	1.23E+00	369011.06	3758086.77	3.95E+00	369011.06	3758086.77	1.47E+00	369011.06	3758086.77	8.25E-02	369011.06	3758086.77	8.25E-02	369011.06	3758086.77	5.05E-01
369048.25	3755468.56	1.74E+00	369048.25	3755468.56	5.28E+00	369048.25	3755468.56	1.96E+00	369048.25	3755468.56	1.17E-01	369048.25	3755468.56	1.17E-01	369048.25	3755468.56	2.72E-01
369097.31	3758131.13	1.24E+00	369097.31	3758131.13	4.01E+00	369097.31	3758131.13	1.49E+00	369097.31	3758131.13	8.46E-02	369097.31	3758131.13	8.46E-02	369097.31	3758131.13	5.62E-01
369140.50	3755467.40	1.63E+00	369140.50	3755467.40	4.97E+00	369140.50	3755467.40	1.84E+00	369140.50	3755467.40	1.11E-01	369140.50	3755467.40	1.11E-01	369140.50	3755467.40	2.61E-01
369216.91	3758091.16	1.30E+00	369216.91	3758091.16	4.22E+00	369216.91	3758091.16	1.57E+00	369216.91	3758091.16	8.98E-02	369216.91	3758091.16	8.98E-02	369216.91	3758091.16	6.03E-01
369232.76	3755466.24	1.48E+00	369232.76	3755466.24	4.51E+00	369232.76	3755466.24	1.66E+00	369232.76	3755466.24	1.02E-01	369232.76	3755466.24	1.02E-01	369232.76	3755466.24	2.71E-01
369267.76	3758146.04	1.15E+00	369267.76	3758146.04	3.55E+00	369267.76	3758146.04	1.31E+00	369267.76	3758146.04	7.32E-02	369267.76	3758146.04	7.32E-02	369267.76	3758146.04	4.63E-01
369271.60	3758257.04	1.05E+00	369271.60	3758257.04	3.48E+00	369271.60	3758257.04	1.29E+00	369271.60	3758257.04	7.58E-02	369271.60	3758257.04	7.58E-02	369271.60	3758257.04	6.31E-01
369323.20	3758086.63	1.21E+00	369323.20	3758086.63	3.72E+00	369323.20	3758086.63	1.37E+00	369323.20	3758086.63	7.66E-02	369323.20	3758086.63	7.66E-02	369323.20	3758086.63	4.09E-01
369328.65	3758304.45	9.33E-01	369328.65	3758304.45	3.14E+00	369328.65	3758304.45	1.16E+00	369328.65	3758304.45	6.94E-02	369328.65	3758304.45	6.94E-02	369328.65	3758304.45	6.21E-01
369329.84	3755464.79	1.35E+00	369329.84	3755464.79	4.26E+00	369329.84	3755464.79	1.59E+00	369329.84	3755464.79	9.50E-02	369329.84	3755464.79	9.50E-02	369329.84	3755464.79	2.78E-01
369342.43	3757939.52	1.42E+00	369342.43	3757939.52	4.37E+00	369342.43	3757939.52	1.62E+00	369342.43	3757939.52	8.95E-02	369342.43	3757939.52	8.95E-02	369342.43	3757939.52	3.99E-01
369386.54	3758429.44	7.26E-01	369386.54	3758429.44	2.48E+00	369386.54	3758429.44	9.19E-01	369386.54	3758429.44	5.60E-02	369386.54	3758429.44	5.60E-02	369386.54	3758429.44	5.38E-01
369387.36	3758507.02	6.59E-01	369387.36	3758507.02	2.19E+00	369387.36	3758507.02	8.20E-01	369387.36	3758507.02	5.00E-02	369387.36	3758507.02	5.00E-02	369387.36	3758507.02	6.46E-01
369409.11	3758008.60	1.29E+00	369409.11	3758008.60	3.98E+00	369409.11	3758008.60	1.47E+00	369409.11	3758008.60	8.23E-02	369409.11	3758008.60	8.23E-02	369409.11	3758008.60	4.85E-01
369426.92	3755463.35	1.32E+00	369426.92	3755463.35	4.18E+00	369426.92	3755463.35	1.56E+00	369426.92	3755463.35	9.10E-02	369426.92	3755463.35	9.10E-02	369426.92	3755463.35	2.78E-01
369468.66	3758583.75	7.34E-01	369468.66	3758583.75	2.37E+00	369468.66	3758583.75	8.82E-01	369468.66	3758583.75	5.12E-02	369468.66	3758583.75	5.12E-02	369468.66	3758583.75	6.93E-01
369524.00	3755461.90	1.37E+00	369524.00	3755461.90	4.37E+00	369524.00	3755461.90	1.63E+00	369524.00	3755461.90	9.20E-02	369524.00	3755461.90	9.20E-02	369524.00	3755461.90	2.72E-01
369549.13	3758582.89	8.98E-01	369549.13	3758582.89	2.87E+00	369549.13	3758582.89	1.08E+00	369549.13	3758582.89	6.09E-02	369549.13	3758582.89	6.09E-02	369549.13	3758582.89	6.26E-01
369621.08	3755460.45	1.44E+00	369621.08	3755460.45	4.52E+00	369621.08	3755460.45	1.69E+00	369621.08	3755460.45	9.29E-02	369621.08	3755460.45	9.29E-02	369621.08	3755460.45	2.59E-01
369629.61	3758582.03	1.00E+00	369629.61	3758582.03	3.20E+00	369629.61	3758582.03	1.21E+00	369629.61	3758582.03	6.75E-02	369629.61	3758582.03	6.75E-02	369629.61	3758582.03	6.08E-01
369710.08	3758581.17	9.38E-01	369710.08	3758581.17	2.99E+00	369710.08	3758581.17	1.14E+00	369710.08	3758581.17	6.29E-02	369710.08	3758581.17	6.29E-02	369710.08	3758581.17	5.71E-01
369718.16	3755459.00	1.47E+00	369718.16	3755459.00	4.62E+00	369718.16	3755459.00	1.73E+00	369718.16	3755459.00	9.53E-02	369718.16	3755459.00	9.53E-02	369718.16	3755459.00	2.40E-01
369787.02	3758286.68	1.16E+00	369787.02	3758286.68	3.69E+00	369787.02	3758286.68	1.38E+00	369787.02	3758286.68	7.75E-02	369787.02	3758286.68	7.75E-02	369787.02	3758286.68	5.71E-01
369788.19	3758398.38	1.06E+00	369788.19	3758398.38	3.34E+00	369788.19	3758398.38	1.24E+00	369788.19	3758398.38	6.98E-02	369788.19	3758398.38	6.98E-02	369788.19	3758398.38	5.71E-01
369789.37	3758489.35	9.86E-01	369789.37	3758489.35	3.12E+00	369789.37	3758489.35	1.16E+00	369789.37	3758489.35	6.54E-02	369789.37	3758489.35	6.54E-02	369789.37	3758489.35	5.53E-01
369815.24	3755457.56	1.78E+00	369815.24	3755457.56	5.53E+00	369815.24	3755457.56	2.10E+00	369815.24	3755457.56	1.12E-01	369815.24	3755457.56	1.12E-01	369815.24	3755457.56	2.15E-01
369882.84	3758285.07	1.19E+00	369882.84	3758285.07	3.76E+00	369882.84	3758285.07	1.40E+00	369882.84	3758285.07	7.89E-02	369882.84	3758285.07	7.89E-02	369882.84	3758285.07	5.49E-01
369912.32	3755456.11	1.94E+00	369912.32	3755456.11	6.02E+00	369912.32	3755456.11	2.28E+00	369912.32	3755456.11	1.22E-01	369912.32	3755456.11	1.22E-01	369912.32	3755456.11	2.07E-01
369978.66	3758283.45	1.18E+00	369978.66	3758283.45	3.75E+00	369978.66	3758283.45	1.39E+00	369978.66	3758283.45	7.94E-02	369978.66	3758283.45	7.94E-02	369978.66	3758283.45	6.99E-01
370009.40	3755454.66	1.94E+00	370009.40	3755454.66	6.01E+00	370009.40	3755454.66	2.26E+00	370009.40	3755454.66	1.22E-01	370009.40	3755454.66	1.22E-01	370009.40	3755454.66	2.33E-01
370056.44	3758282.14	1.15E+00	370056.44	3758282.14	3.74E+00	370056.44	3758282.14	1.39E+00	370056.44	3758282.14	8.05E-02	370056.44	3758282.14	8.05E-02	370056.44	3758282.14	7.71E-01
370106.48	3755453.21	1.84E+00	370106.48	3755453.21	5.68E+00	370106.48	3755453.21	2.11E+00	370106.48	3755453.21	1.16E-01	370106.48	3755453.21	1.16E-01	370106.48	3755453.21	2.54E-01
370130.90	3758282.44	1.08E+00	370130.90	3758282.44	3.60E+00	370130.90	3758282.44	1.34E+00	370130.90	3758282.44	7.90E-02	370130.90	3758282.44	7.90E-02	370130.90	3758282.44	8.04E-01
370203.56	3755451.77	1.68E+00	370203.56	3755451.77	5.18E+00	370203.56	3755451.77	1.93E+00	370203.56	3755451.77	1.07E-01	370203.56	3755451.77	1.07E-01	370203.56	3755451.77	2.87E-01

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001) Without Mitigation (no practical mitigation)			Emissions Source: Diesel Exhaust (G002) Without Mitigation			Emissions Source: Diesel Exhaust (G002) With Mitigation			Emissions Source: Gasoline Exhaust (G003) Without Mitigation			Emissions Source: Gasoline Exhaust (G003) With Mitigation			Emissions Source: Paving Evaporation (G004) Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
370226.81	3758159.47	1.07E+00	370226.81	3758159.47	3.46E+00	370226.81	3758159.47	1.27E+00	370226.81	3758159.47	7.53E-02	370226.81	3758159.47	7.53E-02	370226.81	3758159.47	6.51E-01
370227.55	3758221.46	1.03E+00	370227.55	3758221.46	3.31E+00	370227.55	3758221.46	1.22E+00	370227.55	3758221.46	7.20E-02	370227.55	3758221.46	7.20E-02	370227.55	3758221.46	6.86E-01
370228.30	3758283.44	9.81E-01	370228.30	3758283.44	3.16E+00	370228.30	3758283.44	1.16E+00	370228.30	3758283.44	6.87E-02	370228.30	3758283.44	6.87E-02	370228.30	3758283.44	6.44E-01
370253.14	3758168.84	1.03E+00	370253.14	3758168.84	3.34E+00	370253.14	3758168.84	1.23E+00	370253.14	3758168.84	7.31E-02	370253.14	3758168.84	7.31E-02	370253.14	3758168.84	6.47E-01
370300.64	3755450.32	1.61E+00	370300.64	3755450.32	4.95E+00	370300.64	3755450.32	1.85E+00	370300.64	3755450.32	1.01E-01	370300.64	3755450.32	1.01E-01	370300.64	3755450.32	4.17E-01
370308.97	3758176.51	9.60E-01	370308.97	3758176.51	3.12E+00	370308.97	3758176.51	1.14E+00	370308.97	3758176.51	6.89E-02	370308.97	3758176.51	6.89E-02	370308.97	3758176.51	6.61E-01
370356.87	3758202.23	8.83E-01	370356.87	3758202.23	2.88E+00	370356.87	3758202.23	1.05E+00	370356.87	3758202.23	6.41E-02	370356.87	3758202.23	6.41E-02	370356.87	3758202.23	6.55E-01
370397.72	3755448.87	1.50E+00	370397.72	3755448.87	4.60E+00	370397.72	3755448.87	1.70E+00	370397.72	3755448.87	9.43E-02	370397.72	3755448.87	9.43E-02	370397.72	3755448.87	4.30E-01
370404.21	3758225.88	8.05E-01	370404.21	3758225.88	2.65E+00	370404.21	3758225.88	9.67E-01	370404.21	3758225.88	5.92E-02	370404.21	3758225.88	5.92E-02	370404.21	3758225.88	6.10E-01
370422.64	3758284.19	7.48E-01	370422.64	3758284.19	2.45E+00	370422.64	3758284.19	9.02E-01	370422.64	3758284.19	5.49E-02	370422.64	3758284.19	5.49E-02	370422.64	3758284.19	5.11E-01
370442.78	3758228.43	8.12E-01	370442.78	3758228.43	2.64E+00	370442.78	3758228.43	9.80E-01	370442.78	3758228.43	5.59E-02	370442.78	3758228.43	5.59E-02	370442.78	3758228.43	5.94E-01
370465.02	3755455.18	1.41E+00	370465.02	3755455.18	4.31E+00	370465.02	3755455.18	1.58E+00	370465.02	3755455.18	8.92E-02	370465.02	3755455.18	8.92E-02	370465.02	3755455.18	4.19E-01
370522.53	3758282.84	8.12E-01	370522.53	3758282.84	2.65E+00	370522.53	3758282.84	9.85E-01	370522.53	3758282.84	5.65E-02	370522.53	3758282.84	5.65E-02	370522.53	3758282.84	4.90E-01
370558.15	3755458.94	1.31E+00	370558.15	3755458.94	4.10E+00	370558.15	3755458.94	1.53E+00	370558.15	3755458.94	8.43E-02	370558.15	3755458.94	8.43E-02	370558.15	3755458.94	7.21E-01
370622.42	3758281.49	8.51E-01	370622.42	3758281.49	2.80E+00	370622.42	3758281.49	1.04E+00	370622.42	3758281.49	6.00E-02	370622.42	3758281.49	6.00E-02	370622.42	3758281.49	4.68E-01
370624.63	3755467.51	1.37E+00	370624.63	3755467.51	4.31E+00	370624.63	3755467.51	1.61E+00	370624.63	3755467.51	8.86E-02	370624.63	3755467.51	8.86E-02	370624.63	3755467.51	7.05E-01
370691.11	3755476.08	1.40E+00	370691.11	3755476.08	4.39E+00	370691.11	3755476.08	1.63E+00	370691.11	3755476.08	9.07E-02	370691.11	3755476.08	9.07E-02	370691.11	3755476.08	6.38E-01
370722.31	3758280.14	8.57E-01	370722.31	3758280.14	2.84E+00	370722.31	3758280.14	1.06E+00	370722.31	3758280.14	6.13E-02	370722.31	3758280.14	6.13E-02	370722.31	3758280.14	4.28E-01
370757.38	3755493.32	1.40E+00	370757.38	3755493.32	4.39E+00	370757.38	3755493.32	1.63E+00	370757.38	3755493.32	9.10E-02	370757.38	3755493.32	9.10E-02	370757.38	3755493.32	5.66E-01
370792.87	3757995.38	1.09E+00	370792.87	3757995.38	3.58E+00	370792.87	3757995.38	1.34E+00	370792.87	3757995.38	7.67E-02	370792.87	3757995.38	7.67E-02	370792.87	3757995.38	8.79E-01
370797.01	3758107.02	9.42E-01	370797.01	3758107.02	3.15E+00	370797.01	3758107.02	1.17E+00	370797.01	3758107.02	6.91E-02	370797.01	3758107.02	6.91E-02	370797.01	3758107.02	6.68E-01
370798.36	3758194.12	8.88E-01	370798.36	3758194.12	2.97E+00	370798.36	3758194.12	1.10E+00	370798.36	3758194.12	6.47E-02	370798.36	3758194.12	6.47E-02	370798.36	3758194.12	5.38E-01
370798.51	3757946.46	1.18E+00	370798.51	3757946.46	3.86E+00	370798.51	3757946.46	1.45E+00	370798.51	3757946.46	8.26E-02	370798.51	3757946.46	8.26E-02	370798.51	3757946.46	9.19E-01
370799.71	3758281.23	8.37E-01	370799.71	3758281.23	2.79E+00	370799.71	3758281.23	1.04E+00	370799.71	3758281.23	6.06E-02	370799.71	3758281.23	6.06E-02	370799.71	3758281.23	4.22E-01
370807.53	3755529.02	1.39E+00	370807.53	3755529.02	4.37E+00	370807.53	3755529.02	1.62E+00	370807.53	3755529.02	9.12E-02	370807.53	3755529.02	9.12E-02	370807.53	3755529.02	5.35E-01
370818.52	3757901.47	1.25E+00	370818.52	3757901.47	4.09E+00	370818.52	3757901.47	1.53E+00	370818.52	3757901.47	8.76E-02	370818.52	3757901.47	8.76E-02	370818.52	3757901.47	9.24E-01
370851.08	3757864.53	1.28E+00	370851.08	3757864.53	4.20E+00	370851.08	3757864.53	1.58E+00	370851.08	3757864.53	9.01E-02	370851.08	3757864.53	9.01E-02	370851.08	3757864.53	9.23E-01
370854.34	3755560.20	1.36E+00	370854.34	3755560.20	4.31E+00	370854.34	3755560.20	1.59E+00	370854.34	3755560.20	9.04E-02	370854.34	3755560.20	9.04E-02	370854.34	3755560.20	4.91E-01
370901.14	3755591.38	1.32E+00	370901.14	3755591.38	4.20E+00	370901.14	3755591.38	1.54E+00	370901.14	3755591.38	8.87E-02	370901.14	3755591.38	8.87E-02	370901.14	3755591.38	3.99E-01
370908.58	3757858.61	1.24E+00	370908.58	3757858.61	4.06E+00	370908.58	3757858.61	1.52E+00	370908.58	3757858.61	8.72E-02	370908.58	3757858.61	8.72E-02	370908.58	3757858.61	1.00E+00
370929.68	3755646.61	1.32E+00	370929.68	3755646.61	4.20E+00	370929.68	3755646.61	1.55E+00	370929.68	3755646.61	8.93E-02	370929.68	3755646.61	8.93E-02	370929.68	3755646.61	4.23E-01
370932.48	3755705.67	1.35E+00	370932.48	3755705.67	4.39E+00	370932.48	3755705.67	1.63E+00	370932.48	3755705.67	9.32E-02	370932.48	3755705.67	9.32E-02	370932.48	3755705.67	4.70E-01
370959.17	3757378.41	3.79E+00	370959.17	3757378.41	1.18E+01	370959.17	3757378.41	4.38E+00	370959.17	3757378.41	2.46E-01	370959.17	3757378.41	2.46E-01	370959.17	3757378.41	8.21E-01
370959.96	3757296.11	4.47E+00	370959.96	3757296.11	1.40E+01	370959.96	3757296.11	5.15E+00	370959.96	3757296.11	2.94E-01	370959.96	3757296.11	2.94E-01	370959.96	3757296.11	7.83E-01
370960.75	3757213.81	4.66E+00	370960.75	3757213.81	1.47E+01	370960.75	3757213.81	5.40E+00	370960.75	3757213.81	3.14E-01	370960.75	3757213.81	3.14E-01	370960.75	3757213.81	8.13E-01
370961.54	3757131.50	4.48E+00	370961.54	3757131.50	1.44E+01	370961.54	3757131.50	5.28E+00	370961.54	3757131.50	3.09E-01	370961.54	3757131.50	3.09E-01	370961.54	3757131.50	7.99E-01
370962.33	3757049.20	5.48E+00	370962.33	3757049.20	1.80E+01	370962.33	3757049.20	6.67E+00	370962.33	3757049.20	3.95E-01	370962.33	3757049.20	3.95E-01	370962.33	3757049.20	6.78E-01
370963.12	3756966.90	5.05E+00	370963.12	3756966.90	1.81E+01	370963.12	3756966.90	6.91E+00	370963.12	3756966.90	4.20E-01	370963.12	3756966.90	4.20E-01	370963.12	3756966.90	5.97E-01
370966.07	3757852.69	1.22E+00	370966.07	3757852.69	3.94E+00	370966.07	3757852.69	1.47E+00	370966.07	3757852.69	8.48E-02	370966.07	3757852.69	8.48E-02	370966.07	3757852.69	1.08E+00
370968.09	3757808.70	1.31E+00	370968.09	3757808.70	4.16E+00	370968.09	3757808.70	1.57E+00	370968.09	3757808.70	8.95E-02	370968.09	3757808.70	8.95E-02	370968.09	3757808.70	1.03E+00
370983.75	3755705.22	1.34E+00	370983.75	3755705.22	4.38E+00	370983.75	3755705.22	1.63E+00	370983.75	3755705.22	9.34E-02	370983.75	3755705.22	9.34E-02	370983.75	3755705.22	4.59E-01
370986.42	3755628.02	1.26E+00	370986.42	3755628.02	4.10E+00	370986.42	3755628.02	1.52E+00	370986.42	3755628.02	8.71E-02	370986.42	3755628.02	8.71E-02	370986.42	3755628.02	4.37E-01
370989.10	3755550.81	1.20E+00	370989.10	3755550.81	3.82E+00	370989.10	3755550.81	1.41E+00	370989.10	3755550.81	8.13E-02	370989.10	3755550.81	8.13E-02	370989.10	3755550.81	4.60E-01











LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
368764.68	3758079.93	9.94E-01	368764.68	3758079.93	3.18E+00	368764.68	3758079.93	1.20E+00	368764.68	3758079.93	6.56E-02	368764.68	3758079.93	6.56E-02	368764.68	3758079.93	4.45E-01
368900.00	3754500.00	5.98E-01	368900.00	3754500.00	1.88E+00	368900.00	3754500.00	7.04E-01	368900.00	3754500.00	4.31E-02	368900.00	3754500.00	4.31E-02	368900.00	3754500.00	1.83E-01
368900.00	3759500.00	3.77E-01	368900.00	3759500.00	1.29E+00	368900.00	3759500.00	4.82E-01	368900.00	3759500.00	2.90E-02	368900.00	3759500.00	2.90E-02	368900.00	3759500.00	3.01E-01
368900.00	3761500.00	1.97E-01	368900.00	3761500.00	6.28E-01	368900.00	3761500.00	2.34E-01	368900.00	3761500.00	1.32E-02	368900.00	3761500.00	1.32E-02	368900.00	3761500.00	9.53E-02
368900.00	3762500.00	1.79E-01	368900.00	3762500.00	5.50E-01	368900.00	3762500.00	2.05E-01	368900.00	3762500.00	1.13E-02	368900.00	3762500.00	1.13E-02	368900.00	3762500.00	6.81E-02
368900.00	3763500.00	1.65E-01	368900.00	3763500.00	5.05E-01	368900.00	3763500.00	1.87E-01	368900.00	3763500.00	1.03E-02	368900.00	3763500.00	1.03E-02	368900.00	3763500.00	5.02E-02
368900.00	3764500.00	1.46E-01	368900.00	3764500.00	4.46E-01	368900.00	3764500.00	1.65E-01	368900.00	3764500.00	9.10E-03	368900.00	3764500.00	9.10E-03	368900.00	3764500.00	5.00E-02
368944.10	3758186.12	1.13E+00	368944.10	3758186.12	3.63E+00	368944.10	3758186.12	1.35E+00	368944.10	3758186.12	7.61E-02	368944.10	3758186.12	7.61E-02	368944.10	3758186.12	5.34E-01
369206.25	3758147.26	1.23E+00	369206.25	3758147.26	3.99E+00	369206.25	3758147.26	1.48E+00	369206.25	3758147.26	8.51E-02	369206.25	3758147.26	8.51E-02	369206.25	3758147.26	5.72E-01
369268.49	3758066.34	1.31E+00	369268.49	3758066.34	4.27E+00	369268.49	3758066.34	1.59E+00	369268.49	3758066.34	9.12E-02	369268.49	3758066.34	9.12E-02	369268.49	3758066.34	5.95E-01
369333.85	3757999.43	1.34E+00	369333.85	3757999.43	4.25E+00	369333.85	3757999.43	1.58E+00	369333.85	3757999.43	8.93E-02	369333.85	3757999.43	8.93E-02	369333.85	3757999.43	4.97E-01
369425.60	3758641.99	6.50E-01	369425.60	3758641.99	2.14E+00	369425.60	3758641.99	8.04E-01	369425.60	3758641.99	4.58E-02	369425.60	3758641.99	4.58E-02	369425.60	3758641.99	6.34E-01
369599.53	3758634.67	9.46E-01	369599.53	3758634.67	3.03E+00	369599.53	3758634.67	1.14E+00	369599.53	3758634.67	6.40E-02	369599.53	3758634.67	6.40E-02	369599.53	3758634.67	6.02E-01
369775.29	3758632.83	9.17E-01	369775.29	3758632.83	2.93E+00	369775.29	3758632.83	1.11E+00	369775.29	3758632.83	6.22E-02	369775.29	3758632.83	6.22E-02	369775.29	3758632.83	5.58E-01
369834.01	3758329.33	1.14E+00	369834.01	3758329.33	3.59E+00	369834.01	3758329.33	1.34E+00	369834.01	3758329.33	7.51E-02	369834.01	3758329.33	7.51E-02	369834.01	3758329.33	5.67E-01
369900.00	3754500.00	1.11E+00	369900.00	3754500.00	3.42E+00	369900.00	3754500.00	1.28E+00	369900.00	3754500.00	6.97E-02	369900.00	3754500.00	6.97E-02	369900.00	3754500.00	3.23E-01
369900.00	3758500.00	1.00E+00	369900.00	3758500.00	3.18E+00	369900.00	3758500.00	1.18E+00	369900.00	3758500.00	6.70E-02	369900.00	3758500.00	6.70E-02	369900.00	3758500.00	5.15E-01
369900.00	3759500.00	5.71E-01	369900.00	3759500.00	1.92E+00	369900.00	3759500.00	7.14E-01	369900.00	3759500.00	4.22E-02	369900.00	3759500.00	4.22E-02	369900.00	3759500.00	7.22E-01
369900.00	3761500.00	2.27E-01	369900.00	3761500.00	7.27E-01	369900.00	3761500.00	2.69E-01	369900.00	3761500.00	1.54E-02	369900.00	3761500.00	1.54E-02	369900.00	3761500.00	8.04E-02
369900.00	3762500.00	1.66E-01	369900.00	3762500.00	5.32E-01	369900.00	3762500.00	1.97E-01	369900.00	3762500.00	1.13E-02	369900.00	3762500.00	1.13E-02	369900.00	3762500.00	6.25E-02
369900.00	3764500.00	1.00E-01	369900.00	3764500.00	3.19E-01	369900.00	3764500.00	1.18E-01	369900.00	3764500.00	6.78E-03	369900.00	3764500.00	6.78E-03	369900.00	3764500.00	3.49E-02
370006.10	3758331.16	1.13E+00	370006.10	3758331.16	3.72E+00	370006.10	3758331.16	1.38E+00	370006.10	3758331.16	8.03E-02	370006.10	3758331.16	8.03E-02	370006.10	3758331.16	7.77E-01
370183.69	3758338.49	9.89E-01	370183.69	3758338.49	3.25E+00	370183.69	3758338.49	1.20E+00	370183.69	3758338.49	7.11E-02	370183.69	3758338.49	7.11E-02	370183.69	3758338.49	7.04E-01
370425.35	3758336.66	7.12E-01	370425.35	3758336.66	2.34E+00	370425.35	3758336.66	8.57E-01	370425.35	3758336.66	5.23E-02	370425.35	3758336.66	5.23E-02	370425.35	3758336.66	4.64E-01
370701.79	3758334.82	8.18E-01	370701.79	3758334.82	2.70E+00	370701.79	3758334.82	1.01E+00	370701.79	3758334.82	5.83E-02	370701.79	3758334.82	5.83E-02	370701.79	3758334.82	3.91E-01
370780.52	3758327.50	8.14E-01	370780.52	3758327.50	2.70E+00	370780.52	3758327.50	1.01E+00	370780.52	3758327.50	5.87E-02	370780.52	3758327.50	5.87E-02	370780.52	3758327.50	3.86E-01
370900.00	3759500.00	4.60E-01	370900.00	3759500.00	1.49E+00	370900.00	3759500.00	5.61E-01	370900.00	3759500.00	3.14E-02	370900.00	3759500.00	3.14E-02	370900.00	3759500.00	4.16E-01
370900.00	3760500.00	2.62E-01	370900.00	3760500.00	8.59E-01	370900.00	3760500.00	3.18E-01	370900.00	3760500.00	1.83E-02	370900.00	3760500.00	1.83E-02	370900.00	3760500.00	2.31E-01
370900.00	3762500.00	1.30E-01	370900.00	3762500.00	4.05E-01	370900.00	3762500.00	1.53E-01	370900.00	3762500.00	8.31E-03	370900.00	3762500.00	8.31E-03	370900.00	3762500.00	4.82E-02
370900.00	3763500.00	7.96E-02	370900.00	3763500.00	2.56E-01	370900.00	3763500.00	9.53E-02	370900.00	3763500.00	5.57E-03	370900.00	3763500.00	5.57E-03	370900.00	3763500.00	3.97E-02
370900.00	3764500.00	6.99E-02	370900.00	3764500.00	2.23E-01	370900.00	3764500.00	8.24E-02	370900.00	3764500.00	4.85E-03	370900.00	3764500.00	4.85E-03	370900.00	3764500.00	3.08E-02
371295.29	3758036.94	1.10E+00	371295.29	3758036.94	3.43E+00	371295.29	3758036.94	1.28E+00	371295.29	3758036.94	7.93E-02	371295.29	3758036.94	7.93E-02	371295.29	3758036.94	6.97E-01
371421.46	3758118.19	1.03E+00	371421.46	3758118.19	3.20E+00	371421.46	3758118.19	1.19E+00	371421.46	3758118.19	6.74E-02	371421.46	3758118.19	6.74E-02	371421.46	3758118.19	6.10E-01
371550.51	3758209.00	9.54E-01	371550.51	3758209.00	2.96E+00	371550.51	3758209.00	1.10E+00	371550.51	3758209.00	6.23E-02	371550.51	3758209.00	6.23E-02	371550.51	3758209.00	7.74E-01
371685.28	3758299.81	8.72E-01	371685.28	3758299.81	2.73E+00	371685.28	3758299.81	1.01E+00	371685.28	3758299.81	5.73E-02	371685.28	3758299.81	5.73E-02	371685.28	3758299.81	7.01E-01
371754.11	3758291.20	8.49E-01	371754.11	3758291.20	2.66E+00	371754.11	3758291.20	9.81E-01	371754.11	3758291.20	5.61E-02	371754.11	3758291.20	5.61E-02	371754.11	3758291.20	6.65E-01
371807.64	3758213.78	9.70E-01	371807.64	3758213.78	2.97E+00	371807.64	3758213.78	1.10E+00	371807.64	3758213.78	6.22E-02	371807.64	3758213.78	6.22E-02	371807.64	3758213.78	7.12E-01
371874.55	3758164.07	1.12E+00	371874.55	3758164.07	3.39E+00	371874.55	3758164.07	1.26E+00	371874.55	3758164.07	7.06E-02	371874.55	3758164.07	7.06E-02	371874.55	3758164.07	7.78E-01
371900.00	3758500.00	7.49E-01	371900.00	3758500.00	2.34E+00	371900.00	3758500.00	8.65E-01	371900.00	3758500.00	4.90E-02	371900.00	3758500.00	4.90E-02	371900.00	3758500.00	5.41E-01
371900.00	3759500.00	3.05E-01	371900.00	3759500.00	9.73E-01	371900.00	3759500.00	3.63E-01	371900.00	3759500.00	2.09E-02	371900.00	3759500.00	2.09E-02	371900.00	3759500.00	1.50E-01
371900.00	3762500.00	2.13E-01	371900.00	3762500.00	7.00E-01	371900.00	3762500.00	2.61E-01	371900.00	3762500.00	1.49E-02	371900.00	3762500.00	1.49E-02	371900.00	3762500.00	1.22E-01
371900.00	3763500.00	1.07E-01	371900.00	3763500.00	3.36E-01	371900.00	3763500.00	1.25E-01	371900.00	3763500.00	6.97E-03	371900.00	3763500.00	6.97E-03	371900.00	3763500.00	5.97E-02
371933.81	3758104.81	1.27E+00	371933.81	3758104.81	3.81E+00	371933.81	3758104.81	1.41E+00	371933.81	3758104.81	7.91E-02	371933.81	3758104.81	7.91E-02	371933.81	3758104.81	8.58E-01

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M
372241.00	3757883.00	2.17E+00	372241.00	3757883.00	3.79E+00	372241.00	3757883.00	1.40E+00	372241.00	3757883.00	1.11E-01	372241.00	3757883.00	1.11E-01	372241.00	3757883.00	1.27E+00
372241.00	3757983.00	1.27E+00	372241.00	3757983.00	3.89E+00	372241.00	3757983.00	1.44E+00	372241.00	3757983.00	9.55E-02	372241.00	3757983.00	9.55E-02	372241.00	3757983.00	1.03E+00
372341.00	3757883.00	2.16E+00	372341.00	3757883.00	3.42E+00	372341.00	3757883.00	1.26E+00	372341.00	3757883.00	1.24E-01	372341.00	3757883.00	1.24E-01	372341.00	3757883.00	1.29E+00
372341.00	3757983.00	1.30E+00	372341.00	3757983.00	3.61E+00	372341.00	3757983.00	1.33E+00	372341.00	3757983.00	9.19E-02	372341.00	3757983.00	9.19E-02	372341.00	3757983.00	1.14E+00
372900.00	3753500.00	3.19E-01	372900.00	3753500.00	1.06E+00	372900.00	3753500.00	3.97E-01	372900.00	3753500.00	2.33E-02	372900.00	3753500.00	2.33E-02	372900.00	3753500.00	1.74E-01
372900.00	3754500.00	4.47E-01	372900.00	3754500.00	1.41E+00	372900.00	3754500.00	5.25E-01	372900.00	3754500.00	2.95E-02	372900.00	3754500.00	2.95E-02	372900.00	3754500.00	2.83E-01
372900.00	3759500.00	4.24E-01	372900.00	3759500.00	1.32E+00	372900.00	3759500.00	4.87E-01	372900.00	3759500.00	2.74E-02	372900.00	3759500.00	2.74E-02	372900.00	3759500.00	2.51E-01
372900.00	3760500.00	2.32E-01	372900.00	3760500.00	7.42E-01	372900.00	3760500.00	2.76E-01	372900.00	3760500.00	1.60E-02	372900.00	3760500.00	1.60E-02	372900.00	3760500.00	1.48E-01
372900.00	3761500.00	1.67E-01	372900.00	3761500.00	5.82E-01	372900.00	3761500.00	2.18E-01	372900.00	3761500.00	1.31E-02	372900.00	3761500.00	1.31E-02	372900.00	3761500.00	2.01E-01
372900.00	3762500.00	1.19E-01	372900.00	3762500.00	3.98E-01	372900.00	3762500.00	1.48E-01	372900.00	3762500.00	8.56E-03	372900.00	3762500.00	8.56E-03	372900.00	3762500.00	1.60E-01
373541.00	3757783.00	5.72E-01	373541.00	3757783.00	1.85E+00	373541.00	3757783.00	6.87E-01	373541.00	3757783.00	1.13E-01	373541.00	3757783.00	1.13E-01	373541.00	3757783.00	9.17E-01
373541.00	3757883.00	5.40E-01	373541.00	3757883.00	1.74E+00	373541.00	3757883.00	6.45E-01	373541.00	3757883.00	1.01E-01	373541.00	3757883.00	1.01E-01	373541.00	3757883.00	9.09E-01
373541.00	3757983.00	4.96E-01	373541.00	3757983.00	1.58E+00	373541.00	3757983.00	5.89E-01	373541.00	3757983.00	8.26E-02	373541.00	3757983.00	8.26E-02	373541.00	3757983.00	7.61E-01
373641.00	3756983.00	6.43E-01	373641.00	3756983.00	2.08E+00	373641.00	3756983.00	7.71E-01	373641.00	3756983.00	5.82E-02	373641.00	3756983.00	5.82E-02	373641.00	3756983.00	1.94E+00
373641.00	3757083.00	6.39E-01	373641.00	3757083.00	2.07E+00	373641.00	3757083.00	7.70E-01	373641.00	3757083.00	6.21E-02	373641.00	3757083.00	6.21E-02	373641.00	3757083.00	2.58E+00
373641.00	3757183.00	6.24E-01	373641.00	3757183.00	2.03E+00	373641.00	3757183.00	7.55E-01	373641.00	3757183.00	7.78E-02	373641.00	3757183.00	7.78E-02	373641.00	3757183.00	2.60E+00
373641.00	3757283.00	5.96E-01	373641.00	3757283.00	1.95E+00	373641.00	3757283.00	7.23E-01	373641.00	3757283.00	9.47E-02	373641.00	3757283.00	9.47E-02	373641.00	3757283.00	2.36E+00
373641.00	3757383.00	5.63E-01	373641.00	3757383.00	1.84E+00	373641.00	3757383.00	6.83E-01	373641.00	3757383.00	1.04E-01	373641.00	3757383.00	1.04E-01	373641.00	3757383.00	2.58E+00
373641.00	3757483.00	5.22E-01	373641.00	3757483.00	1.80E+00	373641.00	3757483.00	6.80E-01	373641.00	3757483.00	1.20E-01	373641.00	3757483.00	1.20E-01	373641.00	3757483.00	2.36E+00
373641.00	3757583.00	5.53E-01	373641.00	3757583.00	1.80E+00	373641.00	3757583.00	6.66E-01	373641.00	3757583.00	1.19E-01	373641.00	3757583.00	1.19E-01	373641.00	3757583.00	1.89E+00
373641.00	3757683.00	5.63E-01	373641.00	3757683.00	1.82E+00	373641.00	3757683.00	6.77E-01	373641.00	3757683.00	9.81E-02	373641.00	3757683.00	9.81E-02	373641.00	3757683.00	1.54E+00
373641.00	3757783.00	5.56E-01	373641.00	3757783.00	1.80E+00	373641.00	3757783.00	6.66E-01	373641.00	3757783.00	9.94E-02	373641.00	3757783.00	9.94E-02	373641.00	3757783.00	1.16E+00
373641.00	3757883.00	5.30E-01	373641.00	3757883.00	1.70E+00	373641.00	3757883.00	6.32E-01	373641.00	3757883.00	9.49E-02	373641.00	3757883.00	9.49E-02	373641.00	3757883.00	7.94E-01
373641.00	3757983.00	4.92E-01	373641.00	3757983.00	1.57E+00	373641.00	3757983.00	5.84E-01	373641.00	3757983.00	8.25E-02	373641.00	3757983.00	8.25E-02	373641.00	3757983.00	7.70E-01
373687.89	3757980.08	4.88E-01	373687.89	3757980.08	1.56E+00	373687.89	3757980.08	5.80E-01	373687.89	3757980.08	8.17E-02	373687.89	3757980.08	8.17E-02	373687.89	3757980.08	6.88E-01
373900.00	3753500.00	2.58E-01	373900.00	3753500.00	8.14E-01	373900.00	3753500.00	3.03E-01	373900.00	3753500.00	1.69E-02	373900.00	3753500.00	1.69E-02	373900.00	3753500.00	1.69E-01
373900.00	3754500.00	2.70E-01	373900.00	3754500.00	8.86E-01	373900.00	3754500.00	3.28E-01	373900.00	3754500.00	1.93E-02	373900.00	3754500.00	1.93E-02	373900.00	3754500.00	2.70E-01
373900.00	3755500.00	2.31E-01	373900.00	3755500.00	7.68E-01	373900.00	3755500.00	2.86E-01	373900.00	3755500.00	1.66E-02	373900.00	3755500.00	1.66E-02	373900.00	3755500.00	4.01E-01
373900.00	3756500.00	4.27E-01	373900.00	3756500.00	1.34E+00	373900.00	3756500.00	4.97E-01	373900.00	3756500.00	2.81E-02	373900.00	3756500.00	2.81E-02	373900.00	3756500.00	9.17E-01
373900.00	3757500.00	4.79E-01	373900.00	3757500.00	1.56E+00	373900.00	3757500.00	5.81E-01	373900.00	3757500.00	8.76E-02	373900.00	3757500.00	8.76E-02	373900.00	3757500.00	1.83E+00
373900.00	3758500.00	4.47E-01	373900.00	3758500.00	1.44E+00	373900.00	3758500.00	5.35E-01	373900.00	3758500.00	3.79E-02	373900.00	3758500.00	3.79E-02	373900.00	3758500.00	4.08E-01
373900.00	3760500.00	3.49E-01	373900.00	3760500.00	1.15E+00	373900.00	3760500.00	4.28E-01	373900.00	3760500.00	2.49E-02	373900.00	3760500.00	2.49E-02	373900.00	3760500.00	2.53E-01
373900.00	3761500.00	1.91E-01	373900.00	3761500.00	6.71E-01	373900.00	3761500.00	2.50E-01	373900.00	3761500.00	1.54E-02	373900.00	3761500.00	1.54E-02	373900.00	3761500.00	2.35E-01
373900.00	3764500.00	7.98E-02	373900.00	3764500.00	2.67E-01	373900.00	3764500.00	9.94E-02	373900.00	3764500.00	5.78E-03	373900.00	3764500.00	5.78E-03	373900.00	3764500.00	1.49E-01
374900.00	3754500.00	1.61E-01	374900.00	3754500.00	4.97E-01	374900.00	3754500.00	1.83E-01	374900.00	3754500.00	1.03E-02	374900.00	3754500.00	1.03E-02	374900.00	3754500.00	1.81E-01
374900.00	3755500.00	2.14E-01	374900.00	3755500.00	6.77E-01	374900.00	3755500.00	2.51E-01	374900.00	3755500.00	1.45E-02	374900.00	3755500.00	1.45E-02	374900.00	3755500.00	5.35E-01
374900.00	3756500.00	3.21E-01	374900.00	3756500.00	1.01E+00	374900.00	3756500.00	3.73E-01	374900.00	3756500.00	2.11E-02	374900.00	3756500.00	2.11E-02	374900.00	3756500.00	4.22E-01
374900.00	3757500.00	3.63E-01	374900.00	3757500.00	1.18E+00	374900.00	3757500.00	4.40E-01	374900.00	3757500.00	3.60E-02	374900.00	3757500.00	3.60E-02	374900.00	3757500.00	6.33E-01
374900.00	3759500.00	5.66E-01	374900.00	3759500.00	1.90E+00	374900.00	3759500.00	7.11E-01	374900.00	3759500.00	4.16E-02	374900.00	3759500.00	4.16E-02	374900.00	3759500.00	4.43E-01
374900.00	3760500.00	1.86E-01	374900.00	3760500.00	6.29E-01	374900.00	3760500.00	2.35E-01	374900.00	3760500.00	1.40E-02	374900.00	3760500.00	1.40E-02	374900.00	3760500.00	2.37E-01
374900.00	3761500.00	2.55E-01	374900.00	3761500.00	8.77E-01	374900.00	3761500.00	3.27E-01	374900.00	3761500.00	1.95E-02	374900.00	3761500.00	1.95E-02	374900.00	3761500.00	4.14E-01
374900.00	3762500.00	1.08E-01	374900.00	3762500.00	3.62E-01	374900.00	3762500.00	1.35E-01	374900.00	3762500.00	7.83E-03	374900.00	3762500.00	7.83E-03	374900.00	3762500.00	1.46E-01
374900.00	3763500.00	1.21E-01	374900.00	3763500.00	4.05E-01	374900.00	3763500.00	1.51E-01	374900.00	3763500.00	8.91E-03	374900.00	3763500.00	8.91E-03	374900.00	3763500.00	1.28E-01



LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
379900.00	3756500.00	1.96E-01	379900.00	3756500.00	6.70E-01	379900.00	3756500.00	2.51E-01	379900.00	3756500.00	1.49E-02	379900.00	3756500.00	1.49E-02	379900.00	3756500.00	1.42E-01
379900.00	3757500.00	1.21E-01	379900.00	3757500.00	4.17E-01	379900.00	3757500.00	1.56E-01	379900.00	3757500.00	9.59E-03	379900.00	3757500.00	9.59E-03	379900.00	3757500.00	2.55E-01
379900.00	3759500.00	1.47E-01	379900.00	3759500.00	4.89E-01	379900.00	3759500.00	1.83E-01	379900.00	3759500.00	1.25E-02	379900.00	3759500.00	1.25E-02	379900.00	3759500.00	1.97E-01
379900.00	3760500.00	1.28E-01	379900.00	3760500.00	4.19E-01	379900.00	3760500.00	1.56E-01	379900.00	3760500.00	1.03E-02	379900.00	3760500.00	1.03E-02	379900.00	3760500.00	1.93E-01
379900.00	3761500.00	1.19E-01	379900.00	3761500.00	3.97E-01	379900.00	3761500.00	1.48E-01	379900.00	3761500.00	8.97E-03	379900.00	3761500.00	8.97E-03	379900.00	3761500.00	1.47E-01
379900.00	3762500.00	2.16E-01	379900.00	3762500.00	7.16E-01	379900.00	3762500.00	2.67E-01	379900.00	3762500.00	1.55E-02	379900.00	3762500.00	1.55E-02	379900.00	3762500.00	9.91E-02
379900.00	3763500.00	1.01E-01	379900.00	3763500.00	2.85E-01	379900.00	3763500.00	1.06E-01	379900.00	3763500.00	9.74E-03	379900.00	3763500.00	9.74E-03	379900.00	3763500.00	1.06E-01
379900.00	3764500.00	6.30E-02	379900.00	3764500.00	2.12E-01	379900.00	3764500.00	7.91E-02	379900.00	3764500.00	4.69E-03	379900.00	3764500.00	4.69E-03	379900.00	3764500.00	8.02E-02
380900.00	3753500.00	8.15E-02	380900.00	3753500.00	2.79E-01	380900.00	3753500.00	1.05E-01	380900.00	3753500.00	6.18E-03	380900.00	3753500.00	6.18E-03	380900.00	3753500.00	9.68E-02
380900.00	3754500.00	1.33E-01	380900.00	3754500.00	4.62E-01	380900.00	3754500.00	1.74E-01	380900.00	3754500.00	1.04E-02	380900.00	3754500.00	1.04E-02	380900.00	3754500.00	8.18E-02
380900.00	3755500.00	1.14E-01	380900.00	3755500.00	3.94E-01	380900.00	3755500.00	1.48E-01	380900.00	3755500.00	8.79E-03	380900.00	3755500.00	8.79E-03	380900.00	3755500.00	1.71E-01
380900.00	3756500.00	1.51E-01	380900.00	3756500.00	5.09E-01	380900.00	3756500.00	1.91E-01	380900.00	3756500.00	1.12E-02	380900.00	3756500.00	1.12E-02	380900.00	3756500.00	1.26E-01
380900.00	3757500.00	1.03E-01	380900.00	3757500.00	3.52E-01	380900.00	3757500.00	1.32E-01	380900.00	3757500.00	7.82E-03	380900.00	3757500.00	7.82E-03	380900.00	3757500.00	1.99E-01
380900.00	3758500.00	1.21E-01	380900.00	3758500.00	4.12E-01	380900.00	3758500.00	1.54E-01	380900.00	3758500.00	1.36E-02	380900.00	3758500.00	1.36E-02	380900.00	3758500.00	1.86E-01
380900.00	3759500.00	1.43E-01	380900.00	3759500.00	4.69E-01	380900.00	3759500.00	1.75E-01	380900.00	3759500.00	1.04E-02	380900.00	3759500.00	1.04E-02	380900.00	3759500.00	1.51E-01
380900.00	3760500.00	1.19E-01	380900.00	3760500.00	3.96E-01	380900.00	3760500.00	1.48E-01	380900.00	3760500.00	8.62E-03	380900.00	3760500.00	8.62E-03	380900.00	3760500.00	2.08E-01
380900.00	3761500.00	1.10E-01	380900.00	3761500.00	3.72E-01	380900.00	3761500.00	1.40E-01	380900.00	3761500.00	8.56E-03	380900.00	3761500.00	8.56E-03	380900.00	3761500.00	1.24E-01
380900.00	3762500.00	1.66E-01	380900.00	3762500.00	5.64E-01	380900.00	3762500.00	2.11E-01	380900.00	3762500.00	1.25E-02	380900.00	3762500.00	1.25E-02	380900.00	3762500.00	1.26E-01
380900.00	3763500.00	1.74E-01	380900.00	3763500.00	5.78E-01	380900.00	3763500.00	2.16E-01	380900.00	3763500.00	1.25E-02	380900.00	3763500.00	1.25E-02	380900.00	3763500.00	1.02E-01
381900.00	3754500.00	9.14E-02	381900.00	3754500.00	3.16E-01	381900.00	3754500.00	1.18E-01	381900.00	3754500.00	7.06E-03	381900.00	3754500.00	7.06E-03	381900.00	3754500.00	7.17E-02
381900.00	3755500.00	9.01E-02	381900.00	3755500.00	3.07E-01	381900.00	3755500.00	1.15E-01	381900.00	3755500.00	6.77E-03	381900.00	3755500.00	6.77E-03	381900.00	3755500.00	1.00E-01
381900.00	3756500.00	1.17E-01	381900.00	3756500.00	3.82E-01	381900.00	3756500.00	1.43E-01	381900.00	3756500.00	8.24E-03	381900.00	3756500.00	8.24E-03	381900.00	3756500.00	1.00E-01
381900.00	3757500.00	8.77E-02	381900.00	3757500.00	2.98E-01	381900.00	3757500.00	1.12E-01	381900.00	3757500.00	6.60E-03	381900.00	3757500.00	6.60E-03	381900.00	3757500.00	1.64E-01
381900.00	3759500.00	1.33E-01	381900.00	3759500.00	4.37E-01	381900.00	3759500.00	1.63E-01	381900.00	3759500.00	9.61E-03	381900.00	3759500.00	9.61E-03	381900.00	3759500.00	1.67E-01
381900.00	3760500.00	9.57E-02	381900.00	3760500.00	3.24E-01	381900.00	3760500.00	1.21E-01	381900.00	3760500.00	7.78E-03	381900.00	3760500.00	7.78E-03	381900.00	3760500.00	1.23E-01
381900.00	3761500.00	9.16E-02	381900.00	3761500.00	3.13E-01	381900.00	3761500.00	1.17E-01	381900.00	3761500.00	8.15E-03	381900.00	3761500.00	8.15E-03	381900.00	3761500.00	1.54E-01
381900.00	3762500.00	9.78E-02	381900.00	3762500.00	3.29E-01	381900.00	3762500.00	1.23E-01	381900.00	3762500.00	7.58E-03	381900.00	3762500.00	7.58E-03	381900.00	3762500.00	1.12E-01
381900.00	3763500.00	1.94E-01	381900.00	3763500.00	6.57E-01	381900.00	3763500.00	2.46E-01	381900.00	3763500.00	1.45E-02	381900.00	3763500.00	1.45E-02	381900.00	3763500.00	1.44E-01
381900.00	3764500.00	9.68E-02	381900.00	3764500.00	3.19E-01	381900.00	3764500.00	1.19E-01	381900.00	3764500.00	8.17E-03	381900.00	3764500.00	8.17E-03	381900.00	3764500.00	9.21E-02
382900.00	3753500.00	6.20E-02	382900.00	3753500.00	2.08E-01	382900.00	3753500.00	7.81E-02	382900.00	3753500.00	4.52E-03	382900.00	3753500.00	4.52E-03	382900.00	3753500.00	3.89E-02
382900.00	3754500.00	5.65E-02	382900.00	3754500.00	1.82E-01	382900.00	3754500.00	6.77E-02	382900.00	3754500.00	3.89E-03	382900.00	3754500.00	3.89E-03	382900.00	3754500.00	5.34E-02
382900.00	3755500.00	6.15E-02	382900.00	3755500.00	2.03E-01	382900.00	3755500.00	7.57E-02	382900.00	3755500.00	4.45E-03	382900.00	3755500.00	4.45E-03	382900.00	3755500.00	5.50E-02
382900.00	3756500.00	8.71E-02	382900.00	3756500.00	2.71E-01	382900.00	3756500.00	1.00E-01	382900.00	3756500.00	5.62E-03	382900.00	3756500.00	5.62E-03	382900.00	3756500.00	7.71E-02
382900.00	3757500.00	7.98E-02	382900.00	3757500.00	2.63E-01	382900.00	3757500.00	9.81E-02	382900.00	3757500.00	5.71E-03	382900.00	3757500.00	5.71E-03	382900.00	3757500.00	1.26E-01
382900.00	3758500.00	9.65E-02	382900.00	3758500.00	3.28E-01	382900.00	3758500.00	1.23E-01	382900.00	3758500.00	8.90E-03	382900.00	3758500.00	8.90E-03	382900.00	3758500.00	1.05E-01
382900.00	3759500.00	1.12E-01	382900.00	3759500.00	3.65E-01	382900.00	3759500.00	1.36E-01	382900.00	3759500.00	7.97E-03	382900.00	3759500.00	7.97E-03	382900.00	3759500.00	1.06E-01
382900.00	3760500.00	9.51E-02	382900.00	3760500.00	3.24E-01	382900.00	3760500.00	1.21E-01	382900.00	3760500.00	7.48E-03	382900.00	3760500.00	7.48E-03	382900.00	3760500.00	1.18E-01
382900.00	3761500.00	1.05E-01	382900.00	3761500.00	3.52E-01	382900.00	3761500.00	1.31E-01	382900.00	3761500.00	7.66E-03	382900.00	3761500.00	7.66E-03	382900.00	3761500.00	1.71E-01
382900.00	3762500.00	9.27E-02	382900.00	3762500.00	3.15E-01	382900.00	3762500.00	1.18E-01	382900.00	3762500.00	7.04E-03	382900.00	3762500.00	7.04E-03	382900.00	3762500.00	1.00E-01
382900.00	3763500.00	1.24E-01	382900.00	3763500.00	4.29E-01	382900.00	3763500.00	1.61E-01	382900.00	3763500.00	9.63E-03	382900.00	3763500.00	9.63E-03	382900.00	3763500.00	1.17E-01
382900.00	3764500.00	1.71E-01	382900.00	3764500.00	5.75E-01	382900.00	3764500.00	2.15E-01	382900.00	3764500.00	1.26E-02	382900.00	3764500.00	1.26E-02	382900.00	3764500.00	1.45E-01
383900.00	3753500.00	5.60E-02	383900.00	3753500.00	1.75E-01	383900.00	3753500.00	6.50E-02	383900.00	3753500.00	3.66E-03	383900.00	3753500.00	3.66E-03	383900.00	3753500.00	3.00E-02
383900.00	3754500.00	4.61E-02	383900.00	3754500.00	1.45E-01	383900.00	3754500.00	5.36E-02	383900.00	3754500.00	3.04E-03	383900.00	3754500.00	3.04E-03	383900.00	3754500.00	3.86E-02

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M
383900.00	3755500.00	5.65E-02	383900.00	3755500.00	1.86E-01	383900.00	3755500.00	6.94E-02	383900.00	3755500.00	4.07E-03	383900.00	3755500.00	4.07E-03	383900.00	3755500.00	4.06E-02
383900.00	3756500.00	7.83E-02	383900.00	3756500.00	2.43E-01	383900.00	3756500.00	8.99E-02	383900.00	3756500.00	5.05E-03	383900.00	3756500.00	5.05E-03	383900.00	3756500.00	6.21E-02
383900.00	3757500.00	7.10E-02	383900.00	3757500.00	2.30E-01	383900.00	3757500.00	8.57E-02	383900.00	3757500.00	4.93E-03	383900.00	3757500.00	4.93E-03	383900.00	3757500.00	1.07E-01
383900.00	3762500.00	7.94E-02	383900.00	3762500.00	2.72E-01	383900.00	3762500.00	1.02E-01	383900.00	3762500.00	6.76E-03	383900.00	3762500.00	6.76E-03	383900.00	3762500.00	1.33E-01
383900.00	3763500.00	8.43E-02	383900.00	3763500.00	2.86E-01	383900.00	3763500.00	1.07E-01	383900.00	3763500.00	6.60E-03	383900.00	3763500.00	6.60E-03	383900.00	3763500.00	8.20E-02
383900.00	3764500.00	1.62E-01	383900.00	3764500.00	5.56E-01	383900.00	3764500.00	2.08E-01	383900.00	3764500.00	1.24E-02	383900.00	3764500.00	1.24E-02	383900.00	3764500.00	9.66E-02
384900.00	3753500.00	5.17E-02	384900.00	3753500.00	1.62E-01	384900.00	3753500.00	5.99E-02	384900.00	3753500.00	3.38E-03	384900.00	3753500.00	3.38E-03	384900.00	3753500.00	3.06E-02
384900.00	3754500.00	4.18E-02	384900.00	3754500.00	1.34E-01	384900.00	3754500.00	4.99E-02	384900.00	3754500.00	2.86E-03	384900.00	3754500.00	2.86E-03	384900.00	3754500.00	3.75E-02
384900.00	3755500.00	5.19E-02	384900.00	3755500.00	1.71E-01	384900.00	3755500.00	6.38E-02	384900.00	3755500.00	3.72E-03	384900.00	3755500.00	3.72E-03	384900.00	3755500.00	3.37E-02
384900.00	3756500.00	7.09E-02	384900.00	3756500.00	2.20E-01	384900.00	3756500.00	8.14E-02	384900.00	3756500.00	4.57E-03	384900.00	3756500.00	4.57E-03	384900.00	3756500.00	5.34E-02
384900.00	3757500.00	6.27E-02	384900.00	3757500.00	2.02E-01	384900.00	3757500.00	7.51E-02	384900.00	3757500.00	4.31E-03	384900.00	3757500.00	4.31E-03	384900.00	3757500.00	9.03E-02
384900.00	3758500.00	7.45E-02	384900.00	3758500.00	2.52E-01	384900.00	3758500.00	9.44E-02	384900.00	3758500.00	5.66E-03	384900.00	3758500.00	5.66E-03	384900.00	3758500.00	7.64E-02
384900.00	3759500.00	7.53E-02	384900.00	3759500.00	2.48E-01	384900.00	3759500.00	9.28E-02	384900.00	3759500.00	7.91E-03	384900.00	3759500.00	7.91E-03	384900.00	3759500.00	9.68E-02
384900.00	3760500.00	9.35E-02	384900.00	3760500.00	3.10E-01	384900.00	3760500.00	1.16E-01	384900.00	3760500.00	6.89E-03	384900.00	3760500.00	6.89E-03	384900.00	3760500.00	1.17E-01
384900.00	3761500.00	7.49E-02	384900.00	3761500.00	2.57E-01	384900.00	3761500.00	9.64E-02	384900.00	3761500.00	5.96E-03	384900.00	3761500.00	5.96E-03	384900.00	3761500.00	9.59E-02
384900.00	3762500.00	7.74E-02	384900.00	3762500.00	2.58E-01	384900.00	3762500.00	9.65E-02	384900.00	3762500.00	5.84E-03	384900.00	3762500.00	5.84E-03	384900.00	3762500.00	1.33E-01
384900.00	3763500.00	7.88E-02	384900.00	3763500.00	2.69E-01	384900.00	3763500.00	1.01E-01	384900.00	3763500.00	6.01E-03	384900.00	3763500.00	6.01E-03	384900.00	3763500.00	8.28E-02
384900.00	3764500.00	9.23E-02	384900.00	3764500.00	3.22E-01	384900.00	3764500.00	1.21E-01	384900.00	3764500.00	7.26E-03	384900.00	3764500.00	7.26E-03	384900.00	3764500.00	1.04E-01
371641.00	3756983.00	2.35E+00	371641.00	3756983.00	7.84E+00	371641.00	3756983.00	2.93E+00	371641.00	3756983.00	1.72E-01	371641.00	3756983.00	1.72E-01	371641.00	3756983.00	1.05E+00
371741.00	3756983.00	2.14E+00	371741.00	3756983.00	7.09E+00	371741.00	3756983.00	2.64E+00	371741.00	3756983.00	1.55E-01	371741.00	3756983.00	1.55E-01	371741.00	3756983.00	1.15E+00
371841.00	3756983.00	1.95E+00	371841.00	3756983.00	6.44E+00	371841.00	3756983.00	2.40E+00	371841.00	3756983.00	1.41E-01	371841.00	3756983.00	1.41E-01	371841.00	3756983.00	1.27E+00
371941.00	3756983.00	1.79E+00	371941.00	3756983.00	5.89E+00	371941.00	3756983.00	2.19E+00	371941.00	3756983.00	1.28E-01	371941.00	3756983.00	1.28E-01	371941.00	3756983.00	1.40E+00
371941.00	3757683.00	4.76E+00	371941.00	3757683.00	4.53E+00	371941.00	3757683.00	1.67E+00	371941.00	3757683.00	1.95E-01	371941.00	3757683.00	1.95E-01	371941.00	3757683.00	2.32E+00
372041.00	3756983.00	1.65E+00	372041.00	3756983.00	5.41E+00	372041.00	3756983.00	2.02E+00	372041.00	3756983.00	1.18E-01	372041.00	3756983.00	1.18E-01	372041.00	3756983.00	1.55E+00
372141.00	3756983.00	1.52E+00	372141.00	3756983.00	4.99E+00	372141.00	3756983.00	1.86E+00	372141.00	3756983.00	1.08E-01	372141.00	3756983.00	1.08E-01	372141.00	3756983.00	1.71E+00
372241.00	3756983.00	1.41E+00	372241.00	3756983.00	4.63E+00	372241.00	3756983.00	1.72E+00	372241.00	3756983.00	1.00E-01	372241.00	3756983.00	1.00E-01	372241.00	3756983.00	1.91E+00
372341.00	3756983.00	1.32E+00	372341.00	3756983.00	4.30E+00	372341.00	3756983.00	1.60E+00	372341.00	3756983.00	1.06E-01	372341.00	3756983.00	1.06E-01	372341.00	3756983.00	2.14E+00
372441.00	3756983.00	1.23E+00	372441.00	3756983.00	4.01E+00	372441.00	3756983.00	1.49E+00	372441.00	3756983.00	1.19E-01	372441.00	3756983.00	1.19E-01	372441.00	3756983.00	2.91E+00
372541.00	3756983.00	1.15E+00	372541.00	3756983.00	3.75E+00	372541.00	3756983.00	1.40E+00	372541.00	3756983.00	1.15E-01	372541.00	3756983.00	1.15E-01	372541.00	3756983.00	4.04E+00
372641.00	3756983.00	1.08E+00	372641.00	3756983.00	3.51E+00	372641.00	3756983.00	1.31E+00	372641.00	3756983.00	1.22E-01	372641.00	3756983.00	1.22E-01	372641.00	3756983.00	5.22E+00
373241.00	3756983.00	7.76E-01	373241.00	3756983.00	2.51E+00	373241.00	3756983.00	9.32E-01	373241.00	3756983.00	7.83E-02	373241.00	3756983.00	7.83E-02	373241.00	3756983.00	5.27E+00
373341.00	3756983.00	7.40E-01	373341.00	3756983.00	2.39E+00	373341.00	3756983.00	8.89E-01	373341.00	3756983.00	7.87E-02	373341.00	3756983.00	7.87E-02	373341.00	3756983.00	3.48E+00
373441.00	3756983.00	7.06E-01	373441.00	3756983.00	2.28E+00	373441.00	3756983.00	8.47E-01	373441.00	3756983.00	7.33E-02	373441.00	3756983.00	7.33E-02	373441.00	3756983.00	2.78E+00
373441.00	3757583.00	6.11E-01	373441.00	3757583.00	2.25E+00	373441.00	3757583.00	9.01E-01	373441.00	3757583.00	1.64E-01	373441.00	3757583.00	1.64E-01	373441.00	3757583.00	1.92E+00
373441.00	3757683.00	6.12E-01	373441.00	3757683.00	2.01E+00	373441.00	3757683.00	7.46E-01	373441.00	3757683.00	1.36E-01	373441.00	3757683.00	1.36E-01	373441.00	3757683.00	1.17E+00
373441.00	3757783.00	5.90E-01	373441.00	3757783.00	1.91E+00	373441.00	3757783.00	7.11E-01	373441.00	3757783.00	1.28E-01	373441.00	3757783.00	1.28E-01	373441.00	3757783.00	1.08E+00
373441.00	3757883.00	5.50E-01	373441.00	3757883.00	1.77E+00	373441.00	3757883.00	6.57E-01	373441.00	3757883.00	1.04E-01	373441.00	3757883.00	1.04E-01	373441.00	3757883.00	9.38E-01
373441.00	3757983.00	5.02E-01	373441.00	3757983.00	1.61E+00	373441.00	3757983.00	5.97E-01	373441.00	3757983.00	8.04E-02	373441.00	3757983.00	8.04E-02	373441.00	3757983.00	1.02E+00
373541.00	3756983.00	6.75E-01	373541.00	3756983.00	2.18E+00	373541.00	3756983.00	8.09E-01	373541.00	3756983.00	6.57E-02	373541.00	3756983.00	6.57E-02	373541.00	3756983.00	2.31E+00
373541.00	3757083.00	6.67E-01	373541.00	3757083.00	2.17E+00	373541.00	3757083.00	8.05E-01	373541.00	3757083.00	7.15E-02	373541.00	3757083.00	7.15E-02	373541.00	3757083.00	3.06E+00
373541.00	3757183.00	6.49E-01	373541.00	3757183.00	2.12E+00	373541.00	3757183.00	7.87E-01	373541.00	3757183.00	8.49E-02	373541.00	3757183.00	8.49E-02	373541.00	3757183.00	3.04E+00
373541.00	3757283.00	6.20E-01	373541.00	3757283.00	2.03E+00	373541.00	3757283.00	7.53E-01	373541.00	3757283.00	1.08E-01	373541.00	3757283.00	1.08E-01	373541.00	3757283.00	2.79E+00
373541.00	3757383.00	5.79E-01	373541.00	3757383.00	1.89E+00	373541.00	3757383.00	7.39E-01	373541.00	3757383.00	1.22E-01	373541.00	3757383.00	1.22E-01	373541.00	3757383.00	2.95E+00

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019	UTM_X	UTM_Y	2019_M
373541.00	3757483.00	5.55E-01	373541.00	3757483.00	2.10E+00	373541.00	3757483.00	8.29E-01	373541.00	3757483.00	1.49E-01	373541.00	3757483.00	1.49E-01	373541.00	3757483.00	2.57E+00
373541.00	3757583.00	5.80E-01	373541.00	3757583.00	1.94E+00	373541.00	3757583.00	7.66E-01	373541.00	3757583.00	1.38E-01	373541.00	3757583.00	1.38E-01	373541.00	3757583.00	1.91E+00
373541.00	3757683.00	5.87E-01	373541.00	3757683.00	1.91E+00	373541.00	3757683.00	7.09E-01	373541.00	3757683.00	1.11E-01	373541.00	3757683.00	1.11E-01	373541.00	3757683.00	1.45E+00
366455.27	3763213.67	1.03E-01	366455.27	3763213.67	3.15E-01	366455.27	3763213.67	1.16E-01	366455.27	3763213.67	6.65E-03	366455.27	3763213.67	6.65E-03	366455.27	3763213.67	5.83E-02
366669.62	3763342.53	9.53E-02	366669.62	3763342.53	2.93E-01	366669.62	3763342.53	1.08E-01	366669.62	3763342.53	6.13E-03	366669.62	3763342.53	6.13E-03	366669.62	3763342.53	5.17E-02
366671.31	3762769.21	1.17E-01	366671.31	3762769.21	3.56E-01	366671.31	3762769.21	1.31E-01	366671.31	3762769.21	7.42E-03	366671.31	3762769.21	7.42E-03	366671.31	3762769.21	6.17E-02
367494.53	3758314.82	5.68E-01	367494.53	3758314.82	1.75E+00	367494.53	3758314.82	6.51E-01	367494.53	3758314.82	3.68E-02	367494.53	3758314.82	3.68E-02	367494.53	3758314.82	1.86E-01
367575.16	3764900.80	7.24E-02	367575.16	3764900.80	2.32E-01	367575.16	3764900.80	8.62E-02	367575.16	3764900.80	5.06E-03	367575.16	3764900.80	5.06E-03	367575.16	3764900.80	5.28E-02
367638.49	3757975.16	7.77E-01	367638.49	3757975.16	2.40E+00	367638.49	3757975.16	8.87E-01	367638.49	3757975.16	4.95E-02	367638.49	3757975.16	4.95E-02	367638.49	3757975.16	2.35E-01
367728.62	3761967.19	1.31E-01	367728.62	3761967.19	4.04E-01	367728.62	3761967.19	1.49E-01	367728.62	3761967.19	8.52E-03	367728.62	3761967.19	8.52E-03	367728.62	3761967.19	6.76E-02
367787.59	3758292.62	7.48E-01	367787.59	3758292.62	2.40E+00	367787.59	3758292.62	8.94E-01	367787.59	3758292.62	5.10E-02	367787.59	3758292.62	5.10E-02	367787.59	3758292.62	3.18E-01
367831.34	3763245.91	9.38E-02	367831.34	3763245.91	2.89E-01	367831.34	3763245.91	1.07E-01	367831.34	3763245.91	6.07E-03	367831.34	3763245.91	6.07E-03	367831.34	3763245.91	5.30E-02
367900.00	3758500.00	6.54E-01	367900.00	3758500.00	2.10E+00	367900.00	3758500.00	7.85E-01	367900.00	3758500.00	4.41E-02	367900.00	3758500.00	4.41E-02	367900.00	3758500.00	4.80E-01
367926.08	3763311.16	9.05E-02	367926.08	3763311.16	2.91E-01	367926.08	3763311.16	1.08E-01	367926.08	3763311.16	6.29E-03	367926.08	3763311.16	6.29E-03	367926.08	3763311.16	5.41E-02
367964.98	3758232.97	7.51E-01	367964.98	3758232.97	2.39E+00	367964.98	3758232.97	8.90E-01	367964.98	3758232.97	5.26E-02	367964.98	3758232.97	5.26E-02	367964.98	3758232.97	3.01E-01
367976.37	3763336.74	9.44E-02	367976.37	3763336.74	3.02E-01	367976.37	3763336.74	1.12E-01	367976.37	3763336.74	6.36E-03	367976.37	3763336.74	6.36E-03	367976.37	3763336.74	5.55E-02
367978.91	3758390.10	6.73E-01	367978.91	3758390.10	2.14E+00	367978.91	3758390.10	8.03E-01	367978.91	3758390.10	4.62E-02	367978.91	3758390.10	4.62E-02	367978.91	3758390.10	4.41E-01
368188.78	3758591.47	5.75E-01	368188.78	3758591.47	1.92E+00	368188.78	3758591.47	7.17E-01	368188.78	3758591.47	4.24E-02	368188.78	3758591.47	4.24E-02	368188.78	3758591.47	4.41E-01
368501.11	3761632.38	1.43E-01	368501.11	3761632.38	4.55E-01	368501.11	3761632.38	1.70E-01	368501.11	3761632.38	9.55E-03	368501.11	3761632.38	9.55E-03	368501.11	3761632.38	9.04E-02
368505.49	3758571.22	7.86E-01	368505.49	3758571.22	2.56E+00	368505.49	3758571.22	9.57E-01	368505.49	3758571.22	5.41E-02	368505.49	3758571.22	5.41E-02	368505.49	3758571.22	5.98E-01
368673.29	3761677.69	1.66E-01	368673.29	3761677.69	5.30E-01	368673.29	3761677.69	1.98E-01	368673.29	3761677.69	1.11E-02	368673.29	3761677.69	1.11E-02	368673.29	3761677.69	9.08E-02
368693.42	3758359.47	9.23E-01	368693.42	3758359.47	2.98E+00	368693.42	3758359.47	1.11E+00	368693.42	3758359.47	6.23E-02	368693.42	3758359.47	6.23E-02	368693.42	3758359.47	5.39E-01
368842.92	3761590.39	1.89E-01	368842.92	3761590.39	6.01E-01	368842.92	3761590.39	2.24E-01	368842.92	3761590.39	1.26E-02	368842.92	3761590.39	1.26E-02	368842.92	3761590.39	9.25E-02
368869.11	3754097.89	5.17E-01	368869.11	3754097.89	1.72E+00	368869.11	3754097.89	6.42E-01	368869.11	3754097.89	3.87E-02	368869.11	3754097.89	3.87E-02	368869.11	3754097.89	2.69E-01
368869.83	3765067.00	1.34E-01	368869.83	3765067.00	4.09E-01	368869.83	3765067.00	1.51E-01	368869.83	3765067.00	8.34E-03	368869.83	3765067.00	8.34E-03	368869.83	3765067.00	4.59E-02
368969.99	3761647.20	2.00E-01	368969.99	3761647.20	6.38E-01	368969.99	3761647.20	2.38E-01	368969.99	3761647.20	1.34E-02	368969.99	3761647.20	1.34E-02	368969.99	3761647.20	8.74E-02
368970.54	3754677.64	6.78E-01	368970.54	3754677.64	2.14E+00	368970.54	3754677.64	7.99E-01	368970.54	3754677.64	4.88E-02	368970.54	3754677.64	4.88E-02	368970.54	3754677.64	1.80E-01
369007.11	3762513.11	1.93E-01	369007.11	3762513.11	5.91E-01	369007.11	3762513.11	2.20E-01	369007.11	3762513.11	1.21E-02	369007.11	3762513.11	1.21E-02	369007.11	3762513.11	6.37E-02
369227.99	3762251.91	2.19E-01	369227.99	3762251.91	6.69E-01	369227.99	3762251.91	2.48E-01	369227.99	3762251.91	1.37E-02	369227.99	3762251.91	1.37E-02	369227.99	3762251.91	6.72E-02
369242.37	3754695.62	7.48E-01	369242.37	3754695.62	2.38E+00	369242.37	3754695.62	8.85E-01	369242.37	3754695.62	5.04E-02	369242.37	3754695.62	5.04E-02	369242.37	3754695.62	2.07E-01
369456.98	3762567.48	1.99E-01	369456.98	3762567.48	6.06E-01	369456.98	3762567.48	2.23E-01	369456.98	3762567.48	1.24E-02	369456.98	3762567.48	1.24E-02	369456.98	3762567.48	6.20E-02
369504.00	3754702.08	8.30E-01	369504.00	3754702.08	2.61E+00	369504.00	3754702.08	9.72E-01	369504.00	3754702.08	5.40E-02	369504.00	3754702.08	5.40E-02	369504.00	3754702.08	2.22E-01
369767.91	3761150.98	2.63E-01	369767.91	3761150.98	8.42E-01	369767.91	3761150.98	3.12E-01	369767.91	3761150.98	1.79E-02	369767.91	3761150.98	1.79E-02	369767.91	3761150.98	1.06E-01
369809.34	3764567.65	1.00E-01	369809.34	3764567.65	3.20E-01	369809.34	3764567.65	1.19E-01	369809.34	3764567.65	6.80E-03	369809.34	3764567.65	6.80E-03	369809.34	3764567.65	3.49E-02
369845.18	3754154.97	1.04E+00	369845.18	3754154.97	3.40E+00	369845.18	3754154.97	1.27E+00	369845.18	3754154.97	7.15E-02	369845.18	3754154.97	7.15E-02	369845.18	3754154.97	6.39E-01
369848.41	3753976.49	8.96E-01	369848.41	3753976.49	2.89E+00	369848.41	3753976.49	1.08E+00	369848.41	3753976.49	6.05E-02	369848.41	3753976.49	6.05E-02	369848.41	3753976.49	3.83E-01
370097.88	3760014.31	4.28E-01	370097.88	3760014.31	1.47E+00	370097.88	3760014.31	5.50E-01	370097.88	3760014.31	3.28E-02	370097.88	3760014.31	3.28E-02	370097.88	3760014.31	3.06E-01
370150.95	3754699.75	1.18E+00	370150.95	3754699.75	3.60E+00	370150.95	3754699.75	1.33E+00	370150.95	3754699.75	7.42E-02	370150.95	3754699.75	7.42E-02	370150.95	3754699.75	2.64E-01
370192.96	3758860.70	7.22E-01	370192.96	3758860.70	2.46E+00	370192.96	3758860.70	9.16E-01	370192.96	3758860.70	5.47E-02	370192.96	3758860.70	5.47E-02	370192.96	3758860.70	5.08E-01
370243.17	3759622.98	4.65E-01	370243.17	3759622.98	1.63E+00	370243.17	3759622.98	6.10E-01	370243.17	3759622.98	3.66E-02	370243.17	3759622.98	3.66E-02	370243.17	3759622.98	4.71E-01
370246.20	3754243.12	8.89E-01	370246.20	3754243.12	2.72E+00	370246.20	3754243.12	9.97E-01	370246.20	3754243.12	5.63E-02	370246.20	3754243.12	5.63E-02	370246.20	3754243.12	2.12E-01
370290.74	3759464.60	4.67E-01	370290.74	3759464.60	1.64E+00	370290.74	3759464.60	6.15E-01	370290.74	3759464.60	3.72E-02	370290.74	3759464.60	3.72E-02	370290.74	3759464.60	4.44E-01
370608.78	3762239.97	1.27E-01	370608.78	3762239.97	4.06E-01	370608.78	3762239.97	1.50E-01	370608.78	3762239.97	8.68E-03	370608.78	3762239.97	8.68E-03	370608.78	3762239.97	5.29E-02

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Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
370614.80	3762181.53	1.28E-01	370614.80	3762181.53	4.10E-01	370614.80	3762181.53	1.52E-01	370614.80	3762181.53	8.76E-03	370614.80	3762181.53	8.76E-03	370614.80	3762181.53	5.43E-02
370625.96	3763759.08	9.39E-02	370625.96	3763759.08	3.06E-01	370625.96	3763759.08	1.13E-01	370625.96	3763759.08	6.61E-03	370625.96	3763759.08	6.61E-03	370625.96	3763759.08	3.52E-02
370723.56	3763867.78	8.65E-02	370723.56	3763867.78	2.82E-01	370723.56	3763867.78	1.04E-01	370723.56	3763867.78	6.13E-03	370723.56	3763867.78	6.13E-03	370723.56	3763867.78	3.56E-02
370968.58	3759443.63	4.58E-01	370968.58	3759443.63	1.50E+00	370968.58	3759443.63	5.60E-01	370968.58	3759443.63	3.19E-02	370968.58	3759443.63	3.19E-02	370968.58	3759443.63	4.34E-01
371139.14	3758179.30	8.47E-01	371139.14	3758179.30	2.75E+00	371139.14	3758179.30	1.03E+00	371139.14	3758179.30	7.36E-02	371139.14	3758179.30	7.36E-02	371139.14	3758179.30	7.08E-01
371516.05	3762577.75	1.44E-01	371516.05	3762577.75	4.41E-01	371516.05	3762577.75	1.62E-01	371516.05	3762577.75	9.14E-03	371516.05	3762577.75	9.14E-03	371516.05	3762577.75	5.49E-02
371721.40	3759371.61	3.09E-01	371721.40	3759371.61	1.05E+00	371721.40	3759371.61	3.90E-01	371721.40	3759371.61	2.31E-02	371721.40	3759371.61	2.31E-02	371721.40	3759371.61	2.11E-01
371973.81	3758892.65	5.61E-01	371973.81	3758892.65	1.75E+00	371973.81	3758892.65	6.50E-01	371973.81	3758892.65	3.61E-02	371973.81	3758892.65	3.61E-02	371973.81	3758892.65	2.61E-01
372687.72	3759513.01	4.23E-01	372687.72	3759513.01	1.31E+00	372687.72	3759513.01	4.87E-01	372687.72	3759513.01	2.71E-02	372687.72	3759513.01	2.71E-02	372687.72	3759513.01	1.97E-01
372943.49	3761051.66	2.07E-01	372943.49	3761051.66	6.72E-01	372943.49	3761051.66	2.51E-01	372943.49	3761051.66	1.57E-02	372943.49	3761051.66	1.57E-02	372943.49	3761051.66	2.50E-01
373546.52	3760907.48	2.46E-01	373546.52	3760907.48	8.36E-01	373546.52	3760907.48	3.13E-01	373546.52	3760907.48	1.86E-02	373546.52	3760907.48	1.86E-02	373546.52	3760907.48	2.59E-01
373736.60	3756503.93	4.53E-01	373736.60	3756503.93	1.43E+00	373736.60	3756503.93	5.28E-01	373736.60	3756503.93	2.99E-02	373736.60	3756503.93	2.99E-02	373736.60	3756503.93	1.43E+00
373758.20	3758043.23	4.58E-01	373758.20	3758043.23	1.46E+00	373758.20	3758043.23	5.43E-01	373758.20	3758043.23	7.35E-02	373758.20	3758043.23	7.35E-02	373758.20	3758043.23	6.00E-01
373781.58	3755802.14	3.11E-01	373781.58	3755802.14	9.84E-01	373781.58	3755802.14	3.65E-01	373781.58	3755802.14	2.09E-02	373781.58	3755802.14	2.09E-02	373781.58	3755802.14	4.98E-01
373814.20	3756040.57	3.67E-01	373814.20	3756040.57	1.17E+00	373814.20	3756040.57	4.33E-01	373814.20	3756040.57	2.47E-02	373814.20	3756040.57	2.47E-02	373814.20	3756040.57	5.71E-01
373990.06	3753826.14	3.32E-01	373990.06	3753826.14	1.06E+00	373990.06	3753826.14	3.91E-01	373990.06	3753826.14	2.22E-02	373990.06	3753826.14	2.22E-02	373990.06	3753826.14	2.03E-01
374057.73	3758196.51	3.88E-01	374057.73	3758196.51	1.24E+00	374057.73	3758196.51	4.60E-01	374057.73	3758196.51	5.67E-02	374057.73	3758196.51	5.67E-02	374057.73	3758196.51	5.62E-01
374270.95	3758673.42	3.84E-01	374270.95	3758673.42	1.24E+00	374270.95	3758673.42	4.59E-01	374270.95	3758673.42	3.31E-02	374270.95	3758673.42	3.31E-02	374270.95	3758673.42	3.51E-01
374561.05	3757642.94	3.71E-01	374561.05	3757642.94	1.18E+00	374561.05	3757642.94	4.39E-01	374561.05	3757642.94	5.09E-02	374561.05	3757642.94	5.09E-02	374561.05	3757642.94	8.42E-01
374688.84	3758984.90	3.62E-01	374688.84	3758984.90	1.14E+00	374688.84	3758984.90	4.23E-01	374688.84	3758984.90	2.75E-02	374688.84	3758984.90	2.75E-02	374688.84	3758984.90	4.08E-01
374693.96	3758983.17	3.60E-01	374693.96	3758983.17	1.14E+00	374693.96	3758983.17	4.21E-01	374693.96	3758983.17	2.76E-02	374693.96	3758983.17	2.76E-02	374693.96	3758983.17	4.03E-01
374717.46	3762574.39	1.01E-01	374717.46	3762574.39	3.63E-01	374717.46	3762574.39	1.36E-01	374717.46	3762574.39	8.53E-03	374717.46	3762574.39	8.53E-03	374717.46	3762574.39	1.72E-01
375503.80	3764537.77	9.67E-02	375503.80	3764537.77	3.15E-01	375503.80	3764537.77	1.18E-01	375503.80	3764537.77	6.89E-03	375503.80	3764537.77	6.89E-03	375503.80	3764537.77	6.07E-02
375614.97	3760555.10	2.24E-01	375614.97	3760555.10	7.35E-01	375614.97	3760555.10	2.75E-01	375614.97	3760555.10	2.16E-02	375614.97	3760555.10	2.16E-02	375614.97	3760555.10	4.43E-01
375718.04	3758204.95	3.66E-01	375718.04	3758204.95	1.21E+00	375718.04	3758204.95	4.53E-01	375718.04	3758204.95	3.21E-02	375718.04	3758204.95	3.21E-02	375718.04	3758204.95	7.31E-01
375902.79	3764940.52	7.73E-02	375902.79	3764940.52	2.41E-01	375902.79	3764940.52	8.92E-02	375902.79	3764940.52	5.13E-03	375902.79	3764940.52	5.13E-03	375902.79	3764940.52	4.69E-02
375908.38	3763938.71	1.08E-01	375908.38	3763938.71	3.69E-01	375908.38	3763938.71	1.38E-01	375908.38	3763938.71	8.48E-03	375908.38	3763938.71	8.48E-03	375908.38	3763938.71	2.23E-01
375920.60	3762083.39	1.95E-01	375920.60	3762083.39	6.89E-01	375920.60	3762083.39	2.59E-01	375920.60	3762083.39	1.56E-02	375920.60	3762083.39	1.56E-02	375920.60	3762083.39	1.49E-01
376709.15	3756388.48	2.00E-01	376709.15	3756388.48	6.25E-01	376709.15	3756388.48	2.31E-01	376709.15	3756388.48	1.31E-02	376709.15	3756388.48	1.31E-02	376709.15	3756388.48	2.19E-01
376814.39	3754856.21	1.24E-01	376814.39	3754856.21	4.11E-01	376814.39	3754856.21	1.54E-01	376814.39	3754856.21	8.96E-03	376814.39	3754856.21	8.96E-03	376814.39	3754856.21	1.14E-01
377050.15	3761774.29	1.56E-01	377050.15	3761774.29	4.73E-01	377050.15	3761774.29	1.77E-01	377050.15	3761774.29	1.44E-02	377050.15	3761774.29	1.44E-02	377050.15	3761774.29	2.69E-01
377052.34	3761911.90	1.42E-01	377052.34	3761911.90	4.44E-01	377052.34	3761911.90	1.66E-01	377052.34	3761911.90	1.28E-02	377052.34	3761911.90	1.28E-02	377052.34	3761911.90	2.29E-01
377227.14	3756422.42	1.86E-01	377227.14	3756422.42	5.83E-01	377227.14	3756422.42	2.16E-01	377227.14	3756422.42	1.22E-02	377227.14	3756422.42	1.22E-02	377227.14	3756422.42	2.11E-01
377237.88	3763993.21	1.16E-01	377237.88	3763993.21	3.60E-01	377237.88	3763993.21	1.33E-01	377237.88	3763993.21	7.47E-03	377237.88	3763993.21	7.47E-03	377237.88	3763993.21	4.72E-02
377313.01	3756205.13	1.57E-01	377313.01	3756205.13	4.90E-01	377313.01	3756205.13	1.83E-01	377313.01	3756205.13	1.10E-02	377313.01	3756205.13	1.10E-02	377313.01	3756205.13	1.73E-01
377330.56	3760754.60	3.35E-01	377330.56	3760754.60	1.14E+00	377330.56	3760754.60	4.27E-01	377330.56	3760754.60	2.53E-02	377330.56	3760754.60	2.53E-02	377330.56	3760754.60	2.01E-01
377342.37	3764027.27	1.14E-01	377342.37	3764027.27	3.56E-01	377342.37	3764027.27	1.32E-01	377342.37	3764027.27	7.40E-03	377342.37	3764027.27	7.40E-03	377342.37	3764027.27	4.10E-02
377388.19	3762578.39	8.41E-02	377388.19	3762578.39	2.81E-01	377388.19	3762578.39	1.05E-01	377388.19	3762578.39	7.82E-03	377388.19	3762578.39	7.82E-03	377388.19	3762578.39	1.11E-01
377563.47	3760340.44	1.90E-01	377563.47	3760340.44	6.43E-01	377563.47	3760340.44	2.41E-01	377563.47	3760340.44	1.43E-02	377563.47	3760340.44	1.43E-02	377563.47	3760340.44	2.54E-01
377753.42	3759272.76	2.05E-01	377753.42	3759272.76	7.14E-01	377753.42	3759272.76	2.69E-01	377753.42	3759272.76	1.67E-02	377753.42	3759272.76	1.67E-02	377753.42	3759272.76	4.12E-01
377839.66	3764649.02	1.02E-01	377839.66	3764649.02	3.19E-01	377839.66	3764649.02	1.18E-01	377839.66	3764649.02	6.65E-03	377839.66	3764649.02	6.65E-03	377839.66	3764649.02	3.76E-02
377841.65	3762246.94	1.19E-01	377841.65	3762246.94	3.69E-01	377841.65	3762246.94	1.38E-01	377841.65	3762246.94	1.01E-02	377841.65	3762246.94	1.01E-02	377841.65	3762246.94	1.09E-01
377908.39	3762502.03	1.08E-01	377908.39	3762502.03	3.33E-01	377908.39	3762502.03	1.24E-01	377908.39	3762502.03	8.90E-03	377908.39	3762502.03	8.90E-03	377908.39	3762502.03	1.13E-01

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
377916.00	3755241.12	1.26E-01	377916.00	3755241.12	3.97E-01	377916.00	3755241.12	1.47E-01	377916.00	3755241.12	8.34E-03	377916.00	3755241.12	8.34E-03	377916.00	3755241.12	9.89E-02
377924.86	3763642.88	9.61E-02	377924.86	3763642.88	3.22E-01	377924.86	3763642.88	1.21E-01	377924.86	3763642.88	7.07E-03	377924.86	3763642.88	7.07E-03	377924.86	3763642.88	7.97E-02
377967.05	3762224.48	1.28E-01	377967.05	3762224.48	4.09E-01	377967.05	3762224.48	1.52E-01	377967.05	3762224.48	1.04E-02	377967.05	3762224.48	1.04E-02	377967.05	3762224.48	1.06E-01
378003.52	3753139.05	7.33E-02	378003.52	3753139.05	2.26E-01	378003.52	3753139.05	8.34E-02	378003.52	3753139.05	4.67E-03	378003.52	3753139.05	4.67E-03	378003.52	3753139.05	1.48E-01
378022.11	3755897.25	1.63E-01	378022.11	3755897.25	5.62E-01	378022.11	3755897.25	2.11E-01	378022.11	3755897.25	1.25E-02	378022.11	3755897.25	1.25E-02	378022.11	3755897.25	2.73E-01
378066.59	3761432.90	2.72E-01	378066.59	3761432.90	8.96E-01	378066.59	3761432.90	3.34E-01	378066.59	3761432.90	1.94E-02	378066.59	3761432.90	1.94E-02	378066.59	3761432.90	1.24E-01
378209.66	3764122.39	1.08E-01	378209.66	3764122.39	3.59E-01	378209.66	3764122.39	1.34E-01	378209.66	3764122.39	7.84E-03	378209.66	3764122.39	7.84E-03	378209.66	3764122.39	7.40E-02
378212.33	3753511.52	6.77E-02	378212.33	3753511.52	2.12E-01	378212.33	3753511.52	7.83E-02	378212.33	3753511.52	4.44E-03	378212.33	3753511.52	4.44E-03	378212.33	3753511.52	6.19E-02
378223.51	3760237.39	1.71E-01	378223.51	3760237.39	5.88E-01	378223.51	3760237.39	2.21E-01	378223.51	3760237.39	1.41E-02	378223.51	3760237.39	1.41E-02	378223.51	3760237.39	2.27E-01
378326.90	3764105.95	1.01E-01	378326.90	3764105.95	3.38E-01	378326.90	3764105.95	1.26E-01	378326.90	3764105.95	7.42E-03	378326.90	3764105.95	7.42E-03	378326.90	3764105.95	8.28E-02
378366.51	3755075.26	1.29E-01	378366.51	3755075.26	4.40E-01	378366.51	3755075.26	1.66E-01	378366.51	3755075.26	9.71E-03	378366.51	3755075.26	9.71E-03	378366.51	3755075.26	9.96E-02
378370.05	3759869.86	1.96E-01	378370.05	3759869.86	6.62E-01	378370.05	3759869.86	2.48E-01	378370.05	3759869.86	1.48E-02	378370.05	3759869.86	1.48E-02	378370.05	3759869.86	3.08E-01
378781.96	3760336.17	1.48E-01	378781.96	3760336.17	5.07E-01	378781.96	3760336.17	1.90E-01	378781.96	3760336.17	1.31E-02	378781.96	3760336.17	1.31E-02	378781.96	3760336.17	1.88E-01
378862.39	3757229.87	1.69E-01	378862.39	3757229.87	5.90E-01	378862.39	3757229.87	2.22E-01	378862.39	3757229.87	1.33E-02	378862.39	3757229.87	1.33E-02	378862.39	3757229.87	2.85E-01
366900.00	3759500.00	2.87E-01	366900.00	3759500.00	9.32E-01	366900.00	3759500.00	3.48E-01	366900.00	3759500.00	2.02E-02	366900.00	3759500.00	2.02E-02	366900.00	3759500.00	1.66E-01
367900.00	3759500.00	4.41E-01	367900.00	3759500.00	1.35E+00	367900.00	3759500.00	5.01E-01	367900.00	3759500.00	2.77E-02	367900.00	3759500.00	2.77E-02	367900.00	3759500.00	1.72E-01
366900.00	3760500.00	2.76E-01	366900.00	3760500.00	8.47E-01	366900.00	3760500.00	3.13E-01	366900.00	3760500.00	1.73E-02	366900.00	3760500.00	1.73E-02	366900.00	3760500.00	6.64E-02
366900.00	3761500.00	1.87E-01	366900.00	3761500.00	5.72E-01	366900.00	3761500.00	2.11E-01	366900.00	3761500.00	1.17E-02	366900.00	3761500.00	1.17E-02	366900.00	3761500.00	9.39E-02
367900.00	3753500.00	4.46E-01	367900.00	3753500.00	1.36E+00	367900.00	3753500.00	5.00E-01	367900.00	3753500.00	2.85E-02	367900.00	3753500.00	2.85E-02	367900.00	3753500.00	1.17E-01
367900.00	3754500.00	7.85E-01	367900.00	3754500.00	2.38E+00	367900.00	3754500.00	8.85E-01	367900.00	3754500.00	5.42E-02	367900.00	3754500.00	5.42E-02	367900.00	3754500.00	1.07E-01
367900.00	3760500.00	2.57E-01	367900.00	3760500.00	7.87E-01	367900.00	3760500.00	2.90E-01	367900.00	3760500.00	1.62E-02	367900.00	3760500.00	1.62E-02	367900.00	3760500.00	9.64E-02
367900.00	3763500.00	8.92E-02	367900.00	3763500.00	2.86E-01	367900.00	3763500.00	1.06E-01	367900.00	3763500.00	6.11E-03	367900.00	3763500.00	6.11E-03	367900.00	3763500.00	5.40E-02
368900.00	3753500.00	3.99E-01	368900.00	3753500.00	1.30E+00	368900.00	3753500.00	4.85E-01	368900.00	3753500.00	2.80E-02	368900.00	3753500.00	2.80E-02	368900.00	3753500.00	2.19E-01
368900.00	3758500.00	9.38E-01	368900.00	3758500.00	3.06E+00	368900.00	3758500.00	1.14E+00	368900.00	3758500.00	6.56E-02	368900.00	3758500.00	6.56E-02	368900.00	3758500.00	4.49E-01
368900.00	3760500.00	2.19E-01	368900.00	3760500.00	6.96E-01	368900.00	3760500.00	2.60E-01	368900.00	3760500.00	1.46E-02	368900.00	3760500.00	1.46E-02	368900.00	3760500.00	1.12E-01
369079.58	3758184.29	1.19E+00	369079.58	3758184.29	3.86E+00	369079.58	3758184.29	1.43E+00	369079.58	3758184.29	8.17E-02	369079.58	3758184.29	8.17E-02	369079.58	3758184.29	5.61E-01
369900.00	3753500.00	7.54E-01	369900.00	3753500.00	2.45E+00	369900.00	3753500.00	9.12E-01	369900.00	3753500.00	5.18E-02	369900.00	3753500.00	5.18E-02	369900.00	3753500.00	2.54E-01
369900.00	3760500.00	3.30E-01	369900.00	3760500.00	1.05E+00	369900.00	3760500.00	3.91E-01	369900.00	3760500.00	2.24E-02	369900.00	3760500.00	2.24E-02	369900.00	3760500.00	1.36E-01
369900.00	3763500.00	1.26E-01	369900.00	3763500.00	4.03E-01	369900.00	3763500.00	1.50E-01	369900.00	3763500.00	8.57E-03	369900.00	3763500.00	8.57E-03	369900.00	3763500.00	4.85E-02
370313.67	3758254.27	9.01E-01	370313.67	3758254.27	2.93E+00	370313.67	3758254.27	1.07E+00	370313.67	3758254.27	6.45E-02	370313.67	3758254.27	6.45E-02	370313.67	3758254.27	6.19E-01
370834.03	3758177.01	8.77E-01	370834.03	3758177.01	2.94E+00	370834.03	3758177.01	1.09E+00	370834.03	3758177.01	6.44E-02	370834.03	3758177.01	6.44E-02	370834.03	3758177.01	5.60E-01
370900.00	3753500.00	5.25E-01	370900.00	3753500.00	1.60E+00	370900.00	3753500.00	5.83E-01	370900.00	3753500.00	3.28E-02	370900.00	3753500.00	3.28E-02	370900.00	3753500.00	1.23E-01
370900.00	3754500.00	6.24E-01	370900.00	3754500.00	1.92E+00	370900.00	3754500.00	7.14E-01	370900.00	3754500.00	4.33E-02	370900.00	3754500.00	4.33E-02	370900.00	3754500.00	3.59E-01
370900.00	3755500.00	1.28E+00	370900.00	3755500.00	4.04E+00	370900.00	3755500.00	1.49E+00	370900.00	3755500.00	8.48E-02	370900.00	3755500.00	8.48E-02	370900.00	3755500.00	4.99E-01
370900.00	3758500.00	7.05E-01	370900.00	3758500.00	2.41E+00	370900.00	3758500.00	9.06E-01	370900.00	3758500.00	5.32E-02	370900.00	3758500.00	5.32E-02	370900.00	3758500.00	6.51E-01
370900.00	3761500.00	1.95E-01	370900.00	3761500.00	6.04E-01	370900.00	3761500.00	2.27E-01	370900.00	3761500.00	1.24E-02	370900.00	3761500.00	1.24E-02	370900.00	3761500.00	6.76E-02
370933.96	3757895.90	1.17E+00	370933.96	3757895.90	3.85E+00	370933.96	3757895.90	1.44E+00	370933.96	3757895.90	8.25E-02	370933.96	3757895.90	8.25E-02	370933.96	3757895.90	1.04E+00
371041.00	3757083.00	4.45E+00	371041.00	3757083.00	1.45E+01	371041.00	3757083.00	5.37E+00	371041.00	3757083.00	3.16E-01	371041.00	3757083.00	3.16E-01	371041.00	3757083.00	7.84E-01
371041.00	3757183.00	3.64E+00	371041.00	3757183.00	1.21E+01	371041.00	3757183.00	4.48E+00	371041.00	3757183.00	2.64E-01	371041.00	3757183.00	2.64E-01	371041.00	3757183.00	8.61E-01
371041.00	3757283.00	3.99E+00	371041.00	3757283.00	1.26E+01	371041.00	3757283.00	4.61E+00	371041.00	3757283.00	2.65E-01	371041.00	3757283.00	2.65E-01	371041.00	3757283.00	8.13E-01
371141.00	3757083.00	3.80E+00	371141.00	3757083.00	1.25E+01	371141.00	3757083.00	4.63E+00	371141.00	3757083.00	2.72E-01	371141.00	3757083.00	2.72E-01	371141.00	3757083.00	8.45E-01
371141.00	3757183.00	3.00E+00	371141.00	3757183.00	1.01E+01	371141.00	3757183.00	3.76E+00	371141.00	3757183.00	2.23E-01	371141.00	3757183.00	2.23E-01	371141.00	3757183.00	9.19E-01
371141.00	3757283.00	3.27E+00	371141.00	3757283.00	1.04E+01	371141.00	3757283.00	3.81E+00	371141.00	3757283.00	2.21E-01	371141.00	3757283.00	2.21E-01	371141.00	3757283.00	8.70E-01







LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M	UTM X	UTM Y	2019	UTM X	UTM Y	2019	UTM X	UTM Y	2019_M
375900.00	3759500.00	2.87E-01	375900.00	3759500.00	9.79E-01	375900.00	3759500.00	3.67E-01	375900.00	3759500.00	2.19E-02	375900.00	3759500.00	2.19E-02	375900.00	3759500.00	4.12E-01
376900.00	3753500.00	9.23E-02	376900.00	3753500.00	2.84E-01	376900.00	3753500.00	1.05E-01	376900.00	3753500.00	5.85E-03	376900.00	3753500.00	5.85E-03	376900.00	3753500.00	1.74E-01
376900.00	3754500.00	1.04E-01	376900.00	3754500.00	3.45E-01	376900.00	3754500.00	1.29E-01	376900.00	3754500.00	7.48E-03	376900.00	3754500.00	7.48E-03	376900.00	3754500.00	1.12E-01
376900.00	3757500.00	2.48E-01	376900.00	3757500.00	8.56E-01	376900.00	3757500.00	3.21E-01	376900.00	3757500.00	1.91E-02	376900.00	3757500.00	1.91E-02	376900.00	3757500.00	3.94E-01
376900.00	3763500.00	1.51E-01	376900.00	3763500.00	4.93E-01	376900.00	3763500.00	1.84E-01	376900.00	3763500.00	1.06E-02	376900.00	3763500.00	1.06E-02	376900.00	3763500.00	6.31E-02
377900.00	3758500.00	2.66E-01	377900.00	3758500.00	9.06E-01	377900.00	3758500.00	3.40E-01	377900.00	3758500.00	2.03E-02	377900.00	3758500.00	2.03E-02	377900.00	3758500.00	4.20E-01
378900.00	3754500.00	1.30E-01	378900.00	3754500.00	4.39E-01	378900.00	3754500.00	1.64E-01	378900.00	3754500.00	9.61E-03	378900.00	3754500.00	9.61E-03	378900.00	3754500.00	1.38E-01
378900.00	3761500.00	2.18E-01	378900.00	3761500.00	7.25E-01	378900.00	3761500.00	2.71E-01	378900.00	3761500.00	1.58E-02	378900.00	3761500.00	1.58E-02	378900.00	3761500.00	1.16E-01
379900.00	3753500.00	6.36E-02	379900.00	3753500.00	2.10E-01	379900.00	3753500.00	7.84E-02	379900.00	3753500.00	4.55E-03	379900.00	3753500.00	4.55E-03	379900.00	3753500.00	5.42E-02
379900.00	3758500.00	1.40E-01	379900.00	3758500.00	4.84E-01	379900.00	3758500.00	1.82E-01	379900.00	3758500.00	1.83E-02	379900.00	3758500.00	1.83E-02	379900.00	3758500.00	2.14E-01
380900.00	3764500.00	9.22E-02	380900.00	3764500.00	2.50E-01	380900.00	3764500.00	9.61E-02	380900.00	3764500.00	8.52E-03	380900.00	3764500.00	8.52E-03	380900.00	3764500.00	1.03E-01
381900.00	3753500.00	7.42E-02	381900.00	3753500.00	2.54E-01	381900.00	3753500.00	9.54E-02	381900.00	3753500.00	5.65E-03	381900.00	3753500.00	5.65E-03	381900.00	3753500.00	6.18E-02
381900.00	3758500.00	1.10E-01	381900.00	3758500.00	3.76E-01	381900.00	3758500.00	1.41E-01	381900.00	3758500.00	1.14E-02	381900.00	3758500.00	1.14E-02	381900.00	3758500.00	1.53E-01
383900.00	3758500.00	8.41E-02	383900.00	3758500.00	2.85E-01	383900.00	3758500.00	1.07E-01	383900.00	3758500.00	7.04E-03	383900.00	3758500.00	7.04E-03	383900.00	3758500.00	8.92E-02
383900.00	3759500.00	9.44E-02	383900.00	3759500.00	3.08E-01	383900.00	3759500.00	1.15E-01	383900.00	3759500.00	7.40E-03	383900.00	3759500.00	7.40E-03	383900.00	3759500.00	8.78E-02
383900.00	3760500.00	9.01E-02	383900.00	3760500.00	2.99E-01	383900.00	3760500.00	1.12E-01	383900.00	3760500.00	7.25E-03	383900.00	3760500.00	7.25E-03	383900.00	3760500.00	1.06E-01
383900.00	3761500.00	9.75E-02	383900.00	3761500.00	3.29E-01	383900.00	3761500.00	1.23E-01	383900.00	3761500.00	7.25E-03	383900.00	3761500.00	7.25E-03	383900.00	3761500.00	1.21E-01



















LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M	UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M
373393.43	3757684.85	6.50E+00	373393.43	3757684.85	1.99E+01	373393.43	3757684.85	7.78E+00	373393.43	3757684.85	1.02E+00	373393.43	3757684.85	1.02E+00	373393.43	3757684.85	2.03E+00
373394.30	3757744.19	5.33E+00	373394.30	3757744.19	1.83E+01	373394.30	3757744.19	7.16E+00	373394.30	3757744.19	9.28E-01	373394.30	3757744.19	9.28E-01	373394.30	3757744.19	2.30E+00
367047.63	3761097.01	8.42E-01	367047.63	3761097.01	1.02E+00	367047.63	3761097.01	4.34E-01	367047.63	3761097.01	5.11E-02	367047.63	3761097.01	5.11E-02	367047.63	3761097.01	1.40E-01
370737.54	3762942.92	6.23E-01	370737.54	3762942.92	8.06E-01	370737.54	3762942.92	3.40E-01	370737.54	3762942.92	4.01E-02	370737.54	3762942.92	4.01E-02	370737.54	3762942.92	1.34E-01
371031.93	3758057.86	3.41E+00	371031.93	3758057.86	3.98E+00	371031.93	3758057.86	1.74E+00	371031.93	3758057.86	2.07E-01	371031.93	3758057.86	2.07E-01	371031.93	3758057.86	3.27E+00
371034.38	3758338.88	2.95E+00	371034.38	3758338.88	4.09E+00	371034.38	3758338.88	1.78E+00	371034.38	3758338.88	2.13E-01	371034.38	3758338.88	2.13E-01	371034.38	3758338.88	3.89E+00
371091.65	3754274.94	1.93E+00	371091.65	3754274.94	2.25E+00	371091.65	3754274.94	9.62E-01	371091.65	3754274.94	1.16E-01	371091.65	3754274.94	1.16E-01	371091.65	3754274.94	7.59E-01
371165.78	3758547.83	2.90E+00	371165.78	3758547.83	4.13E+00	371165.78	3758547.83	1.79E+00	371165.78	3758547.83	2.08E-01	371165.78	3758547.83	2.08E-01	371165.78	3758547.83	3.43E+00
372241.00	3757383.00	9.11E+00	372241.00	3757383.00	7.78E+00	372241.00	3757383.00	3.26E+00	372241.00	3757383.00	3.55E-01	372241.00	3757383.00	3.55E-01	372241.00	3757383.00	4.84E+00
372703.01	3761799.64	1.14E+00	372703.01	3761799.64	1.79E+00	372703.01	3761799.64	7.65E-01	372703.01	3761799.64	8.51E-02	372703.01	3761799.64	8.51E-02	372703.01	3761799.64	3.99E-01
374194.97	3754806.86	1.20E+00	374194.97	3754806.86	1.46E+00	374194.97	3754806.86	6.12E-01	374194.97	3754806.86	7.45E-02	374194.97	3754806.86	7.45E-02	374194.97	3754806.86	3.37E-01
374697.43	3760305.50	1.33E+00	374697.43	3760305.50	1.67E+00	374697.43	3760305.50	7.13E-01	374697.43	3760305.50	8.05E-02	374697.43	3760305.50	8.05E-02	374697.43	3760305.50	4.98E-01
375423.74	3758805.14	1.44E+00	375423.74	3758805.14	2.19E+00	375423.74	3758805.14	9.29E-01	375423.74	3758805.14	1.06E-01	375423.74	3758805.14	1.06E-01	375423.74	3758805.14	8.79E-01
375433.42	3757541.59	1.91E+00	375433.42	3757541.59	3.74E+00	375433.42	3757541.59	1.54E+00	375433.42	3757541.59	1.84E-01	375433.42	3757541.59	1.84E-01	375433.42	3757541.59	3.86E-01
378090.06	3758535.33	1.19E+00	378090.06	3758535.33	1.69E+00	378090.06	3758535.33	7.13E-01	378090.06	3758535.33	8.02E-02	378090.06	3758535.33	8.02E-02	378090.06	3758535.33	1.55E+00
368494.88	3756671.28	4.56E+00	368494.88	3756671.28	5.54E+00	368494.88	3756671.28	2.36E+00	368494.88	3756671.28	2.82E-01	368494.88	3756671.28	2.82E-01	368494.88	3756671.28	8.78E-01
370394.80	3756845.73	1.56E+01	370394.80	3756845.73	4.90E+01	370394.80	3756845.73	2.19E+01	370394.80	3756845.73	3.00E+00	370394.80	3756845.73	3.00E+00	370394.80	3756845.73	2.04E+00
368983.23	3754581.57	2.28E+00	368983.23	3754581.57	2.54E+00	368983.23	3754581.57	1.11E+00	368983.23	3754581.57	1.27E-01	368983.23	3754581.57	1.27E-01	368983.23	3754581.57	7.35E-01
369216.41	3758422.45	3.11E+00	369216.41	3758422.45	4.29E+00	369216.41	3758422.45	1.88E+00	369216.41	3758422.45	2.19E-01	369216.41	3758422.45	2.19E-01	369216.41	3758422.45	1.26E+00
369532.57	3755391.67	4.20E+00	369532.57	3755391.67	5.85E+00	369532.57	3755391.67	2.59E+00	369532.57	3755391.67	2.98E-01	369532.57	3755391.67	2.98E-01	369532.57	3755391.67	2.06E+00
369574.04	3758166.39	4.14E+00	369574.04	3758166.39	5.10E+00	369574.04	3758166.39	2.26E+00	369574.04	3758166.39	2.78E-01	369574.04	3758166.39	2.78E-01	369574.04	3758166.39	3.18E+00
369581.37	3758516.07	3.54E+00	369581.37	3758516.07	4.22E+00	369581.37	3758516.07	1.85E+00	369581.37	3758516.07	2.14E-01	369581.37	3758516.07	2.14E-01	369581.37	3758516.07	1.94E+00
369830.08	3755394.84	4.02E+00	369830.08	3755394.84	5.05E+00	369830.08	3755394.84	2.26E+00	369830.08	3755394.84	2.66E-01	369830.08	3755394.84	2.66E-01	369830.08	3755394.84	1.40E+00
370114.12	3758186.53	4.60E+00	370114.12	3758186.53	4.52E+00	370114.12	3758186.53	1.98E+00	370114.12	3758186.53	2.08E-01	370114.12	3758186.53	2.08E-01	370114.12	3758186.53	1.89E+00
371021.69	3757820.60	4.40E+00	371021.69	3757820.60	5.15E+00	371021.69	3757820.60	2.26E+00	371021.69	3757820.60	2.68E-01	371021.69	3757820.60	2.68E-01	371021.69	3757820.60	4.37E+00
366809.77	3757837.27	1.84E+00	366809.77	3757837.27	2.20E+00	366809.77	3757837.27	9.28E-01	366809.77	3757837.27	1.12E-01	366809.77	3757837.27	1.12E-01	366809.77	3757837.27	5.31E-01
366843.26	3757860.52	1.83E+00	366843.26	3757860.52	2.20E+00	366843.26	3757860.52	9.27E-01	366843.26	3757860.52	1.12E-01	366843.26	3757860.52	1.12E-01	366843.26	3757860.52	5.47E-01
366900.00	3758500.00	1.60E+00	366900.00	3758500.00	1.83E+00	366900.00	3758500.00	7.82E-01	366900.00	3758500.00	9.13E-02	366900.00	3758500.00	9.13E-02	366900.00	3758500.00	8.57E-01
366900.00	3762500.00	6.51E-01	366900.00	3762500.00	7.88E-01	366900.00	3762500.00	3.30E-01	366900.00	3762500.00	4.03E-02	366900.00	3762500.00	4.03E-02	366900.00	3762500.00	1.88E-01
366900.00	3763500.00	4.98E-01	366900.00	3763500.00	6.42E-01	366900.00	3763500.00	2.71E-01	366900.00	3763500.00	3.20E-02	366900.00	3763500.00	3.20E-02	366900.00	3763500.00	8.68E-02
366900.00	3764500.00	6.73E-01	366900.00	3764500.00	8.88E-01	366900.00	3764500.00	3.79E-01	366900.00	3764500.00	4.29E-02	366900.00	3764500.00	4.29E-02	366900.00	3764500.00	1.74E-01
366982.41	3757958.65	1.78E+00	366982.41	3757958.65	2.08E+00	366982.41	3757958.65	8.82E-01	366982.41	3757958.65	1.07E-01	366982.41	3757958.65	1.07E-01	366982.41	3757958.65	5.93E-01
367163.97	3758028.80	1.88E+00	367163.97	3758028.80	2.26E+00	367163.97	3758028.80	9.55E-01	367163.97	3758028.80	1.15E-01	367163.97	3758028.80	1.15E-01	367163.97	3758028.80	6.62E-01
367275.38	3757999.92	1.94E+00	367275.38	3757999.92	2.35E+00	367275.38	3757999.92	9.92E-01	367275.38	3757999.92	1.20E-01	367275.38	3757999.92	1.20E-01	367275.38	3757999.92	6.53E-01
367395.04	3758065.94	1.91E+00	367395.04	3758065.94	2.32E+00	367395.04	3758065.94	9.77E-01	367395.04	3758065.94	1.19E-01	367395.04	3758065.94	1.19E-01	367395.04	3758065.94	6.45E-01
367880.40	3758145.84	3.66E+00	367880.40	3758145.84	4.33E+00	367880.40	3758145.84	1.89E+00	367880.40	3758145.84	1.96E-01	367880.40	3758145.84	1.96E-01	367880.40	3758145.84	1.61E+00
367900.00	3761500.00	7.95E-01	367900.00	3761500.00	9.80E-01	367900.00	3761500.00	4.13E-01	367900.00	3761500.00	4.93E-02	367900.00	3761500.00	4.93E-02	367900.00	3761500.00	3.13E-01
367900.00	3762500.00	8.22E-01	367900.00	3762500.00	9.46E-01	367900.00	3762500.00	4.02E-01	367900.00	3762500.00	4.79E-02	367900.00	3762500.00	4.79E-02	367900.00	3762500.00	1.15E-01
367900.00	3764500.00	4.52E-01	367900.00	3764500.00	5.91E-01	367900.00	3764500.00	2.50E-01	367900.00	3764500.00	2.92E-02	367900.00	3764500.00	2.92E-02	367900.00	3764500.00	8.82E-02
368068.97	3758068.94	4.39E+00	368068.97	3758068.94	5.48E+00	368068.97	3758068.94	2.39E+00	368068.97	3758068.94	2.51E-01	368068.97	3758068.94	2.51E-01	368068.97	3758068.94	1.95E+00
368182.48	3758015.85	4.06E+00	368182.48	3758015.85	5.08E+00	368182.48	3758015.85	2.26E+00	368182.48	3758015.85	2.48E-01	368182.48	3758015.85	2.48E-01	368182.48	3758015.85	1.16E+00
368416.83	3757988.39	4.53E+00	368416.83	3757988.39	6.64E+00	368416.83	3757988.39	2.90E+00	368416.83	3757988.39	3.40E-01	368416.83	3757988.39	3.40E-01	368416.83	3757988.39	2.08E+00
368577.94	3757979.23	4.67E+00	368577.94	3757979.23	5.09E+00	368577.94	3757979.23	2.25E+00	368577.94	3757979.23	2.72E-01	368577.94	3757979.23	2.72E-01	368577.94	3757979.23	1.18E+00

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020_M	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020_M
368764.68	3758079.93	4.51E+00	368764.68	3758079.93	6.26E+00	368764.68	3758079.93	2.73E+00	368764.68	3758079.93	3.44E-01	368764.68	3758079.93	3.44E-01	368764.68	3758079.93	3.01E+00
368900.00	3754500.00	2.08E+00	368900.00	3754500.00	2.42E+00	368900.00	3754500.00	1.03E+00	368900.00	3754500.00	1.24E-01	368900.00	3754500.00	1.24E-01	368900.00	3754500.00	7.14E-01
368900.00	3759500.00	2.36E+00	368900.00	3759500.00	2.99E+00	368900.00	3759500.00	1.31E+00	368900.00	3759500.00	1.43E-01	368900.00	3759500.00	1.43E-01	368900.00	3759500.00	1.64E+00
368900.00	3761500.00	8.90E-01	368900.00	3761500.00	1.05E+00	368900.00	3761500.00	4.42E-01	368900.00	3761500.00	5.21E-02	368900.00	3761500.00	5.21E-02	368900.00	3761500.00	1.59E-01
368900.00	3762500.00	8.33E-01	368900.00	3762500.00	9.35E-01	368900.00	3762500.00	4.01E-01	368900.00	3762500.00	4.71E-02	368900.00	3762500.00	4.71E-02	368900.00	3762500.00	1.36E-01
368900.00	3763500.00	7.47E-01	368900.00	3763500.00	8.61E-01	368900.00	3763500.00	3.66E-01	368900.00	3763500.00	4.36E-02	368900.00	3763500.00	4.36E-02	368900.00	3763500.00	1.44E-01
368900.00	3764500.00	6.45E-01	368900.00	3764500.00	7.63E-01	368900.00	3764500.00	3.21E-01	368900.00	3764500.00	3.88E-02	368900.00	3764500.00	3.88E-02	368900.00	3764500.00	8.34E-02
368944.10	3758186.12	3.62E+00	368944.10	3758186.12	5.06E+00	368944.10	3758186.12	2.14E+00	368944.10	3758186.12	2.44E-01	368944.10	3758186.12	2.44E-01	368944.10	3758186.12	2.42E+00
369206.25	3758147.26	3.80E+00	369206.25	3758147.26	5.03E+00	369206.25	3758147.26	2.21E+00	369206.25	3758147.26	2.55E-01	369206.25	3758147.26	2.55E-01	369206.25	3758147.26	2.54E+00
369268.49	3758066.34	4.00E+00	369268.49	3758066.34	5.43E+00	369268.49	3758066.34	2.39E+00	369268.49	3758066.34	2.76E-01	369268.49	3758066.34	2.76E-01	369268.49	3758066.34	2.99E+00
369333.85	3757999.43	3.90E+00	369333.85	3757999.43	5.22E+00	369333.85	3757999.43	2.31E+00	369333.85	3757999.43	2.74E-01	369333.85	3757999.43	2.74E-01	369333.85	3757999.43	2.35E+00
369425.60	3758641.99	3.17E+00	369425.60	3758641.99	4.12E+00	369425.60	3758641.99	1.81E+00	369425.60	3758641.99	2.21E-01	369425.60	3758641.99	2.21E-01	369425.60	3758641.99	1.61E+00
369599.53	3758634.67	3.43E+00	369599.53	3758634.67	3.96E+00	369599.53	3758634.67	1.74E+00	369599.53	3758634.67	1.95E-01	369599.53	3758634.67	1.95E-01	369599.53	3758634.67	1.40E+00
369775.29	3758632.83	3.42E+00	369775.29	3758632.83	4.08E+00	369775.29	3758632.83	1.81E+00	369775.29	3758632.83	2.22E-01	369775.29	3758632.83	2.22E-01	369775.29	3758632.83	1.26E+00
369834.01	3758329.33	3.67E+00	369834.01	3758329.33	4.32E+00	369834.01	3758329.33	1.90E+00	369834.01	3758329.33	2.30E-01	369834.01	3758329.33	2.30E-01	369834.01	3758329.33	1.24E+00
369900.00	3754500.00	2.32E+00	369900.00	3754500.00	2.70E+00	369900.00	3754500.00	1.16E+00	369900.00	3754500.00	1.40E-01	369900.00	3754500.00	1.40E-01	369900.00	3754500.00	7.67E-01
369900.00	3758500.00	3.17E+00	369900.00	3758500.00	3.79E+00	369900.00	3758500.00	1.65E+00	369900.00	3758500.00	2.04E-01	369900.00	3758500.00	2.04E-01	369900.00	3758500.00	1.10E+00
369900.00	3759500.00	2.03E+00	369900.00	3759500.00	2.86E+00	369900.00	3759500.00	1.25E+00	369900.00	3759500.00	1.41E-01	369900.00	3759500.00	1.41E-01	369900.00	3759500.00	1.42E+00
369900.00	3761500.00	9.26E-01	369900.00	3761500.00	1.09E+00	369900.00	3761500.00	4.58E-01	369900.00	3761500.00	5.61E-02	369900.00	3761500.00	5.61E-02	369900.00	3761500.00	1.96E-01
369900.00	3762500.00	7.43E-01	369900.00	3762500.00	8.69E-01	369900.00	3762500.00	3.69E-01	369900.00	3762500.00	4.44E-02	369900.00	3762500.00	4.44E-02	369900.00	3762500.00	1.31E-01
369900.00	3764500.00	5.14E-01	369900.00	3764500.00	6.11E-01	369900.00	3764500.00	2.56E-01	369900.00	3764500.00	3.11E-02	369900.00	3764500.00	3.11E-02	369900.00	3764500.00	8.59E-02
370006.10	3758331.16	3.25E+00	370006.10	3758331.16	4.60E+00	370006.10	3758331.16	2.02E+00	370006.10	3758331.16	2.38E-01	370006.10	3758331.16	2.38E-01	370006.10	3758331.16	1.90E+00
370183.69	3758338.49	4.67E+00	370183.69	3758338.49	5.58E+00	370183.69	3758338.49	2.48E+00	370183.69	3758338.49	2.54E-01	370183.69	3758338.49	2.54E-01	370183.69	3758338.49	1.93E+00
370425.35	3758336.66	3.97E+00	370425.35	3758336.66	5.13E+00	370425.35	3758336.66	2.27E+00	370425.35	3758336.66	2.97E-01	370425.35	3758336.66	2.97E-01	370425.35	3758336.66	1.39E+00
370701.79	3758334.82	3.00E+00	370701.79	3758334.82	3.37E+00	370701.79	3758334.82	1.47E+00	370701.79	3758334.82	1.72E-01	370701.79	3758334.82	1.72E-01	370701.79	3758334.82	2.21E+00
370780.52	3758327.50	2.98E+00	370780.52	3758327.50	3.43E+00	370780.52	3758327.50	1.51E+00	370780.52	3758327.50	1.81E-01	370780.52	3758327.50	1.81E-01	370780.52	3758327.50	2.50E+00
370900.00	3759500.00	2.11E+00	370900.00	3759500.00	3.09E+00	370900.00	3759500.00	1.35E+00	370900.00	3759500.00	1.55E-01	370900.00	3759500.00	1.55E-01	370900.00	3759500.00	1.13E+00
370900.00	3760500.00	2.09E+00	370900.00	3760500.00	3.18E+00	370900.00	3760500.00	1.38E+00	370900.00	3760500.00	1.63E-01	370900.00	3760500.00	1.63E-01	370900.00	3760500.00	4.58E-01
370900.00	3762500.00	1.01E+00	370900.00	3762500.00	1.08E+00	370900.00	3762500.00	4.72E-01	370900.00	3762500.00	5.35E-02	370900.00	3762500.00	5.35E-02	370900.00	3762500.00	1.47E-01
370900.00	3763500.00	6.17E-01	370900.00	3763500.00	7.05E-01	370900.00	3763500.00	2.95E-01	370900.00	3763500.00	3.51E-02	370900.00	3763500.00	3.51E-02	370900.00	3763500.00	1.33E-01
370900.00	3764500.00	4.69E-01	370900.00	3764500.00	6.12E-01	370900.00	3764500.00	2.57E-01	370900.00	3764500.00	3.04E-02	370900.00	3764500.00	3.04E-02	370900.00	3764500.00	1.14E-01
371295.29	3758036.94	3.70E+00	371295.29	3758036.94	4.27E+00	371295.29	3758036.94	1.86E+00	371295.29	3758036.94	2.21E-01	371295.29	3758036.94	2.21E-01	371295.29	3758036.94	3.50E+00
371421.46	3758118.19	4.02E+00	371421.46	3758118.19	4.05E+00	371421.46	3758118.19	1.76E+00	371421.46	3758118.19	2.09E-01	371421.46	3758118.19	2.09E-01	371421.46	3758118.19	5.01E+00
371550.51	3758209.00	4.19E+00	371550.51	3758209.00	3.80E+00	371550.51	3758209.00	1.64E+00	371550.51	3758209.00	1.95E-01	371550.51	3758209.00	1.95E-01	371550.51	3758209.00	3.50E+00
371685.28	3758299.81	3.04E+00	371685.28	3758299.81	3.58E+00	371685.28	3758299.81	1.53E+00	371685.28	3758299.81	1.84E-01	371685.28	3758299.81	1.84E-01	371685.28	3758299.81	2.95E+00
371754.11	3758291.20	2.99E+00	371754.11	3758291.20	3.66E+00	371754.11	3758291.20	1.53E+00	371754.11	3758291.20	1.84E-01	371754.11	3758291.20	1.84E-01	371754.11	3758291.20	3.01E+00
371807.64	3758213.78	2.90E+00	371807.64	3758213.78	3.73E+00	371807.64	3758213.78	1.57E+00	371807.64	3758213.78	1.85E-01	371807.64	3758213.78	1.85E-01	371807.64	3758213.78	3.49E+00
371874.55	3758164.07	3.03E+00	371874.55	3758164.07	3.95E+00	371874.55	3758164.07	1.66E+00	371874.55	3758164.07	1.92E-01	371874.55	3758164.07	1.92E-01	371874.55	3758164.07	3.92E+00
371900.00	3758500.00	2.62E+00	371900.00	3758500.00	3.92E+00	371900.00	3758500.00	1.51E+00	371900.00	3758500.00	2.09E-01	371900.00	3758500.00	2.09E-01	371900.00	3758500.00	1.14E+00
371900.00	3759500.00	1.48E+00	371900.00	3759500.00	1.83E+00	371900.00	3759500.00	7.63E-01	371900.00	3759500.00	9.35E-02	371900.00	3759500.00	9.35E-02	371900.00	3759500.00	4.08E-01
371900.00	3762500.00	9.86E-01	371900.00	3762500.00	1.52E+00	371900.00	3762500.00	6.52E-01	371900.00	3762500.00	7.30E-02	371900.00	3762500.00	7.30E-02	371900.00	3762500.00	3.27E-01
371900.00	3763500.00	8.09E-01	371900.00	3763500.00	1.04E+00	371900.00	3763500.00	4.22E-01	371900.00	3763500.00	5.30E-02	371900.00	3763500.00	5.30E-02	371900.00	3763500.00	1.38E-01
371933.81	3758104.81	3.16E+00	371933.81	3758104.81	4.11E+00	371933.81	3758104.81	1.74E+00	371933.81	3758104.81	2.08E-01	371933.81	3758104.81	2.08E-01	371933.81	3758104.81	4.58E+00

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020_M	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020_M
372241.00	3757883.00	1.64E+01	372241.00	3757883.00	5.69E+00	372241.00	3757883.00	2.42E+00	372241.00	3757883.00	2.86E-01	372241.00	3757883.00	2.86E-01	372241.00	3757883.00	1.46E+01
372241.00	3757983.00	5.55E+00	372241.00	3757983.00	5.95E+00	372241.00	3757983.00	2.39E+00	372241.00	3757983.00	2.95E-01	372241.00	3757983.00	2.95E-01	372241.00	3757983.00	7.49E+00
372341.00	3757883.00	1.63E+01	372341.00	3757883.00	6.65E+00	372341.00	3757883.00	2.70E+00	372341.00	3757883.00	3.30E-01	372341.00	3757883.00	3.30E-01	372341.00	3757883.00	1.44E+01
372341.00	3757983.00	9.81E+00	372341.00	3757983.00	6.75E+00	372341.00	3757983.00	2.62E+00	372341.00	3757983.00	3.57E-01	372341.00	3757983.00	3.57E-01	372341.00	3757983.00	7.39E+00
372900.00	3753500.00	1.10E+00	372900.00	3753500.00	1.31E+00	372900.00	3753500.00	5.43E-01	372900.00	3753500.00	6.73E-02	372900.00	3753500.00	6.73E-02	372900.00	3753500.00	1.79E-01
372900.00	3754500.00	1.44E+00	372900.00	3754500.00	1.74E+00	372900.00	3754500.00	7.37E-01	372900.00	3754500.00	8.85E-02	372900.00	3754500.00	8.85E-02	372900.00	3754500.00	2.27E-01
372900.00	3759500.00	1.52E+00	372900.00	3759500.00	1.81E+00	372900.00	3759500.00	7.64E-01	372900.00	3759500.00	9.20E-02	372900.00	3759500.00	9.20E-02	372900.00	3759500.00	3.97E-01
372900.00	3760500.00	9.85E-01	372900.00	3760500.00	1.21E+00	372900.00	3760500.00	5.15E-01	372900.00	3760500.00	6.10E-02	372900.00	3760500.00	6.10E-02	372900.00	3760500.00	2.77E-01
372900.00	3761500.00	1.14E+00	372900.00	3761500.00	1.72E+00	372900.00	3761500.00	7.31E-01	372900.00	3761500.00	8.27E-02	372900.00	3761500.00	8.27E-02	372900.00	3761500.00	3.78E-01
372900.00	3762500.00	9.40E-01	372900.00	3762500.00	1.46E+00	372900.00	3762500.00	6.31E-01	372900.00	3762500.00	6.99E-02	372900.00	3762500.00	6.99E-02	372900.00	3762500.00	3.35E-01
373541.00	3757783.00	4.25E+00	373541.00	3757783.00	1.38E+01	373541.00	3757783.00	5.46E+00	373541.00	3757783.00	7.05E-01	373541.00	3757783.00	7.05E-01	373541.00	3757783.00	1.93E+00
373541.00	3757883.00	3.22E+00	373541.00	3757883.00	1.18E+01	373541.00	3757883.00	4.69E+00	373541.00	3757883.00	5.92E-01	373541.00	3757883.00	5.92E-01	373541.00	3757883.00	1.55E+00
373541.00	3757983.00	2.50E+00	373541.00	3757983.00	8.41E+00	373541.00	3757983.00	3.36E+00	373541.00	3757983.00	4.14E-01	373541.00	3757983.00	4.14E-01	373541.00	3757983.00	1.46E+00
373641.00	3756983.00	1.82E+00	373641.00	3756983.00	5.04E+00	373641.00	3756983.00	1.93E+00	373641.00	3756983.00	2.81E-01	373641.00	3756983.00	2.81E-01	373641.00	3756983.00	2.00E+00
373641.00	3757083.00	2.00E+00	373641.00	3757083.00	5.08E+00	373641.00	3757083.00	1.92E+00	373641.00	3757083.00	2.96E-01	373641.00	3757083.00	2.96E-01	373641.00	3757083.00	1.47E+00
373641.00	3757183.00	2.28E+00	373641.00	3757183.00	5.48E+00	373641.00	3757183.00	2.33E+00	373641.00	3757183.00	2.62E-01	373641.00	3757183.00	2.62E-01	373641.00	3757183.00	1.94E+00
373641.00	3757283.00	3.44E+00	373641.00	3757283.00	9.92E+00	373641.00	3757283.00	4.11E+00	373641.00	3757283.00	4.64E-01	373641.00	3757283.00	4.64E-01	373641.00	3757283.00	2.05E+00
373641.00	3757383.00	5.31E+00	373641.00	3757383.00	1.37E+01	373641.00	3757383.00	5.64E+00	373641.00	3757383.00	6.90E-01	373641.00	3757383.00	6.90E-01	373641.00	3757383.00	1.57E+00
373641.00	3757483.00	6.55E+00	373641.00	3757483.00	1.50E+01	373641.00	3757483.00	6.08E+00	373641.00	3757483.00	7.97E-01	373641.00	3757483.00	7.97E-01	373641.00	3757483.00	1.47E+00
373641.00	3757583.00	6.10E+00	373641.00	3757583.00	1.40E+01	373641.00	3757583.00	5.50E+00	373641.00	3757583.00	7.53E-01	373641.00	3757583.00	7.53E-01	373641.00	3757583.00	1.71E+00
373641.00	3757683.00	5.05E+00	373641.00	3757683.00	1.07E+01	373641.00	3757683.00	4.11E+00	373641.00	3757683.00	5.76E-01	373641.00	3757683.00	5.76E-01	373641.00	3757683.00	1.32E+00
373641.00	3757783.00	4.11E+00	373641.00	3757783.00	1.14E+01	373641.00	3757783.00	4.53E+00	373641.00	3757783.00	5.93E-01	373641.00	3757783.00	5.93E-01	373641.00	3757783.00	1.72E+00
373641.00	3757883.00	3.19E+00	373641.00	3757883.00	1.11E+01	373641.00	3757883.00	4.43E+00	373641.00	3757883.00	5.64E-01	373641.00	3757883.00	5.64E-01	373641.00	3757883.00	1.38E+00
373641.00	3757983.00	2.48E+00	373641.00	3757983.00	9.23E+00	373641.00	3757983.00	3.68E+00	373641.00	3757983.00	4.59E-01	373641.00	3757983.00	4.59E-01	373641.00	3757983.00	1.37E+00
373687.89	3757980.08	2.49E+00	373687.89	3757980.08	9.35E+00	373687.89	3757980.08	3.73E+00	373687.89	3757980.08	4.68E-01	373687.89	3757980.08	4.68E-01	373687.89	3757980.08	1.33E+00
373900.00	3753500.00	9.54E-01	373900.00	3753500.00	1.18E+00	373900.00	3753500.00	4.93E-01	373900.00	3753500.00	5.89E-02	373900.00	3753500.00	5.89E-02	373900.00	3753500.00	1.76E-01
373900.00	3754500.00	1.27E+00	373900.00	3754500.00	1.59E+00	373900.00	3754500.00	6.62E-01	373900.00	3754500.00	8.17E-02	373900.00	3754500.00	8.17E-02	373900.00	3754500.00	2.07E-01
373900.00	3755500.00	1.34E+00	373900.00	3755500.00	1.73E+00	373900.00	3755500.00	7.15E-01	373900.00	3755500.00	8.90E-02	373900.00	3755500.00	8.90E-02	373900.00	3755500.00	5.58E-01
373900.00	3756500.00	1.52E+00	373900.00	3756500.00	3.18E+00	373900.00	3756500.00	1.21E+00	373900.00	3756500.00	1.79E-01	373900.00	3756500.00	1.79E-01	373900.00	3756500.00	1.83E+00
373900.00	3757500.00	4.75E+00	373900.00	3757500.00	1.11E+01	373900.00	3757500.00	4.49E+00	373900.00	3757500.00	5.70E-01	373900.00	3757500.00	5.70E-01	373900.00	3757500.00	1.32E+00
373900.00	3758500.00	1.32E+00	373900.00	3758500.00	2.38E+00	373900.00	3758500.00	9.65E-01	373900.00	3758500.00	1.13E-01	373900.00	3758500.00	1.13E-01	373900.00	3758500.00	7.95E-01
373900.00	3760500.00	1.35E+00	373900.00	3760500.00	1.74E+00	373900.00	3760500.00	7.46E-01	373900.00	3760500.00	8.70E-02	373900.00	3760500.00	8.70E-02	373900.00	3760500.00	4.25E-01
373900.00	3761500.00	1.19E+00	373900.00	3761500.00	1.72E+00	373900.00	3761500.00	7.46E-01	373900.00	3761500.00	8.22E-02	373900.00	3761500.00	8.22E-02	373900.00	3761500.00	4.46E-01
373900.00	3764500.00	6.33E-01	373900.00	3764500.00	9.87E-01	373900.00	3764500.00	4.25E-01	373900.00	3764500.00	4.68E-02	373900.00	3764500.00	4.68E-02	373900.00	3764500.00	2.15E-01
374900.00	3754500.00	9.75E-01	374900.00	3754500.00	1.20E+00	374900.00	3754500.00	4.99E-01	374900.00	3754500.00	6.10E-02	374900.00	3754500.00	6.10E-02	374900.00	3754500.00	3.51E-01
374900.00	3755500.00	1.20E+00	374900.00	3755500.00	1.46E+00	374900.00	3755500.00	6.09E-01	374900.00	3755500.00	7.35E-02	374900.00	3755500.00	7.35E-02	374900.00	3755500.00	8.71E-01
374900.00	3756500.00	1.14E+00	374900.00	3756500.00	1.43E+00	374900.00	3756500.00	5.94E-01	374900.00	3756500.00	7.28E-02	374900.00	3756500.00	7.28E-02	374900.00	3756500.00	7.24E-01
374900.00	3757500.00	2.33E+00	374900.00	3757500.00	4.85E+00	374900.00	3757500.00	2.00E+00	374900.00	3757500.00	2.39E-01	374900.00	3757500.00	2.39E-01	374900.00	3757500.00	5.28E-01
374900.00	3759500.00	1.34E+00	374900.00	3759500.00	2.00E+00	374900.00	3759500.00	8.41E-01	374900.00	3759500.00	9.68E-02	374900.00	3759500.00	9.68E-02	374900.00	3759500.00	6.71E-01
374900.00	3760500.00	1.31E+00	374900.00	3760500.00	1.84E+00	374900.00	3760500.00	7.90E-01	374900.00	3760500.00	8.72E-02	374900.00	3760500.00	8.72E-02	374900.00	3760500.00	5.62E-01
374900.00	3761500.00	1.19E+00	374900.00	3761500.00	1.73E+00	374900.00	3761500.00	7.43E-01	374900.00	3761500.00	8.28E-02	374900.00	3761500.00	8.28E-02	374900.00	3761500.00	3.69E-01
374900.00	3762500.00	8.61E-01	374900.00	3762500.00	1.32E+00	374900.00	3762500.00	5.69E-01	374900.00	3762500.00	6.28E-02	374900.00	3762500.00	6.28E-02	374900.00	3762500.00	2.47E-01
374900.00	3763500.00	5.03E-01	374900.00	3763500.00	8.14E-01	374900.00	3763500.00	3.48E-01	374900.00	3763500.00	3.82E-02	374900.00	3763500.00	3.82E-02	374900.00	3763500.00	2.65E-01

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M	UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M
374900.00	3764500.00	5.35E-01	374900.00	3764500.00	9.03E-01	374900.00	3764500.00	3.76E-01	374900.00	3764500.00	4.27E-02	374900.00	3764500.00	4.27E-02	374900.00	3764500.00	2.55E-01
375900.00	3753500.00	6.62E-01	375900.00	3753500.00	8.70E-01	375900.00	3753500.00	3.66E-01	375900.00	3753500.00	4.26E-02	375900.00	3753500.00	4.26E-02	375900.00	3753500.00	1.74E-01
375900.00	3755500.00	9.87E-01	375900.00	3755500.00	1.22E+00	375900.00	3755500.00	5.08E-01	375900.00	3755500.00	6.22E-02	375900.00	3755500.00	6.22E-02	375900.00	3755500.00	2.75E-01
375900.00	3756500.00	9.08E-01	375900.00	3756500.00	1.12E+00	375900.00	3756500.00	4.66E-01	375900.00	3756500.00	5.67E-02	375900.00	3756500.00	5.67E-02	375900.00	3756500.00	3.97E-01
375900.00	3760500.00	1.55E+00	375900.00	3760500.00	1.76E+00	375900.00	3760500.00	7.46E-01	375900.00	3760500.00	8.39E-02	375900.00	3760500.00	8.39E-02	375900.00	3760500.00	1.08E+00
375900.00	3761500.00	7.51E-01	375900.00	3761500.00	1.08E+00	375900.00	3761500.00	4.63E-01	375900.00	3761500.00	5.04E-02	375900.00	3761500.00	5.04E-02	375900.00	3761500.00	4.75E-01
375900.00	3762500.00	9.79E-01	375900.00	3762500.00	1.41E+00	375900.00	3762500.00	6.06E-01	375900.00	3762500.00	6.76E-02	375900.00	3762500.00	6.76E-02	375900.00	3762500.00	3.77E-01
375900.00	3763500.00	8.35E-01	375900.00	3763500.00	1.33E+00	375900.00	3763500.00	5.67E-01	375900.00	3763500.00	6.31E-02	375900.00	3763500.00	6.31E-02	375900.00	3763500.00	3.25E-01
375900.00	3764500.00	3.88E-01	375900.00	3764500.00	4.80E-01	375900.00	3764500.00	2.02E-01	375900.00	3764500.00	2.40E-02	375900.00	3764500.00	2.40E-02	375900.00	3764500.00	1.05E-01
376084.62	3761776.42	6.38E-01	376084.62	3761776.42	1.17E+00	376084.62	3761776.42	4.92E-01	376084.62	3761776.42	5.43E-02	376084.62	3761776.42	5.43E-02	376084.62	3761776.42	4.55E-01
376900.00	3755500.00	7.23E-01	376900.00	3755500.00	9.02E-01	376900.00	3755500.00	3.74E-01	376900.00	3755500.00	4.60E-02	376900.00	3755500.00	4.60E-02	376900.00	3755500.00	3.21E-01
376900.00	3756500.00	7.42E-01	376900.00	3756500.00	9.11E-01	376900.00	3756500.00	3.79E-01	376900.00	3756500.00	4.62E-02	376900.00	3756500.00	4.62E-02	376900.00	3756500.00	1.97E-01
376900.00	3758500.00	1.20E+00	376900.00	3758500.00	1.95E+00	376900.00	3758500.00	8.26E-01	376900.00	3758500.00	9.27E-02	376900.00	3758500.00	9.27E-02	376900.00	3758500.00	1.65E+00
376900.00	3759500.00	1.22E+00	376900.00	3759500.00	2.03E+00	376900.00	3759500.00	8.58E-01	376900.00	3759500.00	9.58E-02	376900.00	3759500.00	9.58E-02	376900.00	3759500.00	6.68E-01
376900.00	3760500.00	9.32E-01	376900.00	3760500.00	1.65E+00	376900.00	3760500.00	6.73E-01	376900.00	3760500.00	7.88E-02	376900.00	3760500.00	7.88E-02	376900.00	3760500.00	4.71E-01
376900.00	3761500.00	1.34E+00	376900.00	3761500.00	1.58E+00	376900.00	3761500.00	6.65E-01	376900.00	3761500.00	7.49E-02	376900.00	3761500.00	7.49E-02	376900.00	3761500.00	4.36E-01
376900.00	3762500.00	5.72E-01	376900.00	3762500.00	1.02E+00	376900.00	3762500.00	4.29E-01	376900.00	3762500.00	4.75E-02	376900.00	3762500.00	4.75E-02	376900.00	3762500.00	3.60E-01
376900.00	3764500.00	3.85E-01	376900.00	3764500.00	4.67E-01	376900.00	3764500.00	1.95E-01	376900.00	3764500.00	2.37E-02	376900.00	3764500.00	2.37E-02	376900.00	3764500.00	9.11E-02
377900.00	3753500.00	5.44E-01	377900.00	3753500.00	6.56E-01	377900.00	3753500.00	2.74E-01	377900.00	3753500.00	3.32E-02	377900.00	3753500.00	3.32E-02	377900.00	3753500.00	3.90E-01
377900.00	3754500.00	5.74E-01	377900.00	3754500.00	6.78E-01	377900.00	3754500.00	2.85E-01	377900.00	3754500.00	3.40E-02	377900.00	3754500.00	3.40E-02	377900.00	3754500.00	1.57E-01
377900.00	3755500.00	5.11E-01	377900.00	3755500.00	6.84E-01	377900.00	3755500.00	2.88E-01	377900.00	3755500.00	3.34E-02	377900.00	3755500.00	3.34E-02	377900.00	3755500.00	3.01E-01
377900.00	3756500.00	1.11E+00	377900.00	3756500.00	1.77E+00	377900.00	3756500.00	7.50E-01	377900.00	3756500.00	8.38E-02	377900.00	3756500.00	8.38E-02	377900.00	3756500.00	5.59E-01
377900.00	3757500.00	1.05E+00	377900.00	3757500.00	1.73E+00	377900.00	3757500.00	7.30E-01	377900.00	3757500.00	8.15E-02	377900.00	3757500.00	8.15E-02	377900.00	3757500.00	7.93E-01
377900.00	3759500.00	9.95E-01	377900.00	3759500.00	1.62E+00	377900.00	3759500.00	6.83E-01	377900.00	3759500.00	7.69E-02	377900.00	3759500.00	7.69E-02	377900.00	3759500.00	5.94E-01
377900.00	3760500.00	7.30E-01	377900.00	3760500.00	1.11E+00	377900.00	3760500.00	4.69E-01	377900.00	3760500.00	5.36E-02	377900.00	3760500.00	5.36E-02	377900.00	3760500.00	3.43E-01
377900.00	3761500.00	7.49E-01	377900.00	3761500.00	1.15E+00	377900.00	3761500.00	4.72E-01	377900.00	3761500.00	5.58E-02	377900.00	3761500.00	5.58E-02	377900.00	3761500.00	2.57E-01
377900.00	3762500.00	8.36E-01	377900.00	3762500.00	8.18E-01	377900.00	3762500.00	3.45E-01	377900.00	3762500.00	4.12E-02	377900.00	3762500.00	4.12E-02	377900.00	3762500.00	2.03E-01
377900.00	3763500.00	3.87E-01	377900.00	3763500.00	6.24E-01	377900.00	3763500.00	2.64E-01	377900.00	3763500.00	3.01E-02	377900.00	3763500.00	3.01E-02	377900.00	3763500.00	1.57E-01
377900.00	3764500.00	3.97E-01	377900.00	3764500.00	4.78E-01	377900.00	3764500.00	2.00E-01	377900.00	3764500.00	2.42E-02	377900.00	3764500.00	2.42E-02	377900.00	3764500.00	1.18E-01
378528.59	3764156.44	3.99E-01	378528.59	3764156.44	6.20E-01	378528.59	3764156.44	2.62E-01	378528.59	3764156.44	2.94E-02	378528.59	3764156.44	2.94E-02	378528.59	3764156.44	1.60E-01
378900.00	3753500.00	4.46E-01	378900.00	3753500.00	5.50E-01	378900.00	3753500.00	2.28E-01	378900.00	3753500.00	2.80E-02	378900.00	3753500.00	2.80E-02	378900.00	3753500.00	1.15E-01
378900.00	3755500.00	6.76E-01	378900.00	3755500.00	1.14E+00	378900.00	3755500.00	4.81E-01	378900.00	3755500.00	5.29E-02	378900.00	3755500.00	5.29E-02	378900.00	3755500.00	3.76E-01
378900.00	3756500.00	9.84E-01	378900.00	3756500.00	1.64E+00	378900.00	3756500.00	6.93E-01	378900.00	3756500.00	7.72E-02	378900.00	3756500.00	7.72E-02	378900.00	3756500.00	5.48E-01
378900.00	3757500.00	8.00E-01	378900.00	3757500.00	1.34E+00	378900.00	3757500.00	5.66E-01	378900.00	3757500.00	6.26E-02	378900.00	3757500.00	6.26E-02	378900.00	3757500.00	5.55E-01
378900.00	3758500.00	1.33E+00	378900.00	3758500.00	2.08E+00	378900.00	3758500.00	8.51E-01	378900.00	3758500.00	1.03E-01	378900.00	3758500.00	1.03E-01	378900.00	3758500.00	7.22E-01
378900.00	3759500.00	7.14E-01	378900.00	3759500.00	1.19E+00	378900.00	3759500.00	5.03E-01	378900.00	3759500.00	5.61E-02	378900.00	3759500.00	5.61E-02	378900.00	3759500.00	4.57E-01
378900.00	3760500.00	6.43E-01	378900.00	3760500.00	9.44E-01	378900.00	3760500.00	3.98E-01	378900.00	3760500.00	4.53E-02	378900.00	3760500.00	4.53E-02	378900.00	3760500.00	2.73E-01
378900.00	3762500.00	7.87E-01	378900.00	3762500.00	9.46E-01	378900.00	3762500.00	3.90E-01	378900.00	3762500.00	4.62E-02	378900.00	3762500.00	4.62E-02	378900.00	3762500.00	1.92E-01
378900.00	3763500.00	6.26E-01	378900.00	3763500.00	7.10E-01	378900.00	3763500.00	3.01E-01	378900.00	3763500.00	3.40E-02	378900.00	3763500.00	3.40E-02	378900.00	3763500.00	1.82E-01
378900.00	3764500.00	3.89E-01	378900.00	3764500.00	6.29E-01	378900.00	3764500.00	2.66E-01	378900.00	3764500.00	2.97E-02	378900.00	3764500.00	2.97E-02	378900.00	3764500.00	1.74E-01
378902.85	3757271.45	8.96E-01	378902.85	3757271.45	1.51E+00	378902.85	3757271.45	6.40E-01	378902.85	3757271.45	7.18E-02	378902.85	3757271.45	7.18E-02	378902.85	3757271.45	3.76E-01
379900.00	3754500.00	8.12E-01	379900.00	3754500.00	1.17E+00	379900.00	3754500.00	4.91E-01	379900.00	3754500.00	5.72E-02	379900.00	3754500.00	5.72E-02	379900.00	3754500.00	3.05E-01
379900.00	3755500.00	6.35E-01	379900.00	3755500.00	1.10E+00	379900.00	3755500.00	4.67E-01	379900.00	3755500.00	5.16E-02	379900.00	3755500.00	5.16E-02	379900.00	3755500.00	1.97E-01

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M	UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M
379900.00	3756500.00	8.37E-01	379900.00	3756500.00	1.34E+00	379900.00	3756500.00	5.66E-01	379900.00	3756500.00	6.34E-02	379900.00	3756500.00	6.34E-02	379900.00	3756500.00	2.58E-01
379900.00	3757500.00	6.14E-01	379900.00	3757500.00	1.04E+00	379900.00	3757500.00	4.40E-01	379900.00	3757500.00	4.88E-02	379900.00	3757500.00	4.88E-02	379900.00	3757500.00	3.44E-01
379900.00	3759500.00	5.73E-01	379900.00	3759500.00	9.24E-01	379900.00	3759500.00	3.91E-01	379900.00	3759500.00	4.37E-02	379900.00	3759500.00	4.37E-02	379900.00	3759500.00	3.15E-01
379900.00	3760500.00	5.78E-01	379900.00	3760500.00	8.15E-01	379900.00	3760500.00	3.44E-01	379900.00	3760500.00	4.00E-02	379900.00	3760500.00	4.00E-02	379900.00	3760500.00	2.36E-01
379900.00	3761500.00	5.32E-01	379900.00	3761500.00	7.94E-01	379900.00	3761500.00	3.35E-01	379900.00	3761500.00	3.83E-02	379900.00	3761500.00	3.83E-02	379900.00	3761500.00	2.22E-01
379900.00	3762500.00	5.17E-01	379900.00	3762500.00	1.03E+00	379900.00	3762500.00	4.20E-01	379900.00	3762500.00	5.02E-02	379900.00	3762500.00	5.02E-02	379900.00	3762500.00	2.05E-01
379900.00	3763500.00	7.99E-01	379900.00	3763500.00	9.41E-01	379900.00	3763500.00	3.93E-01	379900.00	3763500.00	4.51E-02	379900.00	3763500.00	4.51E-02	379900.00	3763500.00	2.45E-01
379900.00	3764500.00	4.46E-01	379900.00	3764500.00	6.17E-01	379900.00	3764500.00	2.63E-01	379900.00	3764500.00	2.92E-02	379900.00	3764500.00	2.92E-02	379900.00	3764500.00	1.82E-01
380900.00	3753500.00	5.27E-01	380900.00	3753500.00	8.03E-01	380900.00	3753500.00	3.39E-01	380900.00	3753500.00	3.80E-02	380900.00	3753500.00	3.80E-02	380900.00	3753500.00	2.30E-01
380900.00	3754500.00	6.09E-01	380900.00	3754500.00	1.00E+00	380900.00	3754500.00	4.25E-01	380900.00	3754500.00	4.68E-02	380900.00	3754500.00	4.68E-02	380900.00	3754500.00	2.55E-01
380900.00	3755500.00	5.55E-01	380900.00	3755500.00	8.67E-01	380900.00	3755500.00	3.67E-01	380900.00	3755500.00	4.09E-02	380900.00	3755500.00	4.09E-02	380900.00	3755500.00	3.20E-01
380900.00	3756500.00	6.37E-01	380900.00	3756500.00	9.45E-01	380900.00	3756500.00	3.98E-01	380900.00	3756500.00	4.58E-02	380900.00	3756500.00	4.58E-02	380900.00	3756500.00	2.58E-01
380900.00	3757500.00	4.98E-01	380900.00	3757500.00	7.65E-01	380900.00	3757500.00	3.23E-01	380900.00	3757500.00	3.64E-02	380900.00	3757500.00	3.64E-02	380900.00	3757500.00	2.29E-01
380900.00	3758500.00	1.02E+00	380900.00	3758500.00	1.72E+00	380900.00	3758500.00	7.08E-01	380900.00	3758500.00	8.52E-02	380900.00	3758500.00	8.52E-02	380900.00	3758500.00	1.60E-01
380900.00	3759500.00	5.27E-01	380900.00	3759500.00	7.69E-01	380900.00	3759500.00	3.25E-01	380900.00	3759500.00	3.73E-02	380900.00	3759500.00	3.73E-02	380900.00	3759500.00	2.30E-01
380900.00	3760500.00	5.15E-01	380900.00	3760500.00	7.50E-01	380900.00	3760500.00	3.15E-01	380900.00	3760500.00	3.64E-02	380900.00	3760500.00	3.64E-02	380900.00	3760500.00	2.13E-01
380900.00	3761500.00	4.85E-01	380900.00	3761500.00	7.38E-01	380900.00	3761500.00	3.12E-01	380900.00	3761500.00	3.53E-02	380900.00	3761500.00	3.53E-02	380900.00	3761500.00	2.12E-01
380900.00	3762500.00	4.98E-01	380900.00	3762500.00	7.61E-01	380900.00	3762500.00	3.22E-01	380900.00	3762500.00	3.63E-02	380900.00	3762500.00	3.63E-02	380900.00	3762500.00	2.17E-01
380900.00	3763500.00	5.20E-01	380900.00	3763500.00	9.63E-01	380900.00	3763500.00	3.95E-01	380900.00	3763500.00	4.62E-02	380900.00	3763500.00	4.62E-02	380900.00	3763500.00	2.21E-01
381900.00	3754500.00	4.65E-01	381900.00	3754500.00	7.55E-01	381900.00	3754500.00	3.19E-01	381900.00	3754500.00	3.56E-02	381900.00	3754500.00	3.56E-02	381900.00	3754500.00	1.41E-01
381900.00	3755500.00	4.26E-01	381900.00	3755500.00	6.33E-01	381900.00	3755500.00	2.67E-01	381900.00	3755500.00	3.05E-02	381900.00	3755500.00	3.05E-02	381900.00	3755500.00	1.54E-01
381900.00	3756500.00	4.74E-01	381900.00	3756500.00	6.48E-01	381900.00	3756500.00	2.72E-01	381900.00	3756500.00	3.17E-02	381900.00	3756500.00	3.17E-02	381900.00	3756500.00	1.54E-01
381900.00	3757500.00	4.35E-01	381900.00	3757500.00	6.44E-01	381900.00	3757500.00	2.71E-01	381900.00	3757500.00	3.13E-02	381900.00	3757500.00	3.13E-02	381900.00	3757500.00	1.76E-01
381900.00	3759500.00	5.22E-01	381900.00	3759500.00	7.49E-01	381900.00	3759500.00	3.15E-01	381900.00	3759500.00	3.62E-02	381900.00	3759500.00	3.62E-02	381900.00	3759500.00	2.03E-01
381900.00	3760500.00	4.33E-01	381900.00	3760500.00	6.79E-01	381900.00	3760500.00	2.86E-01	381900.00	3760500.00	3.23E-02	381900.00	3760500.00	3.23E-02	381900.00	3760500.00	1.77E-01
381900.00	3761500.00	4.98E-01	381900.00	3761500.00	7.53E-01	381900.00	3761500.00	3.18E-01	381900.00	3761500.00	3.62E-02	381900.00	3761500.00	3.62E-02	381900.00	3761500.00	2.06E-01
381900.00	3762500.00	4.88E-01	381900.00	3762500.00	7.61E-01	381900.00	3762500.00	3.21E-01	381900.00	3762500.00	3.62E-02	381900.00	3762500.00	3.62E-02	381900.00	3762500.00	2.14E-01
381900.00	3763500.00	4.56E-01	381900.00	3763500.00	7.00E-01	381900.00	3763500.00	2.97E-01	381900.00	3763500.00	3.32E-02	381900.00	3763500.00	3.32E-02	381900.00	3763500.00	2.11E-01
381900.00	3764500.00	5.61E-01	381900.00	3764500.00	8.93E-01	381900.00	3764500.00	3.69E-01	381900.00	3764500.00	4.24E-02	381900.00	3764500.00	4.24E-02	381900.00	3764500.00	4.65E-01
382900.00	3753500.00	3.82E-01	382900.00	3753500.00	5.06E-01	382900.00	3753500.00	2.13E-01	382900.00	3753500.00	2.63E-02	382900.00	3753500.00	2.63E-02	382900.00	3753500.00	1.22E-01
382900.00	3754500.00	2.61E-01	382900.00	3754500.00	3.72E-01	382900.00	3754500.00	1.56E-01	382900.00	3754500.00	1.83E-02	382900.00	3754500.00	1.83E-02	382900.00	3754500.00	7.27E-02
382900.00	3755500.00	2.73E-01	382900.00	3755500.00	3.38E-01	382900.00	3755500.00	1.42E-01	382900.00	3755500.00	1.67E-02	382900.00	3755500.00	1.67E-02	382900.00	3755500.00	7.48E-02
382900.00	3756500.00	3.24E-01	382900.00	3756500.00	3.92E-01	382900.00	3756500.00	1.64E-01	382900.00	3756500.00	1.99E-02	382900.00	3756500.00	1.99E-02	382900.00	3756500.00	7.20E-02
382900.00	3757500.00	3.02E-01	382900.00	3757500.00	4.25E-01	382900.00	3757500.00	1.79E-01	382900.00	3757500.00	2.12E-02	382900.00	3757500.00	2.12E-02	382900.00	3757500.00	9.69E-02
382900.00	3758500.00	7.17E-01	382900.00	3758500.00	1.19E+00	382900.00	3758500.00	4.93E-01	382900.00	3758500.00	5.86E-02	382900.00	3758500.00	5.86E-02	382900.00	3758500.00	1.30E-01
382900.00	3759500.00	4.92E-01	382900.00	3759500.00	6.31E-01	382900.00	3759500.00	2.65E-01	382900.00	3759500.00	3.13E-02	382900.00	3759500.00	3.13E-02	382900.00	3759500.00	1.60E-01
382900.00	3760500.00	3.89E-01	382900.00	3760500.00	6.19E-01	382900.00	3760500.00	2.62E-01	382900.00	3760500.00	2.93E-02	382900.00	3760500.00	2.93E-02	382900.00	3760500.00	1.69E-01
382900.00	3761500.00	4.85E-01	382900.00	3761500.00	7.25E-01	382900.00	3761500.00	3.06E-01	382900.00	3761500.00	3.48E-02	382900.00	3761500.00	3.48E-02	382900.00	3761500.00	1.91E-01
382900.00	3762500.00	4.07E-01	382900.00	3762500.00	6.28E-01	382900.00	3762500.00	2.66E-01	382900.00	3762500.00	2.98E-02	382900.00	3762500.00	2.98E-02	382900.00	3762500.00	2.06E-01
382900.00	3763500.00	4.53E-01	382900.00	3763500.00	7.04E-01	382900.00	3763500.00	2.97E-01	382900.00	3763500.00	3.33E-02	382900.00	3763500.00	3.33E-02	382900.00	3763500.00	1.98E-01
382900.00	3764500.00	4.68E-01	382900.00	3764500.00	7.25E-01	382900.00	3764500.00	3.07E-01	382900.00	3764500.00	3.49E-02	382900.00	3764500.00	3.49E-02	382900.00	3764500.00	1.99E-01
383900.00	3753500.00	3.13E-01	383900.00	3753500.00	3.77E-01	383900.00	3753500.00	1.57E-01	383900.00	3753500.00	1.91E-02	383900.00	3753500.00	1.91E-02	383900.00	3753500.00	6.16E-02
383900.00	3754500.00	2.28E-01	383900.00	3754500.00	2.97E-01	383900.00	3754500.00	1.25E-01	383900.00	3754500.00	1.46E-02	383900.00	3754500.00	1.46E-02	383900.00	3754500.00	5.23E-02











LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M	UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M
372241.00	3757283.00	4.81E+00	372241.00	3757283.00	7.70E+00	372241.00	3757283.00	3.43E+00	372241.00	3757283.00	3.03E-01	372241.00	3757283.00	3.03E-01	372241.00	3757283.00	3.85E+00
372241.00	3757483.00	1.33E+01	372241.00	3757483.00	6.80E+00	372241.00	3757483.00	2.81E+00	372241.00	3757483.00	3.53E-01	372241.00	3757483.00	3.53E-01	372241.00	3757483.00	6.76E+00
372241.00	3757583.00	1.27E+01	372241.00	3757583.00	6.23E+00	372241.00	3757583.00	2.43E+00	372241.00	3757583.00	3.31E-01	372241.00	3757583.00	3.31E-01	372241.00	3757583.00	9.83E+00
372241.00	3757683.00	3.25E+01	372241.00	3757683.00	5.60E+00	372241.00	3757683.00	2.35E+00	372241.00	3757683.00	3.03E-01	372241.00	3757683.00	3.03E-01	372241.00	3757683.00	2.00E+01
372241.00	3757783.00	2.90E+01	372241.00	3757783.00	5.81E+00	372241.00	3757783.00	2.51E+00	372241.00	3757783.00	3.11E-01	372241.00	3757783.00	3.11E-01	372241.00	3757783.00	6.06E+01
372341.00	3757083.00	3.55E+00	372341.00	3757083.00	9.74E+00	372341.00	3757083.00	4.27E+00	372341.00	3757083.00	4.01E-01	372341.00	3757083.00	4.01E-01	372341.00	3757083.00	2.92E+00
372341.00	3757183.00	4.20E+00	372341.00	3757183.00	8.94E+00	372341.00	3757183.00	3.90E+00	372341.00	3757183.00	3.74E-01	372341.00	3757183.00	3.74E-01	372341.00	3757183.00	3.33E+00
372341.00	3757283.00	6.11E+00	372341.00	3757283.00	8.89E+00	372341.00	3757283.00	4.01E+00	372341.00	3757283.00	3.45E-01	372341.00	3757283.00	3.45E-01	372341.00	3757283.00	3.86E+00
372341.00	3757383.00	7.08E+00	372341.00	3757383.00	8.66E+00	372341.00	3757383.00	3.64E+00	372341.00	3757383.00	3.95E-01	372341.00	3757383.00	3.95E-01	372341.00	3757383.00	4.62E+00
372341.00	3757483.00	7.47E+00	372341.00	3757483.00	7.41E+00	372341.00	3757483.00	3.03E+00	372341.00	3757483.00	3.91E-01	372341.00	3757483.00	3.91E-01	372341.00	3757483.00	6.47E+00
372341.00	3757583.00	6.32E+00	372341.00	3757583.00	6.71E+00	372341.00	3757583.00	2.60E+00	372341.00	3757583.00	3.65E-01	372341.00	3757583.00	3.65E-01	372341.00	3757583.00	9.68E+00
372341.00	3757683.00	1.89E+01	372341.00	3757683.00	6.24E+00	372341.00	3757683.00	2.68E+00	372341.00	3757683.00	3.25E-01	372341.00	3757683.00	3.25E-01	372341.00	3757683.00	1.95E+01
372341.00	3757783.00	1.38E+01	372341.00	3757783.00	6.50E+00	372341.00	3757783.00	2.85E+00	372341.00	3757783.00	3.50E-01	372341.00	3757783.00	3.50E-01	372341.00	3757783.00	5.90E+01
372441.00	3757083.00	3.46E+00	372441.00	3757083.00	1.17E+01	372441.00	3757083.00	5.22E+00	372441.00	3757083.00	4.60E-01	372441.00	3757083.00	4.60E-01	372441.00	3757083.00	2.87E+00
372441.00	3757183.00	4.34E+00	372441.00	3757183.00	1.08E+01	372441.00	3757183.00	4.85E+00	372441.00	3757183.00	4.39E-01	372441.00	3757183.00	4.39E-01	372441.00	3757183.00	3.25E+00
372441.00	3757283.00	4.52E+00	372441.00	3757283.00	1.06E+01	372441.00	3757283.00	4.85E+00	372441.00	3757283.00	4.07E-01	372441.00	3757283.00	4.07E-01	372441.00	3757283.00	3.81E+00
372441.00	3757383.00	4.82E+00	372441.00	3757383.00	9.81E+00	372441.00	3757383.00	4.13E+00	372441.00	3757383.00	4.46E-01	372441.00	3757383.00	4.46E-01	372441.00	3757383.00	4.61E+00
372441.00	3757483.00	4.32E+00	372441.00	3757483.00	8.14E+00	372441.00	3757483.00	3.24E+00	372441.00	3757483.00	4.38E-01	372441.00	3757483.00	4.38E-01	372441.00	3757483.00	6.28E+00
372441.00	3757583.00	5.44E+00	372441.00	3757583.00	7.33E+00	372441.00	3757583.00	3.10E+00	372441.00	3757583.00	4.07E-01	372441.00	3757583.00	4.07E-01	372441.00	3757583.00	9.49E+00
372441.00	3757683.00	1.28E+01	372441.00	3757683.00	6.95E+00	372441.00	3757683.00	3.06E+00	372441.00	3757683.00	3.68E-01	372441.00	3757683.00	3.68E-01	372441.00	3757683.00	1.87E+01
372441.00	3757783.00	1.15E+01	372441.00	3757783.00	7.63E+00	372441.00	3757783.00	3.15E+00	372441.00	3757783.00	3.91E-01	372441.00	3757783.00	3.91E-01	372441.00	3757783.00	5.64E+01
372441.00	3757883.00	1.10E+01	372441.00	3757883.00	7.74E+00	372441.00	3757883.00	3.02E+00	372441.00	3757883.00	4.13E-01	372441.00	3757883.00	4.13E-01	372441.00	3757883.00	1.42E+01
372441.00	3757983.00	1.07E+01	372441.00	3757983.00	7.45E+00	372441.00	3757983.00	2.84E+00	372441.00	3757983.00	4.12E-01	372441.00	3757983.00	4.12E-01	372441.00	3757983.00	7.25E+00
372541.00	3757083.00	3.24E+00	372541.00	3757083.00	1.38E+01	372541.00	3757083.00	6.31E+00	372541.00	3757083.00	5.15E-01	372541.00	3757083.00	5.15E-01	372541.00	3757083.00	2.63E+00
372541.00	3757183.00	3.17E+00	372541.00	3757183.00	1.44E+01	372541.00	3757183.00	6.54E+00	372541.00	3757183.00	5.46E-01	372541.00	3757183.00	5.46E-01	372541.00	3757183.00	3.10E+00
372541.00	3757283.00	3.40E+00	372541.00	3757283.00	1.33E+01	372541.00	3757283.00	6.18E+00	372541.00	3757283.00	4.87E-01	372541.00	3757283.00	4.87E-01	372541.00	3757283.00	3.67E+00
372541.00	3757383.00	3.45E+00	372541.00	3757383.00	1.14E+01	372541.00	3757383.00	4.84E+00	372541.00	3757383.00	5.12E-01	372541.00	3757383.00	5.12E-01	372541.00	3757383.00	4.54E+00
372541.00	3757483.00	2.66E+00	372541.00	3757483.00	9.08E+00	372541.00	3757483.00	4.02E+00	372541.00	3757483.00	4.98E-01	372541.00	3757483.00	4.98E-01	372541.00	3757483.00	6.62E+00
372541.00	3757583.00	4.79E+00	372541.00	3757583.00	8.22E+00	372541.00	3757583.00	3.56E+00	372541.00	3757583.00	4.61E-01	372541.00	3757583.00	4.61E-01	372541.00	3757583.00	9.43E+00
372541.00	3757683.00	9.47E+00	372541.00	3757683.00	8.17E+00	372541.00	3757683.00	3.35E+00	372541.00	3757683.00	4.35E-01	372541.00	3757683.00	4.35E-01	372541.00	3757683.00	1.81E+01
372541.00	3757783.00	9.56E+00	372541.00	3757783.00	9.09E+00	372541.00	3757783.00	3.57E+00	372541.00	3757783.00	4.95E-01	372541.00	3757783.00	4.95E-01	372541.00	3757783.00	5.28E+00
372541.00	3757883.00	6.48E+00	372541.00	3757883.00	8.94E+00	372541.00	3757883.00	3.41E+00	372541.00	3757883.00	4.98E-01	372541.00	3757883.00	4.98E-01	372541.00	3757883.00	1.35E+01
372541.00	3757983.00	8.77E+00	372541.00	3757983.00	7.80E+00	372541.00	3757983.00	2.95E+00	372541.00	3757983.00	4.44E-01	372541.00	3757983.00	4.44E-01	372541.00	3757983.00	6.81E+00
372641.00	3757383.00	2.80E+00	372641.00	3757383.00	1.38E+01	372641.00	3757383.00	6.22E+00	372641.00	3757383.00	6.05E-01	372641.00	3757383.00	6.05E-01	372641.00	3757383.00	5.02E+00
372641.00	3757483.00	2.70E+00	372641.00	3757483.00	1.04E+01	372641.00	3757483.00	4.78E+00	372641.00	3757483.00	5.79E-01	372641.00	3757483.00	5.79E-01	372641.00	3757483.00	6.59E+00
372641.00	3757583.00	4.29E+00	372641.00	3757583.00	9.54E+00	372641.00	3757583.00	3.76E+00	372641.00	3757583.00	5.36E-01	372641.00	3757583.00	5.36E-01	372641.00	3757583.00	9.21E+00
372641.00	3757683.00	7.44E+00	372641.00	3757683.00	1.01E+01	372641.00	3757683.00	3.88E+00	372641.00	3757683.00	5.35E-01	372641.00	3757683.00	5.35E-01	372641.00	3757683.00	1.68E+01
372641.00	3757783.00	7.98E+00	372641.00	3757783.00	1.12E+01	372641.00	3757783.00	4.31E+00	372641.00	3757783.00	6.36E-01	372641.00	3757783.00	6.36E-01	372641.00	3757783.00	5.26E+01
372641.00	3757883.00	4.79E+00	372641.00	3757883.00	9.87E+00	372641.00	3757883.00	3.74E+00	372641.00	3757883.00	5.62E-01	372641.00	3757883.00	5.62E-01	372641.00	3757883.00	1.19E+01
372641.00	3757983.00	6.21E+00	372641.00	3757983.00	7.37E+00	372641.00	3757983.00	2.78E+00	372641.00	3757983.00	4.29E-01	372641.00	3757983.00	4.29E-01	372641.00	3757983.00	5.99E+00
372741.00	3757683.00	6.14E+00	372741.00	3757683.00	1.33E+01	372741.00	3757683.00	5.00E+00	372741.00	3757683.00	7.29E-01	372741.00	3757683.00	7.29E-01	372741.00	3757683.00	1.57E+01
372741.00	3757783.00	6.76E+00	372741.00	3757783.00	1.32E+01	372741.00	3757783.00	5.02E+00	372741.00	3757783.00	7.52E-01	372741.00	3757783.00	7.52E-01	372741.00	3757783.00	3.42E+01
372741.00	3757883.00	4.72E+00	372741.00	3757883.00	9.68E+00	372741.00	3757883.00	3.66E+00	372741.00	3757883.00	5.64E-01	372741.00	3757883.00	5.64E-01	372741.00	3757883.00	8.62E+00



LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 1 Hour

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M	UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M
375900.00	3759500.00	1.20E+00	375900.00	3759500.00	2.79E+00	375900.00	3759500.00	1.13E+00	375900.00	3759500.00	1.37E-01	375900.00	3759500.00	1.37E-01	375900.00	3759500.00	7.17E-01
376900.00	3753500.00	6.13E-01	376900.00	3753500.00	7.48E-01	376900.00	3753500.00	3.12E-01	376900.00	3753500.00	3.81E-02	376900.00	3753500.00	3.81E-02	376900.00	3753500.00	3.10E-01
376900.00	3754500.00	6.06E-01	376900.00	3754500.00	7.39E-01	376900.00	3754500.00	3.09E-01	376900.00	3754500.00	3.74E-02	376900.00	3754500.00	3.74E-02	376900.00	3754500.00	3.91E-01
376900.00	3757500.00	1.17E+00	376900.00	3757500.00	2.15E+00	376900.00	3757500.00	9.11E-01	376900.00	3757500.00	1.02E-01	376900.00	3757500.00	1.02E-01	376900.00	3757500.00	5.58E-01
376900.00	3763500.00	6.05E-01	376900.00	3763500.00	7.61E-01	376900.00	3763500.00	3.20E-01	376900.00	3763500.00	3.78E-02	376900.00	3763500.00	3.78E-02	376900.00	3763500.00	1.72E-01
377900.00	3758500.00	1.23E+00	377900.00	3758500.00	1.76E+00	377900.00	3758500.00	7.43E-01	377900.00	3758500.00	8.31E-02	377900.00	3758500.00	8.31E-02	377900.00	3758500.00	1.62E+00
378900.00	3754500.00	8.46E-01	378900.00	3754500.00	1.16E+00	378900.00	3754500.00	4.87E-01	378900.00	3754500.00	5.58E-02	378900.00	3754500.00	5.58E-02	378900.00	3754500.00	3.14E-01
378900.00	3761500.00	5.61E-01	378900.00	3761500.00	1.08E+00	378900.00	3761500.00	4.36E-01	378900.00	3761500.00	5.28E-02	378900.00	3761500.00	5.28E-02	378900.00	3761500.00	2.17E-01
379900.00	3753500.00	3.72E-01	379900.00	3753500.00	4.53E-01	379900.00	3753500.00	1.90E-01	379900.00	3753500.00	2.29E-02	379900.00	3753500.00	2.29E-02	379900.00	3753500.00	1.01E-01
379900.00	3758500.00	1.27E+00	379900.00	3758500.00	2.18E+00	379900.00	3758500.00	8.96E-01	379900.00	3758500.00	1.07E-01	379900.00	3758500.00	1.07E-01	379900.00	3758500.00	2.90E-01
380900.00	3764500.00	7.23E-01	380900.00	3764500.00	8.69E-01	380900.00	3764500.00	3.66E-01	380900.00	3764500.00	4.16E-02	380900.00	3764500.00	4.16E-02	380900.00	3764500.00	1.99E-01
381900.00	3753500.00	4.87E-01	381900.00	3753500.00	7.36E-01	381900.00	3753500.00	3.11E-01	381900.00	3753500.00	3.54E-02	381900.00	3753500.00	3.54E-02	381900.00	3753500.00	1.98E-01
381900.00	3758500.00	8.78E-01	381900.00	3758500.00	1.49E+00	381900.00	3758500.00	6.18E-01	381900.00	3758500.00	7.35E-02	381900.00	3758500.00	7.35E-02	381900.00	3758500.00	1.42E-01
383900.00	3758500.00	5.81E-01	383900.00	3758500.00	9.54E-01	383900.00	3758500.00	3.96E-01	383900.00	3758500.00	4.70E-02	383900.00	3758500.00	4.70E-02	383900.00	3758500.00	1.18E-01
383900.00	3759500.00	5.57E-01	383900.00	3759500.00	7.46E-01	383900.00	3759500.00	3.06E-01	383900.00	3759500.00	3.73E-02	383900.00	3759500.00	3.73E-02	383900.00	3759500.00	1.45E-01
383900.00	3760500.00	3.69E-01	383900.00	3760500.00	5.91E-01	383900.00	3760500.00	2.50E-01	383900.00	3760500.00	2.80E-02	383900.00	3760500.00	2.80E-02	383900.00	3760500.00	1.74E-01
383900.00	3761500.00	4.12E-01	383900.00	3761500.00	6.49E-01	383900.00	3761500.00	2.74E-01	383900.00	3761500.00	3.07E-02	383900.00	3761500.00	3.07E-02	383900.00	3761500.00	1.93E-01

























LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M	UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M
374900.00	3764500.00	7.77E-02	374900.00	3764500.00	1.39E-01	374900.00	3764500.00	5.80E-02	374900.00	3764500.00	6.48E-03	374900.00	3764500.00	6.48E-03	374900.00	3764500.00	3.96E-02
375900.00	3753500.00	1.11E-01	375900.00	3753500.00	1.56E-01	375900.00	3753500.00	6.40E-02	375900.00	3753500.00	7.61E-03	375900.00	3753500.00	7.61E-03	375900.00	3753500.00	2.95E-02
375900.00	3755500.00	1.91E-01	375900.00	3755500.00	2.60E-01	375900.00	3755500.00	1.09E-01	375900.00	3755500.00	1.28E-02	375900.00	3755500.00	1.28E-02	375900.00	3755500.00	4.66E-02
375900.00	3756500.00	2.52E-01	375900.00	3756500.00	3.35E-01	375900.00	3756500.00	1.40E-01	375900.00	3756500.00	1.65E-02	375900.00	3756500.00	1.65E-02	375900.00	3756500.00	6.38E-02
375900.00	3760500.00	3.62E-01	375900.00	3760500.00	5.28E-01	375900.00	3760500.00	2.26E-01	375900.00	3760500.00	2.50E-02	375900.00	3760500.00	2.50E-02	375900.00	3760500.00	1.35E-01
375900.00	3761500.00	1.15E-01	375900.00	3761500.00	2.01E-01	375900.00	3761500.00	8.32E-02	375900.00	3761500.00	9.28E-03	375900.00	3761500.00	9.28E-03	375900.00	3761500.00	1.05E-01
375900.00	3762500.00	2.18E-01	375900.00	3762500.00	3.56E-01	375900.00	3762500.00	1.51E-01	375900.00	3762500.00	1.66E-02	375900.00	3762500.00	1.66E-02	375900.00	3762500.00	8.06E-02
375900.00	3763500.00	1.14E-01	375900.00	3763500.00	1.90E-01	375900.00	3763500.00	8.03E-02	375900.00	3763500.00	8.82E-03	375900.00	3763500.00	8.82E-03	375900.00	3763500.00	4.09E-02
375900.00	3764500.00	8.25E-02	375900.00	3764500.00	1.09E-01	375900.00	3764500.00	4.57E-02	375900.00	3764500.00	5.38E-03	375900.00	3764500.00	5.38E-03	375900.00	3764500.00	1.82E-02
376084.62	3761776.42	1.19E-01	376084.62	3761776.42	2.28E-01	376084.62	3761776.42	9.47E-02	376084.62	3761776.42	1.05E-02	376084.62	3761776.42	1.05E-02	376084.62	3761776.42	9.47E-02
376900.00	3755500.00	1.52E-01	376900.00	3755500.00	2.09E-01	376900.00	3755500.00	8.76E-02	376900.00	3755500.00	1.03E-02	376900.00	3755500.00	1.03E-02	376900.00	3755500.00	4.02E-02
376900.00	3756500.00	2.06E-01	376900.00	3756500.00	2.73E-01	376900.00	3756500.00	1.14E-01	376900.00	3756500.00	1.35E-02	376900.00	3756500.00	1.35E-02	376900.00	3756500.00	5.22E-02
376900.00	3758500.00	3.06E-01	376900.00	3758500.00	4.91E-01	376900.00	3758500.00	2.08E-01	376900.00	3758500.00	2.33E-02	376900.00	3758500.00	2.33E-02	376900.00	3758500.00	2.53E-01
376900.00	3759500.00	2.10E-01	376900.00	3759500.00	3.64E-01	376900.00	3759500.00	1.53E-01	376900.00	3759500.00	1.69E-02	376900.00	3759500.00	1.69E-02	376900.00	3759500.00	1.46E-01
376900.00	3760500.00	3.69E-01	376900.00	3760500.00	6.13E-01	376900.00	3760500.00	2.58E-01	376900.00	3760500.00	2.89E-02	376900.00	3760500.00	2.89E-02	376900.00	3760500.00	1.14E-01
376900.00	3761500.00	1.68E-01	376900.00	3761500.00	2.46E-01	376900.00	3761500.00	1.04E-01	376900.00	3761500.00	1.15E-02	376900.00	3761500.00	1.15E-02	376900.00	3761500.00	8.67E-02
376900.00	3762500.00	1.07E-01	376900.00	3762500.00	1.97E-01	376900.00	3762500.00	8.19E-02	376900.00	3762500.00	9.12E-03	376900.00	3762500.00	9.12E-03	376900.00	3762500.00	7.81E-02
376900.00	3764500.00	8.69E-02	376900.00	3764500.00	1.13E-01	376900.00	3764500.00	4.75E-02	376900.00	3764500.00	5.47E-03	376900.00	3764500.00	5.47E-03	376900.00	3764500.00	1.37E-02
377900.00	3753500.00	7.32E-02	377900.00	3753500.00	9.75E-02	377900.00	3753500.00	4.06E-02	377900.00	3753500.00	4.82E-03	377900.00	3753500.00	4.82E-03	377900.00	3753500.00	4.87E-02
377900.00	3754500.00	9.95E-02	377900.00	3754500.00	1.51E-01	377900.00	3754500.00	6.36E-02	377900.00	3754500.00	7.16E-03	377900.00	3754500.00	7.16E-03	377900.00	3754500.00	2.58E-02
377900.00	3755500.00	1.16E-01	377900.00	3755500.00	1.63E-01	377900.00	3755500.00	6.84E-02	377900.00	3755500.00	8.02E-03	377900.00	3755500.00	8.02E-03	377900.00	3755500.00	3.76E-02
377900.00	3756500.00	2.50E-01	377900.00	3756500.00	4.09E-01	377900.00	3756500.00	1.73E-01	377900.00	3756500.00	1.91E-02	377900.00	3756500.00	1.91E-02	377900.00	3756500.00	1.22E-01
377900.00	3757500.00	1.83E-01	377900.00	3757500.00	3.04E-01	377900.00	3757500.00	1.28E-01	377900.00	3757500.00	1.40E-02	377900.00	3757500.00	1.40E-02	377900.00	3757500.00	1.42E-01
377900.00	3759500.00	2.29E-01	377900.00	3759500.00	3.83E-01	377900.00	3759500.00	1.62E-01	377900.00	3759500.00	1.80E-02	377900.00	3759500.00	1.80E-02	377900.00	3759500.00	1.50E-01
377900.00	3760500.00	1.70E-01	377900.00	3760500.00	2.66E-01	377900.00	3760500.00	1.13E-01	377900.00	3760500.00	1.26E-02	377900.00	3760500.00	1.26E-02	377900.00	3760500.00	1.14E-01
377900.00	3761500.00	2.65E-01	377900.00	3761500.00	3.91E-01	377900.00	3761500.00	1.66E-01	377900.00	3761500.00	1.88E-02	377900.00	3761500.00	1.88E-02	377900.00	3761500.00	7.25E-02
377900.00	3762500.00	1.04E-01	377900.00	3762500.00	1.48E-01	377900.00	3762500.00	6.27E-02	377900.00	3762500.00	7.08E-03	377900.00	3762500.00	7.08E-03	377900.00	3762500.00	3.91E-02
377900.00	3763500.00	9.36E-02	377900.00	3763500.00	1.52E-01	377900.00	3763500.00	6.35E-02	377900.00	3763500.00	7.28E-03	377900.00	3763500.00	7.28E-03	377900.00	3763500.00	2.69E-02
377900.00	3764500.00	1.04E-01	377900.00	3764500.00	1.40E-01	377900.00	3764500.00	5.90E-02	377900.00	3764500.00	6.92E-03	377900.00	3764500.00	6.92E-03	377900.00	3764500.00	2.18E-02
378528.59	3764156.44	9.21E-02	378528.59	3764156.44	1.48E-01	378528.59	3764156.44	6.19E-02	378528.59	3764156.44	7.03E-03	378528.59	3764156.44	7.03E-03	378528.59	3764156.44	2.64E-02
378900.00	3753500.00	5.78E-02	378900.00	3753500.00	8.47E-02	378900.00	3753500.00	3.58E-02	378900.00	3753500.00	4.00E-03	378900.00	3753500.00	4.00E-03	378900.00	3753500.00	1.82E-02
378900.00	3755500.00	1.24E-01	378900.00	3755500.00	1.99E-01	378900.00	3755500.00	8.44E-02	378900.00	3755500.00	9.18E-03	378900.00	3755500.00	9.18E-03	378900.00	3755500.00	4.74E-02
378900.00	3756500.00	2.26E-01	378900.00	3756500.00	3.72E-01	378900.00	3756500.00	1.57E-01	378900.00	3756500.00	1.73E-02	378900.00	3756500.00	1.73E-02	378900.00	3756500.00	7.51E-02
378900.00	3757500.00	1.45E-01	378900.00	3757500.00	2.40E-01	378900.00	3757500.00	1.01E-01	378900.00	3757500.00	1.11E-02	378900.00	3757500.00	1.11E-02	378900.00	3757500.00	1.16E-01
378900.00	3758500.00	1.96E-01	378900.00	3758500.00	3.14E-01	378900.00	3758500.00	1.32E-01	378900.00	3758500.00	1.48E-02	378900.00	3758500.00	1.48E-02	378900.00	3758500.00	9.03E-02
378900.00	3759500.00	1.62E-01	378900.00	3759500.00	2.67E-01	378900.00	3759500.00	1.13E-01	378900.00	3759500.00	1.26E-02	378900.00	3759500.00	1.26E-02	378900.00	3759500.00	1.40E-01
378900.00	3760500.00	1.42E-01	378900.00	3760500.00	2.32E-01	378900.00	3760500.00	9.78E-02	378900.00	3760500.00	1.09E-02	378900.00	3760500.00	1.09E-02	378900.00	3760500.00	1.08E-01
378900.00	3762500.00	1.65E-01	378900.00	3762500.00	2.32E-01	378900.00	3762500.00	9.90E-02	378900.00	3762500.00	1.11E-02	378900.00	3762500.00	1.11E-02	378900.00	3762500.00	4.11E-02
378900.00	3763500.00	7.83E-02	378900.00	3763500.00	1.13E-01	378900.00	3763500.00	4.79E-02	378900.00	3763500.00	5.35E-03	378900.00	3763500.00	5.35E-03	378900.00	3763500.00	3.29E-02
378900.00	3764500.00	8.84E-02	378900.00	3764500.00	1.44E-01	378900.00	3764500.00	6.03E-02	378900.00	3764500.00	6.81E-03	378900.00	3764500.00	6.81E-03	378900.00	3764500.00	2.93E-02
378902.85	3757271.45	1.57E-01	378902.85	3757271.45	2.69E-01	378902.85	3757271.45	1.14E-01	378902.85	3757271.45	1.27E-02	378902.85	3757271.45	1.27E-02	378902.85	3757271.45	7.48E-02
379900.00	3754500.00	1.46E-01	379900.00	3754500.00	2.40E-01	379900.00	3754500.00	1.02E-01	379900.00	3754500.00	1.12E-02	379900.00	3754500.00	1.12E-02	379900.00	3754500.00	3.81E-02
379900.00	3755500.00	1.27E-01	379900.00	3755500.00	2.08E-01	379900.00	3755500.00	8.82E-02	379900.00	3755500.00	9.63E-03	379900.00	3755500.00	9.63E-03	379900.00	3755500.00	2.81E-02









LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001) Without Mitigation (no practical mitigation)			Emissions Source: Diesel Exhaust (G002) Without Mitigation			Emissions Source: Diesel Exhaust (G002) With Mitigation			Emissions Source: Gasoline Exhaust (G003) Without Mitigation			Emissions Source: Gasoline Exhaust (G003) With Mitigation			Emissions Source: Paving Evaporation (G004) Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M	UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M
377916.00	3755241.12	1.25E-01	377916.00	3755241.12	1.71E-01	377916.00	3755241.12	7.17E-02	377916.00	3755241.12	8.44E-03	377916.00	3755241.12	8.44E-03	377916.00	3755241.12	3.77E-02
377924.86	3763642.88	9.64E-02	377924.86	3763642.88	1.57E-01	377924.86	3763642.88	6.59E-02	377924.86	3763642.88	7.60E-03	377924.86	3763642.88	7.60E-03	377924.86	3763642.88	2.65E-02
377967.05	3762224.48	1.26E-01	377967.05	3762224.48	1.69E-01	377967.05	3762224.48	7.15E-02	377967.05	3762224.48	8.06E-03	377967.05	3762224.48	8.06E-03	377967.05	3762224.48	4.67E-02
378003.52	3753139.05	7.29E-02	378003.52	3753139.05	9.38E-02	378003.52	3753139.05	3.91E-02	378003.52	3753139.05	4.66E-03	378003.52	3753139.05	4.66E-03	378003.52	3753139.05	4.94E-02
378022.11	3755897.25	1.63E-01	378022.11	3755897.25	2.70E-01	378022.11	3755897.25	1.14E-01	378022.11	3755897.25	1.27E-02	378022.11	3755897.25	1.27E-02	378022.11	3755897.25	3.98E-02
378066.59	3761432.90	2.71E-01	378066.59	3761432.90	4.08E-01	378066.59	3761432.90	1.73E-01	378066.59	3761432.90	1.96E-02	378066.59	3761432.90	1.96E-02	378066.59	3761432.90	7.48E-02
378209.66	3764122.39	1.08E-01	378209.66	3764122.39	1.67E-01	378209.66	3764122.39	7.00E-02	378209.66	3764122.39	7.97E-03	378209.66	3764122.39	7.97E-03	378209.66	3764122.39	3.11E-02
378212.33	3753511.52	6.75E-02	378212.33	3753511.52	9.14E-02	378212.33	3753511.52	3.81E-02	378212.33	3753511.52	4.51E-03	378212.33	3753511.52	4.51E-03	378212.33	3753511.52	3.43E-02
378223.51	3760237.39	1.71E-01	378223.51	3760237.39	2.84E-01	378223.51	3760237.39	1.20E-01	378223.51	3760237.39	1.33E-02	378223.51	3760237.39	1.33E-02	378223.51	3760237.39	1.54E-01
378326.90	3764105.95	1.01E-01	378326.90	3764105.95	1.59E-01	378326.90	3764105.95	6.65E-02	378326.90	3764105.95	7.57E-03	378326.90	3764105.95	7.57E-03	378326.90	3764105.95	2.75E-02
378366.51	3755075.26	1.30E-01	378366.51	3755075.26	2.20E-01	378366.51	3755075.26	9.33E-02	378366.51	3755075.26	1.07E-02	378366.51	3755075.26	1.07E-02	378366.51	3755075.26	3.98E-02
378370.05	3759869.86	1.95E-01	378370.05	3759869.86	3.10E-01	378370.05	3759869.86	1.31E-01	378370.05	3759869.86	1.47E-02	378370.05	3759869.86	1.47E-02	378370.05	3759869.86	1.18E-01
378781.96	3760336.17	1.48E-01	378781.96	3760336.17	2.46E-01	378781.96	3760336.17	1.03E-01	378781.96	3760336.17	1.15E-02	378781.96	3760336.17	1.15E-02	378781.96	3760336.17	1.13E-01
378862.39	3757229.87	1.69E-01	378862.39	3757229.87	2.90E-01	378862.39	3757229.87	1.23E-01	378862.39	3757229.87	1.37E-02	378862.39	3757229.87	1.37E-02	378862.39	3757229.87	6.94E-02
366900.00	3759500.00	2.85E-01	366900.00	3759500.00	4.18E-01	366900.00	3759500.00	1.77E-01	366900.00	3759500.00	1.99E-02	366900.00	3759500.00	1.99E-02	366900.00	3759500.00	5.30E-02
367900.00	3759500.00	4.38E-01	367900.00	3759500.00	5.30E-01	367900.00	3759500.00	2.25E-01	367900.00	3759500.00	2.66E-02	367900.00	3759500.00	2.66E-02	367900.00	3759500.00	7.57E-02
366900.00	3760500.00	2.74E-01	366900.00	3760500.00	3.33E-01	366900.00	3760500.00	1.41E-01	366900.00	3760500.00	1.67E-02	366900.00	3760500.00	1.67E-02	366900.00	3760500.00	4.38E-02
366900.00	3761500.00	1.86E-01	366900.00	3761500.00	2.35E-01	366900.00	3761500.00	9.81E-02	366900.00	3761500.00	1.18E-02	366900.00	3761500.00	1.18E-02	366900.00	3761500.00	2.77E-02
367900.00	3753500.00	4.45E-01	367900.00	3753500.00	5.92E-01	367900.00	3753500.00	2.46E-01	367900.00	3753500.00	2.93E-02	367900.00	3753500.00	2.93E-02	367900.00	3753500.00	6.33E-02
367900.00	3754500.00	7.85E-01	367900.00	3754500.00	9.89E-01	367900.00	3754500.00	4.16E-01	367900.00	3754500.00	4.90E-02	367900.00	3754500.00	4.90E-02	367900.00	3754500.00	5.75E-02
367900.00	3760500.00	2.57E-01	367900.00	3760500.00	3.27E-01	367900.00	3760500.00	1.36E-01	367900.00	3760500.00	1.65E-02	367900.00	3760500.00	1.65E-02	367900.00	3760500.00	3.40E-02
367900.00	3763500.00	8.80E-02	367900.00	3763500.00	1.22E-01	367900.00	3763500.00	5.17E-02	367900.00	3763500.00	5.84E-03	367900.00	3763500.00	5.84E-03	367900.00	3763500.00	1.99E-02
368900.00	3753500.00	3.96E-01	368900.00	3753500.00	5.79E-01	368900.00	3753500.00	2.45E-01	368900.00	3753500.00	2.76E-02	368900.00	3753500.00	2.76E-02	368900.00	3753500.00	7.06E-02
368900.00	3758500.00	9.35E-01	368900.00	3758500.00	1.35E+00	368900.00	3758500.00	5.79E-01	368900.00	3758500.00	6.56E-02	368900.00	3758500.00	6.56E-02	368900.00	3758500.00	1.35E-01
368900.00	3760500.00	2.14E-01	368900.00	3760500.00	2.76E-01	368900.00	3760500.00	1.19E-01	368900.00	3760500.00	1.32E-02	368900.00	3760500.00	1.32E-02	368900.00	3760500.00	6.42E-02
369079.58	3758184.29	1.18E+00	369079.58	3758184.29	1.67E+00	369079.58	3758184.29	7.21E-01	369079.58	3758184.29	8.18E-02	369079.58	3758184.29	8.18E-02	369079.58	3758184.29	3.31E-01
369900.00	3753500.00	7.49E-01	369900.00	3753500.00	1.09E+00	369900.00	3753500.00	4.73E-01	369900.00	3753500.00	5.36E-02	369900.00	3753500.00	5.36E-02	369900.00	3753500.00	5.38E-02
369900.00	3760500.00	3.28E-01	369900.00	3760500.00	4.58E-01	369900.00	3760500.00	1.93E-01	369900.00	3760500.00	2.24E-02	369900.00	3760500.00	2.24E-02	369900.00	3760500.00	6.70E-02
369900.00	3763500.00	1.26E-01	369900.00	3763500.00	1.76E-01	369900.00	3763500.00	7.37E-02	369900.00	3763500.00	8.60E-03	369900.00	3763500.00	8.60E-03	369900.00	3763500.00	1.80E-02
370313.67	3758254.27	9.20E-01	370313.67	3758254.27	1.38E+00	370313.67	3758254.27	5.74E-01	370313.67	3758254.27	6.79E-02	370313.67	3758254.27	6.79E-02	370313.67	3758254.27	1.96E-01
370834.03	3758177.01	8.78E-01	370834.03	3758177.01	1.38E+00	370834.03	3758177.01	5.84E-01	370834.03	3758177.01	6.63E-02	370834.03	3758177.01	6.63E-02	370834.03	3758177.01	3.28E-01
370900.00	3753500.00	5.27E-01	370900.00	3753500.00	6.68E-01	370900.00	3753500.00	2.76E-01	370900.00	3753500.00	3.38E-02	370900.00	3753500.00	3.38E-02	370900.00	3753500.00	7.32E-02
370900.00	3754500.00	6.34E-01	370900.00	3754500.00	8.70E-01	370900.00	3754500.00	3.54E-01	370900.00	3754500.00	4.39E-02	370900.00	3754500.00	4.39E-02	370900.00	3754500.00	5.97E-02
370900.00	3755500.00	1.28E+00	370900.00	3755500.00	1.73E+00	370900.00	3755500.00	7.32E-01	370900.00	3755500.00	8.58E-02	370900.00	3755500.00	8.58E-02	370900.00	3755500.00	9.71E-02
370900.00	3758500.00	7.01E-01	370900.00	3758500.00	1.18E+00	370900.00	3758500.00	5.01E-01	370900.00	3758500.00	5.63E-02	370900.00	3758500.00	5.63E-02	370900.00	3758500.00	3.52E-01
370900.00	3761500.00	1.91E-01	370900.00	3761500.00	2.24E-01	370900.00	3761500.00	9.79E-02	370900.00	3761500.00	1.13E-02	370900.00	3761500.00	1.13E-02	370900.00	3761500.00	2.64E-02
370933.96	3757895.90	1.16E+00	370933.96	3757895.90	1.79E+00	370933.96	3757895.90	7.60E-01	370933.96	3757895.90	8.89E-02	370933.96	3757895.90	8.89E-02	370933.96	3757895.90	6.10E-01
371041.00	3757083.00	4.47E+00	371041.00	3757083.00	6.85E+00	371041.00	3757083.00	2.77E+00	371041.00	3757083.00	3.47E-01	371041.00	3757083.00	3.47E-01	371041.00	3757083.00	3.21E-01
371041.00	3757183.00	3.71E+00	371041.00	3757183.00	5.89E+00	371041.00	3757183.00	2.45E+00	371041.00	3757183.00	2.93E-01	371041.00	3757183.00	2.93E-01	371041.00	3757183.00	4.30E-01
371041.00	3757283.00	4.05E+00	371041.00	3757283.00	5.30E+00	371041.00	3757283.00	2.25E+00	371041.00	3757283.00	2.60E-01	371041.00	3757283.00	2.60E-01	371041.00	3757283.00	5.61E-01
371141.00	3757083.00	3.84E+00	371141.00	3757083.00	6.05E+00	371141.00	3757083.00	2.45E+00	371141.00	3757083.00	3.03E-01	371141.00	3757083.00	3.03E-01	371141.00	3757083.00	3.47E-01
371141.00	3757183.00	3.08E+00	371141.00	3757183.00	5.37E+00	371141.00	3757183.00	2.20E+00	371141.00	3757183.00	2.70E-01	371141.00	3757183.00	2.70E-01	371141.00	3757183.00	4.17E-01
371141.00	3757283.00	3.35E+00	371141.00	3757283.00	4.95E+00	371141.00	3757283.00	2.07E+00	371141.00	3757283.00	2.46E-01	371141.00	3757283.00	2.46E-01	371141.00	3757283.00	5.59E-01

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020_M	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020_M
371150.00	3757970.99	1.12E+00	371150.00	3757970.99	1.48E+00	371150.00	3757970.99	6.33E-01	371150.00	3757970.99	7.25E-02	371150.00	3757970.99	7.25E-02	371150.00	3757970.99	5.82E-01
371241.00	3757083.00	3.39E+00	371241.00	3757083.00	5.43E+00	371241.00	3757083.00	2.25E+00	371241.00	3757083.00	2.67E-01	371241.00	3757083.00	2.67E-01	371241.00	3757083.00	3.76E-01
371241.00	3757183.00	2.69E+00	371241.00	3757183.00	4.83E+00	371241.00	3757183.00	1.99E+00	371241.00	3757183.00	2.39E-01	371241.00	3757183.00	2.39E-01	371241.00	3757183.00	3.83E-01
371341.00	3757083.00	3.03E+00	371341.00	3757083.00	4.98E+00	371341.00	3757083.00	2.06E+00	371341.00	3757083.00	2.45E-01	371341.00	3757083.00	2.45E-01	371341.00	3757083.00	3.79E-01
371341.00	3757183.00	2.48E+00	371341.00	3757183.00	4.25E+00	371341.00	3757183.00	1.73E+00	371341.00	3757183.00	2.10E-01	371341.00	3757183.00	2.10E-01	371341.00	3757183.00	4.23E-01
371441.00	3757083.00	2.73E+00	371441.00	3757083.00	4.51E+00	371441.00	3757083.00	1.86E+00	371441.00	3757083.00	2.22E-01	371441.00	3757083.00	2.22E-01	371441.00	3757083.00	3.95E-01
371441.00	3757183.00	2.29E+00	371441.00	3757183.00	3.60E+00	371441.00	3757183.00	1.46E+00	371441.00	3757183.00	1.77E-01	371441.00	3757183.00	1.77E-01	371441.00	3757183.00	4.36E-01
371539.56	3757095.63	2.43E+00	371539.56	3757095.63	3.97E+00	371539.56	3757095.63	1.64E+00	371539.56	3757095.63	1.95E-01	371539.56	3757095.63	1.95E-01	371539.56	3757095.63	3.98E-01
371540.36	3757178.31	2.14E+00	371540.36	3757178.31	3.29E+00	371540.36	3757178.31	1.36E+00	371540.36	3757178.31	1.62E-01	371540.36	3757178.31	1.62E-01	371540.36	3757178.31	4.44E-01
371614.33	3757093.32	2.27E+00	371614.33	3757093.32	3.70E+00	371614.33	3757093.32	1.53E+00	371614.33	3757093.32	1.82E-01	371614.33	3757093.32	1.82E-01	371614.33	3757093.32	3.97E-01
371615.15	3757177.59	2.02E+00	371615.15	3757177.59	3.13E+00	371615.15	3757177.59	1.30E+00	371615.15	3757177.59	1.53E-01	371615.15	3757177.59	1.53E-01	371615.15	3757177.59	4.44E-01
371641.00	3757083.00	2.24E+00	371641.00	3757083.00	3.66E+00	371641.00	3757083.00	1.51E+00	371641.00	3757083.00	1.80E-01	371641.00	3757083.00	1.80E-01	371641.00	3757083.00	3.93E-01
371641.00	3757183.00	1.97E+00	371641.00	3757183.00	3.03E+00	371641.00	3757183.00	1.26E+00	371641.00	3757183.00	1.48E-01	371641.00	3757183.00	1.48E-01	371641.00	3757183.00	4.46E-01
371741.00	3757083.00	2.04E+00	371741.00	3757083.00	3.32E+00	371741.00	3757083.00	1.37E+00	371741.00	3757083.00	1.63E-01	371741.00	3757083.00	1.63E-01	371741.00	3757083.00	3.93E-01
371741.00	3757183.00	1.82E+00	371741.00	3757183.00	2.82E+00	371741.00	3757183.00	1.17E+00	371741.00	3757183.00	1.38E-01	371741.00	3757183.00	1.38E-01	371741.00	3757183.00	4.46E-01
371741.00	3757283.00	1.60E+00	371741.00	3757283.00	2.47E+00	371741.00	3757283.00	1.03E+00	371741.00	3757283.00	1.23E-01	371741.00	3757283.00	1.23E-01	371741.00	3757283.00	5.18E-01
371841.00	3757083.00	1.87E+00	371841.00	3757083.00	3.01E+00	371841.00	3757083.00	1.25E+00	371841.00	3757083.00	1.48E-01	371841.00	3757083.00	1.48E-01	371841.00	3757083.00	3.78E-01
371841.00	3757183.00	1.69E+00	371841.00	3757183.00	2.62E+00	371841.00	3757183.00	1.09E+00	371841.00	3757183.00	1.28E-01	371841.00	3757183.00	1.28E-01	371841.00	3757183.00	4.49E-01
371841.00	3757283.00	1.50E+00	371841.00	3757283.00	2.33E+00	371841.00	3757283.00	9.70E-01	371841.00	3757283.00	1.15E-01	371841.00	3757283.00	1.15E-01	371841.00	3757283.00	5.19E-01
371900.00	3753500.00	4.14E-01	371900.00	3753500.00	5.64E-01	371900.00	3753500.00	2.39E-01	371900.00	3753500.00	2.76E-02	371900.00	3753500.00	2.76E-02	371900.00	3753500.00	7.31E-02
371900.00	3754500.00	5.45E-01	371900.00	3754500.00	8.09E-01	371900.00	3754500.00	3.44E-01	371900.00	3754500.00	3.83E-02	371900.00	3754500.00	3.83E-02	371900.00	3754500.00	1.03E-01
371900.00	3760500.00	2.10E-01	371900.00	3760500.00	3.14E-01	371900.00	3760500.00	1.33E-01	371900.00	3760500.00	1.50E-02	371900.00	3760500.00	1.50E-02	371900.00	3760500.00	4.76E-02
371900.00	3761500.00	1.96E-01	371900.00	3761500.00	2.72E-01	371900.00	3761500.00	1.15E-01	371900.00	3761500.00	1.33E-02	371900.00	3761500.00	1.33E-02	371900.00	3761500.00	3.42E-02
371900.00	3764500.00	1.09E-01	371900.00	3764500.00	1.37E-01	371900.00	3764500.00	5.74E-02	371900.00	3764500.00	6.95E-03	371900.00	3764500.00	6.95E-03	371900.00	3764500.00	1.58E-02
371941.00	3757083.00	1.72E+00	371941.00	3757083.00	2.75E+00	371941.00	3757083.00	1.14E+00	371941.00	3757083.00	1.35E-01	371941.00	3757083.00	1.35E-01	371941.00	3757083.00	3.94E-01
371941.00	3757183.00	1.57E+00	371941.00	3757183.00	2.44E+00	371941.00	3757183.00	1.01E+00	371941.00	3757183.00	1.19E-01	371941.00	3757183.00	1.19E-01	371941.00	3757183.00	4.50E-01
371941.00	3757283.00	1.50E+00	371941.00	3757283.00	2.17E+00	371941.00	3757283.00	9.05E-01	371941.00	3757283.00	1.08E-01	371941.00	3757283.00	1.08E-01	371941.00	3757283.00	5.27E-01
371941.00	3757383.00	1.64E+00	371941.00	3757383.00	2.01E+00	371941.00	3757383.00	8.25E-01	371941.00	3757383.00	9.84E-02	371941.00	3757383.00	9.84E-02	371941.00	3757383.00	6.30E-01
372041.00	3757083.00	1.59E+00	372041.00	3757083.00	2.52E+00	372041.00	3757083.00	1.05E+00	372041.00	3757083.00	1.23E-01	372041.00	3757083.00	1.23E-01	372041.00	3757083.00	4.88E-01
372041.00	3757183.00	1.46E+00	372041.00	3757183.00	2.27E+00	372041.00	3757183.00	9.42E-01	372041.00	3757183.00	1.11E-01	372041.00	3757183.00	1.11E-01	372041.00	3757183.00	5.73E-01
372041.00	3757283.00	1.31E+00	372041.00	3757283.00	2.02E+00	372041.00	3757283.00	8.41E-01	372041.00	3757283.00	1.00E-01	372041.00	3757283.00	1.00E-01	372041.00	3757283.00	6.82E-01
372041.00	3757383.00	1.86E+00	372041.00	3757383.00	1.87E+00	372041.00	3757383.00	7.84E-01	372041.00	3757383.00	9.26E-02	372041.00	3757383.00	9.26E-02	372041.00	3757383.00	8.36E-01
372041.00	3757783.00	6.78E+00	372041.00	3757783.00	2.01E+00	372041.00	3757783.00	8.34E-01	372041.00	3757783.00	1.01E-01	372041.00	3757783.00	1.01E-01	372041.00	3757783.00	1.30E+01
372041.00	3757883.00	1.98E+00	372041.00	3757883.00	1.96E+00	372041.00	3757883.00	8.19E-01	372041.00	3757883.00	9.83E-02	372041.00	3757883.00	9.83E-02	372041.00	3757883.00	2.91E+00
372041.00	3757983.00	1.50E+00	372041.00	3757983.00	1.81E+00	372041.00	3757983.00	7.64E-01	372041.00	3757983.00	9.10E-02	372041.00	3757983.00	9.10E-02	372041.00	3757983.00	1.49E+00
372141.00	3757083.00	1.48E+00	372141.00	3757083.00	2.32E+00	372141.00	3757083.00	9.65E-01	372141.00	3757083.00	1.14E-01	372141.00	3757083.00	1.14E-01	372141.00	3757083.00	5.07E-01
372141.00	3757183.00	1.37E+00	372141.00	3757183.00	2.11E+00	372141.00	3757183.00	8.79E-01	372141.00	3757183.00	1.03E-01	372141.00	3757183.00	1.03E-01	372141.00	3757183.00	6.03E-01
372141.00	3757283.00	1.22E+00	372141.00	3757283.00	1.87E+00	372141.00	3757283.00	7.78E-01	372141.00	3757283.00	9.29E-02	372141.00	3757283.00	9.29E-02	372141.00	3757283.00	7.19E-01
372141.00	3757783.00	5.76E+00	372141.00	3757783.00	1.84E+00	372141.00	3757783.00	7.61E-01	372141.00	3757783.00	9.24E-02	372141.00	3757783.00	9.24E-02	372141.00	3757783.00	1.43E+01
372141.00	3757883.00	2.04E+00	372141.00	3757883.00	1.86E+00	372141.00	3757883.00	7.73E-01	372141.00	3757883.00	9.32E-02	372141.00	3757883.00	9.32E-02	372141.00	3757883.00	2.93E+00
372141.00	3757983.00	1.41E+00	372141.00	3757983.00	1.78E+00	372141.00	3757983.00	7.45E-01	372141.00	3757983.00	8.91E-02	372141.00	3757983.00	8.91E-02	372141.00	3757983.00	1.50E+00
372241.00	3757083.00	1.37E+00	372241.00	3757083.00	2.15E+00	372241.00	3757083.00	8.94E-01	372241.00	3757083.00	1.05E-01	372241.00	3757083.00	1.05E-01	372241.00	3757083.00	4.83E-01
372241.00	3757183.00	1.28E+00	372241.00	3757183.00	1.97E+00	372241.00	3757183.00	8.21E-01	372241.00	3757183.00	9.62E-02	372241.00	3757183.00	9.62E-02	372241.00	3757183.00	5.85E-01

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Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020_M	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020	UTM_X	UTM_Y	2020_M
372241.00	3757283.00	1.15E+00	372241.00	3757283.00	1.74E+00	372241.00	3757283.00	7.25E-01	372241.00	3757283.00	8.58E-02	372241.00	3757283.00	8.58E-02	372241.00	3757283.00	7.17E-01
372241.00	3757483.00	1.66E+00	372241.00	3757483.00	1.65E+00	372241.00	3757483.00	6.79E-01	372241.00	3757483.00	8.04E-02	372241.00	3757483.00	8.04E-02	372241.00	3757483.00	1.19E+00
372241.00	3757583.00	1.97E+00	372241.00	3757583.00	1.67E+00	372241.00	3757583.00	6.90E-01	372241.00	3757583.00	8.12E-02	372241.00	3757583.00	8.12E-02	372241.00	3757583.00	1.81E+00
372241.00	3757683.00	4.06E+00	372241.00	3757683.00	1.70E+00	372241.00	3757683.00	7.10E-01	372241.00	3757683.00	8.33E-02	372241.00	3757683.00	8.33E-02	372241.00	3757683.00	3.49E+00
372241.00	3757783.00	3.63E+00	372241.00	3757783.00	1.67E+00	372241.00	3757783.00	7.03E-01	372241.00	3757783.00	8.33E-02	372241.00	3757783.00	8.33E-02	372241.00	3757783.00	1.42E+01
372341.00	3757083.00	1.28E+00	372341.00	3757083.00	1.99E+00	372341.00	3757083.00	8.29E-01	372341.00	3757083.00	9.73E-02	372341.00	3757083.00	9.73E-02	372341.00	3757083.00	4.54E-01
372341.00	3757183.00	1.20E+00	372341.00	3757183.00	1.85E+00	372341.00	3757183.00	7.69E-01	372341.00	3757183.00	9.00E-02	372341.00	3757183.00	9.00E-02	372341.00	3757183.00	5.47E-01
372341.00	3757283.00	1.09E+00	372341.00	3757283.00	1.65E+00	372341.00	3757283.00	6.88E-01	372341.00	3757283.00	8.03E-02	372341.00	3757283.00	8.03E-02	372341.00	3757283.00	6.89E-01
372341.00	3757383.00	1.07E+00	372341.00	3757383.00	1.60E+00	372341.00	3757383.00	6.66E-01	372341.00	3757383.00	7.91E-02	372341.00	3757383.00	7.91E-02	372341.00	3757383.00	9.06E-01
372341.00	3757483.00	1.02E+00	372341.00	3757483.00	1.60E+00	372341.00	3757483.00	6.57E-01	372341.00	3757483.00	7.87E-02	372341.00	3757483.00	7.87E-02	372341.00	3757483.00	1.25E+00
372341.00	3757583.00	1.28E+00	372341.00	3757583.00	1.55E+00	372341.00	3757583.00	6.29E-01	372341.00	3757583.00	7.80E-02	372341.00	3757583.00	7.80E-02	372341.00	3757583.00	1.86E+00
372341.00	3757683.00	2.37E+00	372341.00	3757683.00	1.59E+00	372341.00	3757683.00	6.61E-01	372341.00	3757683.00	7.77E-02	372341.00	3757683.00	7.77E-02	372341.00	3757683.00	3.57E+00
372341.00	3757783.00	1.95E+00	372341.00	3757783.00	1.59E+00	372341.00	3757783.00	6.68E-01	372341.00	3757783.00	7.89E-02	372341.00	3757783.00	7.89E-02	372341.00	3757783.00	1.39E+01
372441.00	3757083.00	1.20E+00	372441.00	3757083.00	1.86E+00	372441.00	3757083.00	7.72E-01	372441.00	3757083.00	9.06E-02	372441.00	3757083.00	9.06E-02	372441.00	3757083.00	4.44E-01
372441.00	3757183.00	1.13E+00	372441.00	3757183.00	1.74E+00	372441.00	3757183.00	7.23E-01	372441.00	3757183.00	8.45E-02	372441.00	3757183.00	8.45E-02	372441.00	3757183.00	5.26E-01
372441.00	3757283.00	1.03E+00	372441.00	3757283.00	1.56E+00	372441.00	3757283.00	6.85E-01	372441.00	3757283.00	7.60E-02	372441.00	3757283.00	7.60E-02	372441.00	3757283.00	6.47E-01
372441.00	3757383.00	1.01E+00	372441.00	3757383.00	1.55E+00	372441.00	3757383.00	6.67E-01	372441.00	3757383.00	7.44E-02	372441.00	3757383.00	7.44E-02	372441.00	3757383.00	8.87E-01
372441.00	3757483.00	9.79E-01	372441.00	3757483.00	1.57E+00	372441.00	3757483.00	6.39E-01	372441.00	3757483.00	7.78E-02	372441.00	3757483.00	7.78E-02	372441.00	3757483.00	1.27E+00
372441.00	3757583.00	9.98E-01	372441.00	3757583.00	1.52E+00	372441.00	3757583.00	6.15E-01	372441.00	3757583.00	7.76E-02	372441.00	3757583.00	7.76E-02	372441.00	3757583.00	1.86E+00
372441.00	3757683.00	1.60E+00	372441.00	3757683.00	1.48E+00	372441.00	3757683.00	6.12E-01	372441.00	3757683.00	7.22E-02	372441.00	3757683.00	7.22E-02	372441.00	3757683.00	3.77E+00
372441.00	3757783.00	1.44E+00	372441.00	3757783.00	1.51E+00	372441.00	3757783.00	6.31E-01	372441.00	3757783.00	7.50E-02	372441.00	3757783.00	7.50E-02	372441.00	3757783.00	1.37E+01
372441.00	3757883.00	1.38E+00	372441.00	3757883.00	1.45E+00	372441.00	3757883.00	6.05E-01	372441.00	3757883.00	7.21E-02	372441.00	3757883.00	7.21E-02	372441.00	3757883.00	3.45E+00
372441.00	3757983.00	1.34E+00	372441.00	3757983.00	1.52E+00	372441.00	3757983.00	6.30E-01	372441.00	3757983.00	7.57E-02	372441.00	3757983.00	7.57E-02	372441.00	3757983.00	1.47E+00
372541.00	3757083.00	1.13E+00	372541.00	3757083.00	1.97E+00	372541.00	3757083.00	8.80E-01	372541.00	3757083.00	8.49E-02	372541.00	3757083.00	8.49E-02	372541.00	3757083.00	4.72E-01
372541.00	3757183.00	1.06E+00	372541.00	3757183.00	1.85E+00	372541.00	3757183.00	8.40E-01	372541.00	3757183.00	7.95E-02	372541.00	3757183.00	7.95E-02	372541.00	3757183.00	5.44E-01
372541.00	3757283.00	9.80E-01	372541.00	3757283.00	1.86E+00	372541.00	3757283.00	8.87E-01	372541.00	3757283.00	7.21E-02	372541.00	3757283.00	7.21E-02	372541.00	3757283.00	6.90E-01
372541.00	3757383.00	9.49E-01	372541.00	3757383.00	1.79E+00	372541.00	3757383.00	7.80E-01	372541.00	3757383.00	7.42E-02	372541.00	3757383.00	7.42E-02	372541.00	3757383.00	8.99E-01
372541.00	3757483.00	9.36E-01	372541.00	3757483.00	1.56E+00	372541.00	3757483.00	6.49E-01	372541.00	3757483.00	7.83E-02	372541.00	3757483.00	7.83E-02	372541.00	3757483.00	1.19E+00
372541.00	3757583.00	8.83E-01	372541.00	3757583.00	1.52E+00	372541.00	3757583.00	6.08E-01	372541.00	3757583.00	7.83E-02	372541.00	3757583.00	7.83E-02	372541.00	3757583.00	1.81E+00
372541.00	3757683.00	1.18E+00	372541.00	3757683.00	1.39E+00	372541.00	3757683.00	5.67E-01	372541.00	3757683.00	7.28E-02	372541.00	3757683.00	7.28E-02	372541.00	3757683.00	3.87E+00
372541.00	3757783.00	1.20E+00	372541.00	3757783.00	1.42E+00	372541.00	3757783.00	5.94E-01	372541.00	3757783.00	7.16E-02	372541.00	3757783.00	7.16E-02	372541.00	3757783.00	1.35E+01
372541.00	3757883.00	9.52E-01	372541.00	3757883.00	1.38E+00	372541.00	3757883.00	5.76E-01	372541.00	3757883.00	6.80E-02	372541.00	3757883.00	6.80E-02	372541.00	3757883.00	3.53E+00
372541.00	3757983.00	1.10E+00	372541.00	3757983.00	1.40E+00	372541.00	3757983.00	5.80E-01	372541.00	3757983.00	6.97E-02	372541.00	3757983.00	6.97E-02	372541.00	3757983.00	1.59E+00
372641.00	3757383.00	8.92E-01	372641.00	3757383.00	2.18E+00	372641.00	3757383.00	1.00E+00	372641.00	3757383.00	8.91E-02	372641.00	3757383.00	8.91E-02	372641.00	3757383.00	9.07E-01
372641.00	3757483.00	8.94E-01	372641.00	3757483.00	1.69E+00	372641.00	3757483.00	6.96E-01	372641.00	3757483.00	8.84E-02	372641.00	3757483.00	8.84E-02	372641.00	3757483.00	1.17E+00
372641.00	3757583.00	8.55E-01	372641.00	3757583.00	1.63E+00	372641.00	3757583.00	6.31E-01	372641.00	3757583.00	8.53E-02	372641.00	3757583.00	8.53E-02	372641.00	3757583.00	1.81E+00
372641.00	3757683.00	9.30E-01	372641.00	3757683.00	1.52E+00	372641.00	3757683.00	5.89E-01	372641.00	3757683.00	8.23E-02	372641.00	3757683.00	8.23E-02	372641.00	3757683.00	3.87E+00
372641.00	3757783.00	9.98E-01	372641.00	3757783.00	1.45E+00	372641.00	3757783.00	5.64E-01	372641.00	3757783.00	8.13E-02	372641.00	3757783.00	8.13E-02	372641.00	3757783.00	2.26E+01
372641.00	3757883.00	8.55E-01	372641.00	3757883.00	1.31E+00	372641.00	3757883.00	5.46E-01	372641.00	3757883.00	7.19E-02	372641.00	3757883.00	7.19E-02	372641.00	3757883.00	3.52E+00
372641.00	3757983.00	8.68E-01	372641.00	3757983.00	1.28E+00	372641.00	3757983.00	5.28E-01	372641.00	3757983.00	6.35E-02	372641.00	3757983.00	6.35E-02	372641.00	3757983.00	1.65E+00
372741.00	3757683.00	7.70E-01	372741.00	3757683.00	1.78E+00	372741.00	3757683.00	6.76E-01	372741.00	3757683.00	9.75E-02	372741.00	3757683.00	9.75E-02	372741.00	3757683.00	3.65E+00
372741.00	3757783.00	8.45E-01	372741.00	3757783.00	1.70E+00	372741.00	3757783.00	6.47E-01	372741.00	3757783.00	9.56E-02	372741.00	3757783.00	9.56E-02	372741.00	3757783.00	2.02E+01
372741.00	3757883.00	8.05E-01	372741.00	3757883.00	1.25E+00	372741.00	3757883.00	5.14E-01	372741.00	3757883.00	7.21E-02	372741.00	3757883.00	7.21E-02	372741.00	3757883.00	3.43E+00



LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Month Average Day , Averaging Period: 8 Hours

Emissions Source: Architectural Coating (G001)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Diesel Exhaust (G002)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Gasoline Exhaust (G003)			Emissions Source: Paving Evaporation (G004)		
Without Mitigation (no practical mitigation)			Without Mitigation			With Mitigation			Without Mitigation			With Mitigation			Without Mitigation (no practical mitigation)		
UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M	UTM X	UTM Y	2020	UTM X	UTM Y	2020	UTM X	UTM Y	2020_M
375900.00	3759500.00	2.86E-01	375900.00	3759500.00	4.66E-01	375900.00	3759500.00	1.97E-01	375900.00	3759500.00	2.19E-02	375900.00	3759500.00	2.19E-02	375900.00	3759500.00	2.40E-01
376900.00	3753500.00	9.18E-02	376900.00	3753500.00	1.17E-01	376900.00	3753500.00	4.88E-02	376900.00	3753500.00	5.83E-03	376900.00	3753500.00	5.83E-03	376900.00	3753500.00	3.87E-02
376900.00	3754500.00	1.03E-01	376900.00	3754500.00	1.54E-01	376900.00	3754500.00	6.52E-02	376900.00	3754500.00	7.30E-03	376900.00	3754500.00	7.30E-03	376900.00	3754500.00	4.89E-02
376900.00	3757500.00	2.47E-01	376900.00	3757500.00	4.08E-01	376900.00	3757500.00	1.72E-01	376900.00	3757500.00	1.91E-02	376900.00	3757500.00	1.91E-02	376900.00	3757500.00	1.12E-01
376900.00	3763500.00	1.50E-01	376900.00	3763500.00	2.21E-01	376900.00	3763500.00	9.35E-02	376900.00	3763500.00	1.07E-02	376900.00	3763500.00	1.07E-02	376900.00	3763500.00	3.47E-02
377900.00	3758500.00	2.67E-01	377900.00	3758500.00	4.34E-01	377900.00	3758500.00	1.83E-01	377900.00	3758500.00	2.05E-02	377900.00	3758500.00	2.05E-02	377900.00	3758500.00	2.03E-01
378900.00	3754500.00	1.29E-01	378900.00	3754500.00	2.00E-01	378900.00	3754500.00	8.48E-02	378900.00	3754500.00	9.29E-03	378900.00	3754500.00	9.29E-03	378900.00	3754500.00	4.27E-02
378900.00	3761500.00	2.17E-01	378900.00	3761500.00	3.38E-01	378900.00	3761500.00	1.42E-01	378900.00	3761500.00	1.61E-02	378900.00	3761500.00	1.61E-02	378900.00	3761500.00	5.34E-02
379900.00	3753500.00	6.31E-02	379900.00	3753500.00	9.37E-02	379900.00	3753500.00	3.95E-02	379900.00	3753500.00	4.43E-03	379900.00	3753500.00	4.43E-03	379900.00	3753500.00	1.50E-02
379900.00	3758500.00	1.58E-01	379900.00	3758500.00	2.75E-01	379900.00	3758500.00	1.13E-01	379900.00	3758500.00	1.35E-02	379900.00	3758500.00	1.35E-02	379900.00	3758500.00	6.09E-02
380900.00	3764500.00	9.04E-02	380900.00	3764500.00	1.10E-01	380900.00	3764500.00	4.67E-02	380900.00	3764500.00	5.22E-03	380900.00	3764500.00	5.22E-03	380900.00	3764500.00	3.73E-02
381900.00	3753500.00	7.38E-02	381900.00	3753500.00	1.20E-01	381900.00	3753500.00	5.09E-02	381900.00	3753500.00	5.63E-03	381900.00	3753500.00	5.63E-03	381900.00	3753500.00	2.48E-02
381900.00	3758500.00	1.10E-01	381900.00	3758500.00	1.89E-01	381900.00	3758500.00	7.84E-02	381900.00	3758500.00	9.28E-03	381900.00	3758500.00	9.28E-03	381900.00	3758500.00	4.26E-02
383900.00	3758500.00	8.37E-02	383900.00	3758500.00	1.34E-01	383900.00	3758500.00	5.65E-02	383900.00	3758500.00	6.31E-03	383900.00	3758500.00	6.31E-03	383900.00	3758500.00	3.52E-02
383900.00	3759500.00	9.43E-02	383900.00	3759500.00	1.39E-01	383900.00	3759500.00	5.85E-02	383900.00	3759500.00	6.70E-03	383900.00	3759500.00	6.70E-03	383900.00	3759500.00	4.24E-02
383900.00	3760500.00	9.02E-02	383900.00	3760500.00	1.37E-01	383900.00	3760500.00	5.80E-02	383900.00	3760500.00	6.54E-03	383900.00	3760500.00	6.54E-03	383900.00	3760500.00	3.61E-02
383900.00	3761500.00	9.71E-02	383900.00	3761500.00	1.54E-01	383900.00	3761500.00	6.50E-02	383900.00	3761500.00	7.28E-03	383900.00	3761500.00	7.28E-03	383900.00	3761500.00	4.42E-02

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## Attachment F.3

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### Construction Concentrations– Toxic Air Contaminants

- PM10 Inputs – 1 Hour and 8 Hour

































































































































































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## Attachment F.3

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### Construction Concentrations– Toxic Air Contaminants

- Annual ROG Inputs





























LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Emissions Source: Architectural Coatings (G001) , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Year Average Day , without Mitigation (no practical mitigation)

UTM X	UTM Y	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
373241.00	3757983.00	5.69E-03	6.71E-02	5.76E-02	4.67E-02	2.37E-02	1.77E-02	0.00E+00	0.00E+00	3.70E-03	3.25E-02	3.28E-02	2.87E-02	1.84E-02	2.87E-03
373247.31	3756833.85	5.18E-03	4.31E-02	2.40E-02	2.59E-02	1.25E-02	9.41E-03	0.00E+00	0.00E+00	5.30E-03	4.65E-02	4.70E-02	4.11E-02	2.64E-02	4.11E-03
373250.82	3756654.89	4.35E-03	3.20E-02	2.01E-02	2.04E-02	8.02E-03	5.89E-03	0.00E+00	0.00E+00	2.68E-03	2.36E-02	2.38E-02	2.08E-02	1.34E-02	2.08E-03
373258.92	3755458.54	1.56E-03	9.67E-03	7.43E-03	6.85E-03	1.75E-03	1.20E-03	0.00E+00	0.00E+00	4.60E-04	4.04E-03	4.08E-03	3.57E-03	2.29E-03	3.60E-04
373278.35	3755647.97	1.67E-03	1.04E-02	7.98E-03	7.42E-03	2.03E-03	1.42E-03	0.00E+00	0.00E+00	5.40E-04	4.76E-03	4.81E-03	4.21E-03	2.70E-03	4.20E-04
373341.00	3757783.00	6.17E-03	6.91E-02	5.60E-02	9.68E-02	1.22E-01	9.72E-02	0.00E+00	0.00E+00	4.79E-03	4.20E-02	4.25E-02	3.72E-02	2.38E-02	3.71E-03
373341.00	3757883.00	5.89E-03	6.72E-02	5.56E-02	5.83E-02	4.97E-02	3.80E-02	0.00E+00	0.00E+00	4.15E-03	3.65E-02	3.69E-02	3.23E-02	2.07E-02	3.22E-03
373341.00	3757983.00	5.55E-03	6.34E-02	5.33E-02	4.57E-02	2.65E-02	1.99E-02	0.00E+00	0.00E+00	3.59E-03	3.16E-02	3.19E-02	2.79E-02	1.79E-02	2.78E-03
373441.00	3757083.00	5.56E-03	5.08E-02	2.61E-02	3.24E-02	2.08E-02	1.65E-02	0.00E+00	0.00E+00	2.73E-02	2.39E-01	2.42E-01	2.12E-01	1.36E-01	2.11E-02
373441.00	3757183.00	5.83E-03	5.51E-02	2.84E-02	4.40E-02	3.76E-02	3.11E-02	0.00E+00	0.00E+00	5.48E-02	4.81E-01	4.86E-01	4.25E-01	2.72E-01	4.24E-02
373441.00	3757283.00	6.01E-03	5.84E-02	3.13E-02	7.48E-02	8.58E-02	7.30E-02	0.00E+00	0.00E+00	3.36E-02	2.95E-01	2.98E-01	2.61E-01	1.67E-01	2.61E-02
373441.00	3757383.00	6.14E-03	6.10E-02	3.55E-02	1.55E-01	2.16E-01	1.85E-01	0.00E+00	0.00E+00	1.69E-02	1.48E-01	1.50E-01	1.31E-01	8.39E-02	1.31E-02
373441.00	3757483.00	6.23E-03	6.32E-02	4.08E-02	2.12E-01	3.20E-01	2.70E-01	0.00E+00	0.00E+00	1.02E-02	8.98E-02	9.07E-02	7.94E-02	5.09E-02	7.93E-03
373900.00	3759500.00	1.47E-03	1.15E-02	8.62E-03	7.35E-03	2.06E-03	1.45E-03	0.00E+00	0.00E+00	5.00E-04	4.35E-03	4.39E-03	3.85E-03	2.46E-03	3.80E-04
373900.00	3762500.00	2.10E-04	1.77E-03	1.15E-03	1.02E-03	3.10E-04	2.20E-04	0.00E+00	0.00E+00	8.00E-05	7.10E-04	7.20E-04	6.30E-04	4.00E-04	6.00E-05
373900.00	3763500.00	1.70E-04	1.31E-03	9.30E-04	8.30E-04	2.50E-04	1.70E-04	0.00E+00	0.00E+00	6.00E-05	5.30E-04	5.40E-04	4.70E-04	3.00E-04	5.00E-05
374900.00	3753500.00	6.90E-04	3.81E-03	3.11E-03	2.86E-03	5.70E-04	3.70E-04	0.00E+00	0.00E+00	1.20E-04	1.06E-03	1.07E-03	9.40E-04	6.00E-04	9.00E-05
374900.00	3758500.00	3.02E-03	2.80E-02	2.06E-02	1.90E-02	9.84E-03	7.30E-03	0.00E+00	0.00E+00	1.59E-03	1.40E-02	1.41E-02	1.24E-02	7.92E-03	1.23E-03
375900.00	3754500.00	5.50E-04	3.23E-03	2.58E-03	2.37E-03	5.40E-04	3.60E-04	0.00E+00	0.00E+00	1.20E-04	1.08E-03	1.09E-03	9.50E-04	6.10E-04	1.00E-04
375900.00	3757500.00	2.38E-03	1.94E-02	1.22E-02	1.24E-02	5.79E-03	4.34E-03	0.00E+00	0.00E+00	1.54E-03	1.35E-02	1.36E-02	1.19E-02	7.64E-03	1.19E-03
375900.00	3758500.00	2.59E-03	2.27E-02	1.58E-02	1.53E-02	8.07E-03	6.03E-03	0.00E+00	0.00E+00	1.43E-03	1.25E-02	1.27E-02	1.11E-02	7.10E-03	1.11E-03
375900.00	3759500.00	1.56E-03	1.32E-02	9.63E-03	8.21E-03	2.64E-03	1.89E-03	0.00E+00	0.00E+00	6.10E-04	5.37E-03	5.42E-03	4.75E-03	3.04E-03	4.70E-04
376900.00	3753500.00	3.90E-04	2.26E-03	1.80E-03	1.64E-03	3.40E-04	2.20E-04	0.00E+00	0.00E+00	8.00E-05	6.90E-04	7.00E-04	6.10E-04	3.90E-04	6.00E-05
376900.00	3754500.00	4.60E-04	2.64E-03	2.14E-03	1.97E-03	4.40E-04	3.00E-04	0.00E+00	0.00E+00	9.00E-05	8.20E-04	8.30E-04	7.30E-04	4.70E-04	7.00E-05
376900.00	3757500.00	1.81E-03	1.42E-02	8.98E-03	8.74E-03	3.34E-03	2.44E-03	0.00E+00	0.00E+00	9.10E-04	7.97E-03	8.05E-03	7.05E-03	4.52E-03	7.00E-04
376900.00	3763500.00	2.90E-04	2.21E-03	1.55E-03	1.35E-03	3.10E-04	2.10E-04	0.00E+00	0.00E+00	9.00E-05	7.50E-04	7.60E-04	6.60E-04	4.20E-04	7.00E-05
377900.00	3758500.00	1.58E-03	1.32E-02	8.77E-03	8.40E-03	3.66E-03	2.71E-03	0.00E+00	0.00E+00	8.20E-04	7.21E-03	7.28E-03	6.37E-03	4.08E-03	6.40E-04
378900.00	3754500.00	3.40E-04	1.90E-03	1.55E-03	1.42E-03	2.70E-04	1.80E-04	0.00E+00	0.00E+00	5.00E-05	4.60E-04	4.70E-04	4.10E-04	2.60E-04	4.00E-05
378900.00	3761500.00	6.40E-04	5.19E-03	3.65E-03	3.18E-03	9.60E-04	6.80E-04	0.00E+00	0.00E+00	2.30E-04	2.06E-03	2.08E-03	1.82E-03	1.17E-03	1.80E-04
379900.00	3753500.00	2.50E-04	1.42E-03	1.16E-03	1.05E-03	2.00E-04	1.30E-04	0.00E+00	0.00E+00	4.00E-05	3.80E-04	3.90E-04	3.40E-04	2.20E-04	3.00E-05
379900.00	3758500.00	1.12E-03	9.18E-03	5.99E-03	5.67E-03	2.20E-03	1.61E-03	0.00E+00	0.00E+00	5.30E-04	4.65E-03	4.70E-03	4.11E-03	2.63E-03	4.10E-04
380900.00	3764500.00	2.60E-04	1.94E-03	1.37E-03	1.23E-03	3.50E-04	2.50E-04	0.00E+00	0.00E+00	9.00E-05	7.60E-04	7.70E-04	6.70E-04	4.30E-04	7.00E-05
381900.00	3753500.00	2.00E-04	1.11E-03	9.10E-04	8.20E-04	1.40E-04	9.00E-05	0.00E+00	0.00E+00	3.00E-05	2.60E-04	2.60E-04	2.30E-04	1.50E-04	2.00E-05
381900.00	3758500.00	8.10E-04	6.56E-03	4.26E-03	3.99E-03	1.41E-03	1.02E-03	0.00E+00	0.00E+00	3.50E-04	3.11E-03	3.15E-03	2.75E-03	1.76E-03	2.70E-04
383900.00	3758500.00	6.20E-04	4.90E-03	3.18E-03	2.96E-03	9.80E-04	7.00E-04	0.00E+00	0.00E+00	2.50E-04	2.21E-03	2.24E-03	1.96E-03	1.25E-03	2.00E-04
383900.00	3759500.00	6.80E-04	5.63E-03	3.68E-03	3.41E-03	1.23E-03	9.00E-04	0.00E+00	0.00E+00	3.00E-04	2.67E-03	2.70E-03	2.36E-03	1.51E-03	2.40E-04
383900.00	3760500.00	6.80E-04	5.70E-03	3.78E-03	3.48E-03	1.26E-03	9.20E-04	0.00E+00	0.00E+00	3.00E-04	2.67E-03	2.69E-03	2.36E-03	1.51E-03	2.40E-04
383900.00	3761500.00	6.50E-04	5.25E-03	3.60E-03	3.26E-03	1.09E-03	7.90E-04	0.00E+00	0.00E+00	2.60E-04	2.29E-03	2.31E-03	2.02E-03	1.29E-03	2.00E-04





























LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Emissions Source: Diesel Exhaust (G002) , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Year Average Day , without Mitigation

UTM X	UTM Y	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
373241.00	3757983.00	1.02E-03	6.20E-02	1.70E-01	1.07E-01	5.85E-02	2.86E-02	1.07E-02	4.40E-03	7.84E-03	1.75E-02	1.55E-02	1.22E-02	5.68E-03	8.90E-04
373247.31	3756833.85	1.39E-03	2.20E-02	1.01E-01	7.15E-02	3.16E-02	1.88E-02	4.42E-03	9.80E-04	1.09E-02	2.51E-02	2.18E-02	1.74E-02	8.14E-03	1.27E-03
373250.82	3756654.89	1.76E-03	1.86E-02	8.22E-02	5.43E-02	2.18E-02	1.21E-02	3.72E-03	8.20E-04	5.55E-03	1.27E-02	1.11E-02	8.83E-03	4.12E-03	6.40E-04
373258.92	3755458.54	5.10E-04	7.80E-03	3.05E-02	2.27E-02	6.33E-03	3.01E-03	1.35E-03	3.40E-04	9.90E-04	2.18E-03	1.94E-03	1.51E-03	7.10E-04	1.10E-04
373278.35	3755647.97	8.50E-04	8.57E-03	3.29E-02	2.55E-02	7.03E-03	3.43E-03	1.47E-03	3.70E-04	1.16E-03	2.57E-03	2.28E-03	1.79E-03	8.30E-04	1.30E-04
373341.00	3757783.00	1.21E-03	6.06E-02	2.63E-01	3.32E-01	3.11E-01	1.61E-01	1.05E-02	4.06E-03	1.00E-02	2.27E-02	1.99E-02	1.58E-02	7.35E-03	1.15E-03
373341.00	3757883.00	1.11E-03	6.01E-02	2.03E-01	1.67E-01	1.11E-01	5.50E-02	1.04E-02	4.15E-03	8.76E-03	1.97E-02	1.73E-02	1.37E-02	6.38E-03	9.90E-04
373341.00	3757983.00	1.01E-03	5.75E-02	1.68E-01	1.12E-01	6.30E-02	3.14E-02	1.00E-02	4.04E-03	7.61E-03	1.70E-02	1.50E-02	1.18E-02	5.52E-03	8.60E-04
373441.00	3757083.00	1.33E-03	2.61E-02	1.23E-01	1.00E-01	5.13E-02	7.41E-02	5.15E-03	1.21E-03	5.53E-02	1.29E-01	1.11E-01	8.97E-02	4.19E-02	6.53E-03
373441.00	3757183.00	1.37E-03	2.95E-02	1.61E-01	1.64E-01	9.63E-02	1.41E-01	5.95E-03	1.44E-03	1.11E-01	2.58E-01	2.23E-01	1.80E-01	8.41E-02	1.31E-02
373441.00	3757283.00	1.39E-03	3.35E-02	1.94E-01	3.86E-01	3.44E-01	3.78E-01	6.88E-03	1.73E-03	6.82E-02	1.59E-01	1.37E-01	1.11E-01	5.17E-02	8.05E-03
373441.00	3757383.00	1.39E-03	3.85E-02	2.49E-01	4.62E-01	3.29E-01	3.01E-01	7.79E-03	2.10E-03	3.43E-02	7.96E-02	6.89E-02	5.55E-02	2.59E-02	4.04E-03
373441.00	3757483.00	1.37E-03	4.45E-02	3.18E-01	5.16E-01	3.45E-01	2.25E-01	8.54E-03	2.54E-03	2.10E-02	4.84E-02	4.20E-02	3.37E-02	1.57E-02	2.45E-03
373900.00	3759500.00	2.40E-04	9.58E-03	3.02E-02	1.68E-02	6.23E-03	3.05E-03	1.76E-03	5.50E-04	1.08E-03	2.35E-03	2.11E-03	1.63E-03	7.60E-04	1.20E-04
373900.00	3762500.00	4.00E-05	1.35E-03	4.35E-03	2.54E-03	9.20E-04	4.50E-04	2.20E-04	7.00E-05	1.80E-04	3.90E-04	3.50E-04	2.70E-04	1.20E-04	2.00E-05
373900.00	3763500.00	3.00E-05	1.00E-03	3.39E-03	2.00E-03	7.60E-04	3.70E-04	2.00E-04	6.00E-05	1.40E-04	2.90E-04	2.60E-04	2.00E-04	9.00E-05	1.00E-05
374900.00	3753500.00	1.00E-04	2.94E-03	1.23E-02	7.15E-03	2.31E-03	1.01E-03	5.60E-04	1.30E-04	2.70E-04	5.70E-04	5.20E-04	4.00E-04	1.90E-04	3.00E-05
374900.00	3758500.00	5.60E-04	2.28E-02	7.29E-02	4.75E-02	2.30E-02	1.20E-02	4.21E-03	1.46E-03	3.39E-03	7.55E-03	6.69E-03	5.24E-03	2.45E-03	3.80E-04
375900.00	3754500.00	8.00E-05	2.64E-03	1.04E-02	6.13E-03	2.07E-03	9.60E-04	4.80E-04	1.20E-04	2.70E-04	5.80E-04	5.30E-04	4.00E-04	1.90E-04	3.00E-05
375900.00	3757500.00	5.70E-04	1.21E-02	4.74E-02	3.21E-02	1.39E-02	7.67E-03	2.42E-03	6.40E-04	3.20E-03	7.27E-03	6.36E-03	5.05E-03	2.36E-03	3.70E-04
375900.00	3758500.00	4.80E-04	1.69E-02	5.86E-02	3.94E-02	1.87E-02	9.96E-03	3.19E-03	1.03E-03	3.02E-03	6.76E-03	5.98E-03	4.69E-03	2.19E-03	3.40E-04
375900.00	3759500.00	2.70E-04	1.07E-02	3.31E-02	1.88E-02	7.27E-03	3.58E-03	1.96E-03	6.60E-04	1.33E-03	2.91E-03	2.61E-03	2.01E-03	9.40E-04	1.50E-04
376900.00	3753500.00	6.00E-05	1.84E-03	7.25E-03	4.21E-03	1.39E-03	6.20E-04	3.30E-04	8.00E-05	1.70E-04	3.70E-04	3.40E-04	2.60E-04	1.20E-04	2.00E-05
376900.00	3754500.00	7.00E-05	2.13E-03	8.56E-03	5.02E-03	1.68E-03	7.70E-04	4.00E-04	1.00E-04	2.10E-04	4.50E-04	4.00E-04	3.10E-04	1.40E-04	2.00E-05
376900.00	3757500.00	4.40E-04	8.87E-03	3.46E-02	2.21E-02	8.75E-03	4.59E-03	1.78E-03	4.60E-04	1.91E-03	4.30E-03	3.78E-03	2.99E-03	1.39E-03	2.20E-04
376900.00	3763500.00	5.00E-05	1.71E-03	5.70E-03	3.18E-03	1.08E-03	5.00E-04	3.20E-04	9.00E-05	1.90E-04	4.10E-04	3.70E-04	2.80E-04	1.30E-04	2.00E-05
377900.00	3758500.00	3.30E-04	9.15E-03	3.26E-02	2.10E-02	9.03E-03	4.76E-03	1.79E-03	5.40E-04	1.74E-03	3.89E-03	3.44E-03	2.70E-03	1.26E-03	2.00E-04
378900.00	3754500.00	5.00E-05	1.32E-03	5.77E-03	3.26E-03	1.02E-03	4.50E-04	2.90E-04	6.00E-05	1.20E-04	2.50E-04	2.30E-04	1.70E-04	8.00E-05	1.00E-05
378900.00	3761500.00	1.20E-04	3.92E-03	1.28E-02	7.31E-03	2.72E-03	1.32E-03	7.50E-04	2.30E-04	5.10E-04	1.12E-03	1.00E-03	7.70E-04	3.60E-04	6.00E-05
379900.00	3753500.00	3.00E-05	1.15E-03	4.60E-03	2.65E-03	8.60E-04	3.70E-04	2.10E-04	5.00E-05	1.00E-04	2.10E-04	1.90E-04	1.40E-04	7.00E-05	1.00E-05
379900.00	3758500.00	2.50E-04	6.12E-03	2.21E-02	1.39E-02	5.66E-03	2.93E-03	1.22E-03	3.50E-04	1.13E-03	2.51E-03	2.22E-03	1.74E-03	8.10E-04	1.30E-04
380900.00	3764500.00	5.00E-05	1.41E-03	4.91E-03	2.83E-03	1.03E-03	5.00E-04	2.80E-04	8.00E-05	1.90E-04	4.10E-04	3.70E-04	2.80E-04	1.30E-04	2.00E-05
381900.00	3753500.00	3.00E-05	7.90E-04	3.38E-03	1.89E-03	5.80E-04	2.50E-04	1.70E-04	4.00E-05	7.00E-05	1.40E-04	1.30E-04	1.00E-04	5.00E-05	1.00E-05
381900.00	3758500.00	1.80E-04	4.28E-03	1.56E-02	9.63E-03	3.75E-03	1.91E-03	8.70E-04	2.40E-04	7.60E-04	1.68E-03	1.49E-03	1.17E-03	5.40E-04	8.00E-05
383900.00	3758500.00	1.40E-04	3.17E-03	1.16E-02	7.07E-03	2.68E-03	1.35E-03	6.50E-04	1.80E-04	5.40E-04	1.20E-03	1.06E-03	8.30E-04	3.90E-04	6.00E-05
383900.00	3759500.00	1.50E-04	3.77E-03	1.32E-02	8.17E-03	3.24E-03	1.66E-03	7.60E-04	2.20E-04	6.50E-04	1.44E-03	1.28E-03	1.00E-03	4.70E-04	7.00E-05
383900.00	3760500.00	1.40E-04	3.90E-03	1.35E-02	8.28E-03	3.30E-03	1.68E-03	7.80E-04	2.30E-04	6.50E-04	1.44E-03	1.28E-03	1.00E-03	4.70E-04	7.00E-05
383900.00	3761500.00	1.20E-04	3.70E-03	1.28E-02	7.63E-03	2.95E-03	1.48E-03	7.40E-04	2.20E-04	5.60E-04	1.24E-03	1.10E-03	8.60E-04	4.00E-04	6.00E-05





























LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Emissions Source: Diesel Exhaust (G002) , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Year Average Day , with Mitigation

UTM_X	UTM_Y	2017_M	2018_M	2019_M	2020_M	2021_M	2022_M	2023_M	2024_M	2025_M	2026_M	2027_M	2028_M	2029_M	2030_M
373241.00	3757983.00	3.80E-04	2.50E-02	6.73E-02	4.22E-02	2.41E-02	1.20E-02	6.50E-03	2.72E-03	4.69E-03	9.64E-03	8.74E-03	6.96E-03	3.22E-03	5.00E-04
373247.31	3756833.85	5.20E-04	8.88E-03	3.94E-02	2.84E-02	1.34E-02	8.42E-03	2.73E-03	6.10E-04	6.48E-03	1.38E-02	1.23E-02	9.98E-03	4.61E-03	7.20E-04
373250.82	3756654.89	6.90E-04	7.47E-03	3.18E-02	2.16E-02	9.43E-03	5.48E-03	2.29E-03	5.20E-04	3.31E-03	6.98E-03	6.23E-03	5.05E-03	2.33E-03	3.60E-04
373258.92	3755458.54	2.00E-04	3.08E-03	1.17E-02	9.48E-03	2.91E-03	1.44E-03	8.30E-04	2.20E-04	5.90E-04	1.20E-03	1.10E-03	8.70E-04	4.00E-04	6.00E-05
373278.35	3755647.97	3.40E-04	3.40E-03	1.27E-02	1.07E-02	3.21E-03	1.63E-03	9.00E-04	2.30E-04	6.90E-04	1.42E-03	1.29E-03	1.02E-03	4.70E-04	7.00E-05
373341.00	3757783.00	4.40E-04	2.45E-02	1.03E-01	1.24E-01	1.22E-01	6.10E-02	6.36E-03	2.51E-03	6.00E-03	1.25E-02	1.12E-02	9.01E-03	4.16E-03	6.50E-04
373341.00	3757883.00	4.10E-04	2.43E-02	8.02E-02	6.46E-02	4.39E-02	2.20E-02	6.32E-03	2.57E-03	5.23E-03	1.08E-02	9.78E-03	7.82E-03	3.61E-03	5.60E-04
373341.00	3757983.00	3.70E-04	2.33E-02	6.63E-02	4.40E-02	2.56E-02	1.31E-02	6.07E-03	2.49E-03	4.55E-03	9.36E-03	8.48E-03	6.77E-03	3.13E-03	4.90E-04
373441.00	3757083.00	4.80E-04	1.06E-02	4.85E-02	3.98E-02	2.08E-02	3.64E-02	3.18E-03	7.60E-04	3.29E-02	7.08E-02	6.25E-02	5.14E-02	2.37E-02	3.70E-03
373441.00	3757183.00	4.90E-04	1.20E-02	6.60E-02	6.40E-02	3.72E-02	6.68E-02	3.67E-03	9.00E-04	6.60E-02	1.42E-01	1.25E-01	1.03E-01	4.76E-02	7.42E-03
373441.00	3757283.00	5.00E-04	1.36E-02	7.88E-02	1.41E-01	1.22E-01	1.57E-01	4.25E-03	1.08E-03	4.06E-02	8.73E-02	7.71E-02	6.33E-02	2.93E-02	4.56E-03
373441.00	3757383.00	5.00E-04	1.56E-02	9.75E-02	1.75E-01	1.22E-01	1.30E-01	4.80E-03	1.30E-03	2.05E-02	4.38E-02	3.88E-02	3.17E-02	1.47E-02	2.29E-03
373441.00	3757483.00	4.90E-04	1.80E-02	1.23E-01	1.97E-01	1.31E-01	9.70E-02	5.25E-03	1.57E-03	1.25E-02	2.66E-02	2.36E-02	1.93E-02	8.90E-03	1.39E-03
373900.00	3759500.00	9.00E-05	3.89E-03	1.17E-02	6.72E-03	2.76E-03	1.41E-03	1.08E-03	3.50E-04	6.50E-04	1.29E-03	1.19E-03	9.30E-04	4.30E-04	7.00E-05
373900.00	3762500.00	2.00E-05	5.50E-04	1.69E-03	1.02E-03	4.10E-04	2.10E-04	1.30E-04	5.00E-05	1.10E-04	2.10E-04	2.00E-04	1.50E-04	7.00E-05	1.00E-05
373900.00	3763500.00	1.00E-05	4.00E-04	1.30E-03	8.00E-04	3.40E-04	1.70E-04	1.20E-04	4.00E-05	8.00E-05	1.60E-04	1.50E-04	1.10E-04	5.00E-05	1.00E-05
374900.00	3753500.00	4.00E-05	1.16E-03	4.70E-03	2.87E-03	1.09E-03	5.00E-04	3.40E-04	8.00E-05	1.60E-04	3.20E-04	2.90E-04	2.30E-04	1.00E-04	2.00E-05
374900.00	3758500.00	2.10E-04	9.25E-03	2.86E-02	1.88E-02	9.41E-03	5.10E-03	2.57E-03	9.00E-04	2.03E-03	4.15E-03	3.78E-03	3.00E-03	1.38E-03	2.20E-04
375900.00	3754500.00	3.00E-05	1.04E-03	3.99E-03	2.46E-03	9.60E-04	4.60E-04	3.00E-04	7.00E-05	1.60E-04	3.20E-04	3.00E-04	2.30E-04	1.10E-04	2.00E-05
375900.00	3757500.00	2.20E-04	4.92E-03	1.83E-02	1.28E-02	5.84E-03	3.38E-03	1.48E-03	4.00E-04	1.91E-03	4.00E-03	3.58E-03	2.89E-03	1.34E-03	2.10E-04
375900.00	3758500.00	1.80E-04	6.86E-03	2.29E-02	1.56E-02	7.70E-03	4.27E-03	1.95E-03	6.40E-04	1.81E-03	3.72E-03	3.37E-03	2.69E-03	1.24E-03	1.90E-04
375900.00	3759500.00	1.00E-04	4.34E-03	1.29E-02	7.50E-03	3.14E-03	1.62E-03	1.20E-03	4.10E-04	8.00E-04	1.60E-03	1.47E-03	1.15E-03	5.30E-04	8.00E-05
376900.00	3753500.00	2.00E-05	7.30E-04	2.77E-03	1.69E-03	6.50E-04	3.00E-04	2.10E-04	5.00E-05	1.00E-04	2.10E-04	1.90E-04	1.50E-04	7.00E-05	1.00E-05
376900.00	3754500.00	3.00E-05	8.40E-04	3.27E-03	2.01E-03	7.80E-04	3.70E-04	2.40E-04	6.00E-05	1.20E-04	2.40E-04	2.30E-04	1.80E-04	8.00E-05	1.00E-05
376900.00	3757500.00	1.70E-04	3.61E-03	1.33E-02	8.82E-03	3.76E-03	2.07E-03	1.09E-03	2.90E-04	1.14E-03	2.36E-03	2.13E-03	1.71E-03	7.90E-04	1.20E-04
376900.00	3763500.00	2.00E-05	6.90E-04	2.20E-03	1.28E-03	4.90E-04	2.40E-04	2.00E-04	6.00E-05	1.10E-04	2.20E-04	2.10E-04	1.60E-04	7.00E-05	1.00E-05
377900.00	3758500.00	1.20E-04	3.72E-03	1.26E-02	8.37E-03	3.80E-03	2.10E-03	1.09E-03	3.40E-04	1.04E-03	2.14E-03	1.94E-03	1.55E-03	7.10E-04	1.10E-04
378900.00	3754500.00	2.00E-05	5.30E-04	2.19E-03	1.30E-03	4.70E-04	2.20E-04	1.80E-04	4.00E-05	7.00E-05	1.40E-04	1.30E-04	1.00E-04	5.00E-05	1.00E-05
378900.00	3761500.00	4.00E-05	1.60E-03	4.95E-03	2.92E-03	1.19E-03	6.00E-04	4.60E-04	1.50E-04	3.10E-04	6.10E-04	5.70E-04	4.40E-04	2.00E-04	3.00E-05
379900.00	3753500.00	1.00E-05	4.50E-04	1.75E-03	1.06E-03	4.00E-04	1.80E-04	1.30E-04	3.00E-05	6.00E-05	1.10E-04	1.10E-04	8.00E-05	4.00E-05	1.00E-05
379900.00	3758500.00	9.00E-05	2.49E-03	8.54E-03	5.56E-03	2.41E-03	1.31E-03	7.50E-04	2.20E-04	6.70E-04	1.38E-03	1.25E-03	1.00E-03	4.60E-04	7.00E-05
380900.00	3764500.00	2.00E-05	5.70E-04	1.89E-03	1.13E-03	4.60E-04	2.30E-04	1.70E-04	5.00E-05	1.10E-04	2.30E-04	2.10E-04	1.60E-04	8.00E-05	1.00E-05
381900.00	3753500.00	1.00E-05	3.20E-04	1.28E-03	7.60E-04	2.70E-04	1.20E-04	1.00E-04	2.00E-05	4.00E-05	8.00E-05	7.00E-05	6.00E-05	3.00E-05	0.00E+00
381900.00	3758500.00	7.00E-05	1.74E-03	6.01E-03	3.85E-03	1.61E-03	8.60E-04	5.30E-04	1.50E-04	4.50E-04	9.20E-04	8.40E-04	6.70E-04	3.10E-04	5.00E-05
383900.00	3758500.00	5.00E-05	1.29E-03	4.47E-03	2.83E-03	1.16E-03	6.10E-04	4.00E-04	1.10E-04	3.20E-04	6.60E-04	6.00E-04	4.70E-04	2.20E-04	3.00E-05
383900.00	3759500.00	6.00E-05	1.54E-03	5.11E-03	3.26E-03	1.39E-03	7.40E-04	4.70E-04	1.40E-04	3.90E-04	7.90E-04	7.20E-04	5.70E-04	2.60E-04	4.00E-05
383900.00	3760500.00	5.00E-05	1.59E-03	5.22E-03	3.30E-03	1.41E-03	7.50E-04	4.80E-04	1.50E-04	3.90E-04	7.90E-04	7.20E-04	5.70E-04	2.60E-04	4.00E-05
383900.00	3761500.00	5.00E-05	1.51E-03	4.94E-03	3.05E-03	1.27E-03	6.70E-04	4.50E-04	1.40E-04	3.40E-04	6.80E-04	6.20E-04	4.90E-04	2.30E-04	4.00E-05





























LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Emissions Source: Gasoline Exhaust (G003) , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Year Average Day , without Mitigation

UTM X	UTM Y	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
373241.00	3757983.00	3.00E-05	7.05E-03	1.01E-02	5.42E-03	4.93E-03	2.15E-03	1.65E-03	7.00E-04	2.10E-04	5.70E-04	4.70E-04	3.80E-04	1.80E-04	2.00E-05
373247.31	3756833.85	5.00E-05	1.78E-03	4.44E-03	3.42E-03	2.81E-03	1.44E-03	4.10E-04	1.30E-04	3.00E-04	8.20E-04	6.60E-04	5.40E-04	2.60E-04	3.00E-05
373250.82	3756654.89	7.00E-05	1.49E-03	3.55E-03	2.47E-03	1.85E-03	9.30E-04	3.40E-04	1.10E-04	1.50E-04	4.10E-04	3.40E-04	2.70E-04	1.30E-04	2.00E-05
373258.92	3755458.54	2.00E-05	6.20E-04	1.30E-03	1.00E-03	4.50E-04	2.10E-04	1.30E-04	5.00E-05	3.00E-05	7.00E-05	6.00E-05	5.00E-05	2.00E-05	0.00E+00
373278.35	3755647.97	3.00E-05	6.70E-04	1.41E-03	1.14E-03	5.20E-04	2.50E-04	1.40E-04	5.00E-05	3.00E-05	8.00E-05	7.00E-05	6.00E-05	3.00E-05	0.00E+00
373341.00	3757783.00	4.00E-05	6.32E-03	1.65E-02	2.06E-02	2.80E-02	1.24E-02	1.58E-03	6.30E-04	2.70E-04	7.40E-04	6.10E-04	4.90E-04	2.30E-04	3.00E-05
373341.00	3757883.00	3.00E-05	6.54E-03	1.23E-02	9.38E-03	9.84E-03	4.24E-03	1.57E-03	6.50E-04	2.40E-04	6.40E-04	5.30E-04	4.30E-04	2.00E-04	3.00E-05
373341.00	3757983.00	3.00E-05	6.43E-03	9.90E-03	5.79E-03	5.42E-03	2.39E-03	1.52E-03	6.40E-04	2.10E-04	5.60E-04	4.60E-04	3.70E-04	1.70E-04	2.00E-05
373441.00	3757083.00	5.00E-05	2.14E-03	5.62E-03	5.24E-03	5.21E-03	4.28E-03	5.50E-04	1.60E-04	1.53E-03	4.20E-03	3.39E-03	2.79E-03	1.31E-03	1.70E-04
373441.00	3757183.00	5.00E-05	2.46E-03	7.89E-03	9.39E-03	1.05E-02	8.60E-03	7.30E-04	1.90E-04	3.08E-03	8.43E-03	6.81E-03	5.61E-03	2.64E-03	3.50E-04
373441.00	3757283.00	5.00E-05	2.85E-03	1.05E-02	2.30E-02	3.60E-02	2.58E-02	9.50E-04	2.40E-04	1.89E-03	5.18E-03	4.19E-03	3.44E-03	1.62E-03	2.20E-04
373441.00	3757383.00	5.00E-05	3.36E-03	1.53E-02	3.14E-02	4.00E-02	2.23E-02	1.16E-03	3.00E-04	9.50E-04	2.60E-03	2.10E-03	1.73E-03	8.10E-04	1.10E-04
373441.00	3757483.00	5.00E-05	4.00E-03	2.06E-02	3.75E-02	4.39E-02	1.86E-02	1.29E-03	3.70E-04	5.80E-04	1.58E-03	1.28E-03	1.05E-03	4.90E-04	7.00E-05
373900.00	3759500.00	1.00E-05	9.50E-04	1.47E-03	7.20E-04	4.80E-04	2.20E-04	2.10E-04	9.00E-05	3.00E-05	8.00E-05	6.00E-05	5.00E-05	2.00E-05	0.00E+00
373900.00	3762500.00	0.00E+00	1.30E-04	2.10E-04	1.10E-04	7.00E-05	3.00E-05	3.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
373900.00	3763500.00	0.00E+00	9.00E-05	1.60E-04	9.00E-05	6.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
374900.00	3753500.00	0.00E+00	2.30E-04	5.00E-04	2.90E-04	1.50E-04	7.00E-05	5.00E-05	2.00E-05	1.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00
374900.00	3758500.00	2.00E-05	2.33E-03	3.88E-03	2.32E-03	2.04E-03	9.40E-04	5.60E-04	2.20E-04	9.00E-05	2.50E-04	2.00E-04	1.60E-04	8.00E-05	1.00E-05
375900.00	3754500.00	0.00E+00	2.10E-04	4.40E-04	2.50E-04	1.40E-04	7.00E-05	5.00E-05	2.00E-05	1.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00
375900.00	3757500.00	2.00E-05	1.09E-03	2.23E-03	1.52E-03	1.27E-03	6.30E-04	2.70E-04	9.00E-05	9.00E-05	2.40E-04	1.90E-04	1.60E-04	7.00E-05	1.00E-05
375900.00	3758500.00	1.00E-05	1.66E-03	2.99E-03	1.92E-03	1.69E-03	8.00E-04	4.00E-04	1.60E-04	8.00E-05	2.20E-04	1.80E-04	1.50E-04	7.00E-05	1.00E-05
375900.00	3759500.00	1.00E-05	1.07E-03	1.66E-03	8.30E-04	5.90E-04	2.70E-04	2.50E-04	1.00E-04	4.00E-05	1.00E-04	8.00E-05	6.00E-05	3.00E-05	0.00E+00
376900.00	3753500.00	0.00E+00	1.50E-04	3.00E-04	1.70E-04	9.00E-05	4.00E-05	3.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
376900.00	3754500.00	0.00E+00	1.70E-04	3.60E-04	2.00E-04	1.20E-04	5.00E-05	4.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
376900.00	3757500.00	1.00E-05	7.90E-04	1.58E-03	1.00E-03	7.60E-04	3.70E-04	1.90E-04	7.00E-05	5.00E-05	1.40E-04	1.20E-04	9.00E-05	4.00E-05	1.00E-05
376900.00	3763500.00	0.00E+00	1.60E-04	2.60E-04	1.30E-04	8.00E-05	4.00E-05	4.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
377900.00	3758500.00	1.00E-05	8.70E-04	1.58E-03	9.80E-04	7.90E-04	3.80E-04	2.10E-04	8.00E-05	5.00E-05	1.30E-04	1.00E-04	8.00E-05	4.00E-05	1.00E-05
378900.00	3754500.00	0.00E+00	1.10E-04	2.40E-04	1.30E-04	7.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
378900.00	3761500.00	0.00E+00	3.80E-04	6.20E-04	3.20E-04	2.20E-04	1.00E-04	9.00E-05	4.00E-05	1.00E-05	4.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00
379900.00	3753500.00	0.00E+00	9.00E-05	1.90E-04	1.10E-04	6.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
379900.00	3758500.00	1.00E-05	5.70E-04	1.04E-03	6.40E-04	4.90E-04	2.30E-04	1.40E-04	5.00E-05	3.00E-05	8.00E-05	7.00E-05	5.00E-05	3.00E-05	0.00E+00
380900.00	3764500.00	0.00E+00	1.30E-04	2.30E-04	1.20E-04	8.00E-05	4.00E-05	3.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
381900.00	3753500.00	0.00E+00	7.00E-05	1.40E-04	7.00E-05	4.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381900.00	3758500.00	1.00E-05	4.00E-04	7.20E-04	4.30E-04	3.20E-04	1.50E-04	1.00E-04	4.00E-05	2.00E-05	5.00E-05	5.00E-05	4.00E-05	2.00E-05	0.00E+00
383900.00	3758500.00	0.00E+00	2.90E-04	5.30E-04	3.10E-04	2.20E-04	1.10E-04	7.00E-05	3.00E-05	1.00E-05	4.00E-05	3.00E-05	3.00E-05	1.00E-05	0.00E+00
383900.00	3759500.00	0.00E+00	3.60E-04	6.30E-04	3.70E-04	2.80E-04	1.30E-04	9.00E-05	3.00E-05	2.00E-05	5.00E-05	4.00E-05	3.00E-05	1.00E-05	0.00E+00
383900.00	3760500.00	0.00E+00	3.70E-04	6.50E-04	3.70E-04	2.80E-04	1.30E-04	9.00E-05	3.00E-05	2.00E-05	5.00E-05	4.00E-05	3.00E-05	1.00E-05	0.00E+00
383900.00	3761500.00	0.00E+00	3.60E-04	6.10E-04	3.40E-04	2.40E-04	1.20E-04	9.00E-05	3.00E-05	2.00E-05	4.00E-05	3.00E-05	3.00E-05	1.00E-05	0.00E+00





























LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Emissions Source: Gasoline Exhaust (G003) , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Year Average Day , with Mitigation

UTM_X	UTM_Y	2017_M	2018_M	2019_M	2020_M	2021_M	2022_M	2023_M	2024_M	2025_M	2026_M	2027_M	2028_M	2029_M	2030_M
373241.00	3757983.00	3.00E-05	7.05E-03	1.01E-02	5.42E-03	4.93E-03	2.15E-03	1.65E-03	7.00E-04	2.10E-04	5.70E-04	4.70E-04	3.80E-04	1.80E-04	2.00E-05
373247.31	3756833.85	5.00E-05	1.78E-03	4.44E-03	3.42E-03	2.81E-03	1.44E-03	4.10E-04	1.30E-04	3.00E-04	8.20E-04	6.60E-04	5.40E-04	2.60E-04	3.00E-05
373250.82	3756654.89	7.00E-05	1.49E-03	3.55E-03	2.47E-03	1.85E-03	9.30E-04	3.40E-04	1.10E-04	1.50E-04	4.10E-04	3.40E-04	2.70E-04	1.30E-04	2.00E-05
373258.92	3755458.54	2.00E-05	6.20E-04	1.30E-03	1.00E-03	4.50E-04	2.10E-04	1.30E-04	5.00E-05	3.00E-05	7.00E-05	6.00E-05	5.00E-05	2.00E-05	0.00E+00
373278.35	3755647.97	3.00E-05	6.70E-04	1.41E-03	1.14E-03	5.20E-04	2.50E-04	1.40E-04	5.00E-05	3.00E-05	8.00E-05	7.00E-05	6.00E-05	3.00E-05	0.00E+00
373341.00	3757783.00	4.00E-05	6.32E-03	1.65E-02	2.06E-02	2.80E-02	1.24E-02	1.58E-03	6.30E-04	2.70E-04	7.40E-04	6.10E-04	4.90E-04	2.30E-04	3.00E-05
373341.00	3757883.00	3.00E-05	6.54E-03	1.23E-02	9.38E-03	9.84E-03	4.24E-03	1.57E-03	6.50E-04	2.40E-04	6.40E-04	5.30E-04	4.30E-04	2.00E-04	3.00E-05
373341.00	3757983.00	3.00E-05	6.43E-03	9.90E-03	5.79E-03	5.42E-03	2.39E-03	1.52E-03	6.40E-04	2.10E-04	5.60E-04	4.60E-04	3.70E-04	1.70E-04	2.00E-05
373441.00	3757083.00	5.00E-05	2.14E-03	5.62E-03	5.24E-03	5.21E-03	4.28E-03	5.50E-04	1.60E-04	1.53E-03	4.20E-03	3.39E-03	2.79E-03	1.31E-03	1.70E-04
373441.00	3757183.00	5.00E-05	2.46E-03	7.89E-03	9.39E-03	1.05E-02	8.60E-03	7.30E-04	1.90E-04	3.08E-03	8.43E-03	6.81E-03	5.61E-03	2.64E-03	3.50E-04
373441.00	3757283.00	5.00E-05	2.85E-03	1.05E-02	2.30E-02	3.60E-02	2.58E-02	9.50E-04	2.40E-04	1.89E-03	5.18E-03	4.19E-03	3.44E-03	1.62E-03	2.20E-04
373441.00	3757383.00	5.00E-05	3.36E-03	1.53E-02	3.14E-02	4.00E-02	2.23E-02	1.16E-03	3.00E-04	9.50E-04	2.60E-03	2.10E-03	1.73E-03	8.10E-04	1.10E-04
373441.00	3757483.00	5.00E-05	4.00E-03	2.06E-02	3.75E-02	4.39E-02	1.86E-02	1.29E-03	3.70E-04	5.80E-04	1.58E-03	1.28E-03	1.05E-03	4.90E-04	7.00E-05
373900.00	3759500.00	1.00E-05	9.50E-04	1.47E-03	7.20E-04	4.80E-04	2.20E-04	2.10E-04	9.00E-05	3.00E-05	8.00E-05	6.00E-05	5.00E-05	2.00E-05	0.00E+00
373900.00	3762500.00	0.00E+00	1.30E-04	2.10E-04	1.10E-04	7.00E-05	3.00E-05	3.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
373900.00	3763500.00	0.00E+00	9.00E-05	1.60E-04	9.00E-05	6.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
374900.00	3753500.00	0.00E+00	2.30E-04	5.00E-04	2.90E-04	1.50E-04	7.00E-05	5.00E-05	2.00E-05	1.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00
374900.00	3758500.00	2.00E-05	2.33E-03	3.88E-03	2.32E-03	2.04E-03	9.40E-04	5.60E-04	2.20E-04	9.00E-05	2.50E-04	2.00E-04	1.60E-04	8.00E-05	1.00E-05
375900.00	3754500.00	0.00E+00	2.10E-04	4.40E-04	2.50E-04	1.40E-04	7.00E-05	5.00E-05	2.00E-05	1.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00
375900.00	3757500.00	2.00E-05	1.09E-03	2.23E-03	1.52E-03	1.27E-03	6.30E-04	2.70E-04	9.00E-05	9.00E-05	2.40E-04	1.90E-04	1.60E-04	7.00E-05	1.00E-05
375900.00	3758500.00	1.00E-05	1.66E-03	2.99E-03	1.92E-03	1.69E-03	8.00E-04	4.00E-04	1.60E-04	8.00E-05	2.20E-04	1.80E-04	1.50E-04	7.00E-05	1.00E-05
375900.00	3759500.00	1.00E-05	1.07E-03	1.66E-03	8.30E-04	5.90E-04	2.70E-04	2.50E-04	1.00E-04	4.00E-05	1.00E-04	8.00E-05	6.00E-05	3.00E-05	0.00E+00
376900.00	3753500.00	0.00E+00	1.50E-04	3.00E-04	1.70E-04	9.00E-05	4.00E-05	3.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
376900.00	3754500.00	0.00E+00	1.70E-04	3.60E-04	2.00E-04	1.20E-04	5.00E-05	4.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
376900.00	3757500.00	1.00E-05	7.90E-04	1.58E-03	1.00E-03	7.60E-04	3.70E-04	1.90E-04	7.00E-05	5.00E-05	1.40E-04	1.20E-04	9.00E-05	4.00E-05	1.00E-05
376900.00	3763500.00	0.00E+00	1.60E-04	2.60E-04	1.30E-04	8.00E-05	4.00E-05	4.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
377900.00	3758500.00	1.00E-05	8.70E-04	1.58E-03	9.80E-04	7.90E-04	3.80E-04	2.10E-04	8.00E-05	5.00E-05	1.30E-04	1.00E-04	8.00E-05	4.00E-05	1.00E-05
378900.00	3754500.00	0.00E+00	1.10E-04	2.40E-04	1.30E-04	7.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
378900.00	3761500.00	0.00E+00	3.80E-04	6.20E-04	3.20E-04	2.20E-04	1.00E-04	9.00E-05	4.00E-05	1.00E-05	4.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00
379900.00	3753500.00	0.00E+00	9.00E-05	1.90E-04	1.10E-04	6.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
379900.00	3758500.00	1.00E-05	5.70E-04	1.04E-03	6.40E-04	4.90E-04	2.30E-04	1.40E-04	5.00E-05	3.00E-05	8.00E-05	7.00E-05	5.00E-05	3.00E-05	0.00E+00
380900.00	3764500.00	0.00E+00	1.30E-04	2.30E-04	1.20E-04	8.00E-05	4.00E-05	3.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
381900.00	3753500.00	0.00E+00	7.00E-05	1.40E-04	7.00E-05	4.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381900.00	3758500.00	1.00E-05	4.00E-04	7.20E-04	4.30E-04	3.20E-04	1.50E-04	1.00E-04	4.00E-05	2.00E-05	5.00E-05	5.00E-05	4.00E-05	2.00E-05	0.00E+00
383900.00	3758500.00	0.00E+00	2.90E-04	5.30E-04	3.10E-04	2.20E-04	1.10E-04	7.00E-05	3.00E-05	1.00E-05	4.00E-05	3.00E-05	3.00E-05	1.00E-05	0.00E+00
383900.00	3759500.00	0.00E+00	3.60E-04	6.30E-04	3.70E-04	2.80E-04	1.30E-04	9.00E-05	3.00E-05	2.00E-05	5.00E-05	4.00E-05	3.00E-05	1.00E-05	0.00E+00
383900.00	3760500.00	0.00E+00	3.70E-04	6.50E-04	3.70E-04	2.80E-04	1.30E-04	9.00E-05	3.00E-05	2.00E-05	5.00E-05	4.00E-05	3.00E-05	1.00E-05	0.00E+00
383900.00	3761500.00	0.00E+00	3.60E-04	6.10E-04	3.40E-04	2.40E-04	1.20E-04	9.00E-05	3.00E-05	2.00E-05	4.00E-05	3.00E-05	3.00E-05	1.00E-05	0.00E+00





























LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: ROG , Emissions Source: Paving Evaporation (G004) , Units: ug/m3 , Concentrations, Emissions Averaging: Peak Year Average Day , without Mitigation (no practical mitigation)

UTM X	UTM Y	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
373241.00	3757983.00	1.30E-04	6.11E-03	1.96E-02	4.28E-02	6.37E-02	1.58E-02	0.00E+00	7.67E-03	2.50E-04	2.73E-03	6.66E-03	4.10E-04	2.60E-04	4.00E-05
373247.31	3756833.85	8.50E-04	2.17E-03	3.44E-02	1.82E-02	6.29E-03	2.41E-02	0.00E+00	1.46E-03	3.20E-04	2.99E-03	3.88E-03	5.20E-04	3.30E-04	5.00E-05
373250.82	3756654.89	2.03E-03	2.89E-03	2.02E-02	1.18E-02	4.75E-03	1.48E-02	0.00E+00	1.27E-03	1.70E-04	1.63E-03	2.47E-03	2.80E-04	1.70E-04	3.00E-05
373258.92	3755458.54	6.50E-04	1.19E-03	3.57E-03	2.12E-02	1.39E-03	3.96E-03	0.00E+00	5.90E-04	3.00E-05	3.20E-04	9.10E-04	5.00E-05	3.00E-05	0.00E+00
373278.35	3755647.97	1.24E-03	1.76E-03	4.23E-03	2.73E-02	1.60E-03	4.57E-03	0.00E+00	6.50E-04	3.00E-05	3.80E-04	9.80E-04	6.00E-05	4.00E-05	1.00E-05
373341.00	3757783.00	1.60E-04	5.90E-03	2.78E-02	3.82E-02	1.10E+00	6.24E-02	0.00E+00	7.64E-03	3.30E-04	3.44E-03	7.43E-03	5.30E-04	3.40E-04	5.00E-05
373341.00	3757883.00	1.40E-04	5.93E-03	2.31E-02	4.10E-02	1.52E-01	2.59E-02	0.00E+00	7.60E-03	2.90E-04	3.06E-03	6.99E-03	4.70E-04	3.00E-04	4.00E-05
373341.00	3757983.00	1.30E-04	5.75E-03	1.89E-02	3.75E-02	6.27E-02	1.66E-02	0.00E+00	7.08E-03	2.50E-04	2.65E-03	6.40E-03	4.00E-04	2.50E-04	4.00E-05
373441.00	3757083.00	4.50E-04	2.35E-03	8.43E-02	3.83E-02	8.50E-03	2.73E-01	0.00E+00	1.74E-03	1.66E-03	1.47E-02	1.35E-02	2.66E-03	1.69E-03	2.60E-04
373441.00	3757183.00	3.70E-04	2.70E-03	1.75E-01	1.23E-01	1.12E-02	3.89E-01	0.00E+00	2.17E-03	4.26E-03	3.76E-02	3.16E-02	6.86E-03	4.36E-03	6.60E-04
373441.00	3757283.00	3.00E-04	3.17E-03	1.67E-01	1.27E-01	1.51E-02	4.55E-01	0.00E+00	2.81E-03	2.44E-03	2.17E-02	1.98E-02	3.93E-03	2.49E-03	3.80E-04
373441.00	3757383.00	2.60E-04	3.71E-03	7.61E-02	5.26E-02	2.06E-02	4.23E-01	0.00E+00	3.66E-03	1.04E-03	9.49E-03	1.09E-02	1.67E-03	1.06E-03	1.60E-04
373441.00	3757483.00	2.30E-04	4.29E-03	4.67E-02	3.88E-02	2.82E-02	3.73E-01	0.00E+00	4.65E-03	6.00E-04	5.65E-03	8.31E-03	9.60E-04	6.10E-04	9.00E-05
373900.00	3759500.00	5.00E-05	9.00E-04	2.43E-03	2.44E-03	1.62E-03	2.30E-03	0.00E+00	6.40E-04	3.00E-05	3.60E-04	1.04E-03	5.00E-05	3.00E-05	0.00E+00
373900.00	3762500.00	1.00E-05	1.90E-04	4.90E-04	4.30E-04	2.40E-04	4.70E-04	0.00E+00	9.00E-05	1.00E-05	6.00E-05	1.80E-04	1.00E-05	1.00E-05	0.00E+00
373900.00	3763500.00	1.00E-05	1.30E-04	3.20E-04	3.40E-04	1.90E-04	3.80E-04	0.00E+00	1.00E-04	0.00E+00	5.00E-05	1.90E-04	1.00E-05	0.00E+00	0.00E+00
374900.00	3753500.00	4.00E-05	2.60E-04	9.20E-04	9.30E-04	4.30E-04	1.03E-03	0.00E+00	1.90E-04	1.00E-05	1.00E-04	3.30E-04	1.00E-05	1.00E-05	0.00E+00
374900.00	3758500.00	9.00E-05	2.41E-03	7.03E-03	8.41E-03	7.83E-03	6.94E-03	0.00E+00	2.20E-03	1.00E-04	1.11E-03	2.85E-03	1.60E-04	1.00E-04	2.00E-05
375900.00	3754500.00	4.00E-05	2.50E-04	1.03E-03	9.90E-04	4.70E-04	1.07E-03	0.00E+00	2.00E-04	1.00E-05	1.00E-04	3.00E-04	1.00E-05	1.00E-05	0.00E+00
375900.00	3757500.00	3.60E-04	1.31E-03	6.75E-03	4.83E-03	2.00E-03	7.61E-03	0.00E+00	8.00E-04	1.10E-04	1.05E-03	1.88E-03	1.70E-04	1.10E-04	2.00E-05
375900.00	3758500.00	1.10E-04	1.91E-03	6.94E-03	6.82E-03	5.45E-03	7.45E-03	0.00E+00	1.64E-03	1.00E-04	1.03E-03	2.48E-03	1.50E-04	1.00E-04	1.00E-05
375900.00	3759500.00	6.00E-05	1.25E-03	2.88E-03	3.11E-03	2.00E-03	2.55E-03	0.00E+00	9.20E-04	4.00E-05	4.50E-04	1.44E-03	6.00E-05	4.00E-05	1.00E-05
376900.00	3753500.00	2.00E-05	1.80E-04	6.60E-04	6.30E-04	3.00E-04	7.00E-04	0.00E+00	1.40E-04	1.00E-05	6.00E-05	2.10E-04	1.00E-05	1.00E-05	0.00E+00
376900.00	3754500.00	3.00E-05	2.00E-04	7.40E-04	7.50E-04	3.90E-04	8.30E-04	0.00E+00	1.50E-04	1.00E-05	7.00E-05	2.40E-04	1.00E-05	1.00E-05	0.00E+00
376900.00	3757500.00	3.10E-04	1.01E-03	4.12E-03	3.19E-03	1.25E-03	4.76E-03	0.00E+00	5.70E-04	6.00E-05	6.20E-04	1.28E-03	1.00E-04	6.00E-05	1.00E-05
376900.00	3763500.00	1.00E-05	1.80E-04	4.40E-04	4.30E-04	2.30E-04	4.60E-04	0.00E+00	1.20E-04	0.00E+00	6.00E-05	2.10E-04	1.00E-05	1.00E-05	0.00E+00
377900.00	3758500.00	1.40E-04	1.14E-03	4.24E-03	3.67E-03	2.28E-03	4.56E-03	0.00E+00	8.40E-04	6.00E-05	6.30E-04	1.49E-03	9.00E-05	6.00E-05	1.00E-05
378900.00	3754500.00	2.00E-05	1.20E-04	3.80E-04	4.00E-04	2.10E-04	4.20E-04	0.00E+00	8.00E-05	0.00E+00	4.00E-05	1.40E-04	1.00E-05	0.00E+00	0.00E+00
378900.00	3761500.00	3.00E-05	4.30E-04	9.90E-04	9.90E-04	5.80E-04	9.50E-04	0.00E+00	2.90E-04	1.00E-05	1.70E-04	5.20E-04	2.00E-05	1.00E-05	0.00E+00
379900.00	3753500.00	1.00E-05	1.10E-04	3.70E-04	3.50E-04	1.80E-04	4.00E-04	0.00E+00	8.00E-05	0.00E+00	4.00E-05	1.40E-04	0.00E+00	0.00E+00	0.00E+00
379900.00	3758500.00	1.30E-04	7.70E-04	2.59E-03	2.28E-03	1.22E-03	2.89E-03	0.00E+00	5.10E-04	4.00E-05	4.00E-04	9.80E-04	6.00E-05	4.00E-05	1.00E-05
380900.00	3764500.00	1.00E-05	1.50E-04	4.20E-04	3.80E-04	2.00E-04	4.20E-04	0.00E+00	1.00E-04	1.00E-05	6.00E-05	1.80E-04	1.00E-05	1.00E-05	0.00E+00
381900.00	3753500.00	1.00E-05	7.00E-05	2.30E-04	2.30E-04	1.20E-04	2.50E-04	0.00E+00	5.00E-05	0.00E+00	2.00E-05	9.00E-05	0.00E+00	0.00E+00	0.00E+00
381900.00	3758500.00	1.00E-04	5.10E-04	1.68E-03	1.50E-03	7.30E-04	1.90E-03	0.00E+00	3.20E-04	3.00E-05	2.70E-04	6.50E-04	4.00E-05	3.00E-05	0.00E+00
383900.00	3758500.00	8.00E-05	3.70E-04	1.15E-03	1.05E-03	4.90E-04	1.31E-03	0.00E+00	2.20E-04	2.00E-05	1.90E-04	4.60E-04	3.00E-05	2.00E-05	0.00E+00
383900.00	3759500.00	8.00E-05	4.80E-04	1.46E-03	1.34E-03	7.40E-04	1.58E-03	0.00E+00	3.20E-04	2.00E-05	2.30E-04	6.00E-04	3.00E-05	2.00E-05	0.00E+00
383900.00	3760500.00	6.00E-05	4.90E-04	1.46E-03	1.35E-03	7.70E-04	1.56E-03	0.00E+00	3.30E-04	2.00E-05	2.30E-04	6.10E-04	3.00E-05	2.00E-05	0.00E+00
383900.00	3761500.00	4.00E-05	4.40E-04	1.20E-03	1.14E-03	6.60E-04	1.22E-03	0.00E+00	3.00E-04	2.00E-05	1.90E-04	5.40E-04	3.00E-05	2.00E-05	0.00E+00

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## Attachment F.3

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### Construction Concentrations– Toxic Air Contaminants

- Annual PM10 Inputs



























Pollutant: PM10 , Concentrations, Emissions Source: Brake Wear (G001) , Units: ug/m3 , Emissions Averaging: Peak Year Average Day , without Mitigation (no practical mitigation)

UTM X	UTM Y	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
373900.00	3763500.00	0.00E+00	9.00E-05	1.90E-04	1.10E-04	8.00E-05	4.00E-05	4.00E-05	2.00E-05	1.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00
374900.00	3753500.00	0.00E+00	2.10E-04	5.70E-04	3.60E-04	2.10E-04	1.00E-04	8.00E-05	3.00E-05	1.00E-05	4.00E-05	3.00E-05	3.00E-05	1.00E-05	0.00E+00
374900.00	3758500.00	1.00E-05	2.41E-03	4.68E-03	2.64E-03	2.45E-03	1.16E-03	1.08E-03	4.70E-04	1.50E-04	4.90E-04	4.30E-04	3.50E-04	1.80E-04	3.00E-05
375900.00	3754500.00	0.00E+00	2.00E-04	4.90E-04	2.90E-04	1.70E-04	8.00E-05	8.00E-05	3.00E-05	1.00E-05	4.00E-05	4.00E-05	3.00E-05	1.00E-05	0.00E+00
375900.00	3757500.00	1.00E-05	1.01E-03	2.54E-03	1.74E-03	1.56E-03	8.20E-04	4.50E-04	1.70E-04	1.50E-04	5.20E-04	4.50E-04	3.70E-04	1.90E-04	3.00E-05
375900.00	3758500.00	1.00E-05	1.67E-03	3.63E-03	2.30E-03	2.24E-03	1.09E-03	7.60E-04	3.20E-04	1.40E-04	4.70E-04	4.10E-04	3.30E-04	1.70E-04	2.00E-05
375900.00	3759500.00	0.00E+00	9.90E-04	1.81E-03	9.10E-04	6.80E-04	3.20E-04	4.30E-04	1.90E-04	6.00E-05	1.80E-04	1.60E-04	1.30E-04	7.00E-05	1.00E-05
376900.00	3753500.00	0.00E+00	1.50E-04	3.50E-04	2.00E-04	1.10E-04	5.00E-05	6.00E-05	2.00E-05	1.00E-05	3.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00
376900.00	3754500.00	0.00E+00	1.50E-04	3.80E-04	2.40E-04	1.50E-04	7.00E-05	6.00E-05	2.00E-05	1.00E-05	3.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00
376900.00	3757500.00	1.00E-05	7.30E-04	1.79E-03	1.14E-03	9.20E-04	4.70E-04	3.20E-04	1.20E-04	9.00E-05	2.90E-04	2.60E-04	2.10E-04	1.10E-04	2.00E-05
376900.00	3763500.00	0.00E+00	1.50E-04	3.10E-04	1.60E-04	9.00E-05	4.00E-05	6.00E-05	3.00E-05	1.00E-05	2.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00
377900.00	3758500.00	1.00E-05	9.00E-04	1.92E-03	1.20E-03	1.07E-03	5.40E-04	4.10E-04	1.70E-04	9.00E-05	2.80E-04	2.50E-04	2.00E-04	1.00E-04	1.00E-05
378900.00	3754500.00	0.00E+00	1.10E-04	2.80E-04	1.60E-04	9.00E-05	4.00E-05	4.00E-05	2.00E-05	0.00E+00	2.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00
378900.00	3761500.00	0.00E+00	3.50E-04	6.80E-04	3.50E-04	2.50E-04	1.20E-04	1.50E-04	7.00E-05	2.00E-05	7.00E-05	6.00E-05	5.00E-05	3.00E-05	0.00E+00
379900.00	3753500.00	0.00E+00	8.00E-05	2.00E-04	1.20E-04	7.00E-05	3.00E-05	3.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00
379900.00	3758500.00	1.00E-05	5.80E-04	1.26E-03	7.90E-04	6.80E-04	3.40E-04	2.60E-04	1.10E-04	5.00E-05	1.80E-04	1.60E-04	1.30E-04	7.00E-05	1.00E-05
380900.00	3764500.00	0.00E+00	1.30E-04	2.70E-04	1.50E-04	1.00E-04	5.00E-05	6.00E-05	2.00E-05	1.00E-05	3.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00
381900.00	3753500.00	0.00E+00	6.00E-05	1.60E-04	9.00E-05	5.00E-05	2.00E-05	3.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
381900.00	3758500.00	0.00E+00	3.90E-04	8.60E-04	5.30E-04	4.30E-04	2.20E-04	1.70E-04	7.00E-05	4.00E-05	1.20E-04	1.10E-04	9.00E-05	5.00E-05	1.00E-05
383900.00	3758500.00	0.00E+00	2.80E-04	6.20E-04	3.70E-04	2.90E-04	1.40E-04	1.20E-04	5.00E-05	3.00E-05	8.00E-05	7.00E-05	6.00E-05	3.00E-05	0.00E+00
383900.00	3759500.00	0.00E+00	3.60E-04	7.50E-04	4.50E-04	3.70E-04	1.90E-04	1.70E-04	7.00E-05	3.00E-05	1.00E-04	9.00E-05	7.00E-05	4.00E-05	1.00E-05
383900.00	3760500.00	0.00E+00	3.70E-04	7.70E-04	4.60E-04	3.80E-04	1.90E-04	1.70E-04	7.00E-05	3.00E-05	1.00E-04	9.00E-05	7.00E-05	4.00E-05	1.00E-05
383900.00	3761500.00	0.00E+00	3.60E-04	7.30E-04	4.10E-04	3.10E-04	1.50E-04	1.60E-04	7.00E-05	3.00E-05	8.00E-05	7.00E-05	6.00E-05	3.00E-05	0.00E+00



























Pollutant: PM10 , Concentrations, Emissions Source: Diesel Exhaust (G002) , Units: ug/m3 , Emissions Averaging: Peak Year Average Day , without Mitigation

UTM X	UTM Y	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
373900.00	3763500.00	2.00E-05	5.10E-04	1.69E-03	9.60E-04	3.40E-04	1.60E-04	9.00E-05	2.00E-05	5.00E-05	1.10E-04	9.00E-05	7.00E-05	3.00E-05	0.00E+00
374900.00	3753500.00	6.00E-05	1.49E-03	6.14E-03	3.48E-03	1.05E-03	4.30E-04	2.40E-04	5.00E-05	1.00E-04	2.10E-04	1.80E-04	1.30E-04	6.00E-05	1.00E-05
374900.00	3758500.00	3.30E-04	1.16E-02	3.63E-02	2.24E-02	1.04E-02	5.13E-03	1.85E-03	6.00E-04	1.31E-03	2.79E-03	2.33E-03	1.73E-03	7.80E-04	1.20E-04
375900.00	3754500.00	5.00E-05	1.34E-03	5.19E-03	2.97E-03	9.40E-04	4.10E-04	2.10E-04	5.00E-05	1.00E-04	2.20E-04	1.80E-04	1.30E-04	6.00E-05	1.00E-05
375900.00	3757500.00	3.30E-04	6.20E-03	2.36E-02	1.52E-02	6.27E-03	3.27E-03	1.05E-03	2.60E-04	1.23E-03	2.68E-03	2.21E-03	1.67E-03	7.50E-04	1.20E-04
375900.00	3758500.00	2.80E-04	8.61E-03	2.92E-02	1.86E-02	8.42E-03	4.26E-03	1.40E-03	4.30E-04	1.16E-03	2.50E-03	2.08E-03	1.55E-03	7.00E-04	1.10E-04
375900.00	3759500.00	1.60E-04	5.43E-03	1.65E-02	9.00E-03	3.30E-03	1.53E-03	8.60E-04	2.70E-04	5.10E-04	1.07E-03	9.10E-04	6.70E-04	3.00E-04	5.00E-05
376900.00	3753500.00	3.00E-05	9.30E-04	3.61E-03	2.04E-03	6.30E-04	2.70E-04	1.50E-04	3.00E-05	7.00E-05	1.40E-04	1.20E-04	9.00E-05	4.00E-05	1.00E-05
376900.00	3754500.00	4.00E-05	1.08E-03	4.26E-03	2.43E-03	7.60E-04	3.30E-04	1.70E-04	4.00E-05	8.00E-05	1.60E-04	1.40E-04	1.00E-04	5.00E-05	1.00E-05
376900.00	3757500.00	2.50E-04	4.54E-03	1.72E-02	1.05E-02	3.95E-03	1.96E-03	7.70E-04	1.90E-04	7.30E-04	1.59E-03	1.32E-03	9.90E-04	4.40E-04	7.00E-05
376900.00	3763500.00	3.00E-05	8.70E-04	2.84E-03	1.54E-03	4.90E-04	2.10E-04	1.40E-04	4.00E-05	7.00E-05	1.50E-04	1.30E-04	9.00E-05	4.00E-05	1.00E-05
377900.00	3758500.00	1.90E-04	4.67E-03	1.62E-02	9.99E-03	4.07E-03	2.04E-03	7.80E-04	2.20E-04	6.70E-04	1.44E-03	1.20E-03	8.90E-04	4.00E-04	6.00E-05
378900.00	3754500.00	3.00E-05	6.70E-04	2.88E-03	1.59E-03	4.70E-04	1.90E-04	1.20E-04	2.00E-05	4.00E-05	9.00E-05	8.00E-05	6.00E-05	3.00E-05	0.00E+00
378900.00	3761500.00	7.00E-05	2.00E-03	6.37E-03	3.51E-03	1.23E-03	5.70E-04	3.30E-04	1.00E-04	2.00E-04	4.10E-04	3.50E-04	2.60E-04	1.10E-04	2.00E-05
379900.00	3753500.00	2.00E-05	5.80E-04	2.29E-03	1.29E-03	3.90E-04	1.60E-04	9.00E-05	2.00E-05	4.00E-05	8.00E-05	7.00E-05	5.00E-05	2.00E-05	0.00E+00
379900.00	3758500.00	1.40E-04	3.13E-03	1.10E-02	6.65E-03	2.56E-03	1.25E-03	5.30E-04	1.40E-04	4.30E-04	9.30E-04	7.70E-04	5.80E-04	2.60E-04	4.00E-05
380900.00	3764500.00	3.00E-05	7.20E-04	2.44E-03	1.36E-03	4.70E-04	2.10E-04	1.20E-04	3.00E-05	7.00E-05	1.50E-04	1.30E-04	9.00E-05	4.00E-05	1.00E-05
381900.00	3753500.00	2.00E-05	4.00E-04	1.68E-03	9.20E-04	2.60E-04	1.10E-04	7.00E-05	1.00E-05	3.00E-05	5.00E-05	4.00E-05	3.00E-05	1.00E-05	0.00E+00
381900.00	3758500.00	1.10E-04	2.19E-03	7.77E-03	4.60E-03	1.70E-03	8.20E-04	3.80E-04	1.00E-04	2.90E-04	6.20E-04	5.20E-04	3.90E-04	1.70E-04	3.00E-05
383900.00	3758500.00	8.00E-05	1.62E-03	5.78E-03	3.39E-03	1.21E-03	5.80E-04	2.80E-04	7.00E-05	2.10E-04	4.40E-04	3.70E-04	2.70E-04	1.20E-04	2.00E-05
383900.00	3759500.00	9.00E-05	1.93E-03	6.60E-03	3.90E-03	1.46E-03	7.10E-04	3.30E-04	9.00E-05	2.50E-04	5.30E-04	4.50E-04	3.30E-04	1.50E-04	2.00E-05
383900.00	3760500.00	8.00E-05	1.99E-03	6.73E-03	3.95E-03	1.49E-03	7.20E-04	3.40E-04	1.00E-04	2.50E-04	5.30E-04	4.40E-04	3.30E-04	1.50E-04	2.00E-05
383900.00	3761500.00	7.00E-05	1.89E-03	6.37E-03	3.65E-03	1.34E-03	6.30E-04	3.20E-04	9.00E-05	2.20E-04	4.60E-04	3.80E-04	2.80E-04	1.30E-04	2.00E-05



























Pollutant: PM10 , Concentrations, Emissions Source: Diesel Exhaust (G002) , Units: ug/m3 , Emissions Averaging: Peak Year Average Day , with Mitigation

UTM X	UTM Y	2017_M	2018_M	2019_M	2020_M	2021_M	2022_M	2023_M	2024_M	2025_M	2026_M	2027_M	2028_M	2029_M	2030_M
373900.00	3763500.00	0.00E+00	8.00E-05	2.50E-04	1.40E-04	6.00E-05	3.00E-05	2.00E-05	1.00E-05	2.00E-05	3.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00
374900.00	3753500.00	1.00E-05	2.20E-04	9.10E-04	5.20E-04	1.80E-04	9.00E-05	7.00E-05	2.00E-05	3.00E-05	7.00E-05	6.00E-05	5.00E-05	2.00E-05	0.00E+00
374900.00	3758500.00	4.00E-05	1.73E-03	5.46E-03	3.36E-03	1.62E-03	9.10E-04	5.20E-04	1.80E-04	4.40E-04	9.00E-04	8.30E-04	6.50E-04	3.00E-04	5.00E-05
375900.00	3754500.00	1.00E-05	1.90E-04	7.70E-04	4.40E-04	1.60E-04	8.00E-05	6.00E-05	2.00E-05	4.00E-05	7.00E-05	7.00E-05	5.00E-05	2.00E-05	0.00E+00
375900.00	3757500.00	5.00E-05	9.20E-04	3.54E-03	2.31E-03	1.00E-03	6.00E-04	3.00E-04	8.00E-05	4.20E-04	8.70E-04	7.90E-04	6.30E-04	2.90E-04	5.00E-05
375900.00	3758500.00	4.00E-05	1.28E-03	4.38E-03	2.80E-03	1.33E-03	7.60E-04	3.90E-04	1.30E-04	4.00E-04	8.10E-04	7.40E-04	5.80E-04	2.70E-04	4.00E-05
375900.00	3759500.00	2.00E-05	8.10E-04	2.47E-03	1.35E-03	5.40E-04	2.90E-04	2.40E-04	8.00E-05	1.80E-04	3.50E-04	3.30E-04	2.50E-04	1.20E-04	2.00E-05
376900.00	3753500.00	0.00E+00	1.30E-04	5.30E-04	3.10E-04	1.10E-04	5.00E-05	4.00E-05	1.00E-05	2.00E-05	4.00E-05	4.00E-05	3.00E-05	1.00E-05	0.00E+00
376900.00	3754500.00	1.00E-05	1.60E-04	6.30E-04	3.60E-04	1.30E-04	7.00E-05	5.00E-05	1.00E-05	3.00E-05	5.00E-05	5.00E-05	4.00E-05	2.00E-05	0.00E+00
376900.00	3757500.00	3.00E-05	6.70E-04	2.57E-03	1.59E-03	6.40E-04	3.70E-04	2.20E-04	6.00E-05	2.50E-04	5.10E-04	4.70E-04	3.70E-04	1.70E-04	3.00E-05
376900.00	3763500.00	0.00E+00	1.30E-04	4.20E-04	2.30E-04	8.00E-05	4.00E-05	4.00E-05	1.00E-05	2.00E-05	5.00E-05	5.00E-05	3.00E-05	2.00E-05	0.00E+00
377900.00	3758500.00	3.00E-05	7.00E-04	2.43E-03	1.51E-03	6.50E-04	3.70E-04	2.20E-04	7.00E-05	2.30E-04	4.60E-04	4.30E-04	3.30E-04	1.60E-04	2.00E-05
378900.00	3754500.00	0.00E+00	1.00E-04	4.30E-04	2.40E-04	8.00E-05	4.00E-05	4.00E-05	1.00E-05	2.00E-05	3.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00
378900.00	3761500.00	1.00E-05	3.00E-04	9.50E-04	5.30E-04	2.00E-04	1.10E-04	9.00E-05	3.00E-05	7.00E-05	1.30E-04	1.20E-04	1.00E-04	4.00E-05	1.00E-05
379900.00	3753500.00	0.00E+00	8.00E-05	3.40E-04	1.90E-04	7.00E-05	3.00E-05	3.00E-05	1.00E-05	1.00E-05	2.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00
379900.00	3758500.00	2.00E-05	4.70E-04	1.65E-03	1.00E-03	4.10E-04	2.30E-04	1.50E-04	4.00E-05	1.50E-04	3.00E-04	2.80E-04	2.20E-04	1.00E-04	2.00E-05
380900.00	3764500.00	0.00E+00	1.10E-04	3.70E-04	2.00E-04	8.00E-05	4.00E-05	3.00E-05	1.00E-05	2.00E-05	5.00E-05	5.00E-05	4.00E-05	2.00E-05	0.00E+00
381900.00	3753500.00	0.00E+00	6.00E-05	2.50E-04	1.40E-04	5.00E-05	2.00E-05	2.00E-05	0.00E+00	1.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00
381900.00	3758500.00	1.00E-05	3.30E-04	1.16E-03	7.00E-04	2.80E-04	1.50E-04	1.10E-04	3.00E-05	1.00E-04	2.00E-04	1.90E-04	1.40E-04	7.00E-05	1.00E-05
383900.00	3758500.00	1.00E-05	2.40E-04	8.60E-04	5.10E-04	2.00E-04	1.10E-04	8.00E-05	2.00E-05	7.00E-05	1.40E-04	1.30E-04	1.00E-04	5.00E-05	1.00E-05
383900.00	3759500.00	1.00E-05	2.90E-04	9.90E-04	5.90E-04	2.40E-04	1.30E-04	9.00E-05	3.00E-05	9.00E-05	1.70E-04	1.60E-04	1.20E-04	6.00E-05	1.00E-05
383900.00	3760500.00	1.00E-05	3.00E-04	1.01E-03	6.00E-04	2.40E-04	1.30E-04	1.00E-04	3.00E-05	9.00E-05	1.70E-04	1.60E-04	1.20E-04	6.00E-05	1.00E-05
383900.00	3761500.00	1.00E-05	2.80E-04	9.50E-04	5.50E-04	2.20E-04	1.20E-04	9.00E-05	3.00E-05	7.00E-05	1.50E-04	1.40E-04	1.10E-04	5.00E-05	1.00E-05



LAX Landside Access Modernization Program Project, 2016 Draft EIR

Pollutant: PM10, Concentrations, Emissions Source: Fugitive Dust (G003), Units: ug/m3, Emissions Averaging: Peak Year Average Day, without Mitigation (no practical mitigation)

Table with columns UTM X, UTM Y, and years 2017-2030. It contains numerical data for PM10 concentrations at various locations.























Pollutant: PM10 , Concentrations, Emissions Source: Fugitive Dust (G003) , Units: ug/m3 , Emissions Averaging: Peak Year Average Day , without Mitigation (no practical mitigation)

UTM X	UTM Y	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
373900.00	3763500.00	9.00E-05	1.13E-03	2.20E-03	2.25E-03	1.71E-03	1.18E-03	7.90E-04	5.30E-04	3.70E-04	2.90E-04	3.40E-04	1.40E-04	3.00E-05	0.00E+00
374900.00	3753500.00	2.90E-04	2.70E-03	6.17E-03	5.86E-03	4.27E-03	2.96E-03	1.78E-03	1.11E-03	6.80E-04	5.40E-04	6.10E-04	2.70E-04	6.00E-05	1.00E-05
374900.00	3758500.00	1.58E-03	3.28E-02	6.51E-02	7.30E-02	5.53E-02	3.42E-02	2.48E-02	1.56E-02	7.82E-03	6.69E-03	6.67E-03	3.63E-03	7.80E-04	1.20E-04
375900.00	3754500.00	2.60E-04	2.35E-03	5.07E-03	4.55E-03	3.35E-03	2.54E-03	1.32E-03	8.70E-04	6.60E-04	5.70E-04	6.10E-04	3.00E-04	6.00E-05	1.00E-05
375900.00	3757500.00	2.30E-03	1.90E-02	4.09E-02	4.44E-02	3.33E-02	2.58E-02	1.47E-02	8.63E-03	6.66E-03	6.73E-03	5.99E-03	3.83E-03	8.30E-04	1.30E-04
375900.00	3758500.00	1.50E-03	2.70E-02	5.80E-02	6.67E-02	5.05E-02	3.35E-02	2.24E-02	1.39E-02	7.20E-03	6.28E-03	6.12E-03	3.44E-03	7.40E-04	1.10E-04
375900.00	3759500.00	6.30E-04	1.20E-02	2.05E-02	1.98E-02	1.47E-02	9.39E-03	6.85E-03	4.64E-03	3.13E-03	2.61E-03	2.84E-03	1.35E-03	2.90E-04	4.00E-05
376900.00	3753500.00	1.60E-04	1.56E-03	3.30E-03	2.84E-03	2.10E-03	1.57E-03	8.50E-04	5.60E-04	4.30E-04	3.60E-04	4.00E-04	1.90E-04	4.00E-05	1.00E-05
376900.00	3754500.00	1.90E-04	1.93E-03	4.44E-03	4.39E-03	3.28E-03	2.37E-03	1.33E-03	8.60E-04	5.20E-04	4.10E-04	4.60E-04	2.10E-04	5.00E-05	1.00E-05
376900.00	3757500.00	1.80E-03	1.25E-02	2.51E-02	2.60E-02	1.92E-02	1.45E-02	8.48E-03	5.04E-03	3.96E-03	3.87E-03	3.59E-03	2.17E-03	4.70E-04	7.00E-05
376900.00	3763500.00	1.20E-04	1.67E-03	2.87E-03	2.40E-03	1.78E-03	1.22E-03	8.30E-04	5.30E-04	4.20E-04	3.50E-04	3.90E-04	1.80E-04	4.00E-05	1.00E-05
377900.00	3758500.00	1.11E-03	1.42E-02	2.90E-02	3.16E-02	2.38E-02	1.68E-02	1.07E-02	6.63E-03	4.21E-03	3.82E-03	3.71E-03	2.10E-03	4.50E-04	7.00E-05
378900.00	3754500.00	1.30E-04	1.20E-03	2.74E-03	2.55E-03	1.82E-03	1.25E-03	8.20E-04	4.80E-04	2.90E-04	2.30E-04	2.60E-04	1.20E-04	3.00E-05	0.00E+00
378900.00	3761500.00	2.80E-04	4.34E-03	7.54E-03	7.29E-03	5.32E-03	3.44E-03	2.53E-03	1.63E-03	1.16E-03	9.90E-04	1.05E-03	5.20E-04	1.10E-04	2.00E-05
379900.00	3753500.00	8.00E-05	9.30E-04	2.04E-03	1.87E-03	1.40E-03	9.80E-04	5.50E-04	3.70E-04	2.60E-04	2.10E-04	2.40E-04	1.00E-04	2.00E-05	0.00E+00
379900.00	3758500.00	9.20E-04	9.27E-03	1.83E-02	1.98E-02	1.47E-02	1.03E-02	6.60E-03	4.07E-03	2.70E-03	2.45E-03	2.40E-03	1.34E-03	2.90E-04	4.00E-05
380900.00	3764500.00	1.20E-04	1.58E-03	3.02E-03	2.91E-03	2.14E-03	1.46E-03	1.02E-03	6.20E-04	4.40E-04	3.80E-04	3.90E-04	2.00E-04	4.00E-05	1.00E-05
381900.00	3753500.00	7.00E-05	6.70E-04	1.48E-03	1.31E-03	9.50E-04	6.60E-04	4.20E-04	2.50E-04	1.70E-04	1.30E-04	1.50E-04	7.00E-05	1.00E-05	0.00E+00
381900.00	3758500.00	6.80E-04	6.14E-03	1.17E-02	1.24E-02	9.08E-03	6.41E-03	4.10E-03	2.50E-03	1.79E-03	1.65E-03	1.60E-03	9.00E-04	1.90E-04	3.00E-05
383900.00	3758500.00	5.00E-04	4.28E-03	7.99E-03	8.24E-03	6.01E-03	4.23E-03	2.73E-03	1.66E-03	1.23E-03	1.13E-03	1.11E-03	6.20E-04	1.30E-04	2.00E-05
383900.00	3759500.00	5.20E-04	5.50E-03	1.03E-02	1.09E-02	8.03E-03	5.55E-03	3.67E-03	2.29E-03	1.56E-03	1.40E-03	1.40E-03	7.60E-04	1.60E-04	3.00E-05
383900.00	3760500.00	4.50E-04	5.53E-03	1.04E-02	1.10E-02	8.13E-03	5.57E-03	3.71E-03	2.33E-03	1.57E-03	1.40E-03	1.41E-03	7.50E-04	1.60E-04	2.00E-05
383900.00	3761500.00	3.60E-04	4.76E-03	8.89E-03	8.92E-03	6.54E-03	4.39E-03	3.06E-03	1.91E-03	1.30E-03	1.14E-03	1.17E-03	6.10E-04	1.30E-04	2.00E-05



























Pollutant: PM10 , Concentrations, Emissions Source: Gasoline Exhaust (G004) , Units: ug/m3 , Emissions Averaging: Peak Year Average Day , without Mitigation

UTM X	UTM Y	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
373900.00	3763500.00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00								
374900.00	3753500.00	0.00E+00	2.00E-05	4.00E-05	3.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00						
374900.00	3758500.00	0.00E+00	1.70E-04	3.30E-04	1.90E-04	1.80E-04	8.00E-05	6.00E-05	3.00E-05	1.00E-05	3.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00
375900.00	3754500.00	0.00E+00	2.00E-05	4.00E-05	2.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00						
375900.00	3757500.00	0.00E+00	8.00E-05	1.90E-04	1.30E-04	1.10E-04	6.00E-05	3.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00
375900.00	3758500.00	0.00E+00	1.20E-04	2.50E-04	1.60E-04	1.50E-04	7.00E-05	5.00E-05	2.00E-05	1.00E-05	3.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00
375900.00	3759500.00	0.00E+00	8.00E-05	1.40E-04	7.00E-05	5.00E-05	2.00E-05	3.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
376900.00	3753500.00	0.00E+00	1.00E-05	3.00E-05	1.00E-05	1.00E-05	0.00E+00								
376900.00	3754500.00	0.00E+00	1.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00								
376900.00	3757500.00	0.00E+00	6.00E-05	1.30E-04	8.00E-05	7.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00
376900.00	3763500.00	0.00E+00	1.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00								
377900.00	3758500.00	0.00E+00	6.00E-05	1.30E-04	8.00E-05	7.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	2.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00
378900.00	3754500.00	0.00E+00	1.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00								
378900.00	3761500.00	0.00E+00	3.00E-05	5.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00						
379900.00	3753500.00	0.00E+00	1.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00								
379900.00	3758500.00	0.00E+00	4.00E-05	9.00E-05	5.00E-05	4.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
380900.00	3764500.00	0.00E+00	1.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00								
381900.00	3753500.00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	0.00E+00									
381900.00	3758500.00	0.00E+00	3.00E-05	6.00E-05	4.00E-05	3.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
383900.00	3758500.00	0.00E+00	2.00E-05	5.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00						
383900.00	3759500.00	0.00E+00	3.00E-05	5.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
383900.00	3760500.00	0.00E+00	3.00E-05	5.00E-05	3.00E-05	3.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
383900.00	3761500.00	0.00E+00	3.00E-05	5.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00



























Pollutant: PM10 , Concentrations, Emissions Source: Gasoline Exhaust (G004) , Units: ug/m3 , Emissions Averaging: Peak Year Average Day , with Mitigation

UTM X	UTM Y	2017_M	2018_M	2019_M	2020_M	2021_M	2022_M	2023_M	2024_M	2025_M	2026_M	2027_M	2028_M	2029_M	2030_M
373900.00	3763500.00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00								
374900.00	3753500.00	0.00E+00	2.00E-05	4.00E-05	3.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00						
374900.00	3758500.00	0.00E+00	1.70E-04	3.30E-04	1.90E-04	1.80E-04	8.00E-05	6.00E-05	3.00E-05	1.00E-05	3.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00
375900.00	3754500.00	0.00E+00	2.00E-05	4.00E-05	2.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00						
375900.00	3757500.00	0.00E+00	8.00E-05	1.90E-04	1.30E-04	1.10E-04	6.00E-05	3.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00
375900.00	3758500.00	0.00E+00	1.20E-04	2.50E-04	1.60E-04	1.50E-04	7.00E-05	5.00E-05	2.00E-05	1.00E-05	3.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00
375900.00	3759500.00	0.00E+00	8.00E-05	1.40E-04	7.00E-05	5.00E-05	2.00E-05	3.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
376900.00	3753500.00	0.00E+00	1.00E-05	3.00E-05	1.00E-05	1.00E-05	0.00E+00								
376900.00	3754500.00	0.00E+00	1.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00								
376900.00	3757500.00	0.00E+00	6.00E-05	1.30E-04	8.00E-05	7.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00
376900.00	3763500.00	0.00E+00	1.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00								
377900.00	3758500.00	0.00E+00	6.00E-05	1.30E-04	8.00E-05	7.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	2.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00
378900.00	3754500.00	0.00E+00	1.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00								
378900.00	3761500.00	0.00E+00	3.00E-05	5.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00						
379900.00	3753500.00	0.00E+00	1.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00								
379900.00	3758500.00	0.00E+00	4.00E-05	9.00E-05	5.00E-05	4.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
380900.00	3764500.00	0.00E+00	1.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00								
381900.00	3753500.00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	0.00E+00									
381900.00	3758500.00	0.00E+00	3.00E-05	6.00E-05	4.00E-05	3.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
383900.00	3758500.00	0.00E+00	2.00E-05	5.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00						
383900.00	3759500.00	0.00E+00	3.00E-05	5.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
383900.00	3760500.00	0.00E+00	3.00E-05	5.00E-05	3.00E-05	3.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
383900.00	3761500.00	0.00E+00	3.00E-05	5.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00



























Pollutant: PM10 , Concentrations, Emissions Source: Tire Wear (G005) , Units: ug/m3 , Emissions Averaging: Peak Year Average Day , without Mitigation (no practical mitigation)

UTM X	UTM Y	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
373900.00	3763500.00	0.00E+00	2.00E-05	4.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00						
374900.00	3753500.00	0.00E+00	5.00E-05	1.30E-04	8.00E-05	5.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
374900.00	3758500.00	0.00E+00	5.40E-04	1.07E-03	6.30E-04	5.70E-04	2.80E-04	2.50E-04	1.10E-04	3.00E-05	1.20E-04	1.10E-04	8.00E-05	4.00E-05	1.00E-05
375900.00	3754500.00	0.00E+00	5.00E-05	1.10E-04	7.00E-05	4.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00
375900.00	3757500.00	0.00E+00	2.30E-04	5.80E-04	4.10E-04	3.60E-04	2.00E-04	1.10E-04	4.00E-05	4.00E-05	1.30E-04	1.10E-04	8.00E-05	4.00E-05	1.00E-05
375900.00	3758500.00	0.00E+00	3.70E-04	8.30E-04	5.50E-04	5.20E-04	2.60E-04	1.80E-04	8.00E-05	3.00E-05	1.20E-04	1.00E-04	7.00E-05	4.00E-05	1.00E-05
375900.00	3759500.00	0.00E+00	2.20E-04	4.10E-04	2.10E-04	1.60E-04	8.00E-05	1.00E-04	4.00E-05	1.00E-05	5.00E-05	4.00E-05	3.00E-05	2.00E-05	0.00E+00
376900.00	3753500.00	0.00E+00	3.00E-05	8.00E-05	5.00E-05	3.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
376900.00	3754500.00	0.00E+00	3.00E-05	9.00E-05	6.00E-05	4.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
376900.00	3757500.00	0.00E+00	1.60E-04	4.00E-04	2.70E-04	2.10E-04	1.20E-04	7.00E-05	3.00E-05	2.00E-05	7.00E-05	6.00E-05	5.00E-05	2.00E-05	0.00E+00
376900.00	3763500.00	0.00E+00	3.00E-05	7.00E-05	4.00E-05	2.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
377900.00	3758500.00	0.00E+00	2.00E-04	4.40E-04	2.80E-04	2.50E-04	1.30E-04	1.00E-04	4.00E-05	2.00E-05	7.00E-05	6.00E-05	5.00E-05	2.00E-05	0.00E+00
378900.00	3754500.00	0.00E+00	2.00E-05	6.00E-05	4.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00						
378900.00	3761500.00	0.00E+00	8.00E-05	1.50E-04	8.00E-05	6.00E-05	3.00E-05	4.00E-05	2.00E-05	0.00E+00	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00
379900.00	3753500.00	0.00E+00	2.00E-05	5.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00						
379900.00	3758500.00	0.00E+00	1.30E-04	2.90E-04	1.90E-04	1.60E-04	8.00E-05	6.00E-05	2.00E-05	1.00E-05	4.00E-05	4.00E-05	3.00E-05	2.00E-05	0.00E+00
380900.00	3764500.00	0.00E+00	3.00E-05	6.00E-05	3.00E-05	2.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00
381900.00	3753500.00	0.00E+00	1.00E-05	4.00E-05	2.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00						
381900.00	3758500.00	0.00E+00	9.00E-05	1.90E-04	1.20E-04	1.00E-04	5.00E-05	4.00E-05	2.00E-05	1.00E-05	3.00E-05	3.00E-05	2.00E-05	1.00E-05	0.00E+00
383900.00	3758500.00	0.00E+00	6.00E-05	1.40E-04	9.00E-05	7.00E-05	3.00E-05	3.00E-05	1.00E-05	1.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00
383900.00	3759500.00	0.00E+00	8.00E-05	1.70E-04	1.10E-04	9.00E-05	4.00E-05	4.00E-05	2.00E-05	1.00E-05	3.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00
383900.00	3760500.00	0.00E+00	8.00E-05	1.70E-04	1.10E-04	9.00E-05	5.00E-05	4.00E-05	2.00E-05	1.00E-05	3.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00
383900.00	3761500.00	0.00E+00	8.00E-05	1.70E-04	1.00E-04	7.00E-05	4.00E-05	4.00E-05	2.00E-05	1.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00

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## Attachment F.4

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- 2015 Parking Volumes Summary
- 2015 Parking Emissions Summary
- 2024 Parking Volumes Summary
- 2024 Traffic Link Volumes Comparison
- 2024 Parking Emissions Summary
- 2035 Parking Volumes Summary
- 2035 Traffic Link Volumes Comparison
- 2035 Parking Emissions Summary
- Traffic Emissions Inventory
- GHG Traffic Emissions Inventory
- GHG Traffic Emissions Inventory – 1990 EF
- Potential Future Related Development without Mitigation
  - Breakdown
- Potential Future Related Development with Mitigation
  - Breakdown
- Proposed Project – No Electrical Demand
- Proposed Project AQ – Electrical Demand
- Proposed Project GHG – Electrical Demand

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- 2015 Parking Volumes Summary

## Summary of Trip Generation Estimates

### Peak Hour Rates

	2015 - 70.7 MAP			
	AM	MD	PM	Total
Airport Parking	167	165	140	472
Employee Parking (1)	1,039	1,188	924	3,151
Cargo Facilities (2)	1,750	1,765	2,056	5,571
Rental Car Facilities (3)	1,279	2,095	1,114	4,488
Off-Airport Parking (4)	288	288	222	798
ITF (5)	0	0	0	0
Manchester Square (6)	0	0	0	0
CTA	7,815	10,596	8,384	26,795
<b>Total</b>	<b>12,338</b>	<b>16,097</b>	<b>12,840</b>	<b>41,275</b>

0.8056 ratio of rental cars to cargo

Notes:

- (1) Includes 1.5%/year growth in employment
- (2) Includes 2%/year growth in cargo trips
- (3) Includes 2015 Dollar RAC driveway counts.
- (4) Includes 2015 Quik Park driveway counts and portion (50%) of 96th Street driveways counts w/o Alverstone.
- (5) In Future w/LAMP Project scenarios, ITF includes ITF (West)
- (6) In Future w/LAMP Project scenarios, Manchester Square includes CONRAC, ITF (East) and Parking.

Volume Change

### Peak Hour Rates

	2024 Base				2024 LAMP				Difference
	AM	MD	PM	Total	AM	MD	PM	Total	
Rental Car Facilities (1)	1,290	2,166	1,461	4,917	0	0	0	0	-4,917
Off-Airport Parking (2)	245	274	235	754	242	268	229	739	-15
ITF (3)	0	0	0	0	1,620	2,126	1,980	5,726	5,726
Manchester Square (4)	0	0	0	0	1,978	3,106	2,322	7,406	7,406
CTA	8,830	12,859	12,793	34,482	6,508	9,678	9,544	25,730	-8,752
<b>Total</b>	<b>10,365</b>	<b>15,299</b>	<b>14,489</b>	<b>40,153</b>	<b>10,348</b>	<b>15,178</b>	<b>14,075</b>	<b>39,601</b>	<b>-552</b>

Notes:

- (1) Includes 2015 Dollar RAC driveway counts.
- (2) Includes 2015 Quik Park driveway counts and portion (50%) of 96th Street driveways counts w/o Alverstone.
- (3) In Future w/LAMP Project scenarios, ITF includes ITF (West)
- (4) In Future w/LAMP Project scenarios, Manchester Square includes CONRAC, ITF (East) and Parking.

Volume Change 1.01394 (ratio of baseline to project)

Source:

[Lamp-Trip Generation Summary.pdf](#)

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- 2015 Parking Emissions Summary

2015 Parking Volume Summary

Select Zone	2015 LAMP		2015 Baseline		Parking?	
	Link ID	Volume	Link ID	SZ Volume		
CARGO	107010	69,112	105241	13,229	31,736	no
CONRAC	2677651	14,676	n/a	n/a	n/a	yes
CTA	129688	62,340	n/a	n/a	n/a	yes
ITFE	2677654	7,676	n/a	n/a	n/a	yes
ITFW	2677537	25,561	n/a	n/a	n/a	yes
PKG	2677497	5,927	n/a	n/a	n/a	yes
WAMA	2677498	8,915	130458	8,913	8,913	no
CTA+PKG	n/a	n/a	129688	82,063	82,063	yes
RACS	n/a	n/a	2672813	10,657	35,736	yes

Note:  
 Link IDs for 2015 Plus Project (LAMP) based on link with peak volume for each select zone from 2024 scenarios.  
 Link IDs for 2015 Baseline from select zone data for this scenario.  
 SZ volume = Select Zone volume

	LAMP	Baseline
Total Parking	116,179	117,799
Difference	-1,619	

Running Exhaust Emissions (Total Traffic Volume)

		Emission Factors, grams per mile																												
		LDAT																												
		0.106	0.144	2.299	0.200	0.004	0.000	0.006	0.008	0.037	0.006	0.002	0.016	648.566																
		Daily Emissions, pounds per day														Annual Emissions, tons per year														
Parking Lot	Volume, vehicles per day	Travel Distance, m	PM10 PM10 PM10 PM2.5 PM2.5 PM2.5														PM10 PM10 PM10 PM2.5 PM2.5 PM2.5													
			ROG	TOG	CO	NOx	SO2	DPM	Exhaus t	Tire Wear	Brake Wear	Exhaus t	Tire Wear	Brake Wear	CO2	ROG	TOG	CO	NOx	SO2	DPM	Exhaus t	Tire Wear	Brake Wear	Exhaus t	Tire Wear	Brake Wear	CO2		
CONRAC	14,676	400	0.85	1.15	18.49	1.61	0.03	0.00	0.05	0.06	0.30	0.05	0.02	0.13	5,215.44	0.16	0.21	3.37	0.29	0.01	0.00	0.01	0.01	0.05	0.01	0.00	0.02	951.82		
CTA	62,340	650	5.87	7.97	127.63	11.10	0.21	0.02	0.34	0.44	2.04	0.31	0.11	0.87	36,000.90	1.07	1.45	23.29	2.03	0.04	0.00	0.06	0.08	0.37	0.06	0.02	0.16	6,570.16		
ITFE	7,676	890	0.99	1.34	21.52	1.87	0.04	0.00	0.06	0.07	0.34	0.05	0.02	0.15	6,069.17	0.18	0.25	3.93	0.34	0.01	0.00	0.01	0.01	0.06	0.01	0.00	0.03	1,107.62		
ITFW	25,561	590	2.19	2.97	47.50	4.13	0.08	0.01	0.13	0.17	0.76	0.12	0.04	0.33	13,398.80	0.40	0.54	8.67	0.75	0.01	0.00	0.02	0.03	0.14	0.02	0.01	0.06	2,445.28		
PKG	5,927	630	0.54	0.73	11.76	1.02	0.02	0.00	0.03	0.04	0.19	0.03	0.01	0.08	3,317.27	0.10	0.13	2.15	0.19	0.00	0.00	0.01	0.01	0.03	0.01	0.00	0.01	605.40		
CTA+PKG	82,063	650	7.73	10.49	168.01	14.61	0.28	0.03	0.45	0.58	2.69	0.41	0.15	1.15	47,390.53	1.41	1.92	30.66	2.67	0.05	0.01	0.08	0.11	0.49	0.08	0.03	0.21	8,648.77		
RACS	35,736	630	3.26	4.43	70.91	6.17	0.12	0.01	0.19	0.25	1.13	0.17	0.06	0.49	20,002.19	0.60	0.81	12.94	1.13	0.02	0.00	0.03	0.05	0.21	0.03	0.01	0.09	3,650.40		
<b>LAMP Total</b>	<b>116,179</b>	<b>n/a</b>	<b>10.44</b>	<b>14.17</b>	<b>226.90</b>	<b>19.73</b>	<b>0.38</b>	<b>0.04</b>	<b>0.60</b>	<b>0.79</b>	<b>3.63</b>	<b>0.56</b>	<b>0.20</b>	<b>1.55</b>	<b>64,001.58</b>	<b>1.90</b>	<b>2.59</b>	<b>41.41</b>	<b>3.60</b>	<b>0.07</b>	<b>0.01</b>	<b>0.11</b>	<b>0.14</b>	<b>0.66</b>	<b>0.10</b>	<b>0.04</b>	<b>0.28</b>	<b>11,680.29</b>		
<b>Baseline Total</b>	<b>117,799</b>	<b>n/a</b>	<b>10.99</b>	<b>14.92</b>	<b>238.93</b>	<b>20.77</b>	<b>0.40</b>	<b>0.04</b>	<b>0.63</b>	<b>0.83</b>	<b>3.82</b>	<b>0.58</b>	<b>0.21</b>	<b>1.64</b>	<b>67,392.71</b>	<b>2.01</b>	<b>2.72</b>	<b>43.60</b>	<b>3.79</b>	<b>0.07</b>	<b>0.01</b>	<b>0.12</b>	<b>0.15</b>	<b>0.70</b>	<b>0.11</b>	<b>0.04</b>	<b>0.30</b>	<b>12,299.17</b>		
<b>Difference</b>	<b>-1,619</b>	<b>n/a</b>	<b>-0.55</b>	<b>-0.75</b>	<b>-12.02</b>	<b>-1.05</b>	<b>-0.02</b>	<b>0.00</b>	<b>-0.03</b>	<b>-0.04</b>	<b>-0.19</b>	<b>-0.03</b>	<b>-0.01</b>	<b>-0.08</b>	<b>-3,391.13</b>	<b>-0.10</b>	<b>-0.14</b>	<b>-2.19</b>	<b>-0.19</b>	<b>0.00</b>	<b>0.00</b>	<b>-0.01</b>	<b>-0.01</b>	<b>-0.04</b>	<b>-0.01</b>	<b>0.00</b>	<b>-0.02</b>	<b>-618.88</b>		

Notes:  
 Totals may not add exactly because of rounding.

Idle Emissions (Total Traffic Volume)

		Emission Factors, grams per hour																												
		LDAT																												
		0.582	0.796	7.726	0.659	0.010	0.002	0.035	0.020	0.092	0.032	0.005	0.039	2,835.751																
		Daily Emissions, pounds per day														Annual Emissions, tons per year														
Parking Lot	Volume, vehicles per day	Travel Distance, m	PM10 PM10 PM10 PM2.5 PM2.5 PM2.5														PM10 PM10 PM10 PM2.5 PM2.5 PM2.5													
			ROG	TOG	CO	NOx	SO2	DPM	Exhaus t	Tire Wear	Brake Wear	Exhaus t	Tire Wear	Brake Wear	CO2	ROG	TOG	CO	NOx	SO2	DPM	Exhaus t	Tire Wear	Brake Wear	Exhaus t	Tire Wear	Brake Wear	CO2		
CONRAC	14,676	n/a	1.57	2.15	20.83	1.78	0.03	0.01	0.09	0.05	0.25	0.09	0.01	0.11	7,645.61	0.29	0.39	3.80	0.32	0.00	0.00	0.02	0.01	0.05	0.02	0.00	0.02	1,395.32		
CTA	62,340	n/a	6.66	9.11	88.49	7.55	0.11	0.02	0.40	0.23	1.05	0.37	0.06	0.45	32,477.41	1.22	1.66	16.15	1.38	0.02	0.00	0.07	0.04	0.19	0.07	0.01	0.08	5,927.13		
ITFE	7,676	n/a	0.82	1.12	10.89	0.93	0.01	0.00	0.05	0.03	0.13	0.05	0.01	0.06	3,998.72	0.15	0.20	1.99	0.17	0.00	0.00	0.01	0.01	0.02	0.01	0.00	0.01	729.77		
ITFW	25,561	n/a	2.73	3.74	36.28	3.09	0.05	0.01	0.16	0.09	0.43	0.15	0.02	0.18	13,316.66	0.50	0.68	6.62	0.56	0.01	0.00	0.03	0.02	0.08	0.03	0.00	0.03	2,430.29		
PKG	5,927	n/a	0.63	0.87	8.41	0.72	0.01	0.00	0.04	0.02	0.10	0.03	0.01	0.04	3,087.60	0.12	0.16	1.54	0.13	0.00	0.00	0.01	0.00	0.02	0.01	0.00	0.01	563.49		
CTA+PKG	82,063	n/a	8.77	12.00	116.48	9.93	0.14	0.03	0.52	0.30	1.39	0.48	0.08	0.59	42,752.31	1.60	2.19	21.26	1.81	0.03	0.01	0.10	0.06	0.25	0.09	0.01	0.11	7,802.30		
RACS	35,736	n/a	3.82	5.22	50.72	4.33	0.06	0.01	0.23	0.13	0.60	0.21	0.03	0.26	18,617.37	0.70	0.95	9.26	0.79	0.01	0.00	0.04	0.02	0.11	0.04	0.01	0.05	3,397.67		
<b>LAMP</b>	<b>116,179</b>	<b>n/a</b>	<b>12.42</b>	<b>16.98</b>	<b>164.91</b>	<b>14.07</b>	<b>0.20</b>	<b>0.04</b>	<b>0.74</b>	<b>0.43</b>	<b>1.96</b>	<b>0.68</b>	<b>0.11</b>	<b>0.84</b>	<b>60,526.01</b>	<b>2.27</b>	<b>3.10</b>	<b>30.10</b>	<b>2.57</b>	<b>0.04</b>	<b>0.01</b>	<b>0.14</b>	<b>0.08</b>	<b>0.36</b>	<b>0.12</b>	<b>0.02</b>	<b>0.15</b>	<b>11,046.00</b>		
<b>Baseline</b>	<b>117,799</b>	<b>n/a</b>	<b>12.59</b>	<b>17.22</b>	<b>167.20</b>	<b>14.26</b>	<b>0.21</b>	<b>0.04</b>	<b>0.75</b>	<b>0.43</b>	<b>1.99</b>	<b>0.69</b>	<b>0.11</b>	<b>0.85</b>	<b>61,369.69</b>	<b>2.30</b>	<b>3.14</b>	<b>30.51</b>	<b>2.60</b>	<b>0.04</b>	<b>0.01</b>	<b>0.14</b>	<b>0.08</b>	<b>0.36</b>	<b>0.13</b>	<b>0.02</b>	<b>0.16</b>	<b>11,199.97</b>		
<b>Difference</b>	<b>-1,619</b>	<b>n/a</b>	<b>-0.17</b>	<b>-0.24</b>	<b>-2.30</b>	<b>-0.20</b>	<b>0.00</b>	<b>0.00</b>	<b>-0.01</b>	<b>-0.01</b>	<b>-0.03</b>	<b>-0.01</b>	<b>0.00</b>	<b>-0.01</b>	<b>-843.67</b>	<b>-0.03</b>	<b>-0.04</b>	<b>-0.42</b>	<b>-0.04</b>	<b>0.00</b>	<b>-153.97</b>									

Notes:  
 Totals may not add exactly because of rounding.

Grand Total (Running Exhaust Plus Idle)

	LAMP	Baseline	Difference
2015 Parking Volumes	116,179	117,799	-1,619
2015 Exhaust Emissions (Running + Idle)	116,179	117,799	-1,619
2015 Exhaust Emissions (Running + Idle) - Difference	-1,619		

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- 2024 Parking Volumes Summary

## Summary of Trip Generation Estimates

### Peak Hour Rates

	2024 Base				2024LAMP				Difference
	AM	MD	PM	Total	AM	MD	PM	Total	
Rental Car Facilities (1)	1,290	2,166	1,461	4,917	0	0	0	0	-4,917
Off-Airport Parking (2)	245	274	235	754	242	268	229	739	-15
ITF (3)	0	0	0	0	1,620	2,126	1,980	5,726	5,726
Manchester Square (4)	0	0	0	0	1,978	3,106	2,322	7,406	7,406
CTA	8,830	12,859	12,793	34,482	6,508	9,678	9,544	25,730	-8,752
<b>Total</b>	<b>10,365</b>	<b>15,299</b>	<b>14,489</b>	<b>40,153</b>	<b>10,348</b>	<b>15,178</b>	<b>14,075</b>	<b>39,601</b>	<b>-552</b>

Notes:

- (1) Includes 2015 Dollar RAC driveway counts.
- (2) Includes 2015 Quik Park driveway counts and portion (50%) of 96th Street driveways counts w/o Alverstone.
- (3) In Future w/LAMP Project scenarios, ITF includes ITF (West)
- (4) In Future w/LAMP Project scenarios, Manchester Square includes CONRAC, ITF (East) and Parking.

Volume Change                    1.01394 (ratio of baseline to project)

Source:

[Lamp-Trip Generation Summary.pdf](#)

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- 2024 Traffic Link Volumes Comparison

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
10406	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,836.85	15,680.37	15,667.62	2,843.52	2,830.77	-12.75	yes	yes	no
10411	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,790.70	17,137.91	17,279.54	3,347.20	3,488.84	141.64	yes	yes	yes
10434	SANTA MONICA FWY	SANTA MONICA FWY	yes	919.03	1,217.14	1,730.76	298.11	811.73	513.62	yes	yes	yes
10455	SANTA MONICA FWY	SANTA MONICA FWY	yes	864.12	1,148.01	1,663.21	283.89	799.10	515.20	yes	yes	yes
10457	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,524.69	1,682.06	2,232.42	157.38	707.73	550.35	yes	yes	yes
10505	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,581.60	1,735.00	2,299.44	153.40	717.84	564.44	yes	yes	yes
10519	MARINA FWY	MARINA FWY	yes	962.45	1,059.12	1,080.11	96.67	117.66	20.99	yes	yes	yes
10650	SAN DIEGO FWY	SAN DIEGO FWY	yes	14,466.09	18,360.38	18,357.10	3,894.30	3,891.01	-3.29	yes	yes	no
10704	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,017.64	16,009.00	16,045.85	2,991.35	3,028.20	36.85	yes	yes	yes
10709	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,461.25	17,006.56	17,120.94	3,545.31	3,659.69	114.38	yes	yes	yes
10723	MARINA FWY	MARINA FWY	yes	529.64	629.31	627.09	99.67	97.44	-2.23	yes	yes	no
10734	SANTA MONICA FWY	SANTA MONICA FWY	yes	141.18	155.29	141.18	14.11	0.00	-14.11	yes	no	no
10753	SANTA MONICA FWY	SANTA MONICA FWY	yes	47.89	56.17	52.09	8.28	4.21	-4.08	yes	yes	no
10775	SANTA MONICA FWY	SANTA MONICA FWY	yes	983.18	1,281.21	1,800.64	298.03	817.45	519.42	yes	yes	yes
10783	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,826.81	15,540.45	15,815.20	2,713.63	2,988.39	274.75	yes	yes	yes
10805	0	0	yes	156.16	175.78	163.83	19.63	7.67	-11.96	yes	yes	no
10806	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,396.44	15,497.82	15,366.11	3,101.38	2,969.67	-131.72	yes	yes	no
10807	0	0	yes	1,139.34	1,457.00	1,964.46	317.66	825.12	507.46	yes	yes	yes
10825	SANTA MONICA FWY	SANTA MONICA FWY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
10826	0	0	yes	88.94	94.96	125.29	6.02	36.35	30.33	yes	yes	yes
10829	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,028.21	16,338.59	16,673.34	3,310.38	3,645.13	334.75	yes	yes	yes
10835	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,624.33	1,787.70	2,353.56	163.37	729.23	565.86	yes	yes	yes
10836	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
10846	SANTA MONICA FWY	SANTA MONICA FWY	yes	156.16	175.78	163.83	19.63	7.67	-11.96	yes	yes	no
10850	SANTA MONICA FWY	SANTA MONICA FWY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
10851	0	0	yes	1,624.33	1,787.70	2,353.56	163.37	729.23	565.86	yes	yes	yes
10862	SANTA MONICA FWY	SANTA MONICA FWY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
10863	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
10867	0	0	yes	156.16	175.78	163.83	19.63	7.67	-11.96	yes	yes	no
10868	0	0	yes	983.18	1,281.21	1,800.64	298.03	817.45	519.42	yes	yes	yes
10885	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,490.90	15,436.59	15,753.68	2,945.69	3,262.77	317.08	yes	yes	yes
10900	SAN DIEGO FWY	SAN DIEGO FWY	yes	10,866.57	13,648.89	13,400.12	2,782.32	2,533.55	-248.78	yes	yes	no
10914	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
10915	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
10922	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,619.46	15,407.52	15,760.45	2,788.06	3,140.99	352.93	yes	yes	yes
10928	0	0	yes	983.18	1,281.21	1,800.64	298.03	817.45	519.42	yes	yes	yes
10956	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,624.33	1,787.70	2,353.56	163.37	729.23	565.86	yes	yes	yes
10966	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,435.23	16,262.84	16,440.10	2,827.61	3,004.87	177.26	yes	yes	yes
10973	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,720.98	17,125.45	17,296.93	3,404.47	3,575.95	171.49	yes	yes	yes
10974	SANTA MONICA FWY	SANTA MONICA FWY	yes	88.94	94.96	125.29	6.02	36.35	30.33	yes	yes	yes
11002	SANTA MONICA FWY	SANTA MONICA FWY	yes	964.60	1,260.63	1,778.85	296.03	814.25	518.22	yes	yes	yes
11195	SANTA MONICA FWY	SANTA MONICA FWY	yes	18.36	27.24	27.25	8.88	8.89	0.02	yes	yes	no
11210	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,448.15	1,630.10	2,171.62	181.95	723.48	541.53	yes	yes	yes
11219	SANTA MONICA FWY	SANTA MONICA FWY	yes	141.18	155.29	141.18	14.11	0.00	-14.11	yes	no	no
11278	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,204.32	15,027.53	15,175.70	2,823.21	2,971.38	148.17	yes	yes	yes
11294	SAN DIEGO FWY	SAN DIEGO FWY	yes	15,265.75	19,456.34	19,083.07	4,190.59	3,817.32	-373.27	yes	yes	no
11474	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,224.67	15,048.01	15,216.68	2,823.34	2,992.01	168.67	yes	yes	yes
11488	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,858.79	15,809.23	15,763.23	2,950.45	2,904.44	-46.01	yes	yes	no
11502	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,524.69	1,682.06	2,232.42	157.38	707.73	550.35	yes	yes	yes
11531	SAN DIEGO FWY	SAN DIEGO FWY	yes	14,515.16	18,409.28	18,411.63	3,894.12	3,896.46	2.35	yes	yes	yes
11538	MARINA FWY	MARINA FWY	yes	539.57	640.79	641.25	101.23	101.68	0.46	yes	yes	no
11566	0	0	yes	926.46	1,038.59	1,070.08	112.13	143.63	31.49	yes	yes	yes
11583	SANTA MONICA FWY	SANTA MONICA FWY	yes	839.02	1,122.31	1,637.65	283.29	798.63	515.34	yes	yes	yes
11603	MARINA FWY	MARINA FWY	yes	977.43	1,078.78	1,109.89	101.35	132.46	31.11	yes	yes	yes
11618	MARINA FWY	MARINA FWY	yes	529.64	629.31	627.09	99.67	97.36	-2.31	yes	yes	no
11697	0	0	yes	886.05	992.66	978.14	106.62	92.09	-14.52	yes	yes	no
11698	0	0	yes	40.41	45.93	91.94	5.52	51.54	46.02	yes	yes	yes
11730	MARINA FWY	MARINA FWY	yes	22.23	25.53	31.30	3.30	9.07	5.77	yes	yes	yes
11731	SAN DIEGO FWY	SAN DIEGO FWY	yes	14,363.80	18,239.45	18,136.53	3,772.73	3,772.73	-102.92	yes	yes	no
11747	0	0	yes	517.34	615.26	609.95	97.93	92.62	-5.31	yes	yes	no
11748	0	0	yes	56.27	65.37	52.70	9.10	-3.57	-12.66	yes	no	no
11788	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,477.75	17,246.79	17,158.39	3,769.04	3,680.64	-88.40	yes	yes	no
11802	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,072.22	16,232.04	15,765.84	3,159.81	2,693.62	-466.20	yes	yes	no
11803	0	0	yes	573.61	680.63	662.65	107.02	89.05	-17.98	yes	yes	no
11838	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,067.48	1,068.42	1,123.04	0.94	55.56	54.63	no	yes	yes
11886	0	0	yes	6,938.49	7,568.44	6,471.95	629.95	-466.54	-1,096.49	yes	no	no
11963	SANTA MONICA FWY	SANTA MONICA FWY	yes	138.53	149.05	137.19	10.53	-1.34	-11.86	yes	no	no
11992	SANTA MONICA FWY	SANTA MONICA FWY	yes	141.18	155.29	141.18	14.11	0.00	-14.11	yes	no	no
11994	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,966.46	36,342.97	33,480.29	3,376.51	513.84	-2,862.68	yes	yes	no
12048	SAN DIEGO FWY	SAN DIEGO FWY	yes	27,863.13	33,937.22	33,761.43	6,074.10	5,898.30	-175.79	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
12051	SAN DIEGO FWY	SAN DIEGO FWY	yes	27,004.35	33,231.71	32,842.85	6,227.36	5,838.51	-388.85	yes	yes	no
12063	0	0	yes	5,557.24	6,112.14	5,013.55	554.90	-543.69	-1,098.59	yes	no	no
12065	SAN DIEGO FWY	SAN DIEGO FWY	yes	424.52	901.73	112.51	477.21	-312.01	-789.23	yes	no	no
12092	SAN DIEGO FWY	SAN DIEGO FWY	yes	23,119.65	28,882.72	28,581.43	5,763.08	5,461.79	-301.29	yes	yes	no
12100	0	0	yes	5,557.24	6,112.14	5,013.55	554.90	-543.69	-1,098.59	yes	no	no
12101	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
12102	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,707.87	3,079.38	4,904.32	371.51	2,196.45	1,824.94	yes	yes	yes
12104	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	9,338.66	7,006.45	6,632.65	-2,332.20	-2,706.01	-373.81	no	no	no
12113	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,495.29	2,108.45	1,269.25	613.15	-226.05	-839.20	yes	no	no
12119	SAN DIEGO FWY	SAN DIEGO FWY	yes	16,981.33	21,287.47	22,642.14	4,306.14	5,660.81	1,354.67	yes	yes	yes
12128	0	0	yes	1,381.24	1,456.30	1,458.40	75.06	77.16	2.10	yes	yes	yes
12129	0	0	yes	212.55	214.38	1.25	1.83	-211.31	-213.14	yes	no	no
12149	0	0	yes	1,593.80	1,670.68	1,459.64	76.88	-134.15	-211.04	yes	no	no
12150	SAN DIEGO FWY	SAN DIEGO FWY	yes	474.34	905.68	169.86	431.34	-304.48	-735.81	yes	no	no
12163	0	0	yes	6,428.33	7,186.35	7,113.79	758.03	685.46	-72.56	yes	yes	no
12181	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,984.74	36,808.98	35,633.62	3,824.24	2,648.89	-1,175.36	yes	yes	no
12190	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	34,191.22	40,439.83	39,382.14	6,248.62	5,190.92	-1,057.70	yes	yes	no
12195	0	0	yes	5,077.82	6,530.53	6,254.71	1,452.71	1,176.90	-275.82	yes	yes	no
12198	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	37,583.95	43,576.91	40,223.75	5,992.97	2,639.80	-3,353.16	yes	yes	no
12225	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,414.43	37,068.35	33,956.02	4,653.91	1,541.59	-3,112.32	yes	yes	no
12244	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,054.19	1,576.82	1,663.82	522.63	609.63	87.00	yes	yes	yes
12257	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,610.25	2,867.88	5,398.47	257.63	2,788.22	2,530.59	yes	yes	yes
12273	0	0	yes	12.76	16.63	22.45	3.88	9.69	5.82	yes	yes	yes
12274	SAN DIEGO FWY	SAN DIEGO FWY	yes	11,262.69	14,450.40	14,763.66	3,187.71	3,500.97	313.26	yes	yes	yes
12278	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,156.10	37,030.25	35,830.64	3,874.14	2,674.54	-1,199.60	yes	yes	no
12323	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	30,134.18	35,049.80	34,731.80	4,915.62	4,597.62	-318.00	yes	yes	no
12361	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,988.27	40,225.65	39,195.61	6,237.38	5,207.33	-1,030.04	yes	yes	no
12402	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,259.67	2,592.56	4,353.76	332.89	2,094.09	1,761.20	yes	yes	yes
12430	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,778.81	2,419.25	1,303.00	640.44	-475.81	-1,116.25	yes	no	no
12431	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,145.56	1,421.44	1,397.92	275.88	252.36	-23.52	yes	yes	no
12453	MARINA FWY	MARINA FWY	yes	9.47	8.90	8.85	-0.58	-0.62	-0.05	no	no	no
12454	0	0	yes	0.00	1.91	0.00	1.91	0.00	-1.91	yes	no	no
12469	SAN DIEGO FWY	SAN DIEGO FWY	yes	6,329.08	7,543.74	8,843.68	1,214.66	2,514.61	1,299.95	yes	yes	yes
12473	SAN DIEGO FWY	SAN DIEGO FWY	yes	22,643.47	27,859.87	28,255.48	5,216.40	5,612.00	395.60	yes	yes	yes
12483	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,156.10	37,030.25	35,830.64	3,874.14	2,674.54	-1,199.60	yes	yes	no
12486	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,260.22	15,086.71	15,293.74	2,826.50	3,033.52	207.03	yes	yes	yes
12539	SAN DIEGO FWY	SAN DIEGO FWY	yes	6,328.07	7,542.26	8,841.10	1,214.18	2,513.03	1,298.84	yes	yes	yes
12551	SAN DIEGO FWY	SAN DIEGO FWY	yes	16,360.36	19,675.64	20,666.76	3,315.28	4,306.40	991.12	yes	yes	yes
12565	SAN DIEGO FWY	SAN DIEGO FWY	yes	11,250.19	14,432.23	14,735.02	3,182.04	3,484.83	302.79	yes	yes	yes
12610	0	0	yes	7,191.97	8,382.05	8,173.10	1,190.08	981.13	-208.95	yes	yes	no
12621	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	30,135.90	36,568.25	35,980.82	6,432.35	5,844.92	-587.43	yes	yes	no
12686	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,259.23	2,591.88	4,353.33	332.65	2,094.10	1,761.45	yes	yes	yes
12698	HARBOR FWY	HARBOR FWY	yes	3,640.54	5,508.30	5,459.33	1,867.76	1,818.80	-48.96	yes	yes	no
12713	HARBOR FWY	HARBOR FWY	yes	3,655.16	5,532.87	5,482.61	1,877.72	1,827.45	-50.26	yes	yes	no
12715	HARBOR FWY	HARBOR FWY	yes	2,029.16	3,254.02	3,365.77	1,224.86	1,336.61	111.75	yes	yes	yes
12722	HARBOR FWY	HARBOR FWY	yes	1,979.77	3,213.51	3,293.16	1,233.74	1,313.38	79.65	yes	yes	yes
12741	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,029.89	1,153.80	1,114.25	123.91	84.37	-39.54	yes	yes	no
12750	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	30,144.72	36,573.24	36,005.20	6,428.52	5,860.48	-568.04	yes	yes	no
12754	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	25,802.84	28,473.06	27,475.53	2,670.22	1,672.69	-997.53	yes	yes	no
12781	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,992.26	36,329.17	33,264.26	3,336.92	272.00	-3,064.91	yes	yes	no
12857	HARBOR FWY	HARBOR FWY	yes	1,981.90	3,215.96	3,295.52	1,234.06	1,313.62	79.55	yes	yes	yes
12885	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,839.80	2,294.60	1,409.83	454.80	-429.97	-884.77	yes	no	no
12886	SAN DIEGO FWY	SAN DIEGO FWY	yes	23,151.61	28,922.33	28,615.17	5,770.73	5,463.56	-307.16	yes	yes	no
12895	SAN DIEGO FWY	SAN DIEGO FWY	yes	21,448.27	27,122.63	27,832.90	5,674.37	6,384.63	710.26	yes	yes	yes
12897	MARINA FWY	MARINA FWY	yes	107.25	105.56	92.51	-1.69	-14.74	-13.05	no	no	no
12900	0	0	yes	3,682.97	5,537.20	5,485.89	1,854.23	1,802.92	-51.32	yes	yes	no
12901	0	0	yes	3,509.00	2,844.85	2,687.22	-664.15	-821.79	-157.64	no	no	no
12902	0	0	yes	5,674.01	6,576.13	5,619.36	902.11	-54.65	-956.77	yes	no	no
12903	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,311.81	2,649.63	4,413.27	337.82	2,101.45	1,763.63	yes	yes	yes
12921	HARBOR FWY	HARBOR FWY	yes	3,645.56	5,531.88	5,482.20	1,886.32	1,836.64	-49.67	yes	yes	no
12927	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,966.46	36,342.97	33,480.29	3,376.51	513.84	-2,862.68	yes	yes	no
12952	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	25,802.84	28,473.25	27,476.48	2,670.40	1,673.63	-996.77	yes	yes	no
13003	SAN DIEGO FWY	SAN DIEGO FWY	yes	23,123.12	28,887.70	28,585.08	5,764.58	5,461.95	-302.62	yes	yes	no
13048	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,155.05	1,431.33	1,408.20	276.27	253.15	-23.13	yes	yes	no
13049	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,766.99	3,051.47	5,710.15	284.48	2,943.16	2,658.68	yes	yes	yes
13070	SAN DIEGO FWY	SAN DIEGO FWY	yes	27,904.05	33,988.22	33,800.05	6,084.16	5,895.99	-188.17	yes	yes	no
13082	SANTA MONICA FWY	SANTA MONICA FWY	yes	114.84	134.50	123.45	19.66	8.61	-11.05	yes	yes	no
13094	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,770.20	14,974.67	16,363.33	1,204.47	2,593.12	1,388.66	yes	yes	yes
13108	0	0	yes	5,662.14	6,572.40	5,613.33	910.26	-48.81	-959.07	yes	no	no
13136	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,563.41	37,241.86	34,118.92	4,678.45	1,555.51	-3,122.94	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
13164		0	0	294.90	316.05	44.45	21.15	-250.45	-271.60	yes	no	no
13168	SAN DIEGO FWY	SAN DIEGO FWY	yes	16,364.17	19,679.19	20,672.66	3,315.02	4,308.50	993.48	yes	yes	yes
13174		0	0	3,682.97	5,537.20	5,485.89	1,854.23	1,802.92	-51.32	yes	yes	no
13182	SAN DIEGO FWY	SAN DIEGO FWY	yes	7,268.31	7,315.73	8,226.87	47.42	958.56	911.14	yes	yes	yes
13188	HARBOR FWY	HARBOR FWY	yes	3,682.97	5,537.20	5,485.89	1,854.23	1,802.92	-51.32	yes	yes	no
13196	SAN DIEGO FWY	SAN DIEGO FWY	yes	18,332.98	22,542.57	22,442.40	4,209.60	4,109.43	-100.17	yes	yes	no
13206		0	0	3,852.38	3,657.41	3,214.79	-194.97	-637.59	-442.62	no	no	no
13207		0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
13216	HARBOR FWY	HARBOR FWY	yes	1,981.90	3,215.96	3,295.52	1,234.06	1,313.62	79.55	yes	yes	yes
13217		0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
13219	HARBOR FWY	HARBOR FWY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
13223	HARBOR FWY	HARBOR FWY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
13230		0	0	1,981.90	3,215.96	3,295.52	1,234.06	1,313.62	79.55	yes	yes	yes
13231	HARBOR FWY	HARBOR FWY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
13261	HARBOR FWY	HARBOR FWY	yes	4,620.20	4,882.29	4,248.65	262.08	-371.55	-633.63	yes	no	no
13268	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,642.64	3,050.07	4,818.06	407.43	2,175.42	1,767.99	yes	yes	yes
13270	HARBOR FWY	HARBOR FWY	yes	4,588.68	4,859.18	4,229.79	270.50	-358.89	-629.40	yes	no	no
13277	HARBOR FWY	HARBOR FWY	yes	5,517.80	5,942.70	5,526.77	424.90	8.97	-415.93	yes	yes	no
13290	MARINA FWY	MARINA FWY	yes	9.47	10.80	8.85	-1.33	-0.62	-1.96	yes	no	no
13291	HARBOR FWY	HARBOR FWY	yes	5,302.01	6,552.46	6,131.46	1,250.45	829.45	-420.99	yes	yes	no
13298	HARBOR FWY	HARBOR FWY	yes	5,269.99	6,521.58	6,102.27	1,251.59	832.28	-419.31	yes	yes	no
13300	HARBOR FWY	HARBOR FWY	yes	5,431.06	6,878.83	6,593.33	1,447.77	1,162.27	-285.50	yes	yes	no
13302	HARBOR FWY	HARBOR FWY	yes	5,479.67	5,913.72	5,503.74	434.04	24.07	-409.97	yes	yes	no
13305	HARBOR FWY	HARBOR FWY	yes	6,127.61	6,971.47	6,767.88	843.86	640.27	-203.59	yes	yes	no
13306	HARBOR FWY	HARBOR FWY	yes	5,406.78	6,857.35	6,573.96	1,450.57	1,167.17	-283.40	yes	yes	no
13317	SAN DIEGO FWY	SAN DIEGO FWY	yes	5,153.88	6,413.04	8,092.35	1,259.16	2,938.47	1,679.31	yes	yes	yes
13325	HARBOR FWY	HARBOR FWY	yes	7,056.44	8,432.42	8,368.44	1,375.98	1,312.00	-63.98	yes	yes	no
13326	HARBOR FWY	HARBOR FWY	yes	6,938.44	8,309.87	8,281.36	1,371.43	1,342.93	-28.51	yes	yes	no
13329	HARBOR FWY	HARBOR FWY	yes	5,934.95	8,082.10	8,304.46	2,147.14	2,369.50	222.36	yes	yes	yes
13330	HARBOR FWY	HARBOR FWY	yes	5,905.96	8,060.55	8,284.56	2,154.59	2,378.61	224.02	yes	yes	yes
13335	HARBOR FWY	HARBOR FWY	yes	6,976.83	8,356.13	8,340.73	1,379.30	1,363.90	-15.40	yes	yes	no
13336		0	0	1,981.90	3,215.96	3,295.51	1,234.06	1,313.41	79.34	yes	yes	yes
13339	HARBOR FWY	HARBOR FWY	yes	6,945.00	8,255.02	8,189.03	1,310.02	1,244.03	-65.99	yes	yes	no
13340		0	0	3,852.38	3,657.41	3,214.79	-194.97	-637.59	-442.62	no	no	no
13348	HARBOR FWY	HARBOR FWY	yes	3,854.03	3,662.02	3,228.37	-192.01	-625.66	-433.65	no	no	no
13349	HARBOR FWY	HARBOR FWY	yes	6,284.95	8,921.88	9,249.91	2,636.94	2,964.97	328.03	yes	yes	yes
13350	HARBOR FWY	HARBOR FWY	yes	6,674.93	8,104.69	8,148.61	1,429.76	1,473.68	43.92	yes	yes	yes
13351	HARBOR FWY	HARBOR FWY	yes	6,152.77	8,790.14	9,121.04	2,637.37	2,968.27	330.90	yes	yes	yes
13356	HARBOR FWY	HARBOR FWY	yes	6,068.56	6,921.24	6,725.95	852.68	657.39	-195.29	yes	yes	no
13357	HARBOR FWY	HARBOR FWY	yes	6,848.34	8,097.16	8,020.46	1,248.82	1,172.13	-76.69	yes	yes	no
13358	HARBOR FWY	HARBOR FWY	yes	6,281.49	8,911.70	9,225.29	2,630.21	2,943.80	313.59	yes	yes	yes
13365	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,097.05	2,414.02	2,647.78	316.97	550.73	233.76	yes	yes	yes
13368	HARBOR FWY	HARBOR FWY	yes	6,373.52	8,993.71	9,301.65	2,620.20	2,928.13	307.94	yes	yes	yes
13370	HARBOR FWY	HARBOR FWY	yes	6,805.58	8,062.80	7,993.19	1,257.23	1,187.61	-69.61	yes	yes	no
13377	HARBOR FWY	HARBOR FWY	yes	6,152.77	8,790.14	9,121.27	2,637.37	2,968.50	331.13	yes	yes	yes
13380		0	0	3,509.00	2,844.85	2,687.22	-664.15	-821.79	-157.64	no	no	no
13381	HARBOR FWY	HARBOR FWY	yes	3,509.40	2,877.04	2,722.75	-632.36	-786.65	-154.29	no	no	no
13383	HARBOR FWY	HARBOR FWY	yes	6,376.25	9,116.03	9,447.58	2,739.78	3,071.33	331.55	yes	yes	yes
13390	HARBOR FWY	HARBOR FWY	yes	6,362.04	8,873.40	9,313.73	2,511.36	2,951.69	440.33	yes	yes	yes
13391	HARBOR FWY	HARBOR FWY	yes	6,284.92	8,810.70	9,258.39	2,525.78	2,973.48	447.70	yes	yes	yes
13393	HARBOR FWY	HARBOR FWY	yes	6,362.26	8,986.20	9,290.21	2,623.94	2,927.95	304.01	yes	yes	yes
13403	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	34,310.93	40,656.40	39,782.16	6,345.48	5,471.23	-874.24	yes	yes	no
13406	SANTA MONICA FWY	SANTA MONICA FWY	yes	18.36	27.24	27.25	8.88	8.89	0.02	yes	yes	no
13412	SAN DIEGO FWY	SAN DIEGO FWY	yes	11,226.47	14,428.96	14,744.48	3,202.49	3,518.01	315.52	yes	yes	yes
13419	HARBOR FWY	HARBOR FWY	yes	6,637.34	8,082.03	8,129.25	1,444.69	1,491.92	47.23	yes	yes	yes
13438	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	37,072.66	42,618.24	41,203.75	5,545.58	4,131.09	-1,414.49	yes	yes	no
13446		0	0	1,074.11	1,209.60	1,159.72	135.49	85.62	-49.87	yes	yes	no
13447		0	0	5,662.83	6,572.90	5,613.83	910.27	-48.80	-959.07	yes	no	no
13470		0	0	5,557.21	6,112.14	5,013.55	554.93	-543.66	-1,098.59	yes	no	no
13471	SAN DIEGO FWY	SAN DIEGO FWY	yes	21,447.13	27,119.56	27,829.30	5,672.43	6,382.17	709.74	yes	yes	yes
13487	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,156.10	37,030.25	35,830.64	3,874.14	2,674.54	-1,199.60	yes	yes	no
13516		0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
13542		0	0	283.52	312.82	38.92	29.30	-244.60	-273.90	no	no	no
13543		0	0	11.38	3.23	5.53	-8.16	-5.85	2.30	no	no	yes
18193	HARBOR FWY	HARBOR FWY	yes	5,326.96	7,064.89	7,044.32	1,737.93	1,717.36	-20.57	yes	yes	no
18203	HARBOR FWY	HARBOR FWY	yes	6,169.12	8,934.97	9,301.45	2,765.85	3,132.33	366.48	yes	yes	yes
18204		0	0	842.16	1,870.08	2,257.14	1,027.91	1,414.97	387.06	yes	yes	yes
18207		0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
18227	HARBOR FWY	HARBOR FWY	yes	6,694.82	8,163.54	8,196.76	1,468.72	1,501.94	33.22	yes	yes	yes
18280	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	28,162.82	33,357.28	32,709.90	5,194.46	4,547.08	-647.38	yes	yes	no

ID	ROAD_NAME			Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP			2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
18287	0	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
18288	0	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
18306	HARBOR FWY	HARBOR FWY	yes	6,404.03	9,149.01	9,486.73	2,744.98	3,082.70	337.72	yes	yes	yes	
18311	HARBOR FWY	HARBOR FWY	yes	6,655.34	8,095.12	8,134.79	1,439.78	1,479.44	39.66	yes	yes	yes	
26651	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	31,001.31	35,130.33	32,272.55	4,129.02	1,271.24	-2,857.78	yes	yes	no	
26652	0	0	yes	6,736.74	7,782.50	6,773.55	1,045.76	36.81	-1,008.94	yes	yes	no	
26653	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	24,656.05	27,274.73	26,107.84	2,618.68	1,451.79	-1,166.89	yes	yes	no	
88572	HARBOR FWY	HARBOR FWY	yes	2,025.55	3,253.51	3,364.73	1,227.96	1,339.18	111.22	yes	yes	yes	
88715	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,024.19	36,720.12	35,049.84	3,695.94	2,025.65	-1,670.29	yes	yes	no	
88716	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,941.98	38,222.61	35,061.18	4,280.63	1,119.19	-3,161.43	yes	yes	no	
88720	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,179.01	36,557.35	33,481.54	3,378.34	302.53	-3,075.81	yes	yes	no	
88730	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,770.25	37,879.65	36,610.32	4,109.40	2,840.07	-1,269.33	yes	yes	no	
88731	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	34,559.29	40,852.53	39,933.79	6,293.23	5,374.49	-918.74	yes	yes	no	
89424	MARINA FWY	MARINA FWY	yes	50.98	40.19	39.81	-10.79	-0.38	no	no	no	no	
89425	0	0	yes	283.52	312.82	38.92	29.30	-244.60	-273.90	yes	no	no	
89689	I 105 HOV	I 105 HOV	yes	7,124.52	8,566.18	8,224.73	1,441.66	1,100.21	-341.45	yes	yes	no	
89690	I 105 HOV	I 105 HOV	yes	5,435.15	6,867.66	6,549.30	1,432.52	1,114.15	-318.36	yes	yes	no	
89727	I 405 HOV	I 405 HOV	yes	8,132.97	10,634.28	10,275.02	2,501.30	2,142.05	-359.26	yes	yes	no	
89741	I 105 HOV	I 105 HOV	yes	7,128.76	8,571.68	8,314.21	1,442.92	1,185.45	-257.47	yes	yes	no	
89742	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
89754	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
89763	I 110 HOV	I 110 HOV	yes	468.22	633.29	633.76	165.07	165.54	0.47	yes	yes	no	
89764	I 105 HOV	I 105 HOV	yes	6,660.54	7,938.39	7,680.46	1,277.85	1,019.92	-257.94	yes	yes	no	
89773	I 405 HOV	I 405 HOV	yes	1,598.69	2,851.77	2,430.88	1,253.08	832.19	-420.89	yes	yes	no	
89779	I 105 HOV	I 105 HOV	yes	5,315.43	6,651.09	6,149.27	1,335.66	833.84	-501.82	yes	yes	no	
89787	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
89803	I 110 HOV	I 110 HOV	yes	324.11	373.63	374.15	49.52	50.05	0.53	yes	yes	no	
89805	I 110 HOV	I 110 HOV	yes	468.22	633.29	633.76	165.07	165.54	0.47	yes	yes	no	
89807	I 105 HOV	I 105 HOV	yes	5,110.72	6,493.64	6,174.80	1,382.92	1,064.08	-318.84	yes	yes	no	
89809	I 110 HOV	I 110 HOV	yes	283.74	329.23	328.78	45.48	45.04	-0.44	yes	yes	no	
89810	I 110 HOV	I 110 HOV	yes	324.42	374.02	374.50	49.60	50.08	0.48	yes	yes	no	
89812	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
89817	I 110 HOV	I 110 HOV	yes	324.42	374.02	374.50	49.60	50.08	0.48	yes	yes	no	
89818	I 110 HOV	I 110 HOV	yes	324.11	373.63	374.15	49.52	50.04	0.52	yes	yes	no	
89829	I 110 HOV	I 110 HOV	yes	460.13	624.51	625.86	164.38	165.73	1.35	yes	yes	yes	
90170	I 105 HOV	I 105 HOV	yes	6,660.54	7,938.39	7,680.46	1,277.85	1,019.92	-257.94	yes	yes	no	
90193	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
91084	I 110 HOV	I 110 HOV	yes	86.04	108.33	109.42	22.30	23.38	1.09	yes	yes	yes	
91138	0	0	yes	100.50	95.61	109.04	-4.89	8.54	13.43	no	yes	yes	
91143	0	0	yes	38.97	35.26	38.23	-3.71	-0.74	2.97	no	no	yes	
91149	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
91164	0	0	yes	10.53	17.18	10.93	6.65	0.40	-6.26	yes	no	no	
91183	0	0	yes	0.00	0.02	0.00	0.02	0.00	-0.02	no	no	no	
91214	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
91244	0	0	yes	295.22	262.13	287.37	-33.09	-7.84	25.25	no	no	yes	
91249	0	0	yes	419.44	427.31	447.44	7.87	28.00	20.13	yes	yes	yes	
91268	0	0	yes	18.58	20.58	21.79	3.20	1.21	yes	yes	yes		
91277	0	0	yes	18.36	83.90	6.88	65.54	-11.48	-77.02	yes	no	no	
91310	0	0	yes	14.97	20.49	22.64	5.52	7.67	2.15	yes	yes	yes	
91336	0	0	yes	396.34	397.92	416.39	1.57	20.05	18.47	yes	yes	yes	
91343	0	0	yes	0.01	0.00	0.00	-0.01	-0.01	0.00	no	no	no	
91348	0	0	yes	0.03	0.03	0.03	0.00	0.00	0.00	no	no	no	
91353	0	0	yes	867.90	1,222.11	603.84	354.21	-264.06	-618.27	yes	no	no	
91427	0	0	yes	25.10	25.70	25.56	0.60	0.46	-0.14	no	no	no	
91433	0	0	yes	9.92	11.48	14.24	1.56	4.32	2.76	yes	yes	yes	
91481	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
91483	0	0	yes	2,277.55	2,718.05	6,115.59	440.50	3,838.04	3,397.54	yes	yes	yes	
91523	0	0	yes	301.62	1,399.20	670.68	1,097.58	369.06	-728.51	yes	yes	no	
91546	0	0	yes	102.47	720.72	602.99	618.25	500.51	-117.74	yes	yes	no	
91549	0	0	yes	265.33	497.97	407.92	232.64	142.59	-90.05	yes	yes	no	
91550	0	0	yes	17,996.26	21,739.50	22,377.08	3,743.23	4,380.82	637.59	yes	yes	yes	
91553	0	0	yes	17,908.46	21,640.84	22,329.90	3,732.38	4,421.44	689.05	yes	yes	yes	
91558	0	0	yes	3,792.37	4,522.89	10,990.02	730.52	7,197.65	6,467.13	yes	yes	yes	
91560	0	0	yes	3.48	4.97	3.64	1.50	0.17	-1.33	yes	no	no	
91565	0	0	yes	3,621.21	4,464.36	3,939.36	843.15	318.16	-525.00	yes	yes	no	
91567	0	0	yes	1,151.46	1,960.62	5,148.46	809.16	3,997.01	3,187.85	yes	yes	yes	
91568	0	0	yes	1,126.09	757.43	967.12	-368.66	-158.97	209.70	no	no	yes	
91584	0	0	yes	508.14	1,062.46	359.70	554.32	-148.44	-702.76	yes	no	no	
91587	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
91590	0	0	yes	171.37	221.27	197.02	49.90	25.65	-24.25	yes	yes	no	

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
91595	0	0	yes	23,685.53	29,713.67	28,417.19	6,028.14	4,731.66	-1,296.48	yes	yes	no
91602	0	0	yes	2,144.86	3,784.18	5,977.76	1,639.32	3,832.90	2,193.58	yes	yes	yes
91623	0	0	yes	601.05	798.49	676.16	197.44	75.11	-122.33	yes	yes	no
91632	0	0	yes	1,982.66	3,128.06	1,603.56	1,145.41	-379.10	-1,524.51	yes	no	no
91642	0	0	yes	316.15	485.56	409.16	169.41	93.01	-76.40	yes	yes	no
91651	0	0	yes	1,656.24	2,492.97	2,014.32	836.73	358.07	-478.65	yes	yes	no
91658	0	0	yes	202.94	214.18	186.53	11.24	-18.41	-27.65	yes	no	no
91661	0	0	yes	0.48	0.76	0.50	0.28	0.02	-0.26	no	no	no
91670	0	0	yes	9.49	9.88	10.27	0.39	0.79	0.39	no	no	no
91704	0	0	yes	21.94	28.91	13.75	6.97	-8.19	-15.16	yes	no	no
91706	0	0	yes	3.81	3.55	5.90	-0.26	2.10	2.36	no	yes	yes
91707	0	0	yes	255.22	0.00	0.00	-255.22	-255.22	0.00	no	no	no
91713	0	0	yes	12.50	18.17	28.64	5.67	16.14	10.47	yes	yes	yes
91719	0	0	yes	51.37	119.25	107.36	67.88	55.99	-11.89	yes	yes	no
91727	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
91742	0	0	yes	14.62	24.58	23.28	9.96	8.66	-1.30	yes	yes	no
91745	0	0	yes	0.00	0.00	0.01	0.00	0.01	0.01	no	no	no
91746	0	0	yes	0.00	0.18	0.94	0.18	0.94	0.76	no	no	no
91750	0	0	yes	49.39	40.51	72.61	-8.88	23.22	32.10	no	yes	yes
91756	0	0	yes	1,961.78	3,037.56	1,530.78	1,075.79	-431.00	-1,506.78	yes	no	no
91766	0	0	yes	186.76	228.18	217.28	41.42	30.52	-10.90	yes	yes	no
91769	0	0	yes	1,931.28	3,008.82	1,496.19	1,077.53	-435.09	-1,512.62	yes	no	no
91772	0	0	yes	1,093.65	1,308.70	1,573.18	215.05	479.52	264.48	yes	yes	yes
91776	0	0	yes	14,893.54	17,022.20	18,310.04	2,128.67	3,416.50	1,287.84	yes	yes	yes
91784	0	0	yes	1,114.53	1,399.20	1,645.95	284.67	531.42	246.75	yes	yes	yes
91790	0	0	yes	81.01	93.24	92.80	12.24	11.79	-0.44	yes	yes	no
91796	0	0	yes	37.41	5.32	3.68	-32.08	-33.73	-1.64	no	no	no
91809	0	0	yes	1.00	1.48	2.58	0.48	1.58	1.10	no	yes	yes
91810	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
91815	0	0	yes	15,454.15	18,005.97	19,634.02	2,551.81	4,179.87	1,628.05	yes	yes	yes
91816	0	0	yes	760.61	35.13	286.09	-474.51	250.97	-223.54	no	no	yes
91817	0	0	yes	3,031.76	4,487.77	10,703.93	1,456.00	7,672.16	6,216.16	yes	yes	yes
91818	0	0	yes	28.48	34.63	30.09	6.15	1.61	-4.54	yes	yes	no
91844	0	0	yes	3.61	5.92	6.47	2.30	2.86	0.55	yes	yes	no
91845	0	0	yes	5.88	3.97	3.81	-1.91	-2.07	-0.16	no	no	no
91846	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
91847	0	0	yes	11.87	3.73	6.03	-8.15	-5.85	2.30	no	no	yes
91853	0	0	yes	560.62	983.76	1,323.98	423.15	763.36	340.22	yes	yes	yes
91862	0	0	yes	0.03	0.00	0.00	-0.03	-0.03	0.00	no	no	no
91863	0	0	yes	0.06	0.01	0.00	-0.05	-0.06	-0.01	no	no	no
91866	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
91867	0	0	yes	812.91	0.00	975.27	-812.91	162.36	975.27	no	yes	yes
91868	0	0	yes	6.95	6.53	5.63	-0.42	-1.32	-0.90	no	no	no
91884	0	0	yes	38.13	28.99	23.03	-9.14	-15.10	-5.96	no	no	no
91887	0	0	yes	928.81	1,083.13	1,296.64	154.33	367.84	213.51	yes	yes	yes
91891	0	0	yes	59.05	50.23	41.93	-8.82	-17.12	-8.30	no	no	no
91895	0	0	yes	301.90	251.44	192.12	-50.46	-109.78	-59.32	no	no	no
91898	0	0	yes	24.28	21.48	19.37	-2.80	-4.91	-2.11	no	no	no
91900	0	0	yes	1.65	4.61	13.57	2.96	11.92	8.96	yes	yes	yes
91901	0	0	yes	205.54	220.59	314.91	15.05	109.36	94.31	yes	yes	yes
91903	0	0	yes	38.39	46.26	59.37	7.87	20.98	13.11	yes	yes	yes
91909	0	0	yes	32.01	30.87	29.19	-1.14	-2.82	-1.68	no	no	no
91910	0	0	yes	132.18	131.74	128.88	-0.43	-3.30	-2.87	no	no	no
91913	0	0	yes	92.03	82.01	76.36	-10.02	-15.67	-5.65	no	no	no
91915	0	0	yes	139.42	192.22	195.84	52.79	56.41	3.62	yes	yes	yes
91917	0	0	yes	528.17	1,224.74	1,730.50	696.57	1,202.33	505.76	yes	yes	yes
91918	0	0	yes	41.46	30.44	32.80	-11.02	-8.66	2.35	no	no	yes
91920	0	0	yes	77.12	62.70	55.33	-14.42	-21.79	-7.37	no	no	no
91922	0	0	yes	766.17	1,220.27	1,020.28	454.10	254.11	-199.98	yes	yes	no
91923	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
91925	0	0	yes	456.08	812.85	1,029.16	356.77	573.08	216.31	yes	yes	yes
91926	0	0	yes	6.21	6.39	6.69	0.18	0.48	0.30	no	no	no
91927	0	0	yes	37.60	22.67	19.36	-14.93	-18.24	-3.31	no	no	no
91929	0	0	yes	18.01	13.10	5.53	-4.91	-12.48	-7.57	no	no	no
91931	0	0	yes	11.26	7.51	11.44	-3.74	0.18	3.93	no	no	yes
91934	0	0	yes	1,792.61	3,675.42	3,408.71	1,882.80	1,616.10	-266.70	yes	yes	no
91939	0	0	yes	0.00	0.00	0.24	0.00	0.24	0.24	no	no	no
91940	0	0	yes	9.47	10.80	8.85	-1.33	-0.62	-1.96	no	no	no
91943	0	0	yes	77.35	175.50	31.82	98.16	-45.53	-143.69	yes	no	no
91946	0	0	yes	778.00	1,550.48	3,346.06	772.48	2,568.06	1,795.58	yes	yes	yes

ID	ROAD_NAME			Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP			2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
91948	0	0	0	yes	9,285.93	10,947.88	8,953.34	1,661.95	-332.59	-1,994.54	yes	no	no
93250	0	0	0	yes	4.82	13.49	4.36	8.67	-0.45	-9.13	yes	no	no
93254	0	0	0	yes	234.91	214.04	185.28	-20.87	-49.63	-28.76	no	no	no
93268	0	0	0	yes	39.48	68.42	61.98	28.94	22.50	-6.44	yes	yes	no
93270	0	0	0	yes	27.77	32.98	39.15	5.20	11.38	6.17	yes	yes	yes
95320	0	0	0	yes	266.78	323.18	2,019.62	56.40	1,752.84	1,696.45	yes	yes	yes
95328	0	0	0	yes	36.98	111.06	45.94	74.08	8.96	-65.12	yes	yes	no
95377	0	0	0	yes	148.34	273.57	357.21	125.23	208.88	83.65	yes	yes	yes
95381	0	0	0	yes	3.45	10.18	24.62	6.72	21.17	14.44	yes	yes	yes
95391	0	0	0	yes	118.01	122.55	87.08	4.55	-30.93	-35.47	yes	no	no
95410	0	0	0	yes	39.54	41.98	50.79	2.44	11.25	8.81	yes	yes	yes
95454	0	0	0	yes	3,052.50	3,943.56	3,923.52	891.06	871.02	-20.05	yes	yes	no
95489	0	0	0	yes	46.64	4.78	4.82	-41.86	-41.82	0.03	no	no	no
95517	HOWARD HUGHES PKY	HOWARD HUGHES PKY	yes	7,554.74	10,070.56	8,984.55	2,515.82	1,429.85	-1,086.01	yes	yes	no	
96331	HOWARD HUGHES PKY	HOWARD HUGHES PKY	yes	7,553.73	10,069.08	8,981.97	2,515.35	1,428.24	-1,087.11	yes	yes	no	
96345	0	0	0	yes	3.61	0.50	1.04	-3.10	-2.57	0.53	no	no	no
96361	0	0	0	yes	352.28	647.78	1,153.95	295.50	801.67	506.17	yes	yes	yes
96362	0	0	0	yes	0.98	4.30	26.44	3.32	25.46	22.14	yes	yes	yes
96363	0	0	0	yes	2,143.88	3,779.88	5,951.32	1,636.00	3,807.44	2,171.44	yes	yes	yes
96364	0	0	0	yes	148.98	173.52	162.89	24.54	13.92	-10.62	yes	yes	no
96384	S CENTINELA AVE	S CENTINELA AVE	yes	99.03	113.39	134.55	14.36	35.51	21.16	yes	yes	yes	
96396	KANSAS AVE	KANSAS AVE	yes	18.64	34.85	18.23	16.21	-0.41	-16.62	yes	no	no	
96407	NATIONAL BLVD	NATIONAL BLVD	yes	15.15	20.64	22.79	5.49	7.64	2.15	yes	yes	yes	
96411	S CENTINELA AVE	S CENTINELA AVE	yes	178.50	274.98	246.91	96.48	68.41	-28.07	yes	yes	no	
96412	S CENTINELA AVE	S CENTINELA AVE	yes	178.50	274.98	246.99	96.48	68.49	-27.99	yes	yes	no	
96423	S CENTINELA AVE	S CENTINELA AVE	yes	180.31	269.60	244.62	89.28	64.31	-24.97	yes	yes	no	
96425	OVERLAND AVE	OVERLAND AVE	yes	919.09	1,275.65	1,154.80	356.55	235.71	-120.84	yes	yes	no	
96428	S BUNDY DR	S BUNDY DR	yes	498.62	709.16	645.12	210.55	146.50	-64.04	yes	yes	no	
96439	S CENTINELA AVE	S CENTINELA AVE	yes	83.62	93.40	104.90	9.79	21.28	11.50	yes	yes	yes	
96440	S CENTINELA AVE	S CENTINELA AVE	yes	62.50	83.82	78.94	21.32	16.44	-4.88	yes	yes	no	
96448	S CENTINELA AVE	S CENTINELA AVE	yes	178.50	275.00	246.99	96.50	68.49	-28.01	yes	yes	no	
96462	SAWTELLE BLVD	SAWTELLE BLVD	yes	137.50	252.64	171.50	115.13	34.00	-81.14	yes	yes	no	
96481	CULVER BLVD	CULVER BLVD	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
96510	MARINA FWY	MARINA FWY	yes	529.65	629.34	627.09	99.69	97.44	-2.25	yes	yes	no	
96515	NATIONAL BLVD	NATIONAL BLVD	yes	395.22	415.14	431.91	19.92	36.69	16.77	yes	yes	yes	
96516	NATIONAL BLVD	NATIONAL BLVD	yes	152.51	167.40	175.98	14.89	23.47	8.57	yes	yes	yes	
96518	NATIONAL BLVD	NATIONAL BLVD	yes	575.82	540.68	574.23	-35.14	-1.58	33.56	no	no	yes	
96543	S BUNDY DR	S BUNDY DR	yes	476.86	683.52	616.93	206.67	140.07	-66.59	yes	yes	no	
96578	20TH ST	20TH ST	yes	30.70	22.78	19.88	-7.92	-10.82	-2.90	no	no	no	
96579	20TH ST	20TH ST	yes	30.70	22.78	19.88	-7.92	-10.82	-2.90	no	no	no	
96608	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	9,422.77	10,489.56	10,475.17	1,066.79	1,052.40	-14.39	yes	yes	no	
96615	E IMPERIAL AVE	E IMPERIAL AVE	yes	885.82	2,313.54	1,987.47	1,427.71	1,101.64	-326.07	yes	yes	no	
96624	20TH ST	20TH ST	yes	30.68	22.79	19.88	-7.90	-10.80	-2.90	no	no	no	
96664	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	23,078.04	33,461.07	27,262.13	10,383.03	4,184.08	-6,198.95	yes	yes	no	
96701	SAWTELLE BLVD	SAWTELLE BLVD	yes	97.45	123.80	113.54	26.34	16.08	-10.26	yes	yes	no	
96705	SAWTELLE BLVD	SAWTELLE BLVD	yes	126.62	151.84	148.84	25.23	22.22	-3.01	yes	yes	no	
96706	BRADDOCK DR	BRADDOCK DR	yes	96.24	122.98	112.22	26.74	15.98	-10.77	yes	yes	no	
96708	BRADDOCK DR	BRADDOCK DR	yes	15.27	21.25	20.85	5.98	5.58	-0.40	yes	yes	no	
96724	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	174.55	247.94	223.45	73.39	48.89	-24.49	yes	yes	no	
96725	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	177.71	251.53	226.91	73.82	49.20	-24.62	yes	yes	no	
96730	MANNING AVE	MANNING AVE	yes	0.03	0.04	0.03	0.00	-0.01	-0.01	no	no	no	
96731	NATIONAL BLVD	NATIONAL BLVD	yes	108.19	171.52	149.94	63.34	41.76	-21.58	yes	yes	no	
96732	NATIONAL BLVD	NATIONAL BLVD	yes	108.15	171.48	149.92	63.33	41.76	-21.57	yes	yes	no	
96734	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	274.00	323.61	307.63	49.61	33.64	-15.97	yes	yes	no	
96742	MANNING AVE	MANNING AVE	yes	5.89	5.27	5.13	-0.62	-0.76	-0.14	no	no	no	
96747	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	751.30	985.52	824.55	234.22	73.26	-160.96	yes	yes	no	
96774	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	384.27	838.85	1,044.87	454.58	660.60	206.02	yes	yes	yes	
96800	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	4,636.18	4,866.22	8,074.63	230.05	3,438.46	3,208.41	yes	yes	yes	
96816	S PRAIRIE AVE	S PRAIRIE AVE	yes	269.77	308.94	276.76	39.17	6.99	-32.18	yes	yes	no	
96824	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	5,015.11	7,256.08	9,342.97	2,240.97	4,327.86	2,086.89	yes	yes	yes	
96826	W 120TH ST	W 120TH ST	yes	91.85	153.91	218.75	62.06	126.90	64.85	yes	yes	yes	
96830	0	0	0	yes	364.83	1,049.55	1,062.92	684.72	698.09	13.37	yes	yes	yes
96831	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	1,233.49	2,586.39	3,428.72	1,352.90	2,195.23	842.33	yes	yes	yes	
96832	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	3,369.52	6,330.11	9,296.82	2,960.59	5,927.30	2,966.71	yes	yes	yes	
96838	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	6,205.87	10,216.04	10,576.50	4,010.17	4,370.63	360.46	yes	yes	yes	
96843	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	6,654.32	8,905.85	7,724.33	2,251.53	1,070.01	-1,181.51	yes	yes	no	
96844	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	6,632.74	8,876.23	7,698.37	2,243.49	1,065.63	-1,177.86	yes	yes	no	
96848	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	14,000.55	18,029.53	17,421.42	4,028.98	3,420.86	-608.12	yes	yes	no	
96853	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	2,062.06	2,678.37	3,028.39	616.31	966.34	350.02	yes	yes	yes	
96864	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	2,559.22	3,737.43	3,388.88	1,178.21	829.66	-348.56	yes	yes	no	

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
96874	HINDRY AVE	HINDRY AVE	yes	87.99	681.97	877.22	593.99	789.23	195.25	yes	yes	yes
96894	0	0	yes	1.22	0.72	0.98	-0.50	-0.24	0.26	no	no	no
96921	S LA BREA AVE	S LA BREA AVE	yes	6,699.92	8,877.69	8,685.04	2,177.77	1,985.13	-192.65	yes	yes	no
96927	S VERMONT AVE	S VERMONT AVE	yes	93.12	139.94	128.87	46.82	35.75	-11.07	yes	yes	no
96928	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	6,746.63	9,044.32	7,846.03	2,297.69	1,099.40	-1,198.29	yes	yes	no
96929	GREEN VALLEY CIR	GREEN VALLEY CIR	yes	92.31	138.48	121.70	46.16	29.39	-16.78	yes	yes	no
96935	W SLAUSON AVE	W SLAUSON AVE	yes	57.21	45.10	44.60	-12.11	-12.61	-0.49	no	no	no
96937	W ROSECRANS AVE	W ROSECRANS AVE	yes	693.50	1,596.17	1,355.96	902.67	662.46	-240.21	yes	yes	no
96938	S LA BREA AVE	S LA BREA AVE	yes	5,696.23	7,474.59	6,973.00	1,778.36	1,276.78	-501.58	yes	yes	no
96945	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	183.36	246.89	177.21	63.53	-6.15	-69.68	yes	no	no
96946	S VERMONT AVE	S VERMONT AVE	yes	163.42	174.00	165.58	10.57	2.16	-8.41	yes	yes	no
96948	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,478.29	5,250.25	5,164.50	1,771.96	1,686.20	-85.75	yes	yes	no
96951	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,092.62	4,562.15	10,839.61	1,469.53	7,746.99	6,277.46	yes	yes	yes
96961	S PRAIRIE AVE	S PRAIRIE AVE	yes	437.78	538.76	503.22	100.99	65.44	-35.54	yes	yes	no
96978	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	428.09	602.42	708.84	174.34	280.75	106.41	yes	yes	yes
96981	NATIONAL BLVD	NATIONAL BLVD	yes	19.43	20.05	27.26	0.62	7.83	7.20	no	yes	yes
96997	0	0	yes	10.08	46.14	15.01	36.06	4.93	-31.13	yes	yes	no
97007	SLAUSON AVE	SLAUSON AVE	yes	61.19	72.79	58.43	11.60	-2.76	-14.35	yes	no	no
97012	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	2,810.53	4,904.50	4,874.85	2,093.97	2,064.32	-29.65	yes	yes	no
97022	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	1,696.04	2,190.46	3,543.31	494.42	1,847.28	1,352.86	yes	yes	yes
97023	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	1,728.72	2,301.52	3,589.25	572.80	1,860.54	1,287.73	yes	yes	yes
97026	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
97029	S HOOVER ST	S HOOVER ST	yes	13.45	20.92	21.15	7.47	7.70	0.23	yes	yes	no
97030	S HOOVER ST	S HOOVER ST	yes	11.60	18.92	17.54	7.32	5.95	-1.38	yes	yes	no
97032	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
97036	W ROSECRANS AVE	W ROSECRANS AVE	yes	8.35	30.30	26.73	21.95	18.38	-3.57	yes	yes	no
97038	S HOOVER ST	S HOOVER ST	yes	312.93	417.50	515.43	104.57	202.50	97.93	yes	yes	yes
97040	W ROSECRANS AVE	W ROSECRANS AVE	yes	19.17	39.04	43.09	19.87	23.92	4.05	yes	yes	yes
97042	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	340.74	421.82	518.70	81.09	177.96	96.88	yes	yes	yes
97050	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	2,370.49	3,564.12	3,679.82	1,193.64	1,309.33	115.70	yes	yes	yes
97058	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	2,370.49	3,564.12	3,679.82	1,193.64	1,309.33	115.70	yes	yes	yes
97059	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	684.65	1,743.59	2,179.91	1,058.94	1,495.25	436.32	yes	yes	yes
97064	CRENSHAW BLVD	CRENSHAW BLVD	yes	62.57	94.10	77.98	31.53	15.41	-16.12	yes	yes	no
97065	CRENSHAW BLVD	CRENSHAW BLVD	yes	62.57	94.10	77.98	31.53	15.41	-16.12	yes	yes	no
97070	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	293.48	383.77	448.45	90.29	154.97	64.68	yes	yes	yes
97072	W CENTURY BLVD	W CENTURY BLVD	yes	9,460.07	17,951.34	19,617.35	8,491.26	10,157.28	1,666.02	yes	yes	yes
97079	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	881.21	1,938.61	2,274.77	1,057.40	1,393.56	336.16	yes	yes	yes
97092	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,378.88	5,246.38	5,540.68	-132.50	161.81	294.30	no	yes	yes
97094	HOWARD HUGHES PKY	HOWARD HUGHES PKY	yes	9,592.02	11,847.36	10,668.41	2,255.34	1,076.39	-1,178.95	yes	yes	no
97096	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	419.07	574.53	459.67	155.46	40.60	-114.86	yes	yes	no
97105	W ROSECRANS AVE	W ROSECRANS AVE	yes	657.21	952.93	812.70	295.72	155.49	-140.23	yes	yes	no
97107	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	13,011.91	18,663.85	20,263.16	5,651.93	7,251.25	1,599.32	yes	yes	yes
97114	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	65.73	135.30	203.25	69.58	137.52	67.95	yes	yes	yes
97125	CRENSHAW BLVD	CRENSHAW BLVD	yes	292.15	280.66	219.97	-11.49	-72.18	-60.68	no	no	no
97126	CRENSHAW BLVD	CRENSHAW BLVD	yes	292.15	280.66	219.97	-11.49	-72.18	-60.68	no	no	no
97133	S LA BREA AVE	S LA BREA AVE	yes	8,351.50	11,367.91	10,696.80	3,016.42	2,345.31	-671.11	yes	yes	no
97141	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	212.14	337.46	350.92	125.32	138.79	13.47	yes	yes	yes
97142	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	213.79	342.07	364.50	128.28	150.71	22.43	yes	yes	yes
97143	W CENTURY BLVD	W CENTURY BLVD	yes	28,303.70	40,588.95	43,230.10	12,285.25	14,926.40	2,641.15	yes	yes	yes
97154	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
97158	S GRAND AVE	S GRAND AVE	yes	1.65	4.61	13.57	2.96	11.92	8.96	yes	yes	yes
97166	0	0	yes	647.94	1,057.75	1,264.14	409.81	616.20	206.39	yes	yes	yes
97168	0	0	yes	0.00	0.00	0.01	0.00	0.01	0.01	no	no	no
97173	0	0	yes	779.77	1,175.92	1,294.51	396.14	514.73	118.59	yes	yes	yes
97175	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,135.41	1,394.70	1,351.27	259.29	215.87	-43.42	yes	yes	no
97176	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,051.60	1,297.31	1,280.88	245.71	229.28	-16.43	yes	yes	no
97178	W CENTURY BLVD	W CENTURY BLVD	yes	5,381.38	10,650.24	9,822.10	5,288.85	4,440.72	-828.13	yes	yes	no
97180	0	0	yes	111.44	177.40	179.41	65.96	67.97	2.01	yes	yes	yes
97183	0	0	yes	8.09	8.78	7.90	0.69	-0.19	-0.88	no	no	no
97184	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
97185	W CENTURY BLVD	W CENTURY BLVD	yes	4,613.32	9,427.83	8,799.87	4,814.51	4,186.55	-627.96	yes	yes	no
97187	S GRAND AVE	S GRAND AVE	yes	24.28	21.48	19.37	-2.80	-4.91	-2.11	no	no	no
97189	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	1,015.40	1,902.36	8,981.37	886.96	7,965.97	7,079.01	yes	yes	yes
97191	0	0	yes	4,048.48	5,898.12	6,153.91	1,849.64	2,105.44	255.80	yes	yes	yes
97192	I 110 HOV	I 110 HOV	yes	264.95	356.33	359.10	91.39	94.16	2.77	yes	yes	yes
97197	0	0	yes	119.71	216.57	400.02	96.86	280.31	183.45	yes	yes	yes
97198	0	0	yes	37.09	30.33	27.79	-6.76	-9.30	-2.54	no	no	no
97199	W 37TH ST	W 37TH ST	yes	58.02	42.34	45.83	-15.67	-12.19	3.49	no	no	yes
97202	HOWARD HUGHES PKY	HOWARD HUGHES PKY	yes	17,166.99	21,942.91	19,674.69	4,775.92	2,507.70	-2,268.22	yes	yes	no
97203	W MANCHESTER AVE	W MANCHESTER AVE	yes	357.71	643.71	730.33	286.01	372.63	86.62	yes	yes	yes

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
97206	EXPOSITION BLVD	EXPOSITION BLVD	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
97208	W 51ST ST	W 51ST ST	yes	351.84	304.05	281.00	-47.78	-70.84	-23.06	no	no	no
97209	W 51ST ST	W 51ST ST	yes	361.68	311.57	292.44	-50.11	-69.24	-19.13	no	no	no
97213	W CENTURY BLVD	W CENTURY BLVD	yes	2,820.71	5,752.41	5,391.15	2,931.70	2,570.45	-361.26	yes	yes	no
97214	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	558.19	548.30	528.31	-9.89	-29.88	-19.99	no	no	no
97215	S HILL ST	S HILL ST	yes	116.08	195.97	193.24	79.89	77.16	-2.73	yes	yes	no
97216	S HILL ST	S HILL ST	yes	616.81	694.96	667.74	78.16	50.93	-27.23	yes	yes	no
97218	W SLAUSON AVE	W SLAUSON AVE	yes	835.69	763.19	863.34	-72.50	27.65	100.15	no	yes	yes
97220	S HOPE ST	S HOPE ST	yes	27.77	32.98	39.15	5.20	11.38	6.17	yes	yes	yes
97223	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	13,222.28	18,219.90	15,092.58	4,997.62	1,870.30	-3,127.32	yes	yes	no
97224	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	6,589.35	9,821.53	8,608.81	3,232.17	2,019.45	-1,212.72	yes	yes	no
98523	W ADAMS BLVD	W ADAMS BLVD	yes	269.79	307.17	277.31	37.38	7.52	-29.86	yes	yes	no
98529	W 23RD ST	W 23RD ST	yes	7.80	18.15	8.78	10.34	0.98	-9.36	yes	no	no
98533	S FIGUEROA ST	S FIGUEROA ST	yes	841.56	1,067.96	1,065.12	226.40	223.56	-2.83	yes	yes	no
98535	S MAIN ST	S MAIN ST	yes	2.69	5.55	2.83	2.86	0.14	-2.72	yes	no	no
100541	S DOUGLAS ST	S DOUGLAS ST	yes	209.70	326.39	329.20	116.69	119.50	2.81	yes	yes	yes
100542	S DOUGLAS ST	S DOUGLAS ST	yes	341.07	507.77	492.42	166.70	151.36	-15.34	yes	yes	no
100909	W 108TH ST	W 108TH ST	yes	18.63	42.60	27.24	23.98	8.62	-15.36	yes	yes	no
100910	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	176.69	269.14	255.39	92.45	78.70	-13.75	yes	yes	no
100911	S BROADWAY	S BROADWAY	yes	30.68	32.33	56.55	1.65	25.87	24.22	yes	yes	yes
100912	W 108TH ST	W 108TH ST	yes	22.28	44.10	29.62	21.82	7.34	-14.48	yes	yes	no
100913	S BROADWAY	S BROADWAY	yes	26.13	26.95	53.23	0.81	27.09	26.28	no	yes	yes
100914	W CENTURY BLVD	W CENTURY BLVD	yes	1,944.73	4,224.97	3,875.74	2,280.24	1,931.01	-349.23	yes	yes	no
100953	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	405.33	564.11	471.80	158.78	66.47	-92.31	yes	yes	no
100954	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	405.33	564.11	471.80	158.78	66.47	-92.31	yes	yes	no
100955	CULVER BLVD	CULVER BLVD	yes	262.41	330.14	329.86	67.74	67.45	-0.29	yes	yes	no
100956	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	419.03	584.56	483.62	165.53	64.60	-100.93	yes	yes	no
100957	CULVER BLVD	CULVER BLVD	yes	215.99	280.10	281.32	64.11	65.33	1.22	yes	yes	yes
100972	EMERSON AVE	EMERSON AVE	yes	382.05	504.40	486.52	122.35	104.47	-17.88	yes	yes	no
100974	W 83RD ST	W 83RD ST	yes	9.68	16.79	1.65	7.11	-8.03	-15.14	yes	no	no
100975	MILDRED AVE	MILDRED AVE	yes	4,887.94	6,073.57	5,611.58	1,185.63	723.64	-461.99	yes	yes	no
100976	VENICE BLVD	VENICE BLVD	yes	2.81	12.48	2.69	9.67	-0.12	-9.79	yes	no	no
100977	MOTOR AVE	MOTOR AVE	yes	145.67	217.82	200.62	72.15	54.95	-17.20	yes	yes	no
101002	WASHINGTON BLVD	WASHINGTON BLVD	yes	23.74	25.27	25.06	1.53	1.33	-0.21	yes	yes	no
101003	OVERLAND AVE	OVERLAND AVE	yes	1,071.35	1,475.13	1,330.80	403.78	259.45	-144.33	yes	yes	no
101004	OVERLAND AVE	OVERLAND AVE	yes	1,257.65	1,760.02	1,592.37	502.37	334.73	-167.64	yes	yes	no
101005	WASHINGTON BLVD	WASHINGTON BLVD	yes	179.84	274.96	255.43	95.11	75.58	-19.53	yes	yes	no
101016	PICO BLVD	PICO BLVD	yes	30.67	22.61	19.56	-8.07	-11.11	-3.04	no	no	no
101017	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	236.10	319.74	278.28	83.64	42.18	-41.46	yes	yes	no
101018	OLYMPIC BLVD	OLYMPIC BLVD	yes	6.23	9.08	4.80	2.85	-1.43	-4.28	yes	no	no
101019	STEWART ST	STEWART ST	yes	3.29	4.56	3.56	1.27	0.28	-1.00	yes	yes	no
101023	MOTOR AVE	MOTOR AVE	yes	157.37	234.24	216.46	76.87	59.09	-17.78	yes	yes	no
101024	NATIONAL BLVD	NATIONAL BLVD	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
101025	CULVER BLVD	CULVER BLVD	yes	226.48	285.31	286.39	58.83	59.91	1.08	yes	yes	yes
101032	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	38.29	34.98	24.45	-3.30	-13.84	-10.53	no	no	no
101033	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	572.27	840.13	724.95	267.86	152.69	-115.18	yes	yes	no
101034	JEFFERSON BLVD	JEFFERSON BLVD	yes	21.65	19.74	18.98	-1.90	-2.66	-0.76	no	no	no
101035	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	559.40	830.15	724.05	270.75	164.66	-106.09	yes	yes	no
101044	EMERSON AVE	EMERSON AVE	yes	455.22	556.59	595.21	101.37	139.99	38.62	yes	yes	yes
101045	W MANCHESTER AVE	W MANCHESTER AVE	yes	889.96	1,182.03	552.62	282.07	-337.33	-629.40	yes	no	no
101046	W MANCHESTER AVE	W MANCHESTER AVE	yes	550.96	766.96	177.52	216.00	-373.44	-589.44	yes	no	no
101052	BRADDOCK DR	BRADDOCK DR	yes	7.64	7.32	8.58	-0.32	0.94	1.26	no	no	yes
101055	WASHINGTON BLVD	WASHINGTON BLVD	yes	460.43	905.36	785.92	444.93	325.49	-119.43	yes	yes	no
101056	PACIFIC AVE	PACIFIC AVE	yes	460.43	905.36	785.92	444.93	325.49	-119.43	yes	yes	no
101057	PACIFIC AVE	PACIFIC AVE	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
101075	WASHINGTON BLVD	WASHINGTON BLVD	yes	23.72	25.27	24.98	1.55	1.26	-0.29	yes	yes	no
101076	WASHINGTON PL	WASHINGTON PL	yes	3.54	4.32	3.99	0.78	0.45	-0.33	no	no	no
101097	N VENICE BLVD	N VENICE BLVD	yes	113.57	152.76	81.20	39.18	-32.37	-71.56	yes	no	no
101098	VENICE WAY	VENICE WAY	yes	4,776.46	5,933.06	5,541.84	1,156.60	765.38	-391.22	yes	yes	no
101099	PALMS BLVD	PALMS BLVD	yes	65.91	77.38	73.79	11.47	7.89	-3.59	yes	yes	no
101100	MOTOR AVE	MOTOR AVE	yes	182.16	276.98	255.92	94.82	73.76	-21.05	yes	yes	no
101101	PALMS BLVD	PALMS BLVD	yes	24.44	37.66	33.27	13.22	8.83	-4.39	yes	yes	no
101102	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	155.90	126.23	102.51	-29.68	-53.40	-23.72	no	no	no
101103	W CENTINELA AVE	W CENTINELA AVE	yes	117.21	89.03	75.85	-28.18	-41.36	-13.18	no	no	no
101130	SANTA MONICA BLVD	SANTA MONICA BLVD	yes	0.04	0.16	0.18	0.12	0.15	0.03	no	no	no
101140	WASHINGTON BLVD	WASHINGTON BLVD	yes	690.21	1,211.62	1,072.63	521.40	382.42	-138.98	yes	yes	no
101149	W ROSECRANS AVE	W ROSECRANS AVE	yes	452.17	589.53	580.89	137.36	128.72	-8.64	yes	yes	no
101151	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	102.09	65.52	46.68	-36.57	-55.41	-18.84	no	no	no
101152	S CENTINELA AVE	S CENTINELA AVE	yes	175.82	288.53	242.09	112.71	66.27	-46.44	yes	yes	no
101172	OVERLAND AVE	OVERLAND AVE	yes	1,016.29	1,404.10	1,268.40	387.81	252.10	-135.71	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
101173	OVERLAND AVE	OVERLAND AVE	yes	1,047.48	1,446.07	1,305.37	398.59	257.89	-140.70	yes	yes	no
101174	VENICE BLVD	VENICE BLVD	yes	13.54	12.58	17.08	-0.97	3.53	4.50	no	yes	yes
101180	COLORADO AVE	COLORADO AVE	yes	1.40	1.59	0.68	0.20	-0.72	-0.91	no	no	no
101186	PALMS BLVD	PALMS BLVD	yes	53.23	68.10	69.94	14.87	16.71	1.84	yes	yes	yes
101187	OVERLAND AVE	OVERLAND AVE	yes	930.90	1,299.70	1,174.69	368.80	243.79	-125.01	yes	yes	no
101188	VENICE BLVD	VENICE BLVD	yes	32.14	36.26	34.88	4.12	2.75	-1.37	yes	yes	no
101213	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	10,913.23	15,455.68	13,282.55	4,542.45	2,369.32	-2,173.13	yes	yes	no
101214	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	9,850.36	14,059.22	12,017.06	4,208.85	2,166.69	-2,042.16	yes	yes	no
101215	E MARIPOSA AVE	E MARIPOSA AVE	yes	220.07	218.26	261.14	-1.81	41.07	42.88	no	yes	yes
101220	SANTA MONICA BLVD	SANTA MONICA BLVD	yes	0.57	1.06	0.91	0.49	0.34	-0.15	no	no	no
101259	14TH ST	14TH ST	yes	3.44	4.57	4.33	1.13	0.89	-0.24	yes	no	no
101265	JEFFERSON BLVD	JEFFERSON BLVD	yes	3,373.63	4,371.18	3,818.26	997.55	444.63	-552.92	yes	yes	no
101266	JEFFERSON BLVD	JEFFERSON BLVD	yes	49.25	54.07	81.76	4.81	32.50	27.69	yes	yes	yes
101267	SLAUSON AVE	SLAUSON AVE	yes	3,327.11	4,328.25	3,746.35	1,001.14	419.24	-581.90	yes	yes	no
101268	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	11,010.58	15,581.93	13,399.70	4,571.35	2,389.12	-2,182.23	yes	yes	no
101272	PACIFIC AVE	PACIFIC AVE	yes	3,195.09	4,462.92	4,040.00	1,267.84	844.92	-422.92	yes	yes	no
101274	14TH ST	14TH ST	yes	11.99	14.42	13.50	2.43	1.51	-0.92	yes	yes	no
101276	CASTLE HEIGHTS AVE	CASTLE HEIGHTS AVE	yes	112.40	180.10	156.95	67.69	44.55	-23.14	yes	yes	no
101284	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	7,068.62	9,418.72	8,397.33	2,350.10	1,328.71	-1,021.39	yes	yes	no
101285	W ROSECRANS AVE	W ROSECRANS AVE	yes	466.69	1,593.99	1,589.72	1,127.31	1,123.03	-4.28	yes	yes	no
101288	BROADWAY	BROADWAY	yes	0.16	0.17	0.13	0.01	-0.03	-0.04	no	no	no
101289	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	35.46	42.13	38.96	6.67	3.50	-3.17	yes	yes	no
101290	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	77.89	94.67	89.52	16.78	11.63	-5.15	yes	yes	no
101291	BROADWAY	BROADWAY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
101302	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	47.35	59.79	57.52	12.44	10.17	-2.27	yes	yes	no
101303	LINCOLN BLVD	LINCOLN BLVD	yes	6,385.05	8,036.39	7,215.29	1,651.34	830.24	-821.10	yes	yes	no
101312	26TH ST	26TH ST	yes	61.95	85.22	82.07	23.26	20.12	-3.14	yes	yes	no
101314	20TH ST	20TH ST	yes	70.08	63.24	57.49	-6.84	-12.59	-5.75	no	no	no
101319	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	6,639.08	8,853.01	7,862.84	2,213.93	1,223.76	-990.17	yes	yes	no
101323	VALLEY DR	VALLEY DR	yes	429.54	565.71	534.49	136.17	104.95	-31.22	yes	yes	no
101325	COLORADO AVE	COLORADO AVE	yes	11.61	9.88	10.44	-1.73	0.55	-1.18	no	no	no
101326	20TH ST	20TH ST	yes	44.68	40.78	36.10	-3.89	-8.57	-4.68	no	no	no
101330	SANTA MONICA BLVD	SANTA MONICA BLVD	yes	0.13	0.05	0.05	-0.07	-0.07	0.00	no	no	no
101332	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	31,296.13	40,623.42	35,536.92	9,327.29	4,240.79	-5,086.50	yes	yes	no
101333	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	27,661.17	35,830.22	31,386.26	8,169.05	3,725.08	-4,443.97	yes	yes	no
101348	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	17,799.22	23,142.93	18,349.33	5,343.71	550.11	-4,793.60	yes	yes	no
101349	W CENTURY BLVD	W CENTURY BLVD	yes	47,595.63	63,358.28	49,031.36	15,762.65	1,435.74	-14,326.92	yes	yes	no
101356	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	32,928.42	42,434.35	37,578.28	9,505.93	4,649.86	-4,856.07	yes	yes	no
101357	WESTCHESTER PKY	WESTCHESTER PKY	yes	1,488.96	1,972.50	2,030.01	483.54	541.06	57.51	yes	yes	yes
101358	WESTCHESTER PKY	WESTCHESTER PKY	yes	2,399.22	2,924.79	3,185.78	525.57	786.56	260.99	yes	yes	yes
101359	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	18,193.85	22,858.49	20,681.09	4,664.64	2,487.24	-2,177.40	yes	yes	no
101374	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	26,976.60	34,952.70	30,574.75	7,976.09	3,598.14	-4,377.95	yes	yes	no
101375	W MANCHESTER AVE	W MANCHESTER AVE	yes	702.31	927.68	287.43	225.37	-414.88	-640.25	yes	no	no
101378	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	18,088.71	22,924.81	19,754.53	4,836.09	1,665.81	-3,170.28	yes	yes	no
101379	LINCOLN BLVD	LINCOLN BLVD	yes	7,773.21	10,083.90	9,283.23	2,310.69	1,510.02	-800.67	yes	yes	no
101380	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	25,861.92	33,008.71	29,037.75	7,146.79	3,175.83	-3,970.96	yes	yes	no
101389	WASHINGTON BLVD	WASHINGTON BLVD	yes	13.68	15.53	15.06	1.85	1.38	-0.47	yes	yes	no
101390	DUQUESNE AVE	DUQUESNE AVE	yes	204.08	306.85	266.80	102.77	62.72	-40.06	yes	yes	no
101391	WASHINGTON BLVD	WASHINGTON BLVD	yes	1.17	2.30	2.13	1.13	0.96	-0.17	yes	no	no
101395	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	69,529.29	83,169.00	74,690.73	13,639.72	5,161.44	-8,478.28	yes	yes	no
101404	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	9,266.40	13,401.17	11,368.45	4,134.77	2,102.06	-2,032.72	yes	yes	no
101405	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	1,439.38	1,854.00	1,844.07	414.62	404.69	-9.94	yes	yes	no
101406	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	1,097.65	1,721.89	1,047.98	624.24	-49.67	-673.91	yes	no	no
101408	E GRAND AVE	E GRAND AVE	yes	87.24	140.84	125.98	53.60	38.75	-14.85	yes	yes	no
101413	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	18,071.39	22,836.19	20,582.53	4,764.80	2,511.14	-2,253.66	yes	yes	no
101414	LINCOLN BLVD	LINCOLN BLVD	yes	7,778.49	10,088.53	9,287.88	2,310.04	1,509.40	-800.64	yes	yes	no
101418	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	1,771.83	5,558.26	1,884.15	3,786.44	-112.33	-3,674.11	yes	yes	no
101419	LINCOLN BLVD	LINCOLN BLVD	yes	25,185.82	31,919.49	29,273.92	6,733.66	4,088.10	-2,645.57	yes	yes	no
101420	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	11,795.34	14,268.37	14,184.15	2,473.03	2,388.80	-84.22	yes	yes	no
101421	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	1,787.97	7,357.37	1,940.92	5,569.40	152.94	-5,416.46	yes	yes	no
101436	26TH ST	26TH ST	yes	134.13	160.85	146.87	26.72	12.74	-13.98	yes	yes	no
101437	26TH ST	26TH ST	yes	136.54	164.31	149.66	27.76	13.12	-14.64	yes	yes	no
101438	OLYMPIC BLVD	OLYMPIC BLVD	yes	4.01	5.80	2.19	1.79	-1.82	-3.61	yes	no	no
101442	OVERLAND AVE	OVERLAND AVE	yes	2,144.41	2,937.92	2,562.21	793.51	417.80	-375.71	yes	yes	no
101443	CULVER BLVD	CULVER BLVD	yes	1,112.14	1,461.46	1,254.70	349.31	142.55	-206.76	yes	yes	no
101447	S VENICE BLVD	S VENICE BLVD	yes	84.85	116.55	100.56	31.71	15.71	-15.99	yes	yes	no
101459	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	102.39	116.18	115.64	13.79	13.25	-0.54	yes	yes	no
101460	PACIFIC AVE	PACIFIC AVE	yes	440.42	888.38	755.13	447.96	314.71	-133.24	yes	yes	no
101469	COLORADO AVE	COLORADO AVE	yes	3.52	5.44	2.99	1.92	-0.53	-2.45	yes	no	no
101470	COLORADO AVE	COLORADO AVE	yes	0.46	0.69	0.70	0.23	0.24	0.01	no	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
101471	26TH ST	26TH ST	yes	109.90	133.90	124.78	24.00	14.88	-9.12	yes	yes	no
101472	MOTOR AVE	MOTOR AVE	yes	155.71	246.43	227.75	90.71	72.03	-18.68	yes	yes	no
101478	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	0.63	0.93	1.00	0.30	0.36	0.07	no	no	no
101484	W CENTINELA AVE	W CENTINELA AVE	yes	689.47	929.16	800.80	239.68	111.33	-128.35	yes	yes	no
101488	VENICE BLVD	VENICE BLVD	yes	36.94	44.96	44.73	8.03	7.79	-0.23	yes	yes	no
101489	MOTOR AVE	MOTOR AVE	yes	164.25	256.25	235.25	92.00	71.00	-21.00	yes	yes	no
101490	LINCOLN BLVD	LINCOLN BLVD	yes	6,434.54	8,096.53	7,273.10	1,661.99	838.56	-823.43	yes	yes	no
101491	ROSE AVE	ROSE AVE	yes	10.70	14.88	14.46	4.19	3.77	-0.42	yes	yes	no
101506	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	6,372.86	7,290.39	7,269.71	917.53	896.85	-20.68	yes	yes	no
101507	PICO BLVD	PICO BLVD	yes	7.67	9.26	8.38	1.59	0.71	-0.89	yes	no	no
101511	VENICE BLVD	VENICE BLVD	yes	23.60	26.43	27.37	2.84	3.77	0.94	yes	yes	no
101515	OVERLAND AVE	OVERLAND AVE	yes	2,173.37	3,007.58	2,615.96	834.21	442.59	-391.61	yes	yes	no
101521	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	93.73	109.63	104.47	15.91	10.75	-5.16	yes	yes	no
101529	NATIONAL BLVD	NATIONAL BLVD	yes	4.46	8.81	7.24	4.36	2.79	-1.57	yes	yes	no
101530	OLYMPIC BLVD	OLYMPIC BLVD	yes	12.18	11.65	12.56	-0.54	0.38	0.92	no	no	no
101534	OVERLAND AVE	OVERLAND AVE	yes	2,175.89	3,011.95	2,620.10	836.07	444.21	-391.85	yes	yes	no
101535	MAIN ST	MAIN ST	yes	2,355.00	2,780.15	2,619.15	425.14	264.15	-161.00	yes	yes	no
101536	BROOKS AVE	BROOKS AVE	yes	2,292.81	2,723.88	2,572.24	431.06	279.43	-151.64	yes	yes	no
101542	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	62.19	56.27	46.91	-5.92	-15.28	-9.36	no	no	no
101543	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	78.51	70.66	100.19	-7.85	21.68	29.53	no	yes	yes
101544	26TH ST	26TH ST	yes	61.79	85.11	81.94	23.32	20.15	-3.17	yes	yes	no
101554	MAIN ST	MAIN ST	yes	1,351.63	1,588.94	1,515.54	237.31	163.91	-73.40	yes	yes	no
101564	SAWTELLE BLVD	SAWTELLE BLVD	yes	137.50	252.64	171.50	115.13	34.00	-81.14	yes	yes	no
101565	CULVER BLVD	CULVER BLVD	yes	219.60	371.59	296.28	152.00	76.68	-75.31	yes	yes	no
101567	MARINA FWY	MARINA FWY	yes	16.44	21.93	38.20	5.49	21.76	16.27	yes	yes	yes
101568	MARINA FWY	MARINA FWY	yes	13.71	19.45	36.43	5.74	22.72	16.98	yes	yes	yes
101573	PERSHING DR	PERSHING DR	yes	2,845.94	3,312.31	3,271.65	466.37	425.71	-40.66	yes	yes	no
101574	PERSHING DR	PERSHING DR	yes	3,312.84	3,963.50	3,906.99	650.66	594.15	-56.50	yes	yes	no
101575	OVERLAND AVE	OVERLAND AVE	yes	984.31	1,326.66	1,239.79	342.34	255.48	-86.87	yes	yes	no
101579	PALMS BLVD	PALMS BLVD	yes	0.34	0.57	0.53	0.23	0.20	-0.04	no	no	no
101580	PALMS BLVD	PALMS BLVD	yes	0.00	0.02	0.03	0.03	0.03	0.00	no	no	no
101582	BEETHOVEN ST	BEETHOVEN ST	yes	13.93	11.26	12.95	-2.66	-0.98	1.68	no	no	yes
101583	VENICE BLVD	VENICE BLVD	yes	0.19	0.46	0.30	0.27	0.11	-0.16	no	no	yes
101584	BEETHOVEN ST	BEETHOVEN ST	yes	13.95	11.09	13.01	-2.85	-0.93	1.92	no	no	yes
101588	GATEWAY BLVD	GATEWAY BLVD	yes	0.68	1.19	0.91	0.51	0.22	-0.29	no	no	no
101589	W PICO BLVD	W PICO BLVD	yes	3.36	3.69	3.39	0.33	0.02	-0.30	no	no	no
101590	W PICO BLVD	W PICO BLVD	yes	4.93	5.32	5.35	0.39	0.41	0.03	no	no	no
101593	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	195.77	230.87	227.89	35.10	32.11	-2.99	yes	yes	no
101594	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	197.80	239.24	227.12	41.45	29.32	-12.13	yes	yes	no
101595	VENICE BLVD	VENICE BLVD	yes	19.48	19.88	27.63	0.40	8.16	7.76	no	yes	yes
101599	VENICE BLVD	VENICE BLVD	yes	0.74	0.74	1.35	0.60	0.60	0.61	no	no	no
101600	BEETHOVEN ST	BEETHOVEN ST	yes	31.55	29.91	27.63	-1.64	-3.92	-2.28	no	no	no
101616	LINCOLN BLVD	LINCOLN BLVD	yes	7,499.58	9,400.04	8,519.75	1,900.46	1,020.17	-880.29	yes	yes	no
101617	LINCOLN BLVD	LINCOLN BLVD	yes	7,499.58	9,400.04	8,519.75	1,900.46	1,020.17	-880.29	yes	yes	no
101618	W MANCHESTER AVE	W MANCHESTER AVE	yes	425.97	469.25	462.32	43.28	36.35	-6.93	yes	yes	no
101620	MANCHESTER AVE	MANCHESTER AVE	yes	235.24	242.03	243.68	6.79	8.44	1.65	yes	yes	yes
101624	S BARRINGTON AVE	S BARRINGTON AVE	yes	159.88	201.27	205.13	41.39	45.25	3.86	yes	yes	yes
101625	S BARRINGTON AVE	S BARRINGTON AVE	yes	234.94	302.22	299.41	67.29	64.47	-2.81	yes	yes	no
101626	GATEWAY BLVD	GATEWAY BLVD	yes	18.38	20.19	18.20	1.81	-0.18	-1.99	yes	no	no
101638	S CENTINELA AVE	S CENTINELA AVE	yes	545.50	723.03	650.79	177.53	105.29	-72.24	yes	yes	no
101639	S CENTINELA AVE	S CENTINELA AVE	yes	568.14	734.82	668.62	166.67	100.47	-66.20	yes	yes	no
101640	SHORT AVE	SHORT AVE	yes	26.05	53.58	44.73	27.54	18.68	-8.85	yes	yes	no
101643	MARINA FWY	MARINA FWY	yes	16.44	21.93	38.20	5.49	21.76	16.27	yes	yes	yes
101644	LINCOLN BLVD	LINCOLN BLVD	yes	9,898.42	12,595.12	11,419.48	2,696.70	1,521.06	-1,175.64	yes	yes	no
101645	MINDANAO WAY	MINDANAO WAY	yes	1,914.51	2,344.75	2,190.48	430.24	275.98	-154.26	yes	yes	no
101646	ADMIRALTY WAY	ADMIRALTY WAY	yes	1,548.61	2,112.78	1,934.70	564.17	386.09	-178.08	yes	yes	no
101647	ADMIRALTY WAY	ADMIRALTY WAY	yes	3,297.55	4,519.04	4,078.73	1,221.49	781.18	-440.32	yes	yes	no
101656	LOUISE AVE	LOUISE AVE	yes	0.40	0.51	0.34	0.12	-0.06	-0.17	no	no	no
101657	S CENTINELA AVE	S CENTINELA AVE	yes	540.80	716.96	645.14	176.16	104.33	-71.83	yes	yes	no
101663	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	720.28	835.03	825.59	114.76	105.31	-9.44	yes	yes	no
101664	CULVER BLVD	CULVER BLVD	yes	1,936.17	2,252.60	2,231.33	316.44	295.16	-21.27	yes	yes	no
101665	CULVER BLVD	CULVER BLVD	yes	2,657.21	3,088.23	3,057.43	431.01	400.22	-30.79	yes	yes	no
101672	MINDANAO WAY	MINDANAO WAY	yes	235.98	321.62	300.86	85.64	64.88	-20.76	yes	yes	no
101673	LINCOLN BLVD	LINCOLN BLVD	yes	12,040.97	15,250.17	13,890.40	3,209.20	1,849.43	-1,359.77	yes	yes	no
101681	PERSHING DR	PERSHING DR	yes	3,347.83	3,938.85	3,900.20	591.01	552.37	-38.64	yes	yes	no
101682	WESTCHESTER PKY	WESTCHESTER PKY	yes	843.67	1,134.97	1,114.87	291.29	271.20	-20.10	yes	yes	no
101693	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	197.09	231.74	229.74	34.65	32.65	-2.00	yes	yes	no
101694	VENICE BLVD	VENICE BLVD	yes	2.49	2.45	2.73	-0.04	0.23	0.28	no	no	no
101709	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	177.20	256.36	245.37	79.16	68.17	-10.99	yes	yes	no
101710	WASHINGTON PL	WASHINGTON PL	yes	0.29	1.51	0.85	1.22	0.56	-0.66	yes	no	no

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101711	WASHINGTON PL	WASHINGTON PL	yes	1.26	2.15	2.50	0.89	1.24	0.36	no	yes	no
101712	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	165.14	240.49	231.49	75.35	66.35	-9.00	yes	yes	no
101713	BROOKHAVEN AVE	BROOKHAVEN AVE	yes	3.66	4.16	5.28	0.50	1.62	1.12	no	yes	yes
101714	S BARRINGTON AVE	S BARRINGTON AVE	yes	165.38	207.21	212.28	41.83	46.91	5.07	yes	yes	yes
101715	CULVER BLVD	CULVER BLVD	yes	671.36	841.87	785.74	170.50	114.37	-56.13	yes	yes	no
101716	CULVER BLVD	CULVER BLVD	yes	705.66	876.80	818.39	171.14	112.72	-58.41	yes	yes	no
101717	BRADDOCK DR	BRADDOCK DR	yes	7.05	10.32	9.03	3.27	1.98	-1.29	yes	yes	no
101719	NATIONAL BLVD	NATIONAL BLVD	yes	15.11	25.40	20.61	10.29	5.50	-4.79	yes	yes	no
101720	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	135.89	205.55	193.99	69.66	58.10	-11.57	yes	yes	no
101721	NATIONAL BLVD	NATIONAL BLVD	yes	33.69	58.64	60.37	24.95	26.68	1.73	yes	yes	yes
101722	WASHINGTON BLVD	WASHINGTON BLVD	yes	507.87	632.30	578.96	124.43	71.09	-53.34	yes	yes	no
101723	WASHINGTON BLVD	WASHINGTON BLVD	yes	298.32	366.95	349.10	68.63	50.78	-17.85	yes	yes	no
101724	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	291.27	458.58	434.99	167.31	143.72	-23.59	yes	yes	no
101725	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	515.03	720.09	681.98	205.06	166.95	-38.11	yes	yes	no
101726	LOUISE AVE	LOUISE AVE	yes	224.08	261.83	247.19	37.75	23.11	-14.64	yes	yes	no
101730	NATIONAL BLVD	NATIONAL BLVD	yes	83.00	73.09	71.76	-9.90	-11.24	-1.34	no	no	no
101731	WESTWOOD BLVD	WESTWOOD BLVD	yes	21.57	25.49	24.44	3.91	2.87	-1.04	yes	yes	no
101740	CULVER BLVD	CULVER BLVD	yes	278.74	371.93	357.74	93.19	79.00	-14.19	yes	yes	no
101741	S CENTINELA AVE	S CENTINELA AVE	yes	175.51	264.88	240.62	89.36	65.11	-24.26	yes	yes	no
101745	S CENTINELA AVE	S CENTINELA AVE	yes	538.59	754.74	677.46	216.15	138.86	-77.28	yes	yes	no
101746	S BUNDY DR	S BUNDY DR	yes	531.96	757.09	676.82	225.13	144.87	-80.26	yes	yes	no
101773	W PICO BLVD	W PICO BLVD	yes	13.34	17.69	15.32	4.35	1.98	-2.37	yes	yes	no
101774	S BARRINGTON AVE	S BARRINGTON AVE	yes	224.74	289.34	286.43	64.60	61.69	-2.91	yes	yes	no
101782	LINCOLN BLVD	LINCOLN BLVD	yes	13,804.60	17,773.51	16,160.03	3,968.91	2,355.43	-1,613.48	yes	yes	no
101783	LINCOLN BLVD	LINCOLN BLVD	yes	6,761.82	8,690.11	8,135.02	1,928.29	1,373.21	-555.08	yes	yes	no
101785	WASHINGTON BLVD	WASHINGTON BLVD	yes	82.28	161.76	148.54	79.48	66.26	-13.23	yes	yes	no
101786	WASHINGTON BLVD	WASHINGTON BLVD	yes	25.64	30.49	31.16	4.85	5.52	0.67	yes	yes	no
101787	SAWTELLE BLVD	SAWTELLE BLVD	yes	166.15	221.80	213.44	55.65	47.29	-8.36	yes	yes	no
101792	VISTA DEL MAR BLVD	VISTA DEL MAR BLVD	yes	329.92	404.31	399.03	74.39	69.11	-5.28	yes	yes	no
101793	N HIGHLAND AVE	N HIGHLAND AVE	yes	321.83	396.51	391.97	74.68	70.14	-4.54	yes	yes	no
101805	WASHINGTON BLVD	WASHINGTON BLVD	yes	30.09	25.74	22.06	-4.35	-8.03	-3.68	no	no	no
101806	WALGROVE AVE	WALGROVE AVE	yes	477.80	606.58	556.90	128.78	79.11	-49.68	yes	yes	no
101817	LINCOLN BLVD	LINCOLN BLVD	yes	13,826.70	17,810.80	16,184.48	3,984.10	2,357.78	-1,626.32	yes	yes	no
101834	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	199.77	241.25	229.88	41.48	30.11	-11.37	yes	yes	no
101835	WASHINGTON PL	WASHINGTON PL	yes	0.91	1.52	1.34	0.61	0.43	-0.18	no	no	no
101841	PALMS BLVD	PALMS BLVD	yes	28.45	16.41	18.25	-12.04	-10.19	1.84	no	no	yes
101842	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	290.12	397.59	341.22	107.46	51.10	-56.37	yes	yes	no
101843	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	368.22	475.04	422.62	106.82	54.40	-52.41	yes	yes	no
101844	GRAND AVE	GRAND AVE	yes	44.46	55.12	54.78	10.66	10.32	-0.34	yes	yes	no
101845	W GRAND AVE	W GRAND AVE	yes	44.33	54.06	54.19	9.73	9.86	0.13	yes	yes	no
101854	LINCOLN BLVD	LINCOLN BLVD	yes	13,946.35	17,797.45	16,198.21	3,851.10	2,251.86	-1,599.24	yes	yes	no
101859	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	297.85	374.03	366.53	76.18	68.67	-7.50	yes	yes	no
101860	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	6,222.53	7,113.85	7,098.27	891.32	875.75	-15.58	yes	yes	no
101870	VENICE BLVD	VENICE BLVD	yes	9.26	12.83	12.29	3.57	3.03	-0.54	yes	yes	no
101871	WASHINGTON PL	WASHINGTON PL	yes	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
101872	WASHINGTON PL	WASHINGTON PL	yes	1.42	4.32	3.80	2.90	2.37	-0.52	yes	yes	no
101873	WASHINGTON BLVD	WASHINGTON BLVD	yes	1.41	4.31	3.78	2.89	2.37	-0.52	yes	yes	no
101880	SAWTELLE BLVD	SAWTELLE BLVD	yes	175.98	206.56	198.16	30.58	22.19	-8.39	yes	yes	no
101881	NATIONAL BLVD	NATIONAL BLVD	yes	23.74	25.75	29.26	2.01	5.52	3.51	yes	yes	yes
101882	SAWTELLE BLVD	SAWTELLE BLVD	yes	289.88	338.71	336.23	48.82	46.35	-2.48	yes	yes	no
101884	S CENTINELA AVE	S CENTINELA AVE	yes	601.57	848.09	764.70	246.53	163.14	-83.39	yes	yes	no
101885	WASHINGTON PL	WASHINGTON PL	yes	1.26	2.15	2.50	0.89	1.24	0.36	no	yes	no
101886	S CENTINELA AVE	S CENTINELA AVE	yes	612.06	861.26	776.27	249.20	164.21	-84.99	yes	yes	no
101889	MARINA FWY	MARINA FWY	yes	937.19	1,026.98	1,013.35	89.78	76.16	-13.62	yes	yes	no
101890	CULVER BLVD	CULVER BLVD	yes	1,253.72	1,521.24	1,462.44	267.52	208.73	-58.80	yes	yes	no
101891	VISTA DEL MAR	VISTA DEL MAR	yes	285.72	351.34	345.44	65.62	59.72	-5.90	yes	yes	no
101893	CLOVER AVE	CLOVER AVE	yes	20.81	19.09	18.40	-1.72	-2.41	-0.68	no	no	no
101909	MARINA FWY	MARINA FWY	yes	33.04	39.95	39.10	6.91	6.06	-0.85	yes	yes	no
101910	SHORT AVE	SHORT AVE	yes	28.03	55.76	46.90	27.73	18.87	-8.86	yes	yes	no
101911	PALMS BLVD	PALMS BLVD	yes	5.38	6.43	6.49	1.05	1.10	0.05	yes	yes	no
101912	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	133.85	151.22	153.40	17.37	19.56	2.19	yes	yes	yes
101917	VENICE BLVD	VENICE BLVD	yes	2.18	3.37	3.12	1.19	0.94	-0.25	yes	no	no
101918	S CENTINELA AVE	S CENTINELA AVE	yes	558.00	787.74	705.42	229.74	147.42	-82.32	yes	yes	no
101920	NATIONAL BLVD	NATIONAL BLVD	yes	8.56	9.29	12.10	0.73	3.54	2.81	no	yes	yes
101925	PALMS BLVD	PALMS BLVD	yes	5.82	10.56	9.20	4.73	3.37	-1.36	yes	yes	no
101926	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	146.94	217.52	207.52	70.58	60.57	-10.01	yes	yes	no
101929	SAWTELLE BLVD	SAWTELLE BLVD	yes	289.88	338.71	336.23	48.82	46.35	-2.48	yes	yes	no
101949	MINDANAO WAY	MINDANAO WAY	yes	14.08	37.31	28.22	23.22	14.14	-9.08	yes	yes	no
101951	MARINA FWY	MARINA FWY	yes	25.47	34.20	68.37	8.73	42.90	34.17	yes	yes	yes
101952	MINDANAO WAY	MINDANAO WAY	yes	54.09	88.13	79.01	34.03	24.92	-9.11	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
101971	MARINA FWY	MARINA FWY	yes	2.74	2.49	1.77	-0.25	-0.97	-0.72	no	no	no
101972	S CENTINELA AVE	S CENTINELA AVE	yes	554.58	782.20	701.92	227.62	147.34	-80.28	yes	yes	no
101982	FJI WAY	FJI WAY	yes	1,645.43	2,245.01	2,058.96	599.58	413.53	-186.05	yes	yes	no
101990	VENICE BLVD	VENICE BLVD	yes	11.23	12.08	13.11	0.85	1.88	1.03	no	yes	yes
101991	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	151.04	222.29	212.18	71.26	61.15	-10.11	yes	yes	no
101992	VENICE BLVD	VENICE BLVD	yes	1.64	1.84	2.17	0.19	0.52	0.33	no	no	no
102017	S CENTINELA AVE	S CENTINELA AVE	yes	131.90	142.14	164.47	10.24	32.57	22.33	yes	yes	yes
102028	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	23.74	30.94	29.91	7.20	6.17	-1.03	yes	yes	no
102033	WASHINGTON BLVD	WASHINGTON BLVD	yes	2,448.24	2,979.46	2,809.68	531.22	361.44	-169.78	yes	yes	no
102034	WASHINGTON BLVD	WASHINGTON BLVD	yes	40.57	41.44	40.96	0.87	0.40	-0.48	no	no	no
102036	WASHINGTON BLVD	WASHINGTON BLVD	yes	43.98	41.83	41.01	-2.14	-2.96	-0.82	no	no	no
102044	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	14.44	22.27	21.58	7.83	7.15	-0.69	yes	yes	no
102045	WASHINGTON BLVD	WASHINGTON BLVD	yes	38.74	42.37	40.89	3.63	2.14	-1.49	yes	yes	no
102046	SAWTELLE BLVD	SAWTELLE BLVD	yes	122.43	231.59	149.62	109.15	27.19	-81.96	yes	yes	no
102059	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	482.28	750.96	650.26	268.67	167.97	-100.70	yes	yes	no
102060	BRADDOCK DR	BRADDOCK DR	yes	11.72	12.09	10.57	0.37	-1.15	-1.52	no	no	no
102061	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	215.38	281.13	279.68	65.74	64.30	-1.44	yes	yes	no
102062	N VENICE BLVD	N VENICE BLVD	yes	0.50	0.33	0.22	-0.17	-0.28	-0.11	no	no	no
102066	S BUNDY DR	S BUNDY DR	yes	218.98	324.25	276.55	105.28	57.57	-47.70	yes	yes	no
102116	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	427.87	557.20	499.04	129.33	71.18	-58.15	yes	yes	no
102120	ROSE AVE	ROSE AVE	yes	3.69	4.59	6.99	0.89	3.30	2.40	no	yes	yes
102121	WALGROVE AVE	WALGROVE AVE	yes	452.02	598.56	547.92	146.54	95.90	-50.64	yes	yes	no
102132	N VENICE BLVD	N VENICE BLVD	yes	2.72	12.96	11.99	10.25	9.28	-0.97	yes	yes	no
102133	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	89.22	88.98	122.43	-0.25	33.21	33.45	no	yes	yes
102158	VIA MARINA	VIA MARINA	yes	83.64	106.75	104.03	23.11	20.39	-2.72	yes	yes	no
102159	VIA MARINA	VIA MARINA	yes	3,214.03	4,412.40	3,974.81	1,198.37	760.78	-437.59	yes	yes	no
102160	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	374.77	524.37	432.48	149.59	57.71	-91.88	yes	yes	no
102161	LINCOLN BLVD	LINCOLN BLVD	no	7,837.67	10,072.41	9,408.65	2,234.74	9,408.65	9,408.65	yes	yes	yes
102162	WESTCHESTER PKY	WESTCHESTER PKY	yes	1,231.08	1,636.91	1,593.89	405.83	362.80	-43.02	yes	yes	no
102167	LINCOLN BLVD	LINCOLN BLVD	yes	6,801.56	8,712.28	8,333.90	1,910.72	1,532.33	-378.39	yes	yes	no
102168	WASHINGTON PL	WASHINGTON PL	yes	31.26	22.82	16.17	-8.44	-15.09	-6.65	no	no	no
102170	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	259.83	350.68	308.19	90.84	48.36	-42.48	yes	yes	no
102174	VENICE BLVD	VENICE BLVD	yes	0.14	0.20	0.39	0.06	0.25	0.19	no	no	no
102175	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	91.72	101.08	124.59	9.36	32.87	23.51	yes	yes	yes
102177	LINCOLN BLVD	LINCOLN BLVD	yes	6,603.47	8,271.61	7,447.51	1,668.14	844.05	-824.09	yes	yes	no
102189	S CENTINELA AVE	S CENTINELA AVE	yes	187.23	276.97	251.19	89.74	63.96	-25.78	yes	yes	no
102199	VENICE BLVD	VENICE BLVD	yes	0.10	0.33	0.47	0.23	0.37	0.14	no	no	no
102200	WALGROVE AVE	WALGROVE AVE	yes	458.00	581.87	533.06	123.87	75.05	-48.82	yes	yes	no
102203	WASHINGTON BLVD	WASHINGTON BLVD	yes	242.31	283.11	269.78	40.80	27.47	-13.33	yes	yes	no
102205	N VENICE BLVD	N VENICE BLVD	yes	0.01	0.07	0.05	0.06	0.04	-0.02	no	no	no
102206	WALGROVE AVE	WALGROVE AVE	yes	453.97	576.85	528.07	122.89	74.10	-48.79	yes	yes	no
102208	BEETHOVEN ST	BEETHOVEN ST	yes	3.78	4.68	7.09	0.90	3.31	2.41	no	yes	yes
102209	PALMS BLVD	PALMS BLVD	yes	8.00	9.80	9.47	1.80	1.47	-0.33	yes	yes	no
102210	SAWTELLE BLVD	SAWTELLE BLVD	yes	223.14	268.64	279.49	45.50	56.34	10.85	yes	yes	yes
102223	VENICE BLVD	VENICE BLVD	yes	9.52	11.34	12.11	1.82	2.58	0.76	yes	yes	no
102224	SAWTELLE BLVD	SAWTELLE BLVD	yes	210.84	261.80	262.50	50.96	51.66	0.70	yes	yes	no
102231	W GRAND AVE	W GRAND AVE	yes	255.81	296.73	295.24	40.92	39.43	-1.50	yes	yes	no
102239	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	77.29	102.06	94.01	24.77	16.71	-8.06	yes	yes	no
102242	VENICE BLVD	VENICE BLVD	yes	13.72	22.27	19.66	8.55	5.94	-2.61	yes	yes	no
102248	VENICE BLVD	VENICE BLVD	yes	29.82	32.58	34.23	2.76	4.41	1.65	yes	yes	yes
102249	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	390.57	511.62	453.81	121.05	63.24	-57.81	yes	yes	no
102259	S BUNDY DR	S BUNDY DR	yes	443.52	639.16	570.07	195.64	126.55	-69.08	yes	yes	no
102260	W PICO BLVD	W PICO BLVD	yes	26.51	32.64	40.56	6.13	14.05	7.91	yes	yes	yes
102262	N VENICE BLVD	N VENICE BLVD	yes	18.63	22.89	22.11	4.26	3.48	-0.78	yes	yes	no
102263	LINCOLN BLVD	LINCOLN BLVD	yes	6,708.58	8,435.99	7,598.74	1,727.40	890.15	-837.25	yes	yes	no
102264	VENICE BLVD	VENICE BLVD	yes	0.04	0.16	0.34	0.13	0.30	0.17	no	no	no
102265	LINCOLN BLVD	LINCOLN BLVD	yes	6,731.59	8,465.24	7,627.22	1,733.65	895.63	-838.02	yes	yes	no
102266	E GRAND AVE	E GRAND AVE	yes	244.20	301.48	281.93	57.28	37.73	-19.55	yes	yes	no
102268	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	27.72	43.96	36.36	16.24	8.65	-7.60	yes	yes	no
102269	WASHINGTON BLVD	WASHINGTON BLVD	yes	136.41	147.47	170.01	11.06	33.59	22.54	yes	yes	yes
102276	MAIN ST	MAIN ST	yes	204.40	307.61	296.34	103.21	91.95	-11.26	yes	yes	no
102278	CULVER BLVD	CULVER BLVD	yes	5.09	8.94	8.54	3.86	3.45	-0.41	yes	yes	no
102279	VISTA DEL MAR LN	VISTA DEL MAR LN	yes	4.55	8.83	8.42	4.28	3.86	-0.41	yes	yes	no
102280	VENICE BLVD	VENICE BLVD	yes	64.53	61.03	74.13	-3.50	9.59	13.10	no	yes	yes
102281	MAIN ST	MAIN ST	yes	105.01	168.83	146.20	63.82	41.19	-22.63	yes	yes	no
102282	MAIN ST	MAIN ST	yes	115.66	168.89	164.08	53.24	48.42	-4.81	yes	yes	no
103265	S BROADWAY	S BROADWAY	yes	1,328.74	3,283.48	2,898.85	1,954.74	1,570.11	-384.63	yes	yes	no
103266	S BROADWAY	S BROADWAY	yes	45.31	96.19	89.33	50.88	44.02	-6.86	yes	yes	no
103267	W 92ND ST	W 92ND ST	yes	54.22	85.24	80.46	31.02	26.24	-4.79	yes	yes	no
103268	S BROADWAY	S BROADWAY	yes	2,224.50	4,876.75	4,499.84	2,652.25	2,275.34	-376.91	yes	yes	no

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103269	S BROADWAY	S BROADWAY	yes	900.11	1,597.98	1,606.03	697.87	705.92	8.05	yes	yes	yes
103277	S BROADWAY	S BROADWAY	yes	2,044.57	4,734.35	4,343.38	2,689.78	2,298.81	-390.97	yes	yes	no
103278	W MANCHESTER AVE	W MANCHESTER AVE	yes	459.33	584.39	550.71	125.06	91.38	-33.68	yes	yes	no
103279	W MANCHESTER AVE	W MANCHESTER AVE	yes	223.51	312.19	263.63	88.67	40.12	-48.56	yes	yes	no
103280	S BROADWAY	S BROADWAY	yes	2,025.77	4,713.14	4,319.80	2,687.37	2,294.03	-393.34	yes	yes	no
103284	W 92ND ST	W 92ND ST	yes	1,283.11	3,154.48	2,757.95	1,871.37	1,474.84	-396.53	yes	yes	no
103285	W CENTURY BLVD	W CENTURY BLVD	yes	700.32	1,106.53	1,162.79	406.21	462.48	56.26	yes	yes	yes
103289	S BROADWAY	S BROADWAY	yes	2,271.17	5,054.05	5,010.80	2,782.87	2,739.63	-43.25	yes	yes	no
103290	W FLORENCE AVE	W FLORENCE AVE	yes	448.50	795.22	790.76	346.72	342.26	-4.46	yes	yes	no
103291	W FLORENCE AVE	W FLORENCE AVE	yes	849.25	1,500.47	1,848.57	651.22	999.31	348.10	yes	yes	yes
103305	S FIGUEROA ST	S FIGUEROA ST	yes	877.90	1,151.82	1,147.60	273.92	269.70	-4.22	yes	yes	no
103306	S FIGUEROA ST	S FIGUEROA ST	yes	937.50	1,231.45	1,228.84	293.95	291.33	-2.61	yes	yes	no
103307	W 32ND ST	W 32ND ST	yes	2.57	2.66	4.08	0.08	1.51	1.42	no	yes	yes
103308	S BROADWAY	S BROADWAY	yes	2,342.51	5,183.83	5,215.05	2,841.32	2,872.54	31.22	yes	yes	yes
103309	W GAGE AVE	W GAGE AVE	yes	154.91	207.14	182.08	52.22	27.17	-25.06	yes	yes	no
103310	W GAGE AVE	W GAGE AVE	yes	228.24	339.16	388.39	110.92	160.15	49.23	yes	yes	yes
103325	S BROADWAY	S BROADWAY	yes	2,802.33	5,507.05	5,569.55	2,704.72	2,767.22	62.50	yes	yes	yes
103327	W SLAUSON AVE	W SLAUSON AVE	yes	375.86	439.96	508.83	64.10	132.97	68.87	yes	yes	yes
103328	S BROADWAY	S BROADWAY	yes	2,939.68	5,679.33	5,785.70	2,739.65	2,846.02	106.37	yes	yes	yes
103329	W 54TH ST	W 54TH ST	yes	76.48	119.07	176.08	42.59	99.60	57.01	yes	yes	yes
103330	W 54TH ST	W 54TH ST	yes	222.52	301.19	401.72	78.67	179.21	100.54	yes	yes	yes
103331	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	6.06	2.82	8.25	-3.24	2.18	5.43	no	yes	yes
103332	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	6.35	2.95	8.28	-3.41	1.93	5.33	no	yes	yes
103333	S FLOWER ST	S FLOWER ST	yes	643.40	848.45	841.10	205.05	197.70	-7.35	yes	yes	no
103334	S BROADWAY	S BROADWAY	yes	2,831.12	5,379.53	5,425.60	2,548.41	2,594.49	46.07	yes	yes	yes
103335	W 51ST ST	W 51ST ST	yes	458.99	603.86	641.09	144.86	182.10	37.24	yes	yes	yes
103340	S BROADWAY	S BROADWAY	yes	2,675.12	5,015.94	5,095.56	2,340.82	2,420.45	79.63	yes	yes	yes
103349	W VERNON AVE	W VERNON AVE	yes	566.23	985.54	867.25	419.30	301.02	-118.29	yes	yes	no
103350	W VERNON AVE	W VERNON AVE	yes	552.37	558.46	517.28	6.09	-35.09	-41.18	yes	no	no
103355	S BROADWAY	S BROADWAY	yes	2,660.68	4,588.33	4,745.07	1,927.65	2,084.39	156.75	yes	yes	yes
103358	S BROADWAY	S BROADWAY	yes	439.34	693.37	719.76	254.03	280.42	26.39	yes	yes	yes
103359	BROADWAY PL	BROADWAY PL	yes	2,198.30	3,865.10	3,996.39	1,666.80	1,798.09	131.29	yes	yes	yes
103360	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	361.60	274.10	252.65	-87.50	-108.96	-21.45	no	no	no
103361	S BROADWAY	S BROADWAY	yes	644.08	976.12	1,004.64	332.04	360.56	28.52	yes	yes	yes
103367	S BROADWAY	S BROADWAY	yes	928.47	1,641.46	1,652.94	712.99	724.47	11.48	yes	yes	yes
103368	W 92ND ST	W 92ND ST	yes	16.95	52.70	42.41	35.76	25.47	-10.29	yes	yes	no
103370	S BROADWAY	S BROADWAY	yes	46.26	47.90	58.65	1.64	12.39	10.75	yes	yes	yes
103371	W 108TH ST	W 108TH ST	yes	11.56	15.46	16.17	3.90	4.61	0.71	yes	yes	no
103372	W ADAMS BLVD	W ADAMS BLVD	yes	61.33	99.32	86.45	37.98	25.12	-12.86	yes	yes	no
103373	S LA BREA AVE	S LA BREA AVE	yes	8,495.50	11,563.92	10,880.95	3,068.42	2,385.45	-682.97	yes	yes	no
103374	W ADAMS BLVD	W ADAMS BLVD	yes	0.97	2.98	2.96	2.00	1.99	-0.01	yes	yes	no
103394	S MAIN ST	S MAIN ST	yes	1.98	2.45	2.37	0.07	0.39	-0.08	no	no	no
103413	W 30TH ST	W 30TH ST	yes	5.61	9.11	9.13	3.50	3.52	0.03	yes	yes	no
103414	S FIGUEROA ST	S FIGUEROA ST	yes	872.69	1,142.97	1,138.62	270.29	265.94	-4.35	yes	yes	no
103415	W 30TH ST	W 30TH ST	yes	65.73	88.53	84.55	22.80	18.82	-3.98	yes	yes	no
103432	CRENSHAW DR	CRENSHAW DR	yes	168.54	295.71	623.82	127.17	455.28	328.11	yes	yes	yes
103433	CRENSHAW DR	CRENSHAW DR	yes	160.76	275.31	588.29	114.55	427.53	312.98	yes	yes	yes
103434	W 83RD ST	W 83RD ST	yes	7.78	20.40	35.53	12.62	27.75	15.13	yes	yes	yes
103445	WEST BLVD	WEST BLVD	yes	116.01	185.66	185.89	69.65	69.88	0.22	yes	yes	no
103446	W ADAMS BLVD	W ADAMS BLVD	yes	17.86	47.25	35.56	29.39	17.69	-11.69	yes	yes	no
103450	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	333.53	285.29	262.09	-48.24	-71.44	-23.20	no	no	no
103451	BROADWAY PL	BROADWAY PL	yes	2,241.08	3,874.04	4,006.78	1,632.96	1,765.70	132.74	yes	yes	yes
103460	S VAN NESS AVE	S VAN NESS AVE	yes	57.01	72.06	74.16	15.05	17.15	2.10	yes	yes	yes
103461	W MANCHESTER AVE	W MANCHESTER AVE	yes	211.19	359.63	811.61	148.44	600.43	451.98	yes	yes	yes
103462	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	334.13	517.93	970.06	183.79	635.93	452.13	yes	yes	yes
103463	S VAN NESS AVE	S VAN NESS AVE	yes	58.49	67.41	64.78	8.92	6.29	-2.63	yes	yes	no
103467	S BROADWAY	S BROADWAY	yes	52.92	54.30	64.16	1.38	11.25	9.86	yes	yes	yes
103468	S BROADWAY	S BROADWAY	yes	20.53	25.16	15.12	4.63	-5.41	-10.04	yes	no	no
103469	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	115.54	209.09	201.26	93.55	85.72	-7.83	yes	yes	no
103481	S BROADWAY	S BROADWAY	yes	0.41	0.42	0.39	0.01	-0.02	-0.03	no	no	no
103482	W 117TH ST	W 117TH ST	yes	16.87	21.10	11.31	4.23	-5.55	-9.79	yes	no	no
103488	S FLOWER ST	S FLOWER ST	yes	643.00	848.19	840.96	205.19	197.96	-7.23	yes	yes	no
103489	W 30TH ST	W 30TH ST	yes	23.16	30.00	28.63	6.83	5.47	-1.36	yes	yes	no
103496	S BROADWAY	S BROADWAY	yes	26.55	35.22	31.96	8.66	5.40	-3.26	yes	yes	no
103497	W 120TH ST	W 120TH ST	yes	45.20	84.65	136.26	39.45	91.05	51.60	yes	yes	yes
103498	W 120TH ST	W 120TH ST	yes	72.17	120.29	168.60	48.12	96.44	48.31	yes	yes	yes
103499	S WESTERN AVE	S WESTERN AVE	yes	42.39	37.14	40.94	-5.25	-1.46	3.79	no	no	yes
103500	W MANCHESTER AVE	W MANCHESTER AVE	yes	201.97	416.30	802.00	214.33	600.03	385.70	yes	yes	yes
103501	S WESTERN AVE	S WESTERN AVE	yes	11.87	17.28	18.43	5.41	6.57	1.16	yes	yes	yes
103502	W MANCHESTER AVE	W MANCHESTER AVE	yes	216.81	416.04	803.82	199.22	587.01	387.78	yes	yes	yes

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103506	S BROADWAY	S BROADWAY	yes	25.89	34.08	30.97	8.18	5.07	-3.11	yes	yes	no
103507	W 124TH ST	W 124TH ST	yes	0.66	1.14	0.99	0.48	0.33	-0.15	no	no	no
103511	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	9.11	6.28	15.25	-2.83	6.14	8.97	no	yes	yes
103512	S GRAND AVE	S GRAND AVE	yes	125.21	133.99	130.97	8.78	5.76	-3.02	yes	yes	no
103519	W 54TH ST	W 54TH ST	yes	60.21	131.85	98.85	71.64	38.64	-32.99	yes	yes	no
103520	S VAN NESS AVE	S VAN NESS AVE	yes	57.48	110.81	85.23	53.33	27.75	-25.59	yes	yes	no
103527	ARLINGTON AVE	ARLINGTON AVE	yes	78.53	112.08	80.84	33.56	2.32	-31.24	yes	yes	no
103532	W ADAMS BLVD	W ADAMS BLVD	yes	113.17	94.67	101.31	-18.50	-11.86	6.64	no	no	yes
103533	W ADAMS BLVD	W ADAMS BLVD	yes	27.52	26.88	26.48	-0.64	-1.04	-0.40	no	no	no
103534	ARLINGTON AVE	ARLINGTON AVE	yes	77.85	97.71	94.80	19.86	16.95	-2.91	yes	yes	no
103535	ARLINGTON AVE	ARLINGTON AVE	yes	61.03	59.20	59.89	-1.82	-1.14	0.68	no	no	no
103536	W VERNON AVE	W VERNON AVE	yes	33.27	68.44	59.80	35.17	26.53	-8.65	yes	yes	no
103537	W VERNON AVE	W VERNON AVE	yes	16.45	29.94	24.88	13.49	8.44	-5.06	yes	yes	no
103538	S MAIN ST	S MAIN ST	yes	3.54	5.36	5.18	1.82	1.63	-0.19	yes	yes	no
103539	W ROSECRANS AVE	W ROSECRANS AVE	yes	15.79	25.77	26.79	9.99	11.01	1.02	yes	yes	yes
103540	E ROSECRANS AVE	E ROSECRANS AVE	yes	17.35	28.68	29.60	11.33	12.25	0.92	yes	yes	no
103541	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,923.93	2,066.53	1,863.36	142.60	-60.57	-203.17	yes	no	no
103542	ARLINGTON AVE	ARLINGTON AVE	yes	236.76	220.05	245.67	-16.71	8.91	25.62	no	yes	yes
103543	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	2,208.13	2,347.81	2,175.29	139.68	-32.84	-172.52	yes	no	no
103548	S MAIN ST	S MAIN ST	yes	82.10	121.88	123.09	39.78	40.99	1.21	yes	yes	yes
103549	W 135TH ST	W 135TH ST	yes	22.25	27.81	28.62	5.56	6.37	0.82	yes	yes	no
103550	E 135TH ST	E 135TH ST	yes	100.71	144.22	146.43	43.51	45.72	2.21	yes	yes	yes
103554	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	151.97	184.57	223.59	32.59	71.62	39.03	yes	yes	yes
103555	S BROADWAY	S BROADWAY	yes	85.53	132.70	115.66	47.18	30.13	-17.04	yes	yes	no
103556	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	269.87	356.86	379.66	86.99	109.80	22.80	yes	yes	yes
103563	ANGELES VISTA BLVD	ANGELES VISTA BLVD	yes	1,452.60	1,731.74	1,507.19	279.14	54.59	-224.56	yes	yes	no
103564	VALLEY RIDGE AVE	VALLEY RIDGE AVE	yes	4.10	4.13	4.37	0.03	0.28	0.25	no	no	no
103565	ANGELES VISTA BLVD	ANGELES VISTA BLVD	yes	1,602.40	1,918.92	1,691.67	316.52	89.27	-227.25	yes	yes	no
103569	S MAIN ST	S MAIN ST	yes	17.47	19.40	15.33	1.92	-2.14	-4.06	yes	no	no
103570	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	87.27	81.95	115.64	-5.32	28.37	33.69	no	yes	yes
103571	S MAIN ST	S MAIN ST	yes	28.32	31.80	27.22	3.48	-1.10	-4.59	yes	no	no
103572	E 124TH ST	E 124TH ST	yes	0.35	0.40	0.41	0.06	0.07	0.01	no	no	no
103573	S MAIN ST	S MAIN ST	yes	5.52	6.91	6.05	0.53	0.53	-0.86	yes	no	no
103574	E 120TH ST	E 120TH ST	yes	22.39	59.75	115.08	37.36	92.69	55.33	yes	yes	yes
103578	S FIGUEROA ST	S FIGUEROA ST	yes	952.11	1,242.91	1,246.92	290.80	294.81	4.01	yes	yes	yes
103579	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	9.29	9.83	11.01	0.54	-1.72	1.18	no	yes	yes
103580	S BROADWAY	S BROADWAY	yes	95.14	150.01	133.83	54.87	38.69	-16.18	yes	yes	no
103581	W 135TH ST	W 135TH ST	yes	31.87	45.12	46.80	13.25	14.93	1.68	yes	yes	yes
103587	AIRPORT BLVD	AIRPORT BLVD	yes	12,613.91	17,685.80	15,145.07	5,071.88	2,531.16	-2,540.73	yes	yes	no
103588	LA TIJERA BLVD	LA TIJERA BLVD	yes	18,844.16	26,543.27	23,041.30	7,699.11	4,197.13	-3,501.97	yes	yes	no
103589	LA TIJERA BLVD	LA TIJERA BLVD	yes	7,868.02	10,708.95	9,426.75	2,840.93	1,558.73	-1,282.20	yes	yes	no
103590	AIRPORT BLVD	AIRPORT BLVD	yes	937.45	1,084.87	948.50	147.42	11.04	-136.37	yes	yes	no
103593	S MAIN ST	S MAIN ST	yes	1.06	16.05	14.64	15.00	13.58	-1.42	yes	yes	no
103594	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	112.85	215.35	208.81	102.49	95.96	-6.54	yes	yes	no
103600	S MAIN ST	S MAIN ST	yes	2.27	17.64	15.49	15.38	13.23	-2.15	yes	yes	no
103601	E 108TH ST	E 108TH ST	yes	5.81	6.35	7.04	0.54	1.24	0.70	no	yes	no
103602	S MAIN ST	S MAIN ST	yes	1.63	26.52	29.66	24.89	28.03	3.14	yes	yes	yes
103603	E CENTURY BLVD	E CENTURY BLVD	yes	698.10	1,082.31	1,120.82	384.21	422.72	38.50	yes	yes	yes
103604	S WESTERN AVE	S WESTERN AVE	yes	815.02	882.79	1,017.28	67.77	202.27	134.50	yes	yes	yes
103605	S WESTERN AVE	S WESTERN AVE	yes	875.26	1,008.68	1,129.03	133.42	253.77	120.35	yes	yes	yes
103606	W 54TH ST	W 54TH ST	yes	2.73	21.04	13.63	18.30	10.90	-7.41	yes	yes	no
103607	W 54TH ST	W 54TH ST	yes	62.41	146.07	124.47	83.66	62.06	-21.60	yes	yes	no
103608	S HILL ST	S HILL ST	yes	657.44	923.93	912.22	266.48	254.77	-11.71	yes	yes	no
103609	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	2.84	2.32	2.62	-0.52	-0.22	0.30	no	no	no
103610	S HILL ST	S HILL ST	yes	662.79	924.53	914.85	261.74	252.06	-9.68	yes	yes	no
103614	S MAIN ST	S MAIN ST	yes	32.53	58.04	68.54	25.51	36.01	10.50	yes	yes	yes
103615	E 92ND ST	E 92ND ST	yes	29.78	55.51	42.83	25.73	13.05	-12.68	yes	yes	no
103618	E MANCHESTER AVE	E MANCHESTER AVE	yes	461.00	595.33	541.75	134.33	80.75	-53.58	yes	yes	no
103619	S FLOWER ST	S FLOWER ST	yes	823.04	1,048.08	1,040.81	225.05	217.77	-7.28	yes	yes	no
103632	S MAIN ST	S MAIN ST	yes	227.23	554.07	625.57	326.85	398.34	71.49	yes	yes	yes
103633	E FLORENCE AVE	E FLORENCE AVE	yes	355.62	584.35	540.31	228.73	184.69	-44.04	yes	yes	no
103646	S HILL ST	S HILL ST	yes	518.60	699.73	683.54	181.13	164.93	-16.20	yes	yes	no
103647	S MAIN ST	S MAIN ST	yes	303.36	663.17	717.87	359.81	414.51	54.70	yes	yes	yes
103648	E GAGE AVE	E GAGE AVE	yes	76.72	95.79	87.70	19.07	10.98	-8.09	yes	yes	no
103652	S BROADWAY	S BROADWAY	yes	90.85	141.66	126.04	50.81	35.19	-15.62	yes	yes	no
103653	W ROSECRANS AVE	W ROSECRANS AVE	yes	11.49	17.42	19.00	5.92	7.50	1.58	yes	yes	yes
103654	S MAIN ST	S MAIN ST	yes	352.01	700.43	804.78	348.42	452.76	104.34	yes	yes	yes
103655	E SLAUSON AVE	E SLAUSON AVE	yes	308.24	383.05	402.81	74.81	94.57	19.76	yes	yes	yes
103656	S MAIN ST	S MAIN ST	yes	399.83	785.63	917.18	385.80	517.36	131.56	yes	yes	yes
103657	E 54TH ST	E 54TH ST	yes	28.69	33.88	63.68	5.19	34.99	29.80	yes	yes	yes

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
103658	S MAIN ST	S MAIN ST	yes	736.01	1,140.87	1,287.21	404.86	551.20	146.34	yes	yes	yes
103659	E 51ST ST	E 51ST ST	yes	122.80	248.62	271.07	125.81	148.27	22.45	yes	yes	yes
103665	S MAIN ST	S MAIN ST	yes	192.55	67.35	89.23	-125.20	-103.32	21.88	no	no	yes
103666	SAN PEDRO PL	SAN PEDRO PL	yes	640.92	1,309.75	1,389.94	668.82	749.02	80.19	yes	yes	yes
103670	S MAIN ST	S MAIN ST	yes	8.74	8.88	10.07	0.14	1.33	1.19	no	yes	yes
103671	E VERNON AVE	E VERNON AVE	yes	750.06	1,044.02	946.42	293.96	196.36	-97.60	yes	yes	no
103673	W 30TH ST	W 30TH ST	yes	4.17	5.59	4.41	1.43	0.24	-1.18	yes	no	no
103674	S GRAND AVE	S GRAND AVE	yes	122.33	128.66	125.99	6.33	3.66	-2.67	yes	yes	no
103675	W 23RD ST	W 23RD ST	yes	1.64	2.35	3.29	0.71	1.65	0.94	no	yes	no
103676	S FIGUEROA ST	S FIGUEROA ST	yes	835.55	1,050.89	1,056.39	215.34	220.84	5.50	yes	yes	yes
103677	S MAIN ST	S MAIN ST	yes	2.18	2.32	0.75	0.14	-1.43	-1.57	no	no	no
103678	E MARTIN LUTHER KING JR BLVD	E MARTIN LUTHER KING JR BLVD	yes	338.97	290.68	270.36	-48.29	-68.61	-20.32	no	no	no
103679	S MAIN ST	S MAIN ST	yes	2,226.61	3,864.06	3,997.68	1,637.45	1,771.07	133.62	yes	yes	yes
103681	W ADAMS BLVD	W ADAMS BLVD	yes	41.39	61.08	54.99	19.69	13.60	-6.09	yes	yes	no
103682	W ADAMS BLVD	W ADAMS BLVD	yes	116.12	154.45	164.85	38.32	48.72	10.40	yes	yes	yes
103683	S WESTERN AVE	S WESTERN AVE	yes	72.72	110.09	114.50	37.37	41.78	4.41	yes	yes	yes
103684	S WESTERN AVE	S WESTERN AVE	yes	96.64	150.90	160.08	54.26	63.44	9.19	yes	yes	yes
103689	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	23.63	39.08	51.65	15.45	28.02	12.57	yes	yes	yes
103690	S BROADWAY	S BROADWAY	yes	638.44	949.41	958.69	310.98	320.25	9.27	yes	yes	yes
103695	VENICE BLVD	VENICE BLVD	yes	79.23	108.39	105.03	29.16	25.81	-3.36	yes	yes	no
103696	ROBERTSON BLVD	ROBERTSON BLVD	yes	103.45	144.47	108.92	41.02	5.47	-35.55	yes	yes	no
103697	VENICE BLVD	VENICE BLVD	yes	51.65	64.12	62.20	12.47	10.55	-1.92	yes	yes	no
103698	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	468.50	589.42	508.98	120.91	40.47	-80.44	yes	yes	no
103709	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	1,465.50	2,209.53	1,455.38	744.03	-10.13	-754.15	yes	no	no
103710	S DOUGLAS ST	S DOUGLAS ST	yes	382.17	556.63	534.01	174.46	151.84	-22.62	yes	yes	no
103711	N DOUGLAS ST	N DOUGLAS ST	yes	1,259.18	1,577.74	1,533.18	318.57	274.00	-44.57	yes	yes	no
103714	EXPOSITION BLVD	EXPOSITION BLVD	yes	0.65	0.83	16.72	0.18	16.07	15.89	no	yes	yes
103715	EXPOSITION BLVD	EXPOSITION BLVD	yes	3.48	4.80	5.67	1.33	2.19	0.86	yes	yes	no
103716	9TH AVE	9TH AVE	yes	4.13	5.64	22.39	1.51	18.26	16.75	yes	yes	yes
103718	PLAYA ST	PLAYA ST	yes	999.76	1,420.53	1,265.72	420.77	265.96	-154.81	yes	yes	no
103719	HANNUM AVE	HANNUM AVE	yes	8.69	18.21	16.77	9.52	8.08	-1.44	yes	yes	no
103722	E GRAND AVE	E GRAND AVE	yes	103.79	151.32	183.78	47.53	79.98	32.45	yes	yes	yes
103723	N NASH ST	N NASH ST	yes	136.00	225.84	230.79	89.84	94.79	4.95	yes	yes	yes
103724	DULEY RD	DULEY RD	yes	36.50	40.89	48.41	4.39	11.90	7.51	yes	yes	yes
103733	MAPLE AVE	MAPLE AVE	yes	109.43	100.05	97.56	-9.38	-11.87	-2.49	no	no	no
103734	E MARTIN LUTHER KING JR BLVD	E MARTIN LUTHER KING JR BLVD	yes	229.51	190.63	172.80	-38.88	-56.71	-17.83	no	no	no
103738	S FLOWER ST	S FLOWER ST	yes	777.97	1,004.66	999.71	226.69	221.75	-4.94	yes	yes	no
103739	W 23RD ST	W 23RD ST	yes	40.88	40.36	42.06	-0.52	1.18	1.70	no	yes	yes
103740	W 30TH ST	W 30TH ST	yes	1.01	5.32	7.86	4.31	6.85	2.54	yes	yes	yes
103741	S HILL ST	S HILL ST	yes	598.91	839.93	830.83	241.02	231.92	-9.09	yes	yes	no
103754	S MAIN ST	S MAIN ST	yes	2,249.92	3,902.66	4,048.85	1,652.73	1,798.92	146.19	yes	yes	yes
103755	E JEFFERSON BLVD	E JEFFERSON BLVD	yes	0.31	0.48	0.48	0.17	0.17	0.00	no	no	no
103758	W HILLCREST BLVD	W HILLCREST BLVD	yes	1,289.72	1,899.10	2,827.17	609.38	1,537.45	928.06	yes	yes	yes
103760	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	1,116.25	1,695.97	2,641.80	579.72	1,525.55	945.83	yes	yes	yes
103765	W 135TH ST	W 135TH ST	yes	133.85	176.24	179.81	42.40	45.97	3.57	yes	yes	yes
103766	PRAIRIE AVE	PRAIRIE AVE	yes	135.30	229.52	218.80	94.22	83.50	-10.72	yes	yes	no
103767	PRAIRIE AVE	PRAIRIE AVE	yes	319.68	476.02	468.74	156.34	149.05	-7.28	yes	yes	no
103768	ROBERTSON PL	ROBERTSON PL	yes	243.86	355.09	277.63	111.22	33.77	-77.46	yes	yes	no
103772	CONTINENTAL BLVD	CONTINENTAL BLVD	yes	874.84	1,194.20	1,105.88	319.36	231.05	-88.31	yes	yes	no
103773	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	763.61	1,295.39	813.14	531.78	49.53	-482.25	yes	yes	no
103798	S WESTERN AVE	S WESTERN AVE	yes	68.65	72.31	73.49	3.66	4.83	1.17	yes	yes	yes
103799	S WESTERN AVE	S WESTERN AVE	yes	15.93	29.73	29.73	13.80	13.80	0.00	yes	yes	no
103800	W CENTURY BLVD	W CENTURY BLVD	yes	7,392.39	13,514.01	12,505.90	6,121.62	5,113.51	-1,008.11	yes	yes	no
103801	W CENTURY BLVD	W CENTURY BLVD	yes	7,226.29	13,217.43	12,277.08	5,991.14	5,050.79	-940.35	yes	yes	no
103822	S FIGUEROA ST	S FIGUEROA ST	yes	952.11	1,242.91	1,246.92	290.80	294.81	4.01	yes	yes	yes
103870	W HILLCREST BLVD	W HILLCREST BLVD	yes	3,525.06	4,152.05	31.22	626.99	-3,493.84	-4,120.83	yes	no	no
103871	AVIATION BLVD	AVIATION BLVD	yes	8,477.85	12,365.11	11,393.76	3,887.26	2,915.91	-971.35	yes	yes	no
103872	AVIATION BLVD	AVIATION BLVD	yes	5,106.39	7,954.95	11,424.96	2,848.57	6,318.57	3,470.01	yes	yes	yes
103902	S WESTERN AVE	S WESTERN AVE	yes	37.57	22.49	26.17	-15.08	-11.40	3.68	no	no	yes
103903	S WESTERN AVE	S WESTERN AVE	yes	459.69	564.90	554.21	105.21	94.52	-10.69	yes	yes	no
103904	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	215.35	296.15	416.37	80.80	201.02	120.22	yes	yes	yes
103905	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	637.46	838.56	944.41	201.09	306.95	105.86	yes	yes	yes
103906	W CENTINELA AVE	W CENTINELA AVE	yes	159.15	193.95	166.31	34.79	7.15	-27.64	yes	yes	no
103907	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	9,143.52	12,131.50	10,059.96	2,987.98	916.44	-2,071.54	yes	yes	no
103924	RODEO RD	RODEO RD	yes	460.45	721.62	607.06	261.17	146.61	-114.56	yes	yes	no
103926	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	3,252.47	4,480.84	3,899.74	1,228.37	647.27	-581.10	yes	yes	no
103927	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	2,301.96	3,114.37	2,715.77	812.41	413.81	-398.60	yes	yes	no
103948	W 92ND ST	W 92ND ST	yes	2.11	9.57	5.85	7.46	3.73	-3.72	yes	yes	no
103949	W 92ND ST	W 92ND ST	yes	2.19	1.53	1.94	-0.66	-0.26	0.41	no	no	no
103960	S WESTERN AVE	S WESTERN AVE	yes	39.65	22.35	34.88	-17.30	-4.77	12.53	no	no	yes

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
103961	ROSECRANS AVE	ROSECRANS AVE	yes	429.64	558.72	591.68	129.08	162.04	32.96	yes	yes	yes
103962	W ROSECRANS AVE	W ROSECRANS AVE	yes	407.61	536.76	566.36	129.15	158.76	29.61	yes	yes	yes
103977	S FLOWER ST	S FLOWER ST	yes	405.70	593.78	607.16	188.08	201.46	13.38	yes	yes	yes
103978	EXPOSITION BLVD	EXPOSITION BLVD	yes	277.18	323.09	295.91	45.91	18.73	-27.18	yes	yes	no
103997	W GAGE AVE	W GAGE AVE	yes	657.52	1,130.20	1,397.73	472.67	740.21	267.53	yes	yes	yes
104019	W VERNON AVE	W VERNON AVE	yes	491.48	504.08	481.34	12.60	-10.14	-22.74	yes	no	no
104039	N PRAIRIE AVE	N PRAIRIE AVE	yes	16.51	21.85	21.33	5.34	4.81	-0.52	yes	yes	no
104051	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,932.15	5,840.06	5,704.63	1,907.91	1,772.48	-135.43	yes	yes	no
104052	EXPOSITION BLVD	EXPOSITION BLVD	yes	0.01	0.59	0.50	0.59	0.50	-0.09	no	no	no
104053	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,931.50	5,838.64	5,687.41	1,907.14	1,755.91	-151.23	yes	yes	no
104060	E FLORENCE AVE	E FLORENCE AVE	yes	5,893.31	9,891.15	9,884.67	3,997.84	3,991.36	-6.48	yes	yes	no
104061	N HILLCREST BLVD	N HILLCREST BLVD	yes	22.23	27.76	46.08	5.53	23.85	18.32	yes	yes	yes
104062	E FLORENCE AVE	E FLORENCE AVE	yes	5,860.16	9,849.19	9,865.56	3,989.03	4,005.40	16.37	yes	yes	yes
104069	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	553.27	819.59	900.11	266.32	346.85	80.52	yes	yes	yes
104070	S VAN NESS AVE	S VAN NESS AVE	yes	114.89	131.24	142.19	16.35	27.30	10.95	yes	yes	yes
104071	S VAN NESS AVE	S VAN NESS AVE	yes	1.65	2.44	4.54	0.79	2.89	2.10	no	yes	yes
104072	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	464.84	680.57	774.85	215.73	310.02	94.29	yes	yes	yes
104117	CENTINELA AVE	CENTINELA AVE	yes	443.02	145.97	251.10	-297.05	-191.93	105.12	no	no	yes
104118	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,507.50	4,688.96	5,616.56	1,181.46	2,109.06	927.60	yes	yes	yes
104119	CENTINELA AVE	CENTINELA AVE	yes	406.42	86.62	139.47	-319.80	-266.95	52.85	no	no	yes
104232	W MANCHESTER AVE	W MANCHESTER AVE	yes	1,793.36	2,491.44	1,208.49	698.07	-584.87	-1,282.94	yes	no	no
104233	WILEY POST AVE	WILEY POST AVE	yes	1,068.89	2,070.15	1,572.94	1,001.26	504.05	-497.21	yes	yes	no
104234	W MANCHESTER AVE	W MANCHESTER AVE	yes	1,313.61	1,668.25	627.10	354.64	-686.51	-1,041.15	yes	no	no
104259	W FLORENCE AVE	W FLORENCE AVE	yes	1,357.84	2,708.14	3,564.24	1,350.30	2,206.39	856.09	yes	yes	yes
104267	W 142ND ST	W 142ND ST	yes	632.41	923.28	927.23	290.87	294.82	3.95	yes	yes	yes
104268	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	273.79	429.97	471.04	156.18	197.25	41.07	yes	yes	yes
104269	W ROSECRANS AVE	W ROSECRANS AVE	yes	585.01	859.50	873.18	274.50	288.18	13.68	yes	yes	yes
104293	S FLOWER ST	S FLOWER ST	yes	420.98	621.74	644.83	200.77	223.85	23.09	yes	yes	yes
104310	W 48TH ST	W 48TH ST	yes	760.75	714.83	592.85	-45.92	-167.90	-121.99	no	no	no
104311	OLYMPIAD DR	OLYMPIAD DR	yes	534.21	822.99	723.80	288.78	189.58	-99.19	yes	yes	no
104329	S VAN NESS AVE	S VAN NESS AVE	yes	17.59	21.33	19.82	3.74	2.23	-1.51	yes	yes	no
104347	YUKON AVE	YUKON AVE	yes	116.41	138.30	152.41	21.89	36.00	14.11	yes	yes	yes
104348	W 134TH PL	W 134TH PL	yes	164.17	213.05	223.82	48.88	59.66	10.78	yes	yes	yes
104349	YUKON AVE	YUKON AVE	yes	63.80	77.62	84.81	13.82	21.01	7.19	yes	yes	yes
104354	COLISEUM ST	COLISEUM ST	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
104355	COLISEUM ST	COLISEUM ST	yes	73.77	80.47	80.34	6.69	6.57	-0.13	yes	yes	no
104366	W 51ST ST	W 51ST ST	yes	312.89	305.53	349.93	-7.35	37.04	44.39	no	yes	yes
104385	VENICE BLVD	VENICE BLVD	yes	452.12	562.26	520.83	110.14	68.71	-41.44	yes	yes	no
104402	CONTINENTAL BLVD	CONTINENTAL BLVD	yes	825.80	1,131.07	998.94	305.28	173.15	-132.13	yes	yes	no
104433	S FLOWER ST	S FLOWER ST	yes	420.98	621.74	644.83	200.77	223.85	23.09	yes	yes	yes
104438	S LAUSON AVE	S LAUSON AVE	yes	63.20	72.09	57.08	8.89	-6.12	-15.01	yes	no	no
104457	W GAGE AVE	W GAGE AVE	yes	1,384.33	2,264.02	2,657.80	879.70	1,273.47	393.78	yes	yes	yes
104486	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	529.06	732.19	851.90	203.13	322.84	119.71	yes	yes	yes
104487	CRENSHAW BLVD	CRENSHAW BLVD	yes	165.64	301.23	242.81	135.59	77.17	-58.42	yes	yes	no
104493	ARLINGTON AVE	ARLINGTON AVE	yes	334.81	343.18	341.11	8.37	6.29	-2.07	yes	yes	no
104494	ARLINGTON AVE	ARLINGTON AVE	yes	98.03	90.20	105.63	-7.83	7.60	15.43	no	yes	yes
104495	RODEO RD	RODEO RD	yes	54.08	79.27	46.06	-8.02	-33.20	-33.20	yes	no	no
104496	RODEO RD	RODEO RD	yes	323.82	366.88	338.20	43.05	14.37	-28.68	yes	yes	no
104504	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	710.48	943.43	784.57	232.96	74.10	-158.86	yes	yes	no
104535	W VERNON AVE	W VERNON AVE	yes	411.01	424.35	445.68	13.34	34.67	21.33	yes	yes	yes
104548	S FLOWER ST	S FLOWER ST	yes	38.13	28.99	23.03	-9.14	-15.10	-5.96	no	no	no
104549	W FLORENCE AVE	W FLORENCE AVE	yes	1,977.57	3,741.31	4,810.78	1,763.74	2,833.21	1,069.46	yes	yes	yes
104557	W SLAUSON AVE	W SLAUSON AVE	yes	957.33	1,058.75	1,031.28	101.42	73.95	-27.47	yes	yes	no
104560	S FIGUEROA ST	S FIGUEROA ST	yes	1,176.14	1,464.49	1,482.28	288.35	306.15	17.79	yes	yes	yes
104561	EXPOSITION BLVD	EXPOSITION BLVD	yes	313.56	433.83	388.36	120.28	74.81	-45.47	yes	yes	no
104568	WEST BLVD	WEST BLVD	yes	540.31	1,094.93	1,320.82	554.62	780.51	225.89	yes	yes	yes
104569	E HYDE PARK BLVD	E HYDE PARK BLVD	yes	2,275.49	1,523.82	1,337.09	-751.66	-938.39	-186.73	no	no	no
104570	HYDE PARK BLVD	HYDE PARK BLVD	yes	1,555.18	989.34	784.20	-565.84	-770.97	-205.14	no	no	no
104571	WEST BLVD	WEST BLVD	yes	766.95	647.22	704.48	-119.73	-62.47	57.26	no	no	yes
104578	W 37TH ST	W 37TH ST	yes	33.53	18.71	13.12	-14.82	-20.41	-5.59	no	no	no
104579	S FIGUEROA ST	S FIGUEROA ST	yes	612.39	971.38	1,063.04	358.99	450.65	91.65	yes	yes	yes
104587	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	15.51	52.48	35.90	36.97	20.39	-16.58	yes	yes	no
104588	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	4.55	40.01	17.49	35.46	12.94	-22.52	yes	yes	no
104597	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	83.77	123.18	63.32	39.41	-20.45	-59.86	yes	no	no
104598	N INGLEWOOD AVE	N INGLEWOOD AVE	yes	1.02	3.39	4.54	2.37	3.52	1.14	yes	yes	yes
104599	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	0.16	1.11	0.58	0.95	0.42	-0.53	no	no	no
104618	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,014.66	4,528.90	5,355.80	-485.77	341.14	826.90	no	yes	yes
104622	S WESTERN AVE	S WESTERN AVE	yes	13.76	2.43	13.50	-11.34	-0.26	11.08	no	no	yes
104623	W 120TH ST	W 120TH ST	yes	194.05	295.66	324.76	101.62	130.71	29.10	yes	yes	yes
104643	S FIGUEROA ST	S FIGUEROA ST	yes	194.54	131.63	178.96	-62.90	-15.57	47.33	no	no	yes

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
104644	STATE DR	STATE DR	yes	424.86	841.25	904.89	416.39	480.02	63.63	yes	yes	yes
104684	S FIGUEROA ST	S FIGUEROA ST	yes	538.23	713.44	765.15	175.21	226.92	51.70	yes	yes	yes
104694	NORTHROP AVE	NORTHROP AVE	yes	28.93	5.41	36.99	-23.52	8.06	31.58	no	yes	yes
104695	S PRAIRIE AVE	S PRAIRIE AVE	yes	146.93	191.94	156.93	45.02	10.00	-35.01	yes	yes	no
104696	PRAIRIE AVE	PRAIRIE AVE	yes	118.00	186.53	119.97	68.53	1.96	-66.57	yes	yes	no
104739	W MANCHESTER AVE	W MANCHESTER AVE	yes	1,262.01	1,710.35	2,013.81	448.34	751.79	303.46	yes	yes	yes
104762	S FIGUEROA ST	S FIGUEROA ST	yes	761.89	1,134.17	1,214.05	372.29	452.17	79.88	yes	yes	yes
104763	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	756.19	827.96	803.19	71.77	47.00	-24.77	yes	yes	no
104766	S FIGUEROA ST	S FIGUEROA ST	yes	453.46	582.71	609.83	129.25	156.37	27.13	yes	yes	yes
104767	W 42ND ST	W 42ND ST	yes	336.54	580.07	631.09	243.53	294.55	51.02	yes	yes	yes
104773	W CENTURY BLVD	W CENTURY BLVD	yes	8,158.61	14,587.20	13,478.06	6,428.59	5,319.45	-1,109.14	yes	yes	no
104774	S PRAIRIE AVE	S PRAIRIE AVE	yes	270.78	391.85	346.05	121.07	75.27	-45.80	yes	yes	no
104775	W CENTURY BLVD	W CENTURY BLVD	yes	7,530.41	13,709.82	12,658.92	6,179.42	5,128.51	-1,050.91	yes	yes	no
104776	S PRAIRIE AVE	S PRAIRIE AVE	yes	485.92	632.54	629.62	146.62	143.70	-2.92	yes	yes	no
104782	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	99.49	129.58	106.75	30.08	7.25	-22.83	yes	yes	no
104783	S REDONDO BLVD	S REDONDO BLVD	yes	268.52	411.58	366.40	143.06	97.88	-45.18	yes	yes	no
104784	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	170.44	285.04	263.74	114.60	93.30	-21.30	yes	yes	no
104801	AVIATION BLVD	AVIATION BLVD	yes	6,890.08	8,656.86	13,825.25	1,766.78	6,935.17	5,168.39	yes	yes	yes
104826	S AVIATION BLVD	S AVIATION BLVD	yes	2,824.82	3,709.21	4,228.36	884.40	1,403.55	519.15	yes	yes	yes
104828	N AVIATION BLVD	N AVIATION BLVD	yes	4,332.93	5,712.70	6,926.83	1,379.77	2,593.90	1,214.13	yes	yes	yes
104841	W MANCHESTER AVE	W MANCHESTER AVE	yes	8,645.19	10,775.91	5,817.24	2,130.72	-2,827.95	-4,958.67	yes	no	no
104842	AIRPORT BLVD	AIRPORT BLVD	yes	16,747.88	22,774.28	20,608.51	6,026.40	3,860.63	-2,165.77	yes	yes	no
104852	S FIGUEROA ST	S FIGUEROA ST	yes	527.55	646.61	742.99	119.06	215.45	96.39	yes	yes	yes
104853	W VERNON AVE	W VERNON AVE	yes	53.40	73.36	34.31	19.95	-19.10	-39.05	yes	no	no
104862	LA TIJERA BLVD	LA TIJERA BLVD	yes	5,037.50	7,369.74	7,044.05	2,332.24	2,006.55	-325.69	yes	yes	no
104863	LA TIJERA BLVD	LA TIJERA BLVD	yes	8,820.82	13,345.74	11,864.43	4,524.92	3,043.61	-1,481.31	yes	yes	no
104864	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	8,750.24	11,715.25	11,270.56	2,965.02	2,520.32	-444.69	yes	yes	no
104880	S FIGUEROA ST	S FIGUEROA ST	yes	687.78	830.02	864.90	142.25	177.12	34.87	yes	yes	yes
104881	S FIGUEROA ST	S FIGUEROA ST	yes	886.59	1,110.60	1,231.12	224.01	344.53	120.51	yes	yes	yes
104882	W 54TH ST	W 54TH ST	yes	26.58	22.92	38.03	-3.66	11.44	15.11	no	yes	yes
104916	S FIGUEROA ST	S FIGUEROA ST	yes	1,038.92	1,563.84	1,783.17	524.92	744.25	219.32	yes	yes	yes
104917	W SLAUSON AVE	W SLAUSON AVE	yes	793.01	595.00	469.54	-198.02	-323.47	-125.45	no	no	no
104932	W CENTURY BLVD	W CENTURY BLVD	yes	11,308.04	20,470.52	21,331.14	9,162.48	10,023.10	860.62	yes	yes	yes
104933	S LA BREA AVE	S LA BREA AVE	yes	63.87	167.00	99.57	103.13	35.70	-67.43	yes	yes	no
104934	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	3,221.58	6,053.55	7,961.60	2,831.97	4,740.02	1,908.05	yes	yes	yes
104977	S FIGUEROA ST	S FIGUEROA ST	yes	353.29	576.30	642.94	223.01	289.66	66.65	yes	yes	yes
104978	W GAGE AVE	W GAGE AVE	yes	2,072.10	3,254.20	3,800.65	1,182.10	1,728.54	546.44	yes	yes	yes
105006	CULVER BLVD	CULVER BLVD	yes	959.76	1,271.45	1,086.62	311.70	126.87	-184.83	yes	yes	no
105007	DUQUESNE AVE	DUQUESNE AVE	yes	51.69	116.85	98.73	65.16	47.03	-18.12	yes	yes	no
105029	W 120TH ST	W 120TH ST	yes	464.98	466.19	670.93	1.21	205.95	204.74	yes	yes	yes
105030	W 119TH PL	W 119TH PL	yes	765.68	1,377.44	1,807.89	611.76	1,042.21	430.45	yes	yes	yes
105043	S FIGUEROA ST	S FIGUEROA ST	yes	342.63	463.48	467.65	120.85	125.03	4.17	yes	yes	yes
105044	W FLORENCE AVE	W FLORENCE AVE	yes	1,986.70	3,854.81	4,983.81	1,868.11	2,997.11	1,129.01	yes	yes	yes
105065	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	72.85	129.10	466.65	56.26	393.81	337.55	yes	yes	yes
105124	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	421.32	470.05	673.26	48.73	251.94	203.21	yes	yes	yes
105125	W 135TH ST	W 135TH ST	yes	61.12	71.35	74.85	10.23	13.73	3.50	yes	yes	yes
105177	W 135TH ST	W 135TH ST	yes	94.62	127.53	125.61	32.91	30.99	-1.92	yes	yes	no
105178	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	587.06	822.36	899.34	235.30	312.28	76.98	yes	yes	yes
105179	W 135TH ST	W 135TH ST	yes	60.17	104.14	99.61	43.97	39.44	-4.53	yes	yes	no
105192	S FIGUEROA ST	S FIGUEROA ST	yes	1,493.20	1,966.90	1,915.24	473.70	422.04	-51.66	yes	yes	no
105193	W MANCHESTER AVE	W MANCHESTER AVE	yes	159.93	333.00	708.78	173.07	548.85	375.78	yes	yes	yes
105241	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	19,576.14	22,107.98	8,297.85	2,531.84	-11,278.29	-13,810.13	yes	no	no
105253	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	4,847.53	6,994.69	6,749.89	2,147.17	1,902.36	-244.80	yes	yes	no
105254	AVIATION BLVD	AVIATION BLVD	yes	20,508.46	24,460.11	14,052.11	3,951.64	-6,456.35	-10,408.00	yes	no	no
105256	N AVIATION BLVD	N AVIATION BLVD	yes	5,179.98	7,214.69	8,860.30	2,034.70	3,680.32	1,645.61	yes	yes	yes
105273	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	443.67	673.17	803.93	229.50	360.26	130.76	yes	yes	yes
105274	CRENSHAW BLVD	CRENSHAW BLVD	yes	297.02	377.85	305.83	80.83	8.81	-72.02	yes	yes	no
105275	CRENSHAW BLVD	CRENSHAW BLVD	yes	603.46	698.16	601.89	94.70	-1.57	-96.27	yes	no	no
105276	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	619.49	831.20	941.61	211.71	322.12	110.41	yes	yes	yes
105313	OVERLAND AVE	OVERLAND AVE	yes	940.03	1,341.65	1,186.57	401.61	246.54	-155.07	yes	yes	no
105314	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,718.93	2,332.80	2,054.80	613.86	335.86	-278.00	yes	yes	no
105315	JEFFERSON BLVD	JEFFERSON BLVD	yes	445.58	620.28	581.12	174.69	135.54	-39.16	yes	yes	no
105319	EXPOSITION BLVD	EXPOSITION BLVD	yes	243.86	355.09	277.63	111.22	33.77	-77.46	yes	yes	no
105320	S FIGUEROA ST	S FIGUEROA ST	yes	1,442.79	1,959.79	1,903.46	517.00	460.67	-56.33	yes	yes	no
105321	W 92ND ST	W 92ND ST	yes	67.30	59.58	54.19	-7.72	-13.11	-5.39	no	no	no
105354	W SLAUSON AVE	W SLAUSON AVE	yes	4,974.53	7,398.21	7,045.98	2,423.68	2,071.45	-352.23	yes	yes	no
105355	S LA BREA AVE	S LA BREA AVE	yes	378.53	395.47	408.59	16.94	30.07	13.12	yes	yes	yes
105356	W SLAUSON AVE	W SLAUSON AVE	yes	1,206.56	1,357.09	1,221.62	150.53	15.06	-135.47	yes	yes	no
105357	S LA BREA AVE	S LA BREA AVE	yes	4,146.49	6,436.58	6,232.95	2,290.08	2,086.45	-203.63	yes	yes	no
105383	S FIGUEROA ST	S FIGUEROA ST	yes	11.70	28.19	36.06	16.49	24.36	7.87	yes	yes	yes

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105384	W CENTURY BLVD	W CENTURY BLVD	yes	6,273.15	11,950.45	11,051.79	5,677.30	4,778.64	-898.66	yes	yes	no
105418	LA TIJERA BLVD	LA TIJERA BLVD	yes	17,631.82	24,678.65	21,743.29	7,046.83	4,111.47	-2,935.36	yes	yes	no
105419	LA TIJERA BLVD	LA TIJERA BLVD	yes	21,220.76	29,110.88	25,637.79	7,890.12	4,417.03	-3,473.09	yes	yes	no
105429	W ADAMS BLVD	W ADAMS BLVD	yes	17.64	47.23	35.50	29.59	17.86	-11.73	yes	yes	no
105430	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,494.66	5,242.80	5,167.33	1,748.13	1,672.66	-75.47	yes	yes	no
105431	W 27TH ST	W 27TH ST	yes	31.86	36.98	35.70	5.13	3.85	-1.28	yes	yes	no
105434	W FAIRVIEW BLVD	W FAIRVIEW BLVD	yes	582.05	1,014.74	831.55	432.68	249.50	-183.18	yes	yes	no
105435	LA TIJERA BLVD	LA TIJERA BLVD	yes	4,695.35	6,871.74	6,627.35	2,176.39	1,932.00	-244.39	yes	yes	no
105468	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	8,459.05	11,289.25	10,897.99	2,830.20	2,438.94	-391.25	yes	yes	no
105476	W 74TH ST	W 74TH ST	yes	17.57	100.49	47.96	82.93	30.39	-52.53	yes	yes	no
105477	LA TIJERA BLVD	LA TIJERA BLVD	yes	18,861.73	28,004.01	23,947.29	9,142.28	5,085.56	-4,056.72	yes	yes	no
105479	S HOOVER ST	S HOOVER ST	yes	215.83	259.80	260.70	43.97	44.87	0.89	yes	yes	no
105527	W CENTINELA AVE	W CENTINELA AVE	yes	30.30	44.57	55.73	14.27	25.43	11.17	yes	yes	yes
105528	LA TIJERA BLVD	LA TIJERA BLVD	yes	13,304.05	19,618.77	16,822.24	6,314.72	3,518.19	-2,796.53	yes	yes	no
105536	S FAIRFAX AVE	S FAIRFAX AVE	yes	40.09	66.91	55.40	26.83	15.31	-11.52	yes	yes	no
105537	W SLAUSON AVE	W SLAUSON AVE	yes	321.99	596.55	476.77	274.56	154.78	-119.78	yes	yes	no
105538	S FAIRFAX AVE	S FAIRFAX AVE	yes	4,693.16	6,869.16	6,625.23	2,176.00	1,932.06	-243.93	yes	yes	no
105539	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,220.21	4,749.49	5,670.71	-470.72	450.50	921.22	no	yes	yes
105554	S HOOVER ST	S HOOVER ST	yes	196.36	241.56	244.13	45.21	47.77	2.57	yes	yes	yes
105555	W ADAMS BLVD	W ADAMS BLVD	yes	16.02	17.10	14.90	1.09	-1.12	-2.20	yes	no	no
105570	S FIGUEROA ST	S FIGUEROA ST	yes	1.13	34.45	0.61	33.32	-0.52	-33.84	yes	no	no
105571	W 108TH ST	W 108TH ST	yes	23.31	54.89	39.01	31.58	15.70	-15.87	yes	yes	no
105572	ROSECRANS AVE	ROSECRANS AVE	yes	614.16	905.18	921.61	291.02	307.46	16.43	yes	yes	yes
105573	ROSECRANS AVE	ROSECRANS AVE	yes	528.58	732.19	773.25	203.61	244.67	41.06	yes	yes	yes
105575	S FAIRFAX AVE	S FAIRFAX AVE	yes	0.27	0.33	0.33	0.06	0.06	0.00	no	no	no
105576	S LA BREA AVE	S LA BREA AVE	yes	378.80	395.80	408.92	17.00	30.12	13.12	yes	yes	yes
105608	WASHINGTON BLVD	WASHINGTON BLVD	yes	13.42	16.04	14.12	2.62	0.70	-1.92	yes	no	no
105609	NATIONAL BLVD	NATIONAL BLVD	yes	17.19	20.55	28.55	3.36	11.36	8.00	yes	yes	yes
105610	NATIONAL BLVD	NATIONAL BLVD	yes	16.46	19.87	27.74	3.41	11.28	7.87	yes	yes	yes
105611	WASHINGTON BLVD	WASHINGTON BLVD	yes	17.10	20.63	18.75	3.53	1.65	-1.88	yes	yes	no
105622	S HOOVER ST	S HOOVER ST	yes	3.81	4.41	6.94	0.61	3.13	2.53	no	yes	yes
105623	W 30TH ST	W 30TH ST	yes	258.24	325.57	321.63	67.33	63.39	-3.93	yes	yes	no
105626	S HOOVER ST	S HOOVER ST	yes	1.23	1.76	2.87	0.53	1.64	1.10	no	yes	yes
105639	ADAMS BLVD	ADAMS BLVD	yes	6.66	7.80	8.08	1.14	1.42	0.28	yes	yes	no
105640	WASHINGTON BLVD	WASHINGTON BLVD	yes	8.57	12.15	15.13	3.58	6.56	2.98	yes	yes	yes
105641	WASHINGTON BLVD	WASHINGTON BLVD	yes	12.94	19.07	22.20	6.13	9.26	3.13	yes	yes	yes
105649	BRISTOL PKY	BRISTOL PKY	yes	145.63	170.70	151.70	25.07	6.07	-19.00	yes	yes	no
105650	GREEN VALLEY CIR	GREEN VALLEY CIR	yes	201.37	255.59	229.20	54.21	27.83	-26.38	yes	yes	no
105651	BUCKINGHAM RD	BUCKINGHAM RD	yes	2.28	4.14	3.14	1.86	0.86	-1.00	yes	no	no
105652	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	2.28	4.14	3.14	1.86	0.87	-1.00	yes	no	no
105653	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
105686	OVERHILL DR	OVERHILL DR	yes	509.76	728.72	620.52	218.97	110.77	-108.20	yes	yes	no
105702	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,572.66	7,393.42	7,551.07	1,820.75	1,978.41	157.65	yes	yes	yes
105703	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	4.55	40.01	17.49	35.46	12.94	-22.52	yes	yes	no
105704	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,985.29	7,921.18	8,070.62	1,935.89	2,085.33	149.44	yes	yes	yes
105705	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	395.22	540.46	510.64	145.24	115.41	-29.83	yes	yes	no
105743	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	240.47	377.47	396.35	137.01	155.89	18.88	yes	yes	yes
105756	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	3.48	3.57	3.62	0.09	0.14	0.05	no	no	no
105789	W FLORENCE AVE	W FLORENCE AVE	yes	5,587.35	9,511.56	11,134.81	3,924.20	5,547.46	1,623.26	yes	yes	yes
105790	E FLORENCE AVE	E FLORENCE AVE	yes	6,127.66	10,606.48	12,455.63	4,478.82	6,327.97	1,849.15	yes	yes	yes
105801	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	562.46	883.24	11,030.70	320.79	10,468.25	10,147.46	yes	yes	yes
105804	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	403.92	448.09	632.26	44.17	228.34	184.17	yes	yes	yes
105805	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	381.15	427.05	487.11	45.91	105.97	60.06	yes	yes	yes
105827	RODEO RD	RODEO RD	yes	100.44	116.56	142.46	16.12	42.02	25.90	yes	yes	yes
105828	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	26.94	70.24	43.35	43.30	16.41	-26.90	yes	yes	no
105839	S FIGUEROA ST	S FIGUEROA ST	yes	58.78	118.45	78.48	59.67	19.69	-39.98	yes	yes	no
105840	W 120TH ST	W 120TH ST	yes	110.21	175.80	221.19	65.60	110.99	45.39	yes	yes	yes
105869	LA CIENEGA AVE	LA CIENEGA AVE	yes	6.63	8.24	5.83	1.61	-0.80	-2.41	yes	no	no
105870	WASHINGTON BLVD	WASHINGTON BLVD	yes	15.04	17.33	18.07	2.29	3.03	0.74	yes	yes	no
105877	S FIGUEROA ST	S FIGUEROA ST	yes	74.93	136.90	139.49	61.96	64.56	2.60	yes	yes	yes
105885	S FIGUEROA ST	S FIGUEROA ST	yes	24.55	68.05	70.53	43.51	45.99	2.48	yes	yes	yes
105886	W 135TH ST	W 135TH ST	yes	61.47	78.38	77.56	16.91	16.08	-0.82	yes	yes	no
105922	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	2,835.69	3,449.00	4,324.38	613.31	1,488.69	875.38	yes	yes	yes
105923	N NASH ST	N NASH ST	yes	4,423.03	5,587.91	4,782.65	1,164.89	359.62	-805.27	yes	yes	no
105938	W 96TH ST	W 96TH ST	yes	1,254.93	1,312.96	1,123.98	58.03	-130.96	-188.98	yes	no	no
105939	AIRPORT BLVD	AIRPORT BLVD	yes	16,962.40	24,445.49	21,157.35	7,483.08	4,194.95	-3,288.13	yes	yes	no
105940	AIRPORT BLVD	AIRPORT BLVD	yes	9,050.35	11,290.10	10,571.17	2,239.74	1,520.82	-718.92	yes	yes	no
105978	W 83RD ST	W 83RD ST	yes	52.40	69.61	90.86	17.21	38.46	21.25	yes	yes	yes
105979	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	27,019.74	35,008.72	30,664.41	7,988.98	3,644.67	-4,344.31	yes	yes	no
105984	SAWTELLE BLVD	SAWTELLE BLVD	yes	14.51	25.09	26.36	10.58	11.85	1.27	yes	yes	yes

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
105985	OVERLAND AVE	OVERLAND AVE	yes	967.87	1,376.40	1,220.30	408.53	252.44	-156.09	yes	yes	no
106000	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	26,310.09	34,072.87	29,733.71	7,762.78	3,423.62	-4,339.16	yes	yes	no
106002	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	25,857.07	33,494.56	29,327.24	7,637.49	3,470.18	-4,167.31	yes	yes	no
106007	W SLAUSON AVE	W SLAUSON AVE	yes	1,615.78	1,960.30	1,718.51	344.52	102.73	-241.79	yes	yes	no
106021	S PRAIRIE AVE	S PRAIRIE AVE	yes	599.70	810.71	753.28	211.01	153.58	-57.42	yes	yes	no
106022	LENNOX BLVD	LENNOX BLVD	yes	485.10	619.33	628.64	134.22	143.54	9.32	yes	yes	yes
106026	FAIRFAX AVE	FAIRFAX AVE	yes	3,990.22	5,374.99	5,404.67	1,384.77	1,414.45	29.67	yes	yes	yes
106027	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	1,539.60	1,965.36	2,095.09	425.76	555.49	129.73	yes	yes	yes
106096	S LA BREA AVE	S LA BREA AVE	yes	21.38	93.89	77.26	72.51	55.87	-16.63	yes	yes	no
106098	S LA BREA AVE	S LA BREA AVE	yes	21.38	93.89	77.26	72.51	55.87	-16.63	yes	yes	no
106111	S VAN NESS AVE	S VAN NESS AVE	yes	65.51	235.91	223.42	170.40	157.91	-12.49	yes	yes	no
106112	HYDE PARK BLVD	HYDE PARK BLVD	yes	1,357.16	1,018.38	922.60	-338.78	-434.56	-95.78	no	no	no
106114	S VAN NESS AVE	S VAN NESS AVE	yes	135.83	190.01	165.40	54.18	29.57	-24.61	yes	yes	no
106115	WEST BLVD	WEST BLVD	yes	0.23	0.89	0.71	0.66	0.48	-0.18	no	no	no
106155	W 135TH ST	W 135TH ST	yes	238.64	316.58	306.48	77.95	67.84	-10.11	yes	yes	no
106156	W 135TH ST	W 135TH ST	yes	238.64	316.58	306.48	77.95	67.84	-10.11	yes	yes	no
106171	E FAIRVIEW BLVD	E FAIRVIEW BLVD	yes	20.83	30.67	27.92	9.84	7.09	-2.75	yes	yes	no
106182	S WESTERN AVE	S WESTERN AVE	yes	71.49	97.38	100.21	25.88	28.71	2.83	yes	yes	yes
106183	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	928.85	968.22	861.91	39.37	-66.94	-106.31	yes	no	no
106184	S WESTERN AVE	S WESTERN AVE	yes	76.14	103.67	106.79	27.53	30.65	3.12	yes	yes	yes
106194	W FAIRVIEW BLVD	W FAIRVIEW BLVD	yes	545.66	970.83	789.07	425.17	243.40	-181.77	yes	yes	no
106202	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	474.75	528.36	736.22	53.61	261.47	207.86	yes	yes	yes
106236	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	11.82	77.34	63.12	65.52	51.30	-14.22	yes	yes	no
106237	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	69.49	124.15	437.88	54.66	368.39	313.74	yes	yes	yes
106238	S LA BREA AVE	S LA BREA AVE	yes	15.35	82.35	91.91	67.00	76.56	9.56	yes	yes	yes
106249	E FLORENCE AVE	E FLORENCE AVE	yes	5,712.41	9,818.53	9,028.37	4,106.12	3,315.96	-790.16	yes	yes	no
106301	LEIMERT BLVD	LEIMERT BLVD	yes	1,370.57	1,124.52	1,152.36	-246.05	-218.22	27.83	no	no	yes
106302	W VERNON AVE	W VERNON AVE	yes	532.13	822.60	724.20	290.47	192.06	-98.40	yes	yes	no
106303	LEIMERT BLVD	LEIMERT BLVD	yes	1,895.74	1,923.95	1,858.25	28.21	-37.49	-65.70	yes	no	no
106304	W VERNON AVE	W VERNON AVE	yes	6.29	23.18	18.31	16.88	12.01	-4.87	yes	yes	no
106353	LA TIJERA BLVD	LA TIJERA BLVD	yes	7,258.04	9,226.28	8,455.12	1,968.25	1,197.08	-771.17	yes	yes	no
106386	W 48TH ST	W 48TH ST	yes	41.03	62.20	49.65	21.16	8.62	-12.54	yes	yes	no
106388	W 48TH ST	W 48TH ST	yes	42.90	64.26	52.79	21.36	9.89	-11.47	yes	yes	no
106398	E MARIPOSA AVE	E MARIPOSA AVE	yes	60.08	106.21	98.08	46.13	38.00	-8.14	yes	yes	no
106417	W 48TH ST	W 48TH ST	yes	152.82	237.06	234.43	84.24	81.60	-2.64	yes	yes	no
106418	W 48TH ST	W 48TH ST	yes	60.90	125.13	88.96	64.23	28.05	-36.17	yes	yes	no
106419	S WESTERN AVE	S WESTERN AVE	yes	102.67	124.77	124.99	22.10	22.32	0.21	yes	yes	no
106454	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	261.42	328.99	325.05	67.57	63.63	-3.93	yes	yes	no
106455	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	4,966.92	5,739.26	6,450.19	772.34	1,483.27	710.93	yes	yes	yes
106456	CENTINELA AVE	CENTINELA AVE	yes	2.17	34.76	35.32	32.59	33.15	0.56	yes	yes	no
106464	S HOOVER ST	S HOOVER ST	yes	13.80	10.20	19.70	-3.60	5.90	9.50	no	yes	yes
106465	N COLISEUM DR	N COLISEUM DR	yes	0.57	0.05	0.09	-0.52	-0.48	0.04	no	no	no
106466	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	682.17	761.55	731.38	79.37	49.21	-30.17	yes	yes	no
106471	S HOOVER ST	S HOOVER ST	yes	395.61	653.67	714.55	258.06	318.94	60.88	yes	yes	yes
106472	S HOOVER ST	S HOOVER ST	yes	253.89	454.28	475.11	200.39	221.22	20.83	yes	yes	yes
106473	W VERNON AVE	W VERNON AVE	yes	86.93	94.20	66.32	7.27	-20.61	-27.88	yes	no	no
106489	CRENSHAW BLVD	CRENSHAW BLVD	yes	186.40	233.66	306.18	47.26	119.78	72.52	yes	yes	yes
106490	W SLAUSON AVE	W SLAUSON AVE	yes	435.42	310.02	372.66	-125.40	-62.77	62.64	no	no	yes
106491	CRENSHAW BLVD	CRENSHAW BLVD	yes	766.52	630.06	758.93	-136.46	-7.60	128.86	no	no	yes
106492	W SLAUSON AVE	W SLAUSON AVE	yes	13.51	18.88	18.79	5.17	5.28	0.12	yes	yes	no
106499	S HOOVER ST	S HOOVER ST	yes	231.60	425.46	447.98	193.86	216.38	22.51	yes	yes	yes
106500	W 54TH ST	W 54TH ST	yes	90.91	106.55	118.76	15.64	27.85	12.21	yes	yes	yes
106507	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	7,642.13	10,117.60	9,836.14	2,475.47	2,194.01	-281.46	yes	yes	no
106508	S HOOVER ST	S HOOVER ST	yes	201.29	328.56	365.84	127.27	164.55	37.28	yes	yes	yes
106509	W SLAUSON AVE	W SLAUSON AVE	yes	821.84	690.04	549.74	-131.80	-272.10	-140.30	no	no	no
106521	STOCKER ST	STOCKER ST	yes	9,558.85	12,649.27	11,916.32	3,090.43	2,357.47	-732.95	yes	yes	no
106522	STOCKER ST	STOCKER ST	yes	9,598.91	12,716.11	11,971.57	3,117.20	2,372.67	-744.53	yes	yes	no
106532	HAUSER BLVD	HAUSER BLVD	yes	198.83	256.95	253.31	58.12	54.48	-3.64	yes	yes	no
106536	8TH AVE	8TH AVE	yes	47.36	61.98	65.68	18.32	18.32	3.70	yes	yes	yes
106537	W SLAUSON AVE	W SLAUSON AVE	yes	47.32	60.68	59.27	13.36	11.95	-1.40	yes	yes	no
106538	W SLAUSON AVE	W SLAUSON AVE	yes	94.68	122.66	124.95	27.98	30.27	2.29	yes	yes	yes
106550	S HOOVER ST	S HOOVER ST	yes	58.68	129.72	130.06	71.04	71.38	0.33	yes	yes	no
106551	W GAGE AVE	W GAGE AVE	yes	2,225.61	3,471.64	4,054.88	1,246.04	1,829.28	583.24	yes	yes	yes
106552	CRENSHAW BLVD	CRENSHAW BLVD	yes	700.19	1,197.14	1,297.02	496.96	596.83	99.88	yes	yes	yes
106553	HYDE PARK BLVD	HYDE PARK BLVD	yes	1,520.82	1,115.22	950.14	-405.60	-570.69	-165.08	no	no	no
106567	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,231.07	3,199.21	4,867.92	968.14	2,636.85	1,668.71	yes	yes	yes
106568	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	7,835.15	10,579.61	8,098.07	2,744.45	262.91	-2,481.54	yes	yes	no
106587	CRENSHAW BLVD	CRENSHAW BLVD	yes	169.07	302.91	630.39	133.84	461.32	327.48	yes	yes	yes
106588	W FLORENCE AVE	W FLORENCE AVE	yes	4,974.19	8,428.86	9,955.17	3,454.67	4,980.98	1,526.31	yes	yes	yes
106595	S HOOVER ST	S HOOVER ST	yes	32.36	39.64	39.21	7.28	6.85	-0.43	yes	yes	no

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106596	W FLORENCE AVE	W FLORENCE AVE	yes	2,043.28	3,981.00	5,106.81	1,937.71	3,063.53	1,125.82	yes	yes	yes
106617	W CENTURY BLVD	W CENTURY BLVD	yes	9,382.40	17,836.56	19,484.41	8,454.16	10,102.01	1,647.85	yes	yes	yes
106618	S FIR AVE	S FIR AVE	yes	420.84	605.24	529.86	184.40	109.02	-75.39	yes	yes	no
106619	S HOOVER ST	S HOOVER ST	yes	25.39	34.46	28.02	9.07	2.63	-6.44	yes	yes	no
106620	W MANCHESTER AVE	W MANCHESTER AVE	yes	198.17	378.12	759.51	179.95	561.34	381.39	yes	yes	yes
106621	S HOOVER ST	S HOOVER ST	yes	15.21	18.37	17.13	3.16	1.91	-1.24	yes	yes	no
106622	W 92ND ST	W 92ND ST	yes	84.85	84.24	73.82	-0.61	-11.03	-10.42	no	no	no
106641	S HOOVER ST	S HOOVER ST	yes	12.16	31.59	12.83	19.44	0.68	-18.76	yes	no	no
106642	W CENTURY BLVD	W CENTURY BLVD	yes	6,284.88	11,977.79	11,062.46	5,692.92	4,777.58	-915.34	yes	yes	no
106650	S HOOVER ST	S HOOVER ST	yes	13.95	11.46	16.05	-2.49	2.10	4.59	no	yes	yes
106651	W 108TH ST	W 108TH ST	yes	24.56	39.38	39.66	14.82	15.10	0.28	yes	yes	no
106662	S HOOVER ST	S HOOVER ST	yes	5.73	8.63	8.53	2.90	2.80	-0.10	yes	yes	no
106663	W 120TH ST	W 120TH ST	yes	104.41	165.58	212.25	61.18	107.85	46.67	yes	yes	yes
106664	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	639.22	730.40	942.19	91.18	302.97	211.79	yes	yes	yes
106682	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,692.53	7,120.88	7,745.49	1,428.35	2,052.95	624.60	yes	yes	yes
106683	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	426.64	592.29	826.46	165.65	399.82	234.17	yes	yes	yes
106684	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	83.19	224.70	155.64	141.50	72.45	-69.05	yes	yes	no
106685	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	1,245.17	1,761.18	2,760.93	516.00	1,515.76	999.75	yes	yes	yes
106687	W 39TH ST	W 39TH ST	yes	423.79	840.75	904.30	416.97	480.51	63.54	yes	yes	yes
106695	S HOOVER ST	S HOOVER ST	yes	5.31	4.75	4.72	-0.55	-0.59	-0.04	no	no	no
106696	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	312.51	413.64	511.63	101.13	199.12	97.99	yes	yes	yes
106699	RODEO PL	RODEO PL	yes	405.02	652.49	540.37	247.47	135.35	-112.12	yes	yes	no
106723	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	4,663.65	5,854.85	6,605.99	1,191.20	1,942.34	751.14	yes	yes	yes
106725	S HOOVER ST	S HOOVER ST	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
106726	W 135TH ST	W 135TH ST	yes	56.17	73.63	72.84	17.46	16.67	-0.79	yes	yes	no
106744	NATIONAL BLVD	NATIONAL BLVD	yes	21.57	22.50	30.45	0.92	8.88	7.96	no	yes	yes
106745	VENICE BLVD	VENICE BLVD	yes	74.84	106.44	103.13	31.60	28.28	-3.32	yes	yes	no
106770	W 142ND ST	W 142ND ST	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
106774	W ROSECRANS AVE	W ROSECRANS AVE	yes	8.35	30.30	26.73	21.95	18.38	-3.57	yes	yes	no
106786	ARLINGTON AVE	ARLINGTON AVE	yes	97.76	90.02	105.90	-7.74	8.14	15.88	no	yes	yes
106787	ARLINGTON AVE	ARLINGTON AVE	yes	161.45	221.05	205.98	59.60	44.53	-15.07	yes	yes	no
106788	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	373.85	515.80	459.09	141.94	85.24	-56.71	yes	yes	no
106789	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	231.48	280.23	260.59	48.75	29.11	-19.64	yes	yes	no
106793	W 120TH ST	W 120TH ST	yes	393.33	518.84	529.48	125.51	136.15	10.64	yes	yes	yes
106794	CRENSHAW BLVD	CRENSHAW BLVD	yes	574.53	692.75	564.91	118.22	-9.62	-127.84	yes	no	no
106797	FAIRFAX AVE	FAIRFAX AVE	yes	3,984.57	5,369.10	5,398.90	1,384.53	1,414.34	29.80	yes	yes	yes
106798	W ADAMS BLVD	W ADAMS BLVD	yes	3.74	4.92	5.25	1.18	1.51	0.33	yes	yes	no
106814	E HILLCREST BLVD	E HILLCREST BLVD	yes	737.26	1,336.34	3,884.82	599.07	3,147.55	2,548.48	yes	yes	yes
106815	E HILLCREST BLVD	E HILLCREST BLVD	yes	746.82	1,352.79	3,898.95	605.97	3,152.13	2,546.16	yes	yes	yes
106825	UTAH AVE	UTAH AVE	yes	45.95	91.25	87.99	45.29	42.04	-3.25	yes	yes	no
106826	AVIATION BLVD	AVIATION BLVD	yes	2,627.28	3,441.49	3,963.47	814.20	1,336.18	521.98	yes	yes	yes
106837	VENICE BLVD	VENICE BLVD	yes	52.02	64.55	62.97	12.53	10.96	-1.58	yes	yes	no
106842	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	649.68	923.46	1,066.78	273.78	417.10	143.32	yes	yes	yes
106846	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	449.21	612.85	720.05	163.64	270.84	107.20	yes	yes	yes
106847	S YUKON AVE	S YUKON AVE	yes	125.16	173.93	185.44	48.77	60.29	11.51	yes	yes	yes
106863	W 108TH ST	W 108TH ST	yes	38.76	89.98	62.30	51.21	23.54	-27.67	yes	yes	no
106864	W 108TH ST	W 108TH ST	yes	138.65	218.46	190.99	79.81	52.35	-27.47	yes	yes	no
106865	S VAN NESS AVE	S VAN NESS AVE	yes	148.29	174.14	184.07	25.85	35.79	9.93	yes	yes	yes
106873	BUCKINGHAM RD	BUCKINGHAM RD	yes	0.29	0.36	0.24	0.07	-0.05	-0.12	no	no	no
106874	COLISEUM ST	COLISEUM ST	yes	0.01	0.01	0.02	0.00	0.00	0.00	no	no	no
106875	W 111TH ST	W 111TH ST	yes	218.02	350.90	12,100.21	132.88	11,882.20	11,749.32	yes	yes	yes
106876	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	12,362.22	17,628.28	18,285.94	5,266.06	5,923.72	657.66	yes	yes	yes
106883	W CENTURY BLVD	W CENTURY BLVD	yes	7,434.13	13,547.06	12,515.10	6,112.93	5,080.97	-1,031.96	yes	yes	no
106884	S YUKON AVE	S YUKON AVE	yes	81.96	137.90	121.96	55.94	39.99	-15.94	yes	yes	no
106921	W 108TH ST	W 108TH ST	yes	36.82	88.99	61.23	52.17	24.41	-27.76	yes	yes	no
106922	EXPOSITION BLVD	EXPOSITION BLVD	yes	225.67	184.72	168.29	-40.95	-57.38	-16.43	no	no	no
106923	W 54TH ST	W 54TH ST	yes	9.10	31.77	17.99	22.67	8.88	-13.79	yes	yes	no
106924	ALVISO AVE	ALVISO AVE	yes	5.74	10.81	8.57	5.07	2.82	-2.24	yes	yes	no
106932	W SLAUSON AVE	W SLAUSON AVE	yes	1.47	2.92	2.71	1.45	1.24	-0.22	yes	yes	no
106943	W REGENT ST	W REGENT ST	yes	2,824.74	4,750.40	4,305.98	1,925.67	1,481.25	-444.42	yes	yes	no
106944	W REGENT ST	W REGENT ST	yes	2,801.41	4,667.27	4,246.13	1,865.85	1,444.71	-421.14	yes	yes	no
106945	N INGLEWOOD AVE	N INGLEWOOD AVE	yes	24.24	86.46	64.30	62.22	40.06	-22.16	yes	yes	no
106973	W FLORENCE AVE	W FLORENCE AVE	yes	14,175.11	19,566.83	13,722.38	5,391.71	-452.74	-5,844.45	yes	no	no
106975	W FLORENCE AVE	W FLORENCE AVE	yes	5,801.24	10,271.99	9,482.31	4,470.76	3,681.07	-789.68	yes	yes	no
106976	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	1,573.51	2,379.31	7,980.02	805.79	6,406.51	5,600.71	yes	yes	yes
106980	S GRAMERCY PL	S GRAMERCY PL	yes	31.32	36.92	43.97	5.60	12.65	7.05	yes	yes	yes
106988	W 39TH ST	W 39TH ST	yes	9.43	50.83	30.56	41.40	21.13	-20.27	yes	yes	no
106989	W 39TH ST	W 39TH ST	yes	90.33	143.19	112.38	52.87	22.05	-30.81	yes	yes	no
107002	LA TIJERA BLVD	LA TIJERA BLVD	yes	5,834.92	7,534.89	6,470.29	1,699.97	635.37	-1,064.59	yes	yes	no
107009	W CENTURY BLVD	W CENTURY BLVD	yes	57,519.61	82,436.34	61,665.58	24,916.73	4,145.96	-20,770.77	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
107010	W CENTURY BLVD	W CENTURY BLVD	yes	65,415.94	90,680.52	65,498.50	25,264.58	82.55	-25,182.02	yes	yes	no
107012	LA TIJERA BLVD	LA TIJERA BLVD	yes	14,618.14	20,762.66	17,851.42	6,144.52	3,233.28	-2,911.24	yes	yes	no
107030	W MANCHESTER AVE	W MANCHESTER AVE	yes	11,419.09	13,843.56	8,426.74	2,424.47	-2,992.35	-5,416.82	yes	no	no
107031	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	1,133.92	1,782.89	184.65	648.97	-949.27	-1,598.25	yes	no	no
107032	E MARIPOSA AVE	E MARIPOSA AVE	yes	399.73	483.89	403.93	84.17	4.20	-79.97	yes	yes	no
107033	N DOUGLAS ST	N DOUGLAS ST	yes	1,066.15	1,369.94	1,458.14	303.79	391.99	88.20	yes	yes	yes
107037	CULVER BLVD	CULVER BLVD	yes	741.66	974.73	852.56	233.07	110.90	-122.17	yes	yes	no
107038	WASHINGTON BLVD	WASHINGTON BLVD	yes	167.53	231.98	175.63	64.45	8.10	-56.35	yes	yes	no
107039	CULVER BLVD	CULVER BLVD	yes	960.93	1,273.75	1,088.76	312.82	127.83	-184.99	yes	yes	no
107044	8TH AVE	8TH AVE	yes	64.01	83.99	88.41	19.98	24.40	4.42	yes	yes	yes
107045	W 54TH ST	W 54TH ST	yes	25.51	53.00	45.31	27.49	19.80	-7.69	yes	yes	no
107046	W 54TH ST	W 54TH ST	yes	8.72	30.80	22.43	22.08	13.70	-8.37	yes	yes	no
107047	PRAIRIE AVE	PRAIRIE AVE	yes	315.30	467.42	461.26	152.11	145.96	-6.16	yes	yes	no
107050	WESTSIDE AVE	WESTSIDE AVE	yes	23.72	9.63	8.68	-14.09	-15.04	-0.95	no	no	no
107051	COLISEUM ST	COLISEUM ST	yes	134.06	176.51	143.85	42.46	9.80	-32.66	yes	yes	no
107052	WESTSIDE AVE	WESTSIDE AVE	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
107053	COLISEUM ST	COLISEUM ST	yes	40.20	55.36	43.08	15.15	2.88	-12.28	yes	yes	no
107066	W HILLCREST BLVD	W HILLCREST BLVD	yes	1,094.92	1,666.65	2,681.61	571.73	1,586.69	1,014.95	yes	yes	yes
107073	AVIATION BLVD	AVIATION BLVD	yes	17,866.11	21,679.67	22,551.13	3,813.56	4,685.02	871.46	yes	yes	yes
107079	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	256.45	428.32	659.96	171.87	403.52	231.64	yes	yes	yes
107080	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	424.99	724.03	1,283.78	299.05	858.80	559.75	yes	yes	yes
107086	W CENTINELA AVE	W CENTINELA AVE	yes	13.65	23.35	14.71	9.70	1.06	-8.64	yes	yes	no
107087	GREEN VALLEY CIR	GREEN VALLEY CIR	yes	16.85	21.22	41.03	4.57	24.38	19.81	yes	yes	yes
107090	S WESTERN AVE	S WESTERN AVE	yes	1,016.76	1,169.46	1,059.29	152.70	42.53	-110.17	yes	yes	no
107094	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	833.52	1,362.59	1,454.58	529.07	621.06	91.99	yes	yes	yes
107095	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	264.75	422.14	468.96	157.39	204.21	46.82	yes	yes	yes
107096	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	564.17	776.94	959.40	212.77	395.22	182.46	yes	yes	yes
107101	EXPOSITION PL	EXPOSITION PL	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
107102	RODEO RD	RODEO RD	yes	0.08	4.54	1.28	4.45	1.19	-3.26	yes	yes	no
107103	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,932.08	5,835.54	5,703.36	1,903.46	1,771.28	-132.18	yes	yes	no
107108	E ARBOR VITAE ST	E ARBOR VITAE ST	yes	334.47	438.94	945.81	104.47	611.34	506.87	yes	yes	yes
107109	S PRAIRIE AVE	S PRAIRIE AVE	yes	343.18	427.39	950.33	84.22	607.15	522.94	yes	yes	yes
107110	S LA BREA AVE	S LA BREA AVE	yes	8,651.67	11,780.40	11,149.59	3,128.72	2,497.91	-630.81	yes	yes	no
107134	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	204.78	314.96	290.77	110.18	85.99	-24.19	yes	yes	no
107135	LEIMERT BLVD	LEIMERT BLVD	yes	2,085.91	2,135.68	1,987.31	49.77	-98.60	-148.37	yes	no	no
107139	S LA BREA AVE	S LA BREA AVE	yes	22.59	107.39	121.21	84.80	98.62	13.82	yes	yes	yes
107141	SANTA ROSALIA DR	SANTA ROSALIA DR	yes	183.18	351.37	337.26	168.20	154.08	-14.11	yes	yes	no
107142	PALMWOOD DR	PALMWOOD DR	yes	0.75	0.95	0.93	0.20	0.18	-0.02	no	no	no
107144	E ARBOR VITAE ST	E ARBOR VITAE ST	yes	1,672.44	2,396.47	4,070.07	724.03	2,397.63	1,673.60	yes	yes	yes
107154	S VAN NESS AVE	S VAN NESS AVE	yes	16.67	20.24	19.32	3.57	2.65	-0.92	yes	yes	no
107155	W GAGE AVE	W GAGE AVE	yes	88.28	163.58	208.19	75.30	119.92	44.62	yes	yes	yes
107159	RODEO RD	RODEO RD	yes	0.27	0.18	1.27	-0.09	1.00	1.09	no	yes	yes
107172	S MARKET ST	S MARKET ST	yes	187.49	79.83	561.31	-107.66	373.82	481.48	no	yes	yes
107173	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	53.35	89.37	107.34	36.02	54.00	17.98	yes	yes	yes
107179	CRENSHAW BLVD	CRENSHAW BLVD	yes	78.22	96.81	316.67	18.59	238.45	219.86	yes	yes	yes
107180	CRENSHAW BLVD	CRENSHAW BLVD	yes	0.53	7.20	6.57	6.67	6.04	-0.63	yes	yes	no
107181	BUCKINGHAM RD	BUCKINGHAM RD	yes	0.08	0.85	0.71	0.77	0.63	-0.14	no	no	no
107214	S VERMONT AVE	S VERMONT AVE	yes	127.20	150.14	158.96	22.94	31.76	8.82	yes	yes	yes
107217	VAN NESS AVE	VAN NESS AVE	yes	36.56	40.37	44.21	3.81	7.64	3.83	yes	yes	yes
107219	ROSECRANS AVE	ROSECRANS AVE	yes	619.91	816.88	834.34	196.98	214.43	17.46	yes	yes	yes
107222	W ADAMS BLVD	W ADAMS BLVD	yes	72.67	97.96	98.89	25.29	26.22	0.94	yes	yes	no
107232	S VERMONT AVE	S VERMONT AVE	yes	114.86	139.09	147.89	24.23	33.04	8.80	yes	yes	yes
107233	W ADAMS BLVD	W ADAMS BLVD	yes	97.71	141.36	136.89	43.65	39.18	-4.47	yes	yes	no
107238	W 120TH ST	W 120TH ST	yes	300.61	389.27	648.12	88.65	347.51	258.85	yes	yes	yes
107239	W 120TH ST	W 120TH ST	yes	456.08	702.78	794.82	246.70	338.73	92.04	yes	yes	yes
107240	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	1,008.39	1,697.41	1,622.17	689.02	613.79	-75.23	yes	yes	no
107246	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,111.07	3,046.03	4,705.48	934.97	2,594.41	1,659.44	yes	yes	yes
107247	LENNOX BLVD	LENNOX BLVD	yes	677.81	1,043.10	2,040.59	365.30	1,362.78	997.48	yes	yes	yes
107248	LENNOX BLVD	LENNOX BLVD	yes	810.69	1,210.19	2,214.72	399.51	1,404.03	1,004.52	yes	yes	yes
107249	S VERMONT AVE	S VERMONT AVE	yes	281.99	350.96	375.76	68.97	93.77	24.80	yes	yes	yes
107250	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	89.69	112.66	92.59	22.98	2.91	-20.07	yes	yes	no
107261	S VERMONT AVE	S VERMONT AVE	yes	223.32	278.47	298.20	55.14	74.88	19.73	yes	yes	yes
107262	W 37TH DR	W 37TH DR	yes	418.45	563.83	522.30	145.38	103.85	-41.52	yes	yes	no
107266	EXPOSITION BLVD	EXPOSITION BLVD	yes	573.21	488.10	411.61	-85.11	-161.60	-76.49	no	no	no
107267	S VERMONT AVE	S VERMONT AVE	yes	122.36	156.43	202.97	34.07	80.61	46.54	yes	yes	yes
107270	CENTINELA AVE	CENTINELA AVE	yes	1.40	7.29	4.55	5.90	3.15	-2.74	yes	yes	no
107271	E HYDE PARK BLVD	E HYDE PARK BLVD	yes	2,278.27	1,517.97	1,331.98	-760.31	-946.30	-185.99	no	no	no
107272	CENTINELA AVE	CENTINELA AVE	yes	3.13	2.43	2.56	-0.69	-0.56	0.13	no	no	no
107274	W 135TH ST	W 135TH ST	yes	60.96	88.00	84.72	27.04	23.76	-3.28	yes	yes	no
107275	W 135TH ST	W 135TH ST	yes	13.76	35.90	25.35	22.13	11.59	-10.55	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
107281	S VERMONT AVE	S VERMONT AVE	yes	545.91	996.80	1,106.74	450.89	560.83	109.94	yes	yes	yes
107292	STOCKER ST	STOCKER ST	yes	0.05	0.10	0.14	0.06	0.09	0.03	no	no	no
107293	8TH AVE	8TH AVE	yes	0.05	0.10	0.15	0.06	0.11	0.05	no	no	no
107295	S VERMONT AVE	S VERMONT AVE	yes	521.19	970.51	1,071.11	449.32	549.92	100.60	yes	yes	yes
107296	W 39TH ST	W 39TH ST	yes	25.89	26.93	36.19	1.04	10.30	9.26	yes	yes	yes
107298	S VERMONT AVE	S VERMONT AVE	yes	143.97	158.82	174.24	14.85	30.27	15.42	yes	yes	yes
107299	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,848.30	2,602.63	2,650.84	754.33	802.54	48.21	yes	yes	yes
107300	S VAN NESS AVE	S VAN NESS AVE	yes	44.75	37.82	32.79	-6.93	-11.96	-5.03	no	no	no
107301	S VERMONT AVE	S VERMONT AVE	yes	254.34	265.56	301.78	11.22	47.44	36.22	yes	yes	yes
107302	W VERNON AVE	W VERNON AVE	yes	86.50	75.06	75.95	-11.44	-10.55	0.89	no	no	no
107331	S VERMONT AVE	S VERMONT AVE	yes	176.79	209.35	241.71	32.55	64.91	32.36	yes	yes	yes
107332	W 54TH ST	W 54TH ST	yes	61.54	164.83	161.92	103.29	100.38	-2.91	yes	yes	no
107340	S VERMONT AVE	S VERMONT AVE	yes	263.98	351.73	371.98	87.75	108.00	20.25	yes	yes	yes
107341	W SLAUSON AVE	W SLAUSON AVE	yes	746.96	540.05	402.44	-206.90	-344.52	-137.61	no	no	no
107347	S VERMONT AVE	S VERMONT AVE	yes	422.59	591.53	598.60	168.95	176.02	7.07	yes	yes	yes
107348	W GAGE AVE	W GAGE AVE	yes	2,317.53	3,426.80	4,054.42	1,109.26	1,736.89	627.62	yes	yes	yes
107406	S PRAIRIE AVE	S PRAIRIE AVE	yes	115.77	127.97	81.57	12.20	-34.20	-46.40	yes	no	no
107409	S VERMONT AVE	S VERMONT AVE	yes	148.58	186.89	203.02	38.31	54.44	16.13	yes	yes	yes
107410	W FLORENCE AVE	W FLORENCE AVE	yes	2,324.66	4,391.74	5,505.48	2,067.08	3,180.82	1,113.74	yes	yes	yes
107430	W 135TH ST	W 135TH ST	yes	70.75	97.92	98.95	27.17	28.20	1.02	yes	yes	yes
107431	VAN NESS AVE	VAN NESS AVE	yes	26.78	30.46	29.98	3.68	3.20	-0.48	yes	yes	no
107440	S VERMONT AVE	S VERMONT AVE	yes	78.57	85.60	95.74	7.03	17.16	10.13	yes	yes	yes
107442	S WESTERN AVE	S WESTERN AVE	yes	13.06	20.53	21.20	7.46	8.13	0.67	yes	yes	no
107443	W 108TH ST	W 108TH ST	yes	30.94	76.33	52.13	45.40	21.19	-24.21	yes	yes	no
107456	S VERMONT AVE	S VERMONT AVE	yes	161.05	193.84	197.62	32.80	36.57	3.78	yes	yes	yes
107457	W MANCHESTER AVE	W MANCHESTER AVE	yes	188.38	374.08	766.53	185.70	578.14	392.44	yes	yes	yes
107471	S VERMONT AVE	S VERMONT AVE	yes	80.86	106.49	100.64	25.63	19.78	-5.86	yes	yes	no
107472	EXPOSITION BLVD	EXPOSITION BLVD	yes	46.38	121.38	111.37	75.00	64.99	-10.02	yes	yes	no
107473	S WESTERN AVE	S WESTERN AVE	yes	167.92	252.27	260.66	84.35	92.74	8.39	yes	yes	yes
107474	S WESTERN AVE	S WESTERN AVE	yes	556.54	726.43	703.38	169.89	146.85	-23.04	yes	yes	no
107495	W SLAUSON AVE	W SLAUSON AVE	yes	11.38	20.29	18.59	8.91	7.21	-1.71	yes	yes	no
107505	S VERMONT AVE	S VERMONT AVE	yes	302.01	543.87	611.30	241.86	309.29	67.43	yes	yes	yes
107506	W CENTURY BLVD	W CENTURY BLVD	yes	6,525.05	12,461.12	11,618.12	5,936.07	5,093.07	-843.00	yes	yes	no
107508	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	247.33	397.67	444.92	150.34	197.58	47.25	yes	yes	yes
107527	S VERMONT AVE	S VERMONT AVE	yes	85.92	111.11	117.53	25.19	31.61	6.42	yes	yes	yes
107528	W 108TH ST	W 108TH ST	yes	16.18	28.43	31.04	12.25	14.86	2.61	yes	yes	yes
107531	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	266.41	408.08	429.14	141.67	162.73	21.06	yes	yes	yes
107546	S VERMONT AVE	S VERMONT AVE	yes	89.82	113.52	129.03	23.70	39.21	15.51	yes	yes	yes
107547	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	342.14	506.47	533.39	164.33	191.25	26.92	yes	yes	yes
107551	S VERMONT AVE	S VERMONT AVE	yes	154.60	169.00	141.20	14.40	-13.40	-27.80	yes	no	no
107598	S REDONDO BLVD	S REDONDO BLVD	yes	307.66	426.15	377.71	118.49	70.05	-48.44	yes	yes	no
107602	E HILLCREST BLVD	E HILLCREST BLVD	yes	561.97	1,278.99	3,339.50	717.03	2,777.53	2,060.50	yes	yes	yes
107603	VENICE BLVD	VENICE BLVD	yes	50.87	62.50	61.50	11.63	10.63	-1.00	yes	yes	no
107604	CATTARAUGUS AVE	CATTARAUGUS AVE	yes	11.34	14.52	15.54	3.19	4.20	1.02	yes	yes	yes
107606	S VERMONT AVE	S VERMONT AVE	yes	192.74	226.26	174.80	33.51	-17.94	-51.45	yes	no	no
107607	W 120TH ST	W 120TH ST	yes	105.22	182.07	260.13	76.85	154.91	78.06	yes	yes	yes
107616	EXPOSITION PL	EXPOSITION PL	yes	0.00	0.00	1.54	0.00	1.54	1.54	no	yes	yes
107621	S VERMONT AVE	S VERMONT AVE	yes	88.15	110.45	111.90	22.30	23.75	1.46	yes	yes	yes
107622	W CENTURY BLVD	W CENTURY BLVD	yes	7,064.78	13,021.97	12,122.17	5,957.19	5,057.39	-899.80	yes	yes	no
107640	S VERMONT AVE	S VERMONT AVE	yes	191.24	240.19	220.22	48.95	28.99	-19.97	yes	yes	no
107641	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	229.74	303.01	408.14	73.27	178.40	105.14	yes	yes	yes
107646	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	60.77	101.10	139.63	40.34	78.87	38.53	yes	yes	yes
107647	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	46.55	58.66	24.53	12.11	-22.02	-34.13	yes	no	no
107671	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	240.13	449.31	420.27	209.18	180.14	-29.04	yes	yes	no
107672	S LA BREA AVE	S LA BREA AVE	yes	8,853.95	12,167.20	11,431.44	3,313.25	2,577.49	-735.76	yes	yes	no
107685	BUCKINGHAM RD	BUCKINGHAM RD	yes	12.41	30.48	29.86	18.07	17.45	-0.62	yes	yes	no
107686	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	0.02	0.16	0.07	0.14	0.05	-0.09	no	no	no
107693	BUCKINGHAM RD	BUCKINGHAM RD	yes	12.40	29.88	29.35	17.48	16.95	-0.53	yes	yes	no
107694	EXPOSITION BLVD	EXPOSITION BLVD	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
107699	WESTSIDE AVE	WESTSIDE AVE	yes	61.57	89.26	91.45	27.69	29.87	2.18	yes	yes	yes
107709	W FLORENCE AVE	W FLORENCE AVE	yes	2,976.50	5,521.59	5,176.33	2,545.09	2,199.83	-345.26	yes	yes	no
107714	S VERMONT AVE	S VERMONT AVE	yes	81.74	108.62	117.90	26.87	36.15	9.28	yes	yes	yes
107718	CRENSHAW BLVD	CRENSHAW BLVD	yes	14.89	21.95	18.61	7.06	3.72	-3.34	yes	yes	no
107719	W 90TH ST	W 90TH ST	yes	84.58	95.21	313.12	10.63	228.55	217.91	yes	yes	yes
107756	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	412.11	447.65	639.03	35.54	228.92	191.38	yes	yes	yes
107759	RODEO RD	RODEO RD	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
107760	7TH AVE	7TH AVE	yes	91.19	108.32	109.13	17.13	17.94	0.81	yes	yes	no
107787	S VERMONT AVE	S VERMONT AVE	yes	71.17	117.66	113.23	46.49	42.06	-4.43	yes	yes	no
107788	W 120TH ST	W 120TH ST	yes	123.59	205.29	288.46	81.70	164.87	83.17	yes	yes	yes
107789	S VERMONT AVE	S VERMONT AVE	yes	108.27	129.35	116.55	21.09	8.28	-12.81	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
107790	W 135TH ST	W 135TH ST	yes	25.30	35.98	41.81	10.68	16.51	5.83	yes	yes	yes
107791	S LA BREA AVE	S LA BREA AVE	yes	8,487.88	11,581.11	10,952.92	3,093.43	2,465.23	-628.20	yes	yes	no
107792	COLISEUM ST	COLISEUM ST	yes	129.04	152.31	150.63	23.27	21.59	-1.68	yes	yes	no
107794	S VERMONT AVE	S VERMONT AVE	yes	94.00	84.67	92.66	-9.33	-1.34	7.99	no	no	yes
107795	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	368.08	556.77	595.73	188.70	227.66	38.96	yes	yes	yes
107796	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1.87	4.95	3.13	3.08	1.26	-1.82	yes	yes	no
107798	S VERMONT AVE	S VERMONT AVE	yes	19.90	14.62	21.20	-5.28	1.30	6.58	no	yes	yes
107800	W 48TH ST	W 48TH ST	yes	52.30	85.22	63.60	32.92	11.29	-21.62	yes	yes	no
107801	8TH AVE	8TH AVE	yes	26.05	44.52	41.06	18.47	15.01	-3.46	yes	yes	no
107803	8TH AVE	8TH AVE	yes	47.08	48.55	46.15	1.48	-0.92	-2.40	yes	no	no
107804	8TH AVE	8TH AVE	yes	122.44	78.04	75.77	-44.40	-46.67	-2.27	no	no	no
107889	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	1,517.48	1,931.83	2,059.84	414.35	542.37	128.02	yes	yes	yes
107896	W ROSECRANS AVE	W ROSECRANS AVE	yes	778.82	2,276.63	2,232.26	1,497.81	1,453.44	-44.37	yes	yes	no
107908	W SLAUSON AVE	W SLAUSON AVE	yes	1,237.97	1,002.63	920.45	-235.34	-317.52	-82.18	no	no	no
107909	W SLAUSON AVE	W SLAUSON AVE	yes	1,833.73	2,418.11	2,421.00	584.38	587.27	2.89	yes	yes	yes
107910	S WESTERN AVE	S WESTERN AVE	yes	1,476.53	2,431.58	2,636.20	955.05	1,159.67	204.61	yes	yes	yes
107913	NATIONAL BLVD	NATIONAL BLVD	yes	11.05	12.64	18.56	1.58	7.51	5.93	yes	yes	yes
107926	S VERMONT AVE	S VERMONT AVE	yes	77.39	91.71	85.52	14.31	8.12	-6.19	yes	yes	no
107927	ROSECRANS AVE	ROSECRANS AVE	yes	12.88	61.50	66.97	48.62	54.09	5.47	yes	yes	yes
107942	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	195.98	234.45	358.32	38.47	162.34	123.87	yes	yes	yes
107959	CRENSHAW BLVD	CRENSHAW BLVD	yes	4,439.57	6,450.27	6,235.35	2,010.70	1,795.78	-214.92	yes	yes	no
107960	STOCKER ST	STOCKER ST	yes	4,739.17	6,803.79	6,505.34	2,064.62	1,766.16	-298.46	yes	yes	no
107961	CRENSHAW BLVD	CRENSHAW BLVD	yes	53.18	70.04	65.75	16.86	12.57	-4.29	yes	yes	no
107977	W 130TH ST	W 130TH ST	yes	35.61	46.90	61.40	11.29	25.80	14.50	yes	yes	yes
107980	OSAGE AVE	OSAGE AVE	yes	2,398.97	2,461.72	2,783.21	62.76	384.25	321.49	yes	yes	yes
107988	S VERMONT AVE	S VERMONT AVE	yes	81.92	122.90	125.74	40.98	43.82	2.84	yes	yes	yes
108021	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	827.93	973.00	1,193.62	145.08	365.69	220.62	yes	yes	yes
108022	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	2,204.71	3,002.65	2,616.71	797.94	412.00	-385.94	yes	yes	no
108033	S VERMONT AVE	S VERMONT AVE	yes	17.12	48.49	65.97	31.38	48.85	17.48	yes	yes	yes
108034	W 135TH ST	W 135TH ST	yes	6.81	37.58	46.38	30.77	39.57	8.80	yes	yes	yes
108058	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	432.60	588.45	513.68	155.85	81.08	-74.77	yes	yes	no
108087	S VERMONT AVE	S VERMONT AVE	yes	18.87	44.52	71.72	25.65	52.86	27.21	yes	yes	yes
108088	ROSECRANS AVE	ROSECRANS AVE	yes	10.92	53.13	68.83	42.20	57.91	15.70	yes	yes	yes
108112	CRENSHAW BLVD	CRENSHAW BLVD	yes	750.09	608.82	731.59	-141.27	-18.50	122.77	no	no	yes
108113	CRENSHAW BLVD	CRENSHAW BLVD	yes	1,423.00	1,193.17	1,217.22	-229.83	-205.79	24.04	no	no	yes
108132	CULVER BLVD	CULVER BLVD	yes	292.41	415.56	337.19	123.14	44.78	-78.37	yes	yes	no
108218	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	381.27	567.50	489.48	186.23	108.21	-78.02	yes	yes	no
108226	W FLORENCE AVE	W FLORENCE AVE	yes	4,427.32	7,534.34	9,198.98	3,107.02	4,771.67	1,664.65	yes	yes	yes
108227	W FLORENCE AVE	W FLORENCE AVE	yes	2,999.27	5,385.34	6,704.05	2,386.07	3,704.79	1,318.72	yes	yes	yes
108228	S WESTERN AVE	S WESTERN AVE	yes	14.52	25.72	26.15	11.20	11.63	0.43	yes	yes	no
108229	CRENSHAW BLVD	CRENSHAW BLVD	yes	88.66	101.56	71.32	12.90	-17.35	-30.24	yes	no	no
108230	CRENSHAW BLVD	CRENSHAW BLVD	yes	172.10	190.10	199.44	18.00	27.34	9.33	yes	yes	yes
108267	S LA BREA AVE	S LA BREA AVE	yes	2,816.59	4,749.56	4,338.02	1,932.97	1,521.42	-411.54	yes	yes	no
108285	W ADAMS BLVD	W ADAMS BLVD	yes	31.34	8.74	4.46	-22.60	-26.88	-4.28	no	no	no
108286	HAUSER BLVD	HAUSER BLVD	yes	223.57	254.43	246.16	30.86	22.59	-8.27	yes	yes	no
108337	W CENTURY BLVD	W CENTURY BLVD	yes	7,408.79	13,504.21	12,506.76	6,095.42	5,097.96	-997.46	yes	yes	no
108338	S VAN NESS AVE	S VAN NESS AVE	yes	92.14	110.09	109.19	17.95	17.05	-0.90	yes	yes	no
108354	LENNOX BLVD	LENNOX BLVD	yes	633.48	887.69	1,953.88	254.21	1,320.40	1,066.19	yes	yes	yes
108364	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	192.15	424.24	676.70	232.08	484.55	252.47	yes	yes	yes
108383	RODEO RD	RODEO RD	yes	12.23	34.24	30.54	22.01	18.31	-3.70	yes	yes	no
108391	STOCKER ST	STOCKER ST	yes	4,919.30	7,149.81	6,838.93	2,230.52	1,919.63	-310.88	yes	yes	no
108400	CRENSHAW BLVD	CRENSHAW BLVD	yes	305.97	389.30	324.55	83.32	18.58	-64.74	yes	yes	no
108475	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,470.89	4,596.47	5,463.97	1,125.57	1,993.08	867.50	yes	yes	yes
108477	W CENTURY BLVD	W CENTURY BLVD	yes	44,493.21	61,541.04	43,873.94	17,047.83	-619.27	-17,667.09	yes	no	no
108508	W 108TH ST	W 108TH ST	yes	222.46	338.99	311.82	116.53	89.36	-27.17	yes	yes	no
108513	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	435.13	653.47	735.92	218.34	300.79	82.45	yes	yes	yes
108514	VENICE BLVD	VENICE BLVD	yes	295.52	419.21	339.83	123.69	44.31	-79.37	yes	yes	no
108516	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	175.21	219.45	182.04	44.24	6.83	-37.40	yes	yes	no
108517	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	291.40	368.90	324.90	77.50	33.50	-44.00	yes	yes	no
108521	N NASH ST	N NASH ST	yes	191.18	312.81	354.72	121.63	163.55	41.92	yes	yes	yes
108528	W FLORENCE AVE	W FLORENCE AVE	yes	4,428.24	7,535.48	9,199.51	3,107.24	4,771.27	1,664.03	yes	yes	yes
108620	CRENSHAW BLVD	CRENSHAW BLVD	yes	8.31	27.60	42.10	19.30	33.79	14.49	yes	yes	yes
108626	W GAGE AVE	W GAGE AVE	yes	1,579.52	2,386.28	2,824.60	806.76	1,245.08	438.32	yes	yes	yes
108656	S LA BREA AVE	S LA BREA AVE	yes	434.83	266.48	347.08	-168.36	-87.75	80.60	no	no	yes
108657	S LA BREA AVE	S LA BREA AVE	yes	431.41	237.99	317.20	-193.42	-114.21	79.21	no	no	yes
108658	CENTINELA AVE	CENTINELA AVE	yes	2.09	34.19	33.78	32.11	31.69	-0.41	yes	yes	no
108669	W SLAUSON AVE	W SLAUSON AVE	yes	13.38	41.28	26.71	27.91	13.33	-14.58	yes	yes	no
108672	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,094.91	3,002.39	4,605.04	907.49	2,510.13	1,602.64	yes	yes	yes
108681	S NORMANDIE AVE	S NORMANDIE AVE	yes	79.73	100.27	124.68	20.54	44.95	24.41	yes	yes	yes
108684	CRENSHAW BLVD	CRENSHAW BLVD	yes	4.66	11.78	11.08	7.12	6.41	-0.71	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
108688	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	559.80	766.56	844.65	206.76	284.85	78.09	yes	yes	yes
108712	S NORMANDIE AVE	S NORMANDIE AVE	yes	47.83	68.23	72.97	20.40	25.14	4.74	yes	yes	yes
108715	S NORMANDIE AVE	S NORMANDIE AVE	yes	60.25	78.17	84.45	17.92	24.20	6.27	yes	yes	yes
108716	W 35TH ST	W 35TH ST	yes	126.85	165.09	142.04	38.24	15.19	-23.05	yes	yes	no
108729	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	11.02	10.17	7.53	-0.85	-3.49	-2.64	no	no	no
108735	EXPOSITION BLVD	EXPOSITION BLVD	yes	431.36	583.04	541.85	151.68	110.49	-41.19	yes	yes	no
108736	S NORMANDIE AVE	S NORMANDIE AVE	yes	50.07	63.44	69.05	13.37	18.98	5.61	yes	yes	yes
108748	EXPOSITION BLVD	EXPOSITION BLVD	yes	672.06	608.48	505.23	-63.58	-166.82	-103.24	no	no	no
108749	S NORMANDIE AVE	S NORMANDIE AVE	yes	36.72	46.29	52.46	9.57	15.74	6.17	yes	yes	yes
108750	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	6,542.36	8,757.65	8,817.96	2,215.29	2,275.60	60.31	yes	yes	yes
108751	S NORMANDIE AVE	S NORMANDIE AVE	yes	62.09	73.04	88.48	10.95	26.39	15.44	yes	yes	yes
108756	S NORMANDIE AVE	S NORMANDIE AVE	yes	48.95	58.92	75.13	9.97	26.19	16.22	yes	yes	yes
108766	ARBOR VITAE ST	ARBOR VITAE ST	yes	4,792.80	8,394.66	6,499.86	3,601.85	1,707.05	-1,894.80	yes	yes	no
108777	ROSECRANS AVE	ROSECRANS AVE	yes	569.23	784.24	831.24	215.01	262.01	47.00	yes	yes	yes
108781	S NORMANDIE AVE	S NORMANDIE AVE	yes	90.31	122.32	128.81	32.01	38.49	6.48	yes	yes	yes
108782	W VERNON AVE	W VERNON AVE	yes	28.75	34.10	25.25	5.35	-3.51	-8.85	yes	no	no
108788	S NORMANDIE AVE	S NORMANDIE AVE	yes	115.24	152.59	150.13	37.34	34.88	-2.46	yes	yes	no
108810	S NORMANDIE AVE	S NORMANDIE AVE	yes	151.45	188.70	203.94	37.25	52.50	15.24	yes	yes	yes
108830	S NORMANDIE AVE	S NORMANDIE AVE	yes	45.72	58.83	54.45	13.10	8.72	-4.38	yes	yes	no
108834	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	228.18	368.06	420.06	139.88	191.88	52.00	yes	yes	yes
108858	S NORMANDIE AVE	S NORMANDIE AVE	yes	137.14	247.23	347.57	110.09	210.43	100.34	yes	yes	yes
108859	W GAGE AVE	W GAGE AVE	yes	1,602.62	2,347.57	2,751.59	744.95	1,148.98	404.02	yes	yes	yes
108873	S NORMANDIE AVE	S NORMANDIE AVE	yes	70.45	92.97	86.89	22.52	16.44	-6.08	yes	yes	no
108882	S NORMANDIE AVE	S NORMANDIE AVE	yes	62.72	125.72	71.17	63.00	8.45	-54.55	yes	yes	no
108886	E FLORENCE AVE	E FLORENCE AVE	yes	5,860.46	9,847.67	9,863.30	3,987.20	4,002.84	15.63	yes	yes	yes
108896	W 59TH ST	W 59TH ST	yes	4,695.34	6,871.56	6,627.26	2,176.22	1,931.93	-244.29	yes	yes	no
108897	S NORMANDIE AVE	S NORMANDIE AVE	yes	79.78	146.84	96.44	67.06	16.65	-50.41	yes	yes	no
108899	S NORMANDIE AVE	S NORMANDIE AVE	yes	51.42	66.49	62.55	15.08	11.13	-3.95	yes	yes	no
108900	VENICE BLVD	VENICE BLVD	yes	70.64	101.06	99.59	30.42	28.95	-1.47	yes	yes	no
108901	S NORMANDIE AVE	S NORMANDIE AVE	yes	51.41	66.49	62.55	15.08	11.13	-3.94	yes	yes	no
108906	S NORMANDIE AVE	S NORMANDIE AVE	yes	52.26	66.34	69.29	14.08	17.03	2.95	yes	yes	yes
108912	S NORMANDIE AVE	S NORMANDIE AVE	yes	52.15	100.68	71.08	48.54	18.93	-29.60	yes	yes	no
108913	CRENSHAW BLVD	CRENSHAW BLVD	yes	4,056.43	5,877.82	5,742.74	1,821.31	1,686.31	-135.08	yes	yes	no
108918	E FAIRVIEW BLVD	E FAIRVIEW BLVD	yes	602.17	842.00	727.73	239.83	125.56	-114.27	yes	yes	no
108919	W ROSECRANS AVE	W ROSECRANS AVE	yes	533.93	1,732.27	1,675.50	1,198.33	1,141.56	-56.77	yes	yes	no
108920	S NORMANDIE AVE	S NORMANDIE AVE	yes	2.49	7.98	59.33	5.48	56.84	51.36	yes	yes	yes
108923	RODEO RD	RODEO RD	yes	0.02	0.08	0.05	0.06	0.03	-0.03	no	no	no
108924	RODEO RD	RODEO RD	yes	12.25	34.32	30.59	22.07	18.34	-3.73	yes	yes	no
108930	S NORMANDIE AVE	S NORMANDIE AVE	yes	41.65	53.00	51.04	11.35	9.39	-1.96	yes	yes	no
108947	CRENSHAW BLVD	CRENSHAW BLVD	yes	52.43	68.65	64.86	16.22	12.43	-3.79	yes	yes	no
108971	S NORMANDIE AVE	S NORMANDIE AVE	yes	54.69	107.62	102.59	52.93	47.90	-5.03	yes	yes	no
108972	S PRAIRIE AVE	S PRAIRIE AVE	yes	256.37	331.93	628.88	75.56	372.50	296.95	yes	yes	yes
108984	S NORMANDIE AVE	S NORMANDIE AVE	yes	61.64	105.94	81.56	44.30	19.92	-24.38	yes	yes	no
109028	W 108TH ST	W 108TH ST	yes	112.35	149.93	155.12	37.58	42.78	5.19	yes	yes	yes
109064	W FLORENCE AVE	W FLORENCE AVE	yes	2,918.41	5,175.24	4,811.43	2,256.83	1,893.02	-363.81	yes	yes	no
109118	COLISEUM ST	COLISEUM ST	yes	73.75	80.38	80.29	6.63	6.54	-0.09	yes	yes	no
109145	VENICE BLVD	VENICE BLVD	yes	3.10	3.65	2.64	0.54	-0.46	-1.01	no	no	no
109327	S LA BREA AVE	S LA BREA AVE	yes	8,886.54	12,208.59	11,471.98	3,322.06	2,585.44	-736.62	yes	yes	no
109580	EXPOSITION BLVD	EXPOSITION BLVD	yes	684.90	625.29	521.48	-59.61	-163.42	-103.81	no	no	no
124055	I 405 HOV	I 405 HOV	yes	1,233.86	1,802.22	1,367.96	568.36	134.10	-434.26	yes	yes	no
124715	N NASH ST	N NASH ST	yes	498.07	661.57	611.90	163.50	113.83	-49.67	yes	yes	no
124717	ATWOOD WAY	ATWOOD WAY	yes	3,938.53	4,954.13	4,199.46	1,015.59	260.93	-754.66	yes	yes	no
124718	ATWOOD WAY	ATWOOD WAY	yes	143.74	264.93	215.20	121.19	71.46	-49.73	yes	yes	no
124720	N DOUGLAS ST	N DOUGLAS ST	yes	946.28	1,149.66	1,291.62	203.38	345.34	141.95	yes	yes	yes
125485	SAWTELLE BLVD	SAWTELLE BLVD	yes	211.66	253.84	247.47	42.18	35.81	-6.37	yes	yes	no
125486	PALMS BLVD	PALMS BLVD	yes	37.09	41.51	41.95	4.42	4.86	0.44	yes	yes	no
125489	SAWTELLE BLVD	SAWTELLE BLVD	yes	150.69	249.90	161.56	99.21	10.87	-88.34	yes	yes	no
125490	0	0	0	100.14	110.33	134.69	10.19	34.55	24.36	yes	yes	yes
125498	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	344.82	502.53	417.71	157.72	72.89	-84.82	yes	yes	no
125499	0	0	0	11.86	35.36	22.48	23.50	10.62	-12.87	yes	yes	no
125502	SAWTELLE BLVD	SAWTELLE BLVD	yes	137.50	252.64	171.50	115.13	34.00	-81.14	yes	yes	no
125505	SAWTELLE BLVD	SAWTELLE BLVD	yes	97.45	123.80	113.54	26.34	16.08	-10.26	yes	yes	no
125507	BRADDOCK DR	BRADDOCK DR	yes	9.19	9.22	10.75	0.03	1.56	1.53	no	yes	yes
125524	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
125529	20TH ST	20TH ST	yes	30.68	22.75	19.85	-7.92	-10.82	-2.90	no	no	no
125532	0	0	0	76.54	51.97	60.79	-24.57	-15.75	8.83	no	no	yes
125535	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	249.74	298.66	283.00	48.92	33.25	-15.66	yes	yes	no
125536	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
125542	0	0	0	56.91	52.93	67.02	-3.98	10.11	14.09	no	yes	yes
125547	PICO BLVD	PICO BLVD	yes	13.45	15.44	14.43	1.99	0.99	-1.00	yes	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?			
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	
125548			0	yes	42.73	52.70	54.12	9.97	11.39	1.42	yes	yes	yes
125550	S BUNDY DR	S BUNDY DR	0	yes	439.67	640.29	569.17	200.62	129.50	-71.13	yes	yes	no
125553			0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
125555			0	yes	41.05	38.80	73.20	-2.26	32.15	34.40	no	yes	yes
125557	NATIONAL BLVD	NATIONAL BLVD	0	yes	0.20	0.18	0.17	-0.01	-0.03	-0.02	no	no	no
125559	NATIONAL BLVD	NATIONAL BLVD	0	yes	108.15	171.48	149.92	63.33	41.76	-21.57	yes	yes	no
125565	S ROBERTSON BLVD	S ROBERTSON BLVD	0	yes	468.86	589.85	509.75	120.98	40.88	-80.10	yes	yes	no
125566			0	yes	5.12	2.69	2.87	-2.43	-2.25	0.18	no	no	no
125568	NATIONAL BLVD	NATIONAL BLVD	0	yes	22.09	26.29	31.25	4.21	9.16	4.95	yes	yes	yes
125570	S ROBERTSON BLVD	S ROBERTSON BLVD	0	yes	751.30	985.52	824.55	234.22	73.26	-160.96	yes	yes	no
125585			0	yes	1,040.21	1,296.83	1,284.75	256.61	244.54	-12.08	yes	yes	no
126164	HARBOR FWY	HARBOR FWY	0	yes	6,106.83	7,498.57	7,556.89	1,391.74	1,450.06	58.32	yes	yes	yes
126167			0	yes	588.00	664.98	639.87	76.98	51.88	-25.10	yes	yes	no
126168	S FIGUEROA ST	S FIGUEROA ST	0	yes	601.66	759.85	806.36	158.19	204.69	46.51	yes	yes	yes
126169	W 39TH ST	W 39TH ST	0	yes	98.01	86.13	81.00	-11.87	-17.00	-5.13	no	no	no
126170			0	yes	40.36	44.40	45.37	4.04	5.01	0.97	yes	yes	no
126171	W VERNON AVE	W VERNON AVE	0	yes	503.35	501.36	482.35	-2.00	-21.00	-19.00	no	no	no
126913			0	yes	4,015.56	5,024.11	4,348.05	1,008.55	332.49	-676.06	yes	yes	no
126918	JEFFERSON BLVD	JEFFERSON BLVD	0	yes	735.03	745.05	669.59	10.01	-65.44	-75.45	yes	no	no
126920			0	yes	20.35	20.48	40.97	0.13	20.63	20.50	no	yes	yes
126922	SEPULVEDA BLVD	SEPULVEDA BLVD	0	yes	6,740.81	9,038.68	7,839.67	2,297.87	1,098.86	-1,199.01	yes	yes	no
126923	SAN DIEGO FWY	SAN DIEGO FWY	0	yes	11,220.26	14,422.59	14,739.83	3,202.33	3,519.57	317.24	yes	yes	yes
126926			0	yes	364.22	717.48	184.89	353.27	-179.33	-532.60	yes	no	no
126928	INDUSTRIAL AVE	INDUSTRIAL AVE	0	yes	1,665.23	0.00	0.00	-1,665.23	-1,665.23	0.00	no	no	no
126930	S LA CIENEGA BLVD	S LA CIENEGA BLVD	0	yes	483.94	919.47	8,707.24	435.53	8,223.31	7,787.77	yes	yes	yes
126931			0	yes	914.67	1,551.18	352.53	636.51	-562.14	-1,198.65	yes	no	no
126933			0	yes	11.55	323.18	2,019.62	311.62	2,008.07	1,696.45	yes	yes	yes
126935	W MANCHESTER BLVD	W MANCHESTER BLVD	0	yes	2,115.27	3,564.12	3,679.82	1,448.86	1,564.55	115.70	yes	yes	yes
126936			0	yes	20.88	90.50	72.77	69.62	51.90	-17.73	yes	yes	no
126938			0	yes	2,666.28	3,765.46	10,022.89	1,099.19	7,356.62	6,257.43	yes	yes	yes
126945	W CENTURY BLVD	W CENTURY BLVD	0	yes	27,454.49	39,687.72	41,992.06	12,233.23	14,537.57	2,304.34	yes	yes	yes
126947			0	yes	12,422.39	13,518.20	8,930.09	1,095.81	-3,492.30	-4,588.11	yes	no	no
126951			0	yes	18,261.59	22,237.46	22,785.00	3,975.87	4,523.41	547.54	yes	yes	yes
126952			0	yes	18,224.61	22,126.40	22,739.06	3,901.79	4,514.45	612.66	yes	yes	yes
126953			0	yes	212.55	214.38	1.25	1.83	-211.31	-213.14	yes	no	no
126955			0	yes	6,501.89	7,658.94	8,136.45	1,157.05	1,634.56	477.51	yes	yes	yes
126959	S LA CIENEGA BLVD	S LA CIENEGA BLVD	0	yes	12,317.76	17,804.02	18,580.28	5,486.27	6,262.52	776.26	yes	yes	yes
126964			0	yes	2,593.96	4,704.52	4,309.34	2,110.55	1,715.37	-395.18	yes	yes	no
126969	S LA CIENEGA BLVD	S LA CIENEGA BLVD	0	yes	684.65	1,743.59	2,179.91	1,058.94	1,495.25	436.32	yes	yes	yes
126970			0	yes	620.97	1,611.83	1,975.38	990.86	1,354.41	363.55	yes	yes	yes
126975	SAN DIEGO FWY	SAN DIEGO FWY	0	yes	21,448.21	27,122.62	27,832.90	5,674.42	6,384.69	710.27	yes	yes	yes
126976			0	yes	1.07	3.06	3.60	1.99	2.52	0.54	yes	yes	no
126977			0	yes	1,264.49	1,804.98	2,020.12	540.49	755.63	215.14	yes	yes	yes
126978	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	0	yes	2,091.26	2,774.93	3,210.14	683.68	1,118.89	435.21	yes	yes	yes
126981	W ROSECRANS AVE	W ROSECRANS AVE	0	yes	719.26	1,623.58	1,378.63	904.32	659.37	-244.95	yes	yes	no
127174	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	0	yes	5,816.25	7,334.71	7,067.45	1,518.46	1,251.20	-267.26	yes	yes	no
127176	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	0	yes	7,587.66	8,373.90	8,346.65	786.24	758.99	-27.26	yes	yes	no
127177	CALIFORNIA ST	CALIFORNIA ST	0	yes	30.38	42.71	46.82	12.33	16.44	4.11	yes	yes	yes
127178	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	0	yes	1,159.33	1,187.55	1,232.86	28.22	73.52	45.31	yes	yes	yes
127179	S SEPULVEDA BLVD	S SEPULVEDA BLVD	0	yes	23,397.49	33,845.98	27,638.51	10,448.49	4,241.02	-6,207.46	yes	yes	no
127180	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	0	yes	738.43	804.18	812.74	65.74	74.30	8.56	yes	yes	yes
127181	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	0	yes	342.09	406.26	396.35	64.17	54.26	-9.91	yes	yes	no
127182	W CENTURY BLVD	W CENTURY BLVD	0	yes	32,964.66	51,082.45	37,358.53	18,117.79	4,393.87	-13,723.92	yes	yes	no
127184			0	yes	22,777.99	26,902.04	24,079.78	4,124.05	1,301.79	-2,822.26	yes	yes	no
127185	W CENTURY BLVD	W CENTURY BLVD	0	yes	25,153.00	36,755.78	25,478.36	11,602.78	325.36	-11,277.42	yes	yes	no
127186			0	yes	22,442.63	26,602.50	23,553.00	4,159.87	1,110.38	-3,049.50	yes	yes	no
127187			0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
127189			0	yes	15,270.82	17,173.24	15,875.26	1,902.42	604.44	-1,297.98	yes	yes	no
127190	S SEPULVEDA BLVD	S SEPULVEDA BLVD	0	yes	4,413.44	8,736.47	6,196.49	4,323.03	1,783.05	-2,539.98	yes	yes	no
127192	S SEPULVEDA BLVD	S SEPULVEDA BLVD	0	yes	21,834.04	28,749.31	23,546.02	6,915.27	1,711.98	-5,203.30	yes	yes	no
127193			0	yes	10,038.70	14,480.94	9,361.87	4,442.25	-676.83	-5,119.07	yes	no	no
127194	S SEPULVEDA BLVD	S SEPULVEDA BLVD	0	yes	31,479.60	40,173.60	36,255.90	8,694.00	4,776.30	-3,917.70	yes	yes	no
127195			0	yes	15,271.70	16,093.37	14,355.05	821.67	-916.65	-1,738.32	yes	no	no
127196	S SEPULVEDA BLVD	S SEPULVEDA BLVD	0	yes	16,208.78	23,000.35	20,380.64	6,791.57	4,171.86	-2,619.72	yes	yes	no
127198	GLENN ANDERSON FWY	GLENN ANDERSON FWY	0	yes	37,738.05	42,912.83	39,046.10	5,174.78	1,308.06	-3,866.72	yes	yes	no
127210	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	0	yes	908.77	1,554.30	2,948.01	645.53	2,039.24	1,393.71	yes	yes	yes
127211			0	yes	425.72	902.70	2,192.11	476.98	1,766.39	1,289.41	yes	yes	yes
127215	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	0	yes	556.94	757.56	857.36	200.62	300.43	99.80	yes	yes	yes
127219	W 120TH ST	W 120TH ST	0	yes	676.41	931.90	875.38	255.49	198.96	-56.52	yes	yes	no
127222			0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	
127225			0	yes	7.44	9.07	7.89	1.63	0.45	-1.17	yes	no	no
127230	S VERMONT AVE	S VERMONT AVE	0	yes	154.80	169.00	141.20	14.40	-13.40	-27.80	yes	no	no
127232	ATHENS WAY	ATHENS WAY	0	yes	33.43	33.58	54.75	0.16	21.32	21.16	no	yes	yes
127236	I 105 HOV	I 105 HOV	0	yes	5,110.52	6,493.30	6,174.53	1,382.78	1,064.01	-318.77	yes	yes	no
127290	W SLAUSON AVE	W SLAUSON AVE	0	yes	845.21	884.89	847.99	39.68	2.78	-36.90	yes	yes	no
127291			0	yes	42.76	34.35	27.27	-8.41	-15.49	-7.08	no	no	no
127296	HARBOR FWY	HARBOR FWY	0	yes	3,852.38	3,657.41	3,214.79	-194.97	-637.59	-442.62	no	no	no
127301			0	yes	9.60	0.99	0.41	-8.60	-9.19	-0.59	no	no	no
127306			0	yes	2.13	2.45	2.36	0.32	0.23	-0.09	no	no	no
127312	W ROSECRANS AVE	W ROSECRANS AVE	0	yes	15.56	38.54	42.06	22.97	26.50	3.53	yes	yes	yes
127314			0	yes	0.00	7.56	0.18	7.56	0.18	-7.38	yes	no	no
127642	MARINA FWY	MARINA FWY	0	yes	972.98	1,076.30	1,091.04	103.32	118.06	14.73	yes	yes	yes
127646			0	yes	14.98	19.66	29.78	4.68	14.80	10.12	yes	yes	yes
127651			0	yes	107.25	105.56	92.51	-1.69	-14.74	-13.05	no	no	no
129577	HARBOR FWY	HARBOR FWY	0	yes	4,613.26	4,875.76	4,243.02	262.50	-370.23	-632.74	yes	no	no
129661			0	yes	157.69	149.98	151.21	-7.71	-6.49	1.22	no	no	yes
129662	CULVER BLVD	CULVER BLVD	0	yes	2,189.84	2,546.81	2,473.40	356.97	283.55	-73.42	yes	yes	no
129663	LINCOLN BLVD	LINCOLN BLVD	0	yes	13,692.68	17,503.24	15,956.14	3,810.56	2,263.47	-1,547.10	yes	yes	no
129664	CENTER WAY S	CENTER WAY S	0	yes	25,045.75	32,634.02	25,898.86	7,588.26	853.11	-6,735.16	yes	yes	no
129665			0	yes	892.87	1,684.21	317.45	791.34	-575.42	-1,366.76	yes	no	no
129667	SKY WAY	SKY WAY	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
129668	WEST WAY	WEST WAY	0	yes	15,021.09	22,787.62	15,201.13	7,786.53	180.05	-7,586.49	yes	yes	no
129669	WEST WAY	WEST WAY	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
129670	WEST WAY	WEST WAY	0	yes	5,529.26	7,626.74	5,938.87	2,097.48	409.61	-1,687.87	yes	yes	no
129671	WEST WAY	WEST WAY	0	yes	5,529.26	7,626.74	5,938.87	2,097.48	409.61	-1,687.87	yes	yes	no
129672	CENTER WAY	CENTER WAY	0	yes	20,550.34	30,414.36	21,140.00	9,864.02	589.66	-9,274.36	yes	yes	no
129673	WORLD WAY	WORLD WAY	0	yes	15,021.09	22,787.62	15,201.13	7,786.53	180.05	-7,586.49	yes	yes	no
129674			0	yes	238.90	458.63	471.41	219.73	232.51	12.79	yes	yes	yes
129675	WORLD WAY	WORLD WAY	0	yes	93.99	3,194.14	617.02	3,100.15	523.03	-2,577.13	yes	yes	no
129676	WORLD WAY	WORLD WAY	0	yes	67,427.06	89,731.97	69,083.17	22,304.91	1,656.11	-20,648.80	yes	yes	no
129677	WORLD WAY	WORLD WAY	0	yes	32,964.05	47,185.03	32,385.49	14,220.99	-578.56	-14,799.55	yes	no	no
129678	WORLD WAY	WORLD WAY	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
129679	WORLD WAY	WORLD WAY	0	yes	38,493.30	54,811.77	38,324.36	16,318.42	-168.95	-16,487.42	yes	no	no
129680	EAST WAY	EAST WAY	0	yes	0.00	1,824.17	110.17	1,824.17	110.17	-1,714.00	yes	yes	no
129681	EAST WAY	EAST WAY	0	yes	0.00	1,824.17	110.17	1,824.17	110.17	-1,714.00	yes	yes	no
129682	WORLD WAY	WORLD WAY	0	yes	38,493.30	52,987.60	38,214.19	14,494.30	-279.12	-14,773.42	yes	no	no
129683	WORLD WAY	WORLD WAY	0	yes	38,493.30	54,811.77	38,324.36	16,318.42	-168.95	-16,487.42	yes	no	no
129684	EAST WAY	EAST WAY	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
129685	EAST WAY	EAST WAY	0	yes	7,168.22	9,087.10	4,730.16	1,918.88	-2,438.07	-4,356.95	yes	no	no
129686	EAST WAY	EAST WAY	0	yes	7,168.22	9,087.10	4,730.16	1,918.88	-2,438.07	-4,356.95	yes	no	no
129687	WORLD WAY	WORLD WAY	0	yes	75,279.92	103,432.49	79,554.15	28,152.57	4,274.23	-23,878.34	yes	yes	no
129688	WORLD WAY	WORLD WAY	0	yes	82,448.15	112,519.59	84,284.30	30,071.45	1,836.16	-28,235.29	yes	yes	no
129689	WORLD WAY	WORLD WAY	0	yes	82,448.15	112,519.59	84,284.30	30,071.45	1,836.16	-28,235.29	yes	yes	no
129690	WORLD WAY	WORLD WAY	0	yes	47,595.63	63,358.28	49,031.36	15,762.65	1,435.74	-14,326.92	yes	yes	no
129691	WORLD WAY	WORLD WAY	0	yes	35,847.39	47,414.80	36,318.00	11,567.41	470.61	-11,096.80	yes	yes	no
129692	WORLD WAY	WORLD WAY	0	yes	2,645.91	7,396.98	2,006.36	4,751.06	-639.56	-5,390.62	yes	no	no
129693	W CENTURY BLVD	W CENTURY BLVD	0	yes	1,753.04	5,712.76	1,688.90	3,959.72	-64.14	-4,023.86	yes	no	no
129694	WORLD WAY	WORLD WAY	0	yes	49,348.67	69,071.05	50,720.27	19,722.38	1,371.60	-18,350.78	yes	yes	no
129695	W CENTURY BLVD	W CENTURY BLVD	0	yes	21,853.40	33,483.80	23,759.26	11,630.39	1,905.86	-9,724.53	yes	yes	no
129696	WORLD WAY	WORLD WAY	0	yes	37,124.22	50,657.04	39,634.52	13,532.82	2,510.30	-11,022.52	yes	yes	no
129699	W CENTURY BLVD	W CENTURY BLVD	0	yes	21,853.40	33,483.80	23,759.26	11,630.39	1,905.86	-9,724.53	yes	yes	no
129701	W CENTURY BLVD	W CENTURY BLVD	0	yes	12,053.60	19,461.48	14,868.80	7,407.88	2,815.20	-4,592.68	yes	yes	no
129702	W CENTURY BLVD	W CENTURY BLVD	0	yes	20,575.69	31,321.43	21,962.95	10,745.74	1,387.26	-9,358.48	yes	yes	no
129704	W CENTURY BLVD	W CENTURY BLVD	0	yes	27,136.00	38,840.85	27,777.36	11,704.85	641.35	-11,063.50	yes	yes	no
129706	W CENTURY BLVD	W CENTURY BLVD	0	yes	25,153.00	36,756.15	25,478.36	11,603.15	325.36	-11,277.79	yes	yes	no
129707	W CENTURY BLVD	W CENTURY BLVD	0	no	2,416.24	6,727.32	3,026.07	4,311.08	3,026.07	3,026.07	yes	yes	yes
129710	S SEPULVEDA BLVD	S SEPULVEDA BLVD	0	yes	4,652.34	9,195.10	6,667.90	4,542.76	2,015.57	-2,527.19	yes	yes	no
129711	W CENTURY BLVD	W CENTURY BLVD	0	yes	2,880.51	3,636.83	4,783.75	756.32	1,903.24	1,146.92	yes	yes	yes
129712	W CENTURY BLVD	W CENTURY BLVD	0	yes	775.75	1,773.18	560.26	997.43	-215.50	-1,212.93	yes	no	no
129713	S SEPULVEDA BLVD	S SEPULVEDA BLVD	0	yes	18,623.84	27,579.76	19,403.44	8,955.92	779.60	-8,176.32	yes	yes	no
129714	W CENTURY BLVD	W CENTURY BLVD	0	yes	824.63	4,436.83	1,054.12	3,612.21	229.49	-3,382.72	yes	yes	no
129716	W CENTURY BLVD	W CENTURY BLVD	0	yes	16.15	1,799.11	56.76	1,782.96	40.61	-1,742.35	yes	yes	no
129717	W CENTURY BLVD	W CENTURY BLVD	0	yes	93.99	3,193.78	617.02	3,099.79	523.03	-2,576.76	yes	yes	no
129718	SKY WAY	SKY WAY	0	yes	1,753.04	5,712.76	1,688.90	3,959.72	-64.14	-4,023.86	yes	no	no
129719	WORLD WAY	WORLD WAY	0	yes	34,852.52	49,161.31	35,252.94	14,308.79	400.42	-13,908.37	yes	yes	no
129720	SKY WAY	SKY WAY	0	yes	14,011.74	20,172.72	14,014.19	6,160.98	2.45	-6,158.53	yes	yes	no
129721	SKY WAY	SKY WAY	0	yes	15,764.78	25,885.48	15,703.10	10,120.70	-61.68	-10,182.38	yes	no	no
129723	S SEPULVEDA BLVD	S SEPULVEDA BLVD	0	yes	15,222.44	20,755.93	19,572.77	5,533.49	4,350.34	-1,183.15	yes	yes	no
129724	SKY WAY	SKY WAY	0	yes	9,963.39	11,163.56	9,701.15	1,200.17	-262.24	-1,462.42	yes	no	no
129725	SKY WAY	SKY WAY	0	yes	10,161.02	17,417.29	9,366.78	7,256.27	-794.25	-8,050.51	yes	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
129727	W CENTURY BLVD	W CENTURY BLVD	yes	1,753.04	5,712.76	1,688.90	3,959.72	-64.14	-4,023.86	yes	no	no
129728	W CENTURY BLVD	W CENTURY BLVD	yes	22,092.30	33,942.42	24,230.67	11,850.12	2,138.37	-9,711.75	yes	yes	no
129729	VICKSBURG AVE	VICKSBURG AVE	no	4,034.83	5,644.57	5,204.50	1,609.74	5,204.50	5,204.50	yes	yes	yes
129730	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
129731	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
129822	STOCKER ST	STOCKER ST	yes	4,919.30	7,149.81	6,838.93	2,230.52	1,919.63	-310.88	yes	yes	no
129823	STOCKER ST	STOCKER ST	yes	4,919.30	7,149.81	6,838.93	2,230.52	1,919.63	-310.88	yes	yes	no
129824	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	0.02	0.08	0.05	0.06	0.03	-0.03	no	no	no
129825	RODEO RD	RODEO RD	yes	12.23	34.24	30.54	22.01	18.31	-3.70	yes	yes	no
129826	RODEO RD	RODEO RD	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
129828	S LA BREA AVE	S LA BREA AVE	yes	8,828.60	12,004.55	11,368.21	3,175.94	2,539.61	-636.33	yes	yes	no
129834	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,561.04	4,920.52	4,876.23	1,359.48	1,315.18	-44.29	yes	yes	no
129836	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	2,981.32	3,837.13	3,941.73	855.81	960.41	104.60	yes	yes	yes
129838	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	29.21	71.33	44.76	42.11	15.55	-26.56	yes	yes	no
129839	RODEO RD	RODEO RD	yes	102.72	117.64	143.88	14.93	41.16	26.23	yes	yes	yes
129840	RODEO RD	RODEO RD	yes	2.27	1.08	1.42	-1.19	-0.86	0.34	no	no	no
129844	BURKSHIRE AVE	BURKSHIRE AVE	yes	82.44	114.14	108.49	31.70	26.04	-5.65	yes	yes	no
129845	S BENTLEY AVE	S BENTLEY AVE	yes	751.30	824.97	806.96	73.66	55.65	-18.01	yes	yes	no
129847	NATIONAL BLVD	NATIONAL BLVD	yes	34.07	20.52	19.51	-13.55	-14.56	-1.01	no	no	no
129849	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	439.14	610.14	506.87	170.99	67.73	-103.26	yes	yes	no
129875	ROSE AVE	ROSE AVE	yes	43.69	13.25	15.70	-30.43	-27.99	2.45	no	no	yes
130398	BROOKS AVE	BROOKS AVE	yes	16.32	14.39	53.28	-1.93	36.96	38.89	no	yes	yes
130399	MAIN ST	MAIN ST	yes	2,277.30	2,710.10	2,519.52	432.80	242.22	-190.58	yes	yes	no
130400	MAIN ST	MAIN ST	yes	925.67	1,121.15	1,003.98	195.48	78.31	-117.18	yes	yes	no
130401	WASHINGTON BLVD	WASHINGTON BLVD	yes	8.11	13.47	13.98	5.35	5.87	0.51	yes	yes	no
130402	WASHINGTON BLVD	WASHINGTON BLVD	yes	8.10	13.45	13.97	5.35	5.86	0.51	yes	yes	no
130403	WASHINGTON BLVD	WASHINGTON BLVD	yes	6.69	9.15	10.18	2.45	3.49	1.04	yes	yes	yes
130404	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,029.25	1,422.52	1,256.31	393.28	227.07	-166.21	yes	yes	no
130405	JEFFERSON BLVD	JEFFERSON BLVD	yes	689.73	912.37	800.36	222.63	110.63	-112.01	yes	yes	no
130406	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	1,175.47	1,580.13	1,360.39	404.66	184.93	-219.73	yes	yes	no
130408	STOCKER ST	STOCKER ST	yes	4,081.11	5,197.10	4,959.94	1,115.98	878.83	-237.15	yes	yes	no
130409	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	7,630.87	10,109.71	9,828.45	2,478.84	2,197.58	-281.26	yes	yes	no
130414	W SLAUSON AVE	W SLAUSON AVE	yes	65.18	67.52	60.38	2.35	-4.80	-7.15	yes	no	no
130415	0	0	yes	11.26	7.89	7.69	-3.37	-3.57	-0.20	no	no	no
130416	W SLAUSON AVE	W SLAUSON AVE	yes	88.64	234.21	170.63	145.57	81.99	-63.58	yes	yes	no
130418	0	0	yes	6.47	23.81	11.70	17.15	5.24	-11.91	yes	yes	no
130419	BRADLEY PL	BRADLEY PL	yes	7,684.39	10,315.39	9,970.91	2,631.00	2,286.52	-344.48	yes	yes	no
130420	0	0	yes	53.52	205.68	142.46	152.16	88.94	-63.22	yes	yes	no
130421	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	8,452.58	11,265.64	10,886.29	2,813.05	2,433.71	-379.35	yes	yes	no
130422	0	0	yes	262.52	406.80	342.25	144.28	79.74	-64.55	yes	yes	no
130424	OVERHILL DR	OVERHILL DR	yes	2.50	1.68	2.63	-0.82	0.13	0.95	no	no	no
130425	S LA BREA AVE	S LA BREA AVE	yes	2,841.37	4,459.80	4,260.18	1,618.43	1,418.81	-199.62	yes	yes	no
130426	S LA BREA AVE	S LA BREA AVE	yes	15.20	25.53	48.43	10.33	33.22	22.89	yes	yes	yes
130427	S LA BREA AVE	S LA BREA AVE	yes	1,305.13	1,976.78	1,972.76	671.65	667.64	-4.01	yes	yes	no
130428	STOCKER ST	STOCKER ST	yes	3,626.88	5,196.89	4,911.97	1,570.02	1,285.09	-284.92	yes	yes	no
130429	STOCKER ST	STOCKER ST	yes	1,292.42	1,952.92	1,926.96	660.50	634.54	-25.96	yes	yes	no
130431	S VAN NESS AVE	S VAN NESS AVE	yes	136.48	190.58	166.97	54.10	30.49	-23.61	yes	yes	no
130435	W 88TH ST	W 88TH ST	yes	2.65	57.48	43.02	54.83	40.37	-14.46	yes	yes	no
130436	LA TIERA PKY	LA TIERA PKY	yes	2.16	56.37	41.43	54.21	39.27	-14.93	yes	yes	no
130437	LA TIJERA BLVD	LA TIJERA BLVD	yes	318.25	457.48	430.80	139.23	112.55	-26.68	yes	yes	no
130439	W 88TH ST	W 88TH ST	yes	0.48	1.11	1.59	0.62	1.10	0.48	no	yes	no
130440	W 83RD ST	W 83RD ST	yes	24.63	44.88	25.30	20.25	0.67	-19.58	yes	no	no
130441	LINCOLN BLVD	LINCOLN BLVD	yes	7,555.62	9,620.72	8,970.40	2,065.11	1,414.78	-650.33	yes	yes	no
130442	LINCOLN BLVD	LINCOLN BLVD	yes	7,114.43	9,083.30	8,691.39	1,968.87	1,576.96	-391.91	yes	yes	no
130443	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
130444	COLEGIO DR	COLEGIO DR	yes	312.87	371.02	357.49	58.15	44.62	-13.52	yes	yes	no
130445	0	0	yes	340.06	485.48	411.39	145.42	71.34	-74.09	yes	yes	no
130446	LINCOLN BLVD	LINCOLN BLVD	yes	7,837.67	10,072.41	9,408.65	2,234.74	1,570.98	-663.76	yes	yes	no
130447	0	0	yes	282.05	451.69	438.25	169.63	156.20	-13.44	yes	yes	no
130449	0	0	yes	312.87	371.02	357.49	58.15	44.62	-13.52	yes	yes	no
130450	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	18,076.67	22,840.81	20,587.18	4,764.14	2,510.52	-2,253.63	yes	yes	no
130451	LINCOLN BLVD	LINCOLN BLVD	yes	7,895.67	10,106.21	9,381.79	2,210.53	1,486.12	-724.41	yes	yes	no
130452	0	0	yes	117.19	17.68	93.91	-99.51	-23.28	76.23	no	no	yes
130453	WORLD WAY W	WORLD WAY W	yes	4,718.82	5,351.45	5,360.56	632.63	641.74	9.11	yes	yes	yes
130455	WORLD WAY W	WORLD WAY W	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
130456	0	0	yes	3,564.96	4,027.49	4,036.40	462.53	471.44	8.91	yes	yes	yes
130457	0	0	yes	1,153.86	1,323.96	1,324.16	170.10	170.30	0.20	yes	yes	no
130458	WORLD WAY W	WORLD WAY W	yes	8,912.99	10,108.09	10,108.58	1,195.10	1,195.60	0.49	yes	yes	no
130459	0	0	yes	1,729.08	1,978.16	1,969.51	249.08	240.43	-8.65	yes	yes	no
130460	0	0	yes	2,465.08	2,778.48	2,778.51	313.39	313.43	0.03	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
130461	PERSHING DR	PERSHING DR	yes	464.89	636.72	606.53	171.84	141.65	-30.19	yes	yes	no
130462	PERSHING DR	PERSHING DR	yes	6,494.93	7,442.69	7,421.44	947.76	926.52	-21.25	yes	yes	no
130464	INDUSTRIAL AVE	INDUSTRIAL AVE	yes	2,745.49	1,385.80	1,247.12	-1,359.69	-1,498.37	-138.68	no	no	no
130465	E MARIPOSA AVE	E MARIPOSA AVE	yes	363.23	443.00	355.52	79.77	-7.70	-87.48	yes	no	no
130467	S VERMONT AVE	S VERMONT AVE	yes	138.93	134.30	127.85	-4.62	-11.07	-6.45	no	no	no
130468	W 92ND ST	W 92ND ST	yes	57.96	27.60	26.70	-30.35	-31.25	-0.90	no	no	no
130469	S BROADWAY	S BROADWAY	yes	1.03	2.26	7.09	1.23	6.06	4.83	yes	yes	yes
133124	23RD ST	23RD ST	yes	451.68	596.94	549.07	145.26	97.39	-47.87	yes	yes	no
133126	JEFFERSON BLVD	JEFFERSON BLVD	yes	29.21	71.33	44.76	42.11	15.55	-26.56	yes	yes	no
133127	BUTLER AVE	BUTLER AVE	yes	15.58	18.06	17.40	2.49	1.82	-0.67	yes	yes	no
133128	NATIONAL PL	NATIONAL PL	yes	1.93	4.56	4.43	2.62	2.49	-0.13	yes	yes	no
133166	MARQUESAS WAY	MARQUESAS WAY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
133167	GRAYRIDGE DR	GRAYRIDGE DR	yes	982.38	1,401.46	1,246.63	419.08	264.25	-154.83	yes	yes	no
133168	NICHOLSON ST	NICHOLSON ST	yes	2,656.51	3,083.55	3,052.68	427.04	396.17	-30.87	yes	yes	no
133170	CENTER WAY N	CENTER WAY N	yes	13,917.75	16,853.62	13,397.17	2,935.87	-520.58	-3,456.44	yes	no	no
133172	W 64TH ST	W 64TH ST	yes	0.03	0.22	0.11	0.19	0.08	-0.11	no	no	no
133173	S VAN NESS PL	S VAN NESS PL	yes	54.29	50.33	50.77	-3.95	-3.52	0.43	no	no	no
133174	S WILTON PL	S WILTON PL	yes	1,286.84	1,064.35	980.69	-222.49	-306.16	-83.66	no	no	no
133175	S MARKET ST	S MARKET ST	yes	201.08	108.58	890.03	-92.50	688.95	781.45	no	yes	yes
133348	W HYDE PARK BLVD	W HYDE PARK BLVD	yes	2,745.49	1,385.80	1,247.12	-1,359.69	-1,498.37	-138.68	no	no	no
140131	PACIFIC AVE	PACIFIC AVE	yes	778.42	1,340.86	1,117.14	562.44	338.72	-223.72	yes	yes	no
140132	MAIN ST	MAIN ST	yes	2,468.89	3,159.66	2,856.58	690.76	387.68	-303.08	yes	yes	no
140134	WINDWARD CIR	WINDWARD CIR	yes	2,307.56	2,773.54	2,685.41	465.98	377.84	-88.13	yes	yes	no
140136	WINDWARD CIR	WINDWARD CIR	yes	2,311.01	2,772.86	2,684.99	461.84	373.97	-87.87	yes	yes	no
140138	WINDWARD CIR	WINDWARD CIR	yes	2,311.10	2,772.99	2,685.04	461.89	373.94	-87.95	yes	yes	no
140139	WINDWARD CIR	WINDWARD CIR	yes	925.76	1,121.29	1,004.03	195.53	78.27	-117.26	yes	yes	no
140143	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	74.12	67.26	103.83	-6.85	29.71	36.56	no	yes	yes
140145	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	76.87	60.28	96.06	-16.60	19.19	35.78	no	yes	yes
140146	MILWOOD AVE	MILWOOD AVE	yes	0.02	0.12	0.03	0.10	0.01	-0.09	no	no	no
140147	LINCOLN BLVD	LINCOLN BLVD	yes	6,629.99	8,312.80	7,480.85	1,682.81	850.86	-831.95	yes	yes	no
140148	LINCOLN BLVD	LINCOLN BLVD	yes	6,630.01	8,312.91	7,480.87	1,682.91	850.87	-832.04	yes	yes	no
140150	PENMAR AVE	PENMAR AVE	yes	20.11	25.24	23.97	5.13	3.86	-1.27	yes	yes	no
140151	WALGROVE AVE	WALGROVE AVE	yes	459.71	607.74	556.86	148.03	97.15	-50.88	yes	yes	no
140152	VICTORIA AVE	VICTORIA AVE	yes	17.86	46.94	44.15	29.08	26.29	-2.79	yes	yes	no
140153	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	118.99	88.44	67.94	-30.55	-51.05	-20.50	no	no	no
140154	MCCONNELL AVE	MCCONNELL AVE	yes	16.70	15.99	14.01	-0.70	-2.69	-1.98	no	no	no
140155	CORAL TREE PL	CORAL TREE PL	yes	20.82	21.01	18.51	0.19	-2.31	-2.50	no	no	no
140156	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	140.72	113.21	90.23	-27.50	-50.48	-22.98	no	no	no
140158	BUCKINGHAM PKY	BUCKINGHAM PKY	yes	0.00	0.27	0.07	0.27	0.07	-0.20	no	no	no
140160	GREEN VALLEY CIR	GREEN VALLEY CIR	yes	73.28	102.23	92.43	28.95	19.15	-9.80	yes	yes	no
140161	FOX HILLS DR	FOX HILLS DR	yes	19.04	36.25	29.27	17.21	10.23	-6.97	yes	yes	no
140162	HANNUM AVE	HANNUM AVE	yes	11.62	23.72	18.00	12.10	6.39	-5.72	yes	yes	no
140165	HANNUM AVE	HANNUM AVE	yes	11.32	25.64	19.75	14.32	8.43	-5.89	yes	yes	no
140167	W SLAUSON AVE	W SLAUSON AVE	yes	56.25	44.31	43.25	-11.94	-13.01	-1.06	no	no	no
140168	BUCKINGHAM PKY	BUCKINGHAM PKY	yes	8.93	23.22	17.13	14.29	8.20	-6.09	yes	yes	no
140169	HANNUM AVE	HANNUM AVE	yes	6.36	12.12	10.95	5.76	4.59	-1.18	yes	yes	no
140171	EMERSON AVE	EMERSON AVE	yes	366.68	473.10	462.42	106.42	95.74	-10.68	yes	yes	no
140173	W 80TH ST	W 80TH ST	yes	13.57	17.20	15.58	3.63	2.01	-1.62	yes	yes	no
140174	W 83RD ST	W 83RD ST	yes	15.42	33.07	14.37	17.65	-1.04	-18.69	yes	no	no
140176	W 83RD ST	W 83RD ST	yes	26.34	25.99	25.82	-0.35	-0.52	-0.17	no	no	no
140177	LOYOLA BLVD	LOYOLA BLVD	yes	28.80	88.87	78.90	60.07	50.10	-9.97	yes	yes	no
140178	W MANCHESTER AVE	W MANCHESTER AVE	yes	667.03	794.75	731.83	127.72	64.80	-62.92	yes	yes	no
140180	WESTCHESTER PKY	WESTCHESTER PKY	yes	1,134.49	1,477.24	1,508.78	342.76	374.29	31.54	yes	yes	yes
140181	FALMOUTH AVE	FALMOUTH AVE	yes	407.65	496.81	545.15	89.16	137.50	48.34	yes	yes	yes
140183	W 92ND ST	W 92ND ST	yes	49.13	68.27	65.15	19.14	16.02	-3.12	yes	yes	no
140185	SAINT BERNARD ST	SAINT BERNARD ST	yes	358.52	428.53	480.00	70.02	121.48	51.46	yes	yes	yes
140189	W 80TH PL	W 80TH PL	yes	9.08	11.44	10.68	2.36	1.60	-0.76	yes	yes	no
140190	FIJI WAY	FIJI WAY	yes	96.90	132.38	124.38	35.48	27.48	-8.00	yes	yes	no
140191	FIJI WAY	FIJI WAY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
140192	VICTORIA AVE	VICTORIA AVE	yes	37.58	71.21	67.29	33.63	29.71	-3.92	yes	yes	no
140193	CULVER BLVD	CULVER BLVD	yes	0.54	0.12	0.12	-0.42	-0.41	0.01	no	no	no
140194	CONVOY ST	CONVOY ST	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
140195	PACIFIC AVE	PACIFIC AVE	yes	7.04	8.32	7.41	1.28	0.37	-0.91	yes	no	no
140196	VISTA DEL MAR LN	VISTA DEL MAR LN	yes	6.62	14.28	13.30	7.66	6.68	-0.98	yes	yes	no
140197	TROLLEY PL	TROLLEY PL	yes	6.50	8.20	7.29	1.70	0.78	-0.91	yes	no	no
140198	PACIFIC AVE	PACIFIC AVE	yes	7.04	8.32	7.41	1.28	0.37	-0.91	yes	no	no
140200	CULVER BLVD	CULVER BLVD	yes	0.54	0.12	0.12	-0.42	-0.41	0.01	no	no	no
140201	WESTCHESTER PKY	WESTCHESTER PKY	yes	6,056.14	6,054.81	6,811.78	-1.32	755.65	756.97	no	yes	yes
140202	JENNY AVE	JENNY AVE	yes	655.29	1,914.94	349.57	1,259.65	-305.73	-1,565.37	yes	no	no
140203	W 96TH ST	W 96TH ST	yes	5,964.70	12,825.95	4,922.60	6,861.24	-1,042.10	-7,903.35	yes	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
140204	W 96TH ST	W 96TH ST	yes	5,118.17	11,045.01	4,694.11	5,926.84	-424.06	-6,350.90	yes	no	no
140205	W 96TH ST	W 96TH ST	yes	8,127.43	17,094.76	10,824.35	8,967.33	2,696.91	-6,270.41	yes	yes	no
140207	W 96TH ST	W 96TH ST	yes	15,701.48	343.72	14,176.21	-15,357.77	-1,525.27	13,832.50	no	no	yes
140208	SKY WAY	SKY WAY	yes	6,330.29	19,125.09	5,281.93	12,794.79	-1,048.36	-13,843.16	yes	no	no
140209	W 96TH ST	W 96TH ST	yes	9,594.22	7,406.52	10,468.03	-2,187.70	873.81	3,061.51	no	yes	yes
140210	SKY WAY	SKY WAY	yes	34,852.52	49,161.31	35,252.94	14,308.79	400.42	-13,908.37	yes	yes	no
140212	W HYDE PARK BLVD	W HYDE PARK BLVD	yes	2,687.09	1,648.56	1,527.96	-1,038.53	-1,159.13	-120.60	no	no	no
140213	W BEACH AVE	W BEACH AVE	yes	1.50	1.47	2.61	-0.03	1.11	1.15	no	yes	yes
140214	W BEACH AVE	W BEACH AVE	yes	5.98	337.18	339.59	331.20	333.61	2.41	yes	yes	yes
140215	W FLORENCE AVE	W FLORENCE AVE	yes	2,924.42	5,512.43	5,151.02	2,588.01	2,226.60	-361.41	yes	yes	no
140217	E HYDE PARK BLVD	E HYDE PARK BLVD	yes	2,275.58	1,525.09	1,338.00	-750.49	-937.58	-187.09	no	no	no
140218	E FAIRVIEW BLVD	E FAIRVIEW BLVD	yes	54.43	67.78	63.40	13.35	8.98	-4.38	yes	yes	no
140219	BUCKLER AVE	BUCKLER AVE	yes	33.59	37.11	35.48	3.51	1.89	-1.62	yes	yes	no
140220	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	60.02	97.59	41.95	37.57	-18.07	-55.64	yes	no	no
140221	W HILLCREST BLVD	W HILLCREST BLVD	yes	1,116.09	1,694.86	2,641.22	578.77	1,525.13	946.36	yes	yes	yes
140222	S EUCALYPTUS AVE	S EUCALYPTUS AVE	yes	13.96	20.76	21.12	6.80	7.16	0.36	yes	yes	no
140223	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,108.90	3,018.34	4,676.49	909.45	2,567.59	1,658.15	yes	yes	yes
140224	S EUCALYPTUS AVE	S EUCALYPTUS AVE	yes	7.15	11.02	72.75	3.87	65.61	61.74	yes	yes	yes
140225	W CENTURY BLVD	W CENTURY BLVD	yes	8,175.40	14,609.74	13,501.77	6,434.34	5,326.37	-1,107.97	yes	yes	no
140226	E ARBOR VITAE ST	E ARBOR VITAE ST	yes	389.38	503.92	1,016.31	114.54	626.93	512.39	yes	yes	yes
140227	MYRTLE AVE	MYRTLE AVE	yes	21.62	24.40	19.69	2.78	-1.93	-4.71	yes	no	no
140228	E MAPLE AVE	E MAPLE AVE	yes	17.87	34.34	31.06	16.47	13.19	-3.28	yes	yes	no
140229	N NASH ST	N NASH ST	yes	489.52	644.36	595.21	154.84	105.70	-49.14	yes	yes	no
140230	E MAPLE AVE	E MAPLE AVE	yes	12.82	20.95	20.82	8.12	8.00	-0.13	yes	yes	no
140231	LAIRPORT ST	LAIRPORT ST	yes	4.87	5.84	5.11	0.97	0.24	-0.73	no	no	no
140232	S VAN NESS AVE	S VAN NESS AVE	yes	26.17	20.51	19.54	-5.66	-6.63	-0.97	no	no	no
140233	S WESTERN AVE	S WESTERN AVE	yes	185.49	169.72	145.52	-15.77	-39.97	-24.20	no	no	no
140234	W 62ND ST	W 62ND ST	yes	1,485.11	2,367.16	2,537.04	882.05	1,051.93	169.88	yes	yes	yes
140235	CRENSHAW BLVD	CRENSHAW BLVD	yes	74.37	59.85	64.81	-14.52	-9.55	4.96	no	no	yes
140236	S YUKON AVE	S YUKON AVE	yes	206.82	355.25	299.71	148.43	92.89	-55.55	yes	yes	no
140237	W 110TH ST	W 110TH ST	yes	40.58	124.06	77.84	83.49	37.26	-46.22	yes	yes	no
140238	S PRAIRIE AVE	S PRAIRIE AVE	yes	438.15	543.04	508.06	104.89	69.91	-34.98	yes	yes	no
140239	W 110TH ST	W 110TH ST	yes	22.08	27.48	28.21	5.40	6.13	0.72	yes	yes	no
140240	S VERMONT AVE	S VERMONT AVE	yes	76.15	102.31	109.93	26.16	33.77	7.62	yes	yes	yes
140241	S NORMANDIE AVE	S NORMANDIE AVE	yes	68.40	91.58	85.06	23.18	16.66	-6.52	yes	yes	no
140242	W 110TH ST	W 110TH ST	yes	21.85	66.52	30.75	44.68	8.90	-35.78	yes	yes	no
140243	S VERMONT AVE	S VERMONT AVE	yes	88.75	110.53	117.89	21.77	29.14	7.36	yes	yes	yes
140244	W 110TH ST	W 110TH ST	yes	15.01	58.04	20.49	43.04	5.48	-37.56	yes	yes	no
140245	AVIATION BLVD	AVIATION BLVD	yes	2,572.27	3,374.28	3,898.74	802.01	1,326.47	524.46	yes	yes	yes
140246	ALASKA AVE	ALASKA AVE	yes	131.37	181.38	163.23	50.01	31.86	-18.15	yes	yes	no
140247	AVIATION BLVD	AVIATION BLVD	yes	2,676.92	3,523.29	4,035.85	846.37	1,358.93	512.56	yes	yes	yes
140248	ALASKA AVE	ALASKA AVE	yes	0.13	0.99	0.62	0.86	0.49	-0.37	no	no	no
140249	HAWAII ST	HAWAII ST	yes	131.24	180.39	162.60	49.14	31.36	-17.78	yes	yes	no
140250	S DOUGLAS ST	S DOUGLAS ST	yes	171.70	281.24	280.53	109.54	108.83	-0.70	yes	yes	no
140251	PARK PL	PARK PL	yes	4.31	8.88	11.42	4.57	7.11	2.54	yes	yes	yes
140252	W ROSECRANS AVE	W ROSECRANS AVE	yes	467.68	1,593.22	1,587.03	1,125.53	1,119.35	-6.18	yes	yes	no
140256	W ROSECRANS AVE	W ROSECRANS AVE	yes	469.98	1,597.47	1,593.80	1,127.49	1,123.82	-3.67	yes	yes	no
140257	UNKNOWN	UNKNOWN	yes	4.33	7.71	8.05	3.38	3.73	0.35	yes	yes	no
140259	AVIATION BLVD	AVIATION BLVD	yes	2,351.45	2,864.88	3,331.04	513.44	979.60	466.16	yes	yes	yes
140260	UNKNOWN	UNKNOWN	yes	7.50	15.74	13.28	8.24	5.78	-2.46	yes	yes	no
140261	PRAIRIE AVE	PRAIRIE AVE	yes	217.08	398.07	362.69	181.00	145.62	-35.38	yes	yes	no
140264	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	512.32	717.02	794.77	204.70	282.45	77.75	yes	yes	yes
142860	S GRAND AVE	S GRAND AVE	yes	127.53	139.99	134.09	12.46	6.56	-5.89	yes	yes	no
142861	W 39TH ST	W 39TH ST	yes	159.84	163.79	160.11	3.95	0.27	-3.68	yes	no	no
142862	W 39TH ST	W 39TH ST	yes	126.88	156.38	155.24	29.50	28.36	-1.14	yes	yes	no
142863	W 39TH ST	W 39TH ST	yes	33.11	33.92	29.06	0.81	-4.05	-4.87	no	no	no
142864	W 39TH ST	W 39TH ST	yes	25.86	11.23	10.92	-14.63	-14.94	-0.32	no	no	no
142865	BROADWAY PL	BROADWAY PL	yes	0.03	3.00	0.91	2.98	0.88	-2.09	yes	no	no
142866	S HILL ST	S HILL ST	yes	634.68	895.71	876.78	261.02	242.09	-18.93	yes	yes	no
142867	S BROADWAY	S BROADWAY	yes	664.79	987.78	1,012.02	322.99	347.23	24.24	yes	yes	yes
142868	BROADWAY PL	BROADWAY PL	yes	2,224.46	3,864.74	3,997.84	1,640.28	1,773.38	133.10	yes	yes	yes
142869	S BROADWAY	S BROADWAY	yes	664.82	990.78	1,012.93	325.96	348.11	22.15	yes	yes	yes
143139	HUGHES AVE	HUGHES AVE	yes	204.78	305.37	265.45	100.59	60.68	-39.92	yes	yes	no
143140	HUGHES AVE	HUGHES AVE	yes	162.06	252.79	218.22	90.73	56.16	-34.57	yes	yes	no
143141	EXPOSITION BLVD	EXPOSITION BLVD	yes	100.50	157.85	138.75	57.36	38.25	-19.10	yes	yes	no
143142	VENICE BLVD	VENICE BLVD	yes	6.58	8.75	9.03	2.17	2.44	0.28	yes	yes	no
143143	VENICE BLVD	VENICE BLVD	yes	53.25	62.80	58.83	9.55	5.58	-3.97	yes	yes	no
143144	BUTLER AVE	BUTLER AVE	yes	7.15	3.13	3.02	-4.02	-4.13	-0.11	no	no	no
143145	STANWOOD DR	STANWOOD DR	yes	17.60	20.72	23.70	3.11	6.09	2.98	yes	yes	yes
143146	SAWTELLE BLVD	SAWTELLE BLVD	yes	184.41	221.49	212.54	37.08	28.13	-8.95	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
143156	CATTARAUGUS AVE	CATTARAUGUS AVE	yes	9.51	12.64	13.86	3.12	4.35	1.23	yes	yes	yes
143157	WASHINGTON BLVD	WASHINGTON BLVD	yes	18.75	19.27	19.72	0.52	0.96	0.44	no	no	no
143586	ALLA RD	ALLA RD	yes	24.34	30.42	29.33	6.08	4.99	-1.09	yes	yes	no
143587	ALLA RD	ALLA RD	yes	27.83	32.98	31.83	5.16	4.00	-1.15	yes	yes	no
143588	GLENCOE AVE	GLENCOE AVE	yes	3.64	2.67	2.61	-0.97	-1.03	-0.06	no	no	no
143589	GLENCOE AVE	GLENCOE AVE	yes	3.49	2.58	2.51	-0.92	-0.99	-0.07	no	no	no
143590	MINDANAO WAY	MINDANAO WAY	yes	57.98	94.69	89.47	36.71	31.50	-5.21	yes	yes	no
143591	CALIFORNIA AVE	CALIFORNIA AVE	yes	2.74	12.83	12.86	10.09	10.12	0.03	yes	yes	no
143592	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	76.85	60.34	96.04	-16.52	19.19	35.70	no	yes	yes
143593	WINDWARD CIR	WINDWARD CIR	yes	959.47	1,184.05	1,169.50	224.58	210.03	-14.55	yes	yes	no
143594	WINDWARD CIR	WINDWARD CIR	yes	0.00	8.73	7.99	8.73	7.99	-0.73	yes	yes	no
143596	WINDWARD AVE	WINDWARD AVE	yes	2,502.52	3,231.01	3,029.98	728.48	527.46	-201.02	yes	yes	no
143597	WINDWARD AVE	WINDWARD AVE	yes	1,543.14	2,047.09	1,860.54	503.95	317.40	-186.55	yes	yes	no
143598	MAIN ST	MAIN ST	yes	2,307.56	2,773.40	2,685.26	465.84	377.70	-88.14	yes	yes	no
143599	WINDWARD AVE	WINDWARD AVE	yes	959.38	1,183.91	1,169.44	224.53	210.06	-14.47	yes	yes	no
143604	GRAND BLVD	GRAND BLVD	yes	0.61	0.76	0.49	0.14	-0.12	-0.27	no	no	no
143605	WINDWARD AVE	WINDWARD AVE	yes	0.09	0.14	0.06	0.05	-0.03	-0.08	no	no	no
143608	RIALTO AVE	RIALTO AVE	yes	4.06	8.65	7.91	4.59	3.85	-0.74	yes	yes	no
143609	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	87.22	76.52	110.81	-10.70	23.59	34.29	no	yes	yes
143612	GRAND BLVD	GRAND BLVD	yes	4.06	0.07	0.06	-3.99	-4.00	0.00	no	no	no
143613	GRAND BLVD	GRAND BLVD	yes	0.00	8.59	7.85	8.59	7.85	-0.74	yes	yes	no
143614	GLENCOE AVE	GLENCOE AVE	yes	44.08	56.47	60.75	12.39	16.67	4.28	yes	yes	yes
143618	VIA MARINA	VIA MARINA	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
143620	VIA MARINA	VIA MARINA	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
143621	BRISTOL PKY	BRISTOL PKY	yes	6.10	6.69	6.25	0.59	0.15	-0.44	no	no	no
143622	BRISTOL PKY	BRISTOL PKY	yes	1.02	3.23	2.68	2.21	1.66	-0.55	yes	yes	no
143624	BRISTOL PKY	BRISTOL PKY	yes	17.53	17.35	14.92	-0.18	-2.61	-2.42	no	no	no
143626	MACHADO RD	MACHADO RD	yes	0.04	2.09	1.88	2.05	1.83	-0.21	yes	yes	no
143627	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,718.98	2,334.89	2,056.67	615.91	337.69	-278.22	yes	yes	no
143628	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	485.74	667.76	560.04	182.02	74.30	-107.72	yes	yes	no
143629	WILL ROGERS ST	WILL ROGERS ST	yes	185.27	193.35	99.75	8.08	-85.52	-93.60	yes	no	no
143630	WILL ROGERS ST	WILL ROGERS ST	yes	1,076.73	2,313.51	1,375.36	1,236.78	298.63	-938.15	yes	yes	no
143632	WILEY POST AVE	WILEY POST AVE	yes	1,261.99	2,506.86	1,475.11	1,244.87	213.11	-1,031.75	yes	yes	no
143633	WESTCHESTER PKY	WESTCHESTER PKY	yes	3,797.51	5,422.20	4,439.76	1,624.68	642.24	-982.44	yes	yes	no
143634	WESTCHESTER PKY	WESTCHESTER PKY	yes	2,910.49	3,169.02	3,106.15	258.53	195.66	-62.87	yes	yes	no
143638	S FAIRFAX AVE	S FAIRFAX AVE	yes	0.26	0.28	0.27	0.02	0.02	0.00	no	no	no
143639	CONDON AVE	CONDON AVE	yes	0.01	0.02	0.03	0.01	0.02	0.01	no	no	no
143648	S MAIN ST	S MAIN ST	yes	27.38	41.44	85.41	14.06	58.03	43.97	yes	yes	yes
143649	W COLDEN AVE	W COLDEN AVE	yes	637.81	873.02	896.33	235.21	258.52	23.31	yes	yes	yes
143650	W COLDEN AVE	W COLDEN AVE	yes	638.18	865.91	890.06	227.73	251.88	24.14	yes	yes	yes
143651	W COLDEN AVE	W COLDEN AVE	yes	97.59	219.48	241.23	121.89	143.64	21.75	yes	yes	yes
143652	W COLDEN AVE	W COLDEN AVE	yes	9.24	6.43	6.35	-2.82	-2.90	-0.08	no	no	no
143653	E COLDEN AVE	E COLDEN AVE	yes	2.79	4.67	5.10	1.88	2.31	0.43	yes	yes	no
143656	S BROADWAY	S BROADWAY	yes	65.73	126.67	140.38	60.95	74.66	13.71	yes	yes	yes
143657	S BROADWAY	S BROADWAY	yes	896.60	1,548.65	1,552.10	652.05	655.49	3.44	yes	yes	yes
143658	W 92ND ST	W 92ND ST	yes	1,337.65	3,272.51	2,889.98	1,934.86	1,552.32	-382.54	yes	yes	no
143665	S GREVILLEA AVE	S GREVILLEA AVE	yes	12.83	31.70	424.70	18.87	411.87	393.00	yes	yes	yes
143666	S GREVILLEA AVE	S GREVILLEA AVE	yes	1,175.88	1,715.51	1,627.93	539.63	452.05	-87.58	yes	yes	no
143668	S GREVILLEA AVE	S GREVILLEA AVE	yes	1,919.35	2,388.24	1,488.96	468.89	-430.39	-899.28	yes	no	no
143669	W CENTURY BLVD	W CENTURY BLVD	yes	9,721.14	18,350.83	19,927.41	8,629.69	10,206.27	1,576.58	yes	yes	yes
143673	UNKNOWN	UNKNOWN	yes	2.77	5.83	3.06	3.06	0.30	-2.77	yes	no	no
143675	0	0	yes	3,796.06	4,690.22	3,984.92	894.15	188.86	-705.29	yes	yes	no
143677	N NASH ST	N NASH ST	yes	4,425.80	5,593.74	4,785.71	1,167.95	359.92	-808.03	yes	yes	no
143678	N DOUGLAS ST	N DOUGLAS ST	yes	949.05	1,155.49	1,294.68	206.44	345.63	139.19	yes	yes	yes
143679	W COLDEN AVE	W COLDEN AVE	yes	443.66	473.80	430.40	30.15	-13.25	-43.40	yes	no	no
143680	S VERMONT AVE	S VERMONT AVE	yes	582.58	608.10	558.26	25.52	-24.32	-49.84	yes	no	no
143681	S VERMONT AVE	S VERMONT AVE	yes	107.86	144.66	145.37	36.80	37.52	0.71	yes	yes	no
143682	S HOOVER ST	S HOOVER ST	yes	26.02	25.13	24.09	-0.89	-1.93	-1.04	no	no	no
143683	S FIGUEROA ST	S FIGUEROA ST	yes	902.21	1,313.36	1,254.63	411.15	352.43	-58.73	yes	yes	no
143684	S MAIN ST	S MAIN ST	yes	8.08	28.28	30.92	20.20	22.83	2.63	yes	yes	yes
143693	BIRCH AVE	BIRCH AVE	yes	305.97	454.57	473.17	148.60	167.20	18.60	yes	yes	yes
143694	W 120TH ST	W 120TH ST	yes	138.31	233.64	308.33	95.32	170.02	74.69	yes	yes	yes
143695	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	869.58	1,230.77	1,431.80	361.19	562.22	201.03	yes	yes	yes
143710	W ROSECRANS AVE	W ROSECRANS AVE	yes	631.13	812.90	814.23	181.77	183.10	1.33	yes	yes	yes
143711	PACIFIC AVE	PACIFIC AVE	yes	332.22	451.76	458.69	119.54	126.47	6.93	yes	yes	yes
145948	S VERMONT AVE	S VERMONT AVE	yes	284.51	353.53	378.37	69.02	93.85	24.84	yes	yes	yes
145951	S VERMONT AVE	S VERMONT AVE	yes	329.19	411.58	435.43	82.38	106.24	23.86	yes	yes	yes
145952	37TH PL	37TH PL	yes	44.68	58.05	57.07	13.37	12.39	-0.98	yes	yes	no
145989	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	97.66	109.65	86.47	11.99	-11.19	-23.18	yes	no	no
145990	29th St	29th St	yes	57.67	72.71	82.38	15.04	24.71	9.67	yes	yes	yes

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
145991	ARLINGTON AVE	ARLINGTON AVE	yes	103.78	148.34	123.60	44.56	19.82	-24.75	yes	yes	no
146001	MOTOR AVE	MOTOR AVE	yes	135.15	205.84	189.14	70.69	53.98	-16.70	yes	yes	no
146008	VENICE BLVD	VENICE BLVD	yes	2.99	3.41	5.78	0.42	2.78	2.36	no	yes	yes
146009	VENICE BLVD	VENICE BLVD	yes	68.15	103.69	88.50	35.54	20.35	-15.19	yes	yes	no
146010	BAGLEY AVE	BAGLEY AVE	yes	53.17	62.31	57.68	9.14	4.51	-4.62	yes	yes	no
146011	BAGLEY AVE	BAGLEY AVE	yes	118.08	162.17	143.37	44.09	25.29	-18.80	yes	yes	no
146012	NATIONAL BLVD	NATIONAL BLVD	yes	9.43	11.66	14.38	2.23	4.95	2.72	yes	yes	yes
146013	HIGUERA ST	HIGUERA ST	yes	110.63	134.22	149.86	23.59	39.23	15.64	yes	yes	yes
146015	CRENSHAW BLVD	CRENSHAW BLVD	yes	4,023.80	5,956.25	5,810.30	1,932.45	1,786.49	-145.95	yes	yes	yes
146016	W 39TH ST	W 39TH ST	yes	0.16	0.07	1.18	-0.09	1.02	1.11	no	yes	yes
146017	W 39TH ST	W 39TH ST	yes	16.41	124.30	114.34	107.89	97.93	-9.96	yes	yes	no
146019	MARLTON AVE	MARLTON AVE	yes	182.43	350.27	336.21	167.85	153.78	-14.06	yes	yes	no
146020	STOCKER ST	STOCKER ST	yes	348.91	416.18	330.41	67.27	-18.51	-85.78	yes	no	no
146022	LEIMERT BLVD	LEIMERT BLVD	yes	1,885.13	1,909.12	1,839.48	23.99	-45.66	-69.65	yes	no	no
146023	W 43RD ST	W 43RD ST	yes	0.66	1.34	0.43	0.68	-0.22	-0.90	no	no	no
146024	CRENSHAW BLVD	CRENSHAW BLVD	yes	53.02	70.35	65.58	17.32	12.56	-4.76	yes	yes	no
146025	LEIMERT BLVD	LEIMERT BLVD	yes	1,897.90	1,923.64	1,858.19	25.74	-39.71	-65.45	yes	no	no
146026	CRENSHAW BLVD	CRENSHAW BLVD	yes	55.18	70.04	65.52	14.86	10.34	-4.51	yes	yes	no
146027	W 43RD PL	W 43RD PL	yes	2.18	0.31	0.06	-1.87	-2.12	-0.25	no	no	no
146028	W VERNON AVE	W VERNON AVE	yes	32.30	67.60	59.21	35.30	26.92	-8.38	yes	yes	no
146029	4TH AVE	4TH AVE	yes	0.00	0.00	0.02	0.00	0.02	0.02	no	no	no
146032	COLISEUM ST	COLISEUM ST	yes	129.04	152.31	150.63	23.27	21.59	-1.68	yes	yes	no
146037	PALMWOOD DR	PALMWOOD DR	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
146038	HILLCREST DR	HILLCREST DR	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
146049	OVERLAND AVE	OVERLAND AVE	yes	982.82	1,360.23	1,226.40	377.42	243.58	-133.83	yes	yes	no
146050	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	391.70	505.17	451.66	113.47	59.96	-53.51	yes	yes	no
146051	CHARNOCK RD	CHARNOCK RD	yes	18.63	24.31	23.45	5.68	4.82	-0.86	yes	yes	no
146052	BRADDOCK DR	BRADDOCK DR	yes	26.09	30.78	29.34	4.70	3.26	-1.44	yes	yes	no
146053	DUQUESNE AVE	DUQUESNE AVE	yes	29.80	54.70	51.86	24.90	22.05	-2.84	yes	yes	no
146054	BRADDOCK DR	BRADDOCK DR	yes	26.56	67.45	51.66	40.89	25.10	-15.79	yes	yes	no
146055	OVERLAND AVE	OVERLAND AVE	yes	2,173.37	3,007.58	2,615.96	834.21	442.59	-391.61	yes	yes	no
146058	BRADDOCK DR	BRADDOCK DR	yes	31.33	72.63	56.36	41.30	25.03	-16.27	yes	yes	no
146063	BLAIRSTONE DR	BLAIRSTONE DR	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
146064	LENAWEE AVE	LENAWEE AVE	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
146065	LENAWEE AVE	LENAWEE AVE	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
146066	HIGUERA ST	HIGUERA ST	yes	8.83	9.73	17.13	0.90	8.30	7.40	no	yes	yes
146067	HAYDEN AVE	HAYDEN AVE	yes	74.79	94.91	94.73	20.12	19.94	-0.18	yes	yes	no
146068	FRESHMAN DR	FRESHMAN DR	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
146070	SOPHOMORE DR	SOPHOMORE DR	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
146071	FRESHMAN DR	FRESHMAN DR	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
146072	20TH ST	20TH ST	yes	1.42	1.79	1.80	0.38	0.38	0.00	no	no	no
146073	14TH ST	14TH ST	yes	47.67	60.41	58.17	12.74	10.50	-2.24	yes	yes	no
146115	N NASH ST	N NASH ST	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
146116	W IMPERIAL HWY	W IMPERIAL HWY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
146118	UNKNOWN	UNKNOWN	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
146810	OHIO AVE	OHIO AVE	yes	48.11	48.79	42.85	0.68	-5.26	-5.94	no	no	no
146811	WESTMINSTER AVE	WESTMINSTER AVE	yes	0.70	0.89	0.54	-0.16	-0.16	-0.35	no	no	no
146814	W 91ST ST	W 91ST ST	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
153221	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	928.85	968.22	861.87	39.37	-66.98	-106.35	yes	no	no
153222	S VAN NESS AVE	S VAN NESS AVE	yes	995.08	1,098.32	1,001.49	103.23	6.41	-96.82	yes	yes	no
153223	S WESTERN AVE	S WESTERN AVE	yes	1,032.10	1,151.41	1,058.38	119.31	26.27	-93.03	yes	yes	no
153224	W 39TH PL	W 39TH PL	yes	995.08	1,098.32	1,001.49	103.23	6.41	-96.82	yes	yes	no
153225	SOUTHWEST DR	SOUTHWEST DR	yes	1,542.87	2,582.55	2,740.91	1,039.69	1,198.05	158.36	yes	yes	yes
153226	8TH AVE	8TH AVE	yes	5.57	93.80	321.63	88.23	316.06	227.83	yes	yes	yes
153227	RODEO PL	RODEO PL	yes	411.11	661.80	549.65	250.69	138.54	-112.15	yes	yes	no
153229	COLISEUM ST	COLISEUM ST	yes	7.45	11.15	11.29	3.70	3.84	0.14	yes	yes	no
153234	W CENTINELA AVE	W CENTINELA AVE	yes	2,280.72	2,923.81	2,078.13	643.08	-202.60	-845.68	yes	no	no
153236	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,588.74	1,952.85	1,240.96	364.11	-347.78	-711.89	yes	no	no
153237	MESMER AVE	MESMER AVE	yes	1,582.90	1,963.45	1,247.56	380.55	-335.34	-715.89	yes	no	no
153238	E FLORENCE AVE	E FLORENCE AVE	yes	5,894.27	9,891.74	9,885.37	3,997.47	3,991.10	-6.37	yes	yes	no
153240	N HILLCREST BLVD	N HILLCREST BLVD	yes	383.36	902.29	2,749.03	518.93	2,365.67	1,846.74	yes	yes	yes
153241	E REGENT ST	E REGENT ST	yes	0.96	0.59	0.70	-0.37	-0.26	0.11	no	no	no
153242	N PRAIRIE AVE	N PRAIRIE AVE	yes	314.76	817.26	2,647.98	502.50	2,333.21	1,830.72	yes	yes	yes
153243	E REGENT ST	E REGENT ST	yes	362.85	876.04	2,704.45	513.18	2,341.59	1,828.41	yes	yes	yes
153282	CALIFORNIA ST	CALIFORNIA ST	yes	128.26	1,037.47	818.96	909.21	690.71	-218.51	yes	yes	no
153283	N HIGHLAND AVE	N HIGHLAND AVE	yes	442.97	556.97	549.74	114.00	106.77	-7.23	yes	yes	no
1634629	W 120TH ST	W 120TH ST	yes	224.08	323.87	345.30	99.79	121.22	21.43	yes	yes	yes
1642742	SANTA MONICA FWY	SANTA MONICA FWY	yes	47.89	56.17	52.09	8.28	4.21	-4.08	yes	yes	no
1642743	SANTA MONICA FWY	SANTA MONICA FWY	yes	47.89	56.17	52.09	8.28	4.21	-4.08	yes	yes	no
1642747			0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no

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1642868	HOWARD HUGHES PKY	HOWARD HUGHES PKY	yes	0.48	0.76	0.50	0.28	0.02	-0.26	no	no	no
1642869	0	0	yes	7,553.73	10,069.08	8,981.97	2,515.35	1,428.24	-1,087.11	yes	yes	no
1643006	LA TIJERA BLVD	LA TIJERA BLVD	yes	299.92	437.83	412.91	137.91	112.99	-24.92	yes	yes	no
1643007	WESTCHESTER PKY	WESTCHESTER PKY	yes	1,173.08	1,603.12	1,620.74	430.04	447.67	17.63	yes	yes	yes
1643008	LA TIJERA BLVD	LA TIJERA BLVD	yes	297.76	381.47	371.48	83.71	73.72	-9.99	yes	yes	no
1643009	W CENTURY BLVD	W CENTURY BLVD	yes	20,911.05	31,620.97	22,489.72	10,709.91	1,578.67	-9,131.25	yes	yes	no
1643010	0	0	yes	22,442.63	26,602.50	23,553.00	4,159.87	1,110.38	-3,049.50	yes	yes	no
1643012	0	0	yes	335.36	299.54	526.77	-35.82	191.41	227.24	no	yes	yes
1643013	0	0	yes	128.85	144.14	115.07	15.29	-13.78	-29.07	yes	no	no
1643014	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	210.12	302.72	310.13	92.61	100.02	7.41	yes	yes	yes
1643015	W 108TH ST	W 108TH ST	yes	17.00	40.06	22.19	23.06	5.19	-17.87	yes	yes	no
1643016	S OLIVE ST	S OLIVE ST	yes	2.03	38.50	40.62	36.47	38.60	2.13	yes	yes	yes
1643017	S OLIVE ST	S OLIVE ST	yes	1.63	6.31	5.09	4.68	3.46	-1.22	yes	yes	no
1643018	HARBOR FWY	HARBOR FWY	yes	0.39	32.19	35.53	31.80	35.14	3.34	yes	yes	yes
1643019	0	0	yes	0.39	32.19	35.53	31.80	35.14	3.34	yes	yes	yes
1643156	S FLOWER ST	S FLOWER ST	yes	625.33	827.19	821.45	201.86	196.11	-5.74	yes	yes	no
1643160	W ADAMS BLVD	W ADAMS BLVD	yes	82.57	74.40	82.85	-8.17	0.27	8.44	no	no	yes
1643161	S HOPE ST	S HOPE ST	yes	41.46	30.44	32.80	-11.02	-8.66	2.35	no	no	yes
1643164	0	0	yes	0.00	0.00	0.21	0.00	0.21	0.21	no	no	no
1643357	SKY WAY	SKY WAY	yes	0.00	124.96	0.00	124.96	0.00	-124.96	yes	no	no
1643358	0	0	yes	892.87	1,559.26	317.45	666.39	-575.42	-1,241.81	yes	no	no
1643359	WORLD WAY	WORLD WAY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1643362	W CENTURY BLVD	W CENTURY BLVD	yes	0.00	0.37	0.00	0.37	0.00	-0.37	no	no	no
1643366	WORLD WAY	WORLD WAY	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1643367	SKY WAY	SKY WAY	yes	13,917.75	16,978.58	13,397.17	3,060.83	-520.58	-3,581.40	yes	no	no
1643368	CENTER WAY N	CENTER WAY N	yes	25,103.35	33,317.39	26,815.39	8,214.03	1,712.04	-6,501.99	yes	yes	no
1643371	CENTER WAY S	CENTER WAY S	yes	36,231.35	49,097.78	39,317.07	12,866.43	3,085.72	-9,780.71	yes	yes	no
1643372	CENTER WAY S	CENTER WAY S	yes	50,149.10	65,951.40	52,714.25	15,802.30	2,565.15	-13,237.15	yes	yes	no
1645500	0	0	yes	0.06	0.13	0.09	0.06	0.03	-0.04	no	no	no
1645502	0	0	yes	0.00	0.02	0.08	0.01	0.08	0.07	no	no	no
1645509	0	0	yes	424.25	542.29	531.05	118.04	106.79	-11.24	yes	yes	no
1645513	0	0	yes	1.78	1.83	1.97	0.05	0.19	0.14	no	no	no
1645521	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1645522	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1645527	0	0	yes	32.40	40.23	40.07	7.83	7.67	-0.16	yes	yes	no
1645530	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1645537	0	0	yes	144.84	186.26	182.48	41.42	37.64	-3.78	yes	yes	no
1645627	0	0	yes	1,611.27	2,076.18	2,042.99	464.91	431.71	-33.20	yes	yes	no
1645628	0	0	yes	1,532.87	1,962.38	1,933.08	429.50	400.21	-29.30	yes	yes	no
1645638	0	0	yes	76.47	92.89	91.33	16.43	14.87	-1.56	yes	yes	no
1645647	0	0	yes	121.51	131.70	124.82	10.19	3.31	-6.87	yes	yes	no
1645648	0	0	yes	480.72	625.94	613.24	145.22	132.52	-12.70	yes	yes	no
1645649	0	0	yes	211.48	242.67	241.05	31.19	29.57	-1.62	yes	yes	no
1645650	0	0	yes	0.13	1.06	0.59	0.93	0.46	-0.47	no	no	no
1645653	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1645654	0	0	yes	70.86	88.59	83.83	17.73	12.96	-4.77	yes	yes	no
1645655	0	0	yes	81.20	94.35	88.12	13.15	6.92	-6.23	yes	yes	no
1645664	0	0	yes	33.77	36.36	37.33	2.59	3.56	0.98	yes	yes	no
1645673	0	0	yes	219.30	285.85	276.27	66.54	56.96	-9.58	yes	yes	no
1645679	0	0	yes	10.75	38.88	37.04	28.13	26.29	-1.84	yes	yes	no
1645681	0	0	yes	16.13	49.05	47.45	32.91	31.32	-1.60	yes	yes	no
1645683	0	0	yes	19.26	21.29	20.82	2.03	1.56	-0.48	yes	yes	no
1645689	0	0	yes	54.84	69.57	75.23	14.73	20.39	5.65	yes	yes	yes
1645690	0	0	yes	12.75	13.96	9.57	1.21	-3.18	-4.40	yes	no	no
1645691	0	0	yes	21.85	26.71	29.26	4.86	7.41	2.55	yes	yes	yes
1645692	0	0	yes	784.44	998.54	1,032.91	214.10	248.47	34.37	yes	yes	yes
1645697	0	0	yes	22.30	21.87	21.10	-0.43	-1.20	-0.77	no	no	no
1645724	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1645730	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1645751	0	0	yes	41.53	52.27	50.72	10.74	9.19	-1.55	yes	yes	no
1645754	0	0	yes	38.00	46.58	45.48	8.57	7.48	-1.09	yes	yes	no
1645756	0	0	yes	0.20	0.23	0.22	0.03	0.02	-0.01	no	no	no
1645763	0	0	yes	466.89	651.19	635.34	184.29	168.44	-15.85	yes	yes	no
1645764	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1645765	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1645766	0	0	yes	7.04	8.32	7.41	1.28	0.37	-0.91	yes	no	no
1645767	0	0	yes	230.80	239.28	241.05	8.48	10.25	1.77	yes	yes	yes
1645787	0	0	yes	31.52	41.29	40.55	9.77	9.03	-0.75	yes	yes	no
1645792	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1645793	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no

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1645843	0	0	yes	34.90	41.32	38.18	6.41	3.28	-3.14	yes	yes	no
1645891	0	0	yes	7.13	8.03	9.02	0.91	1.89	0.98	no	yes	no
1645900	0	0	yes	22.83	21.74	24.70	-1.10	1.87	2.97	no	yes	yes
1645959	0	0	yes	0.00	0.01	0.01	0.01	0.01	0.00	no	no	no
1645962	0	0	yes	0.00	0.03	0.02	0.03	0.02	-0.01	no	no	no
1645964	0	0	yes	0.65	0.93	0.75	0.28	0.10	-0.18	no	no	no
1645978	0	0	yes	1.49	6.66	6.31	5.17	4.83	-0.35	yes	yes	no
1645979	0	0	yes	13.92	17.17	15.31	3.25	1.39	-1.86	yes	yes	no
1645982	0	0	yes	13.72	8.50	7.98	-5.23	-5.74	-0.51	no	no	no
1645985	0	0	yes	24.11	29.31	27.55	5.20	3.45	-1.75	yes	yes	no
1645986	0	0	yes	0.11	0.01	0.01	-0.09	-0.10	0.00	no	no	no
1645987	0	0	yes	29.50	36.63	35.04	7.13	5.54	-1.59	yes	yes	no
1645989	0	0	yes	2.17	1.88	2.17	-0.30	-0.01	0.29	no	no	no
1645992	0	0	yes	3.29	3.86	3.36	0.57	0.07	-0.50	no	no	no
1646012	0	0	yes	2.44	4.20	3.97	1.76	1.53	-0.23	yes	yes	no
1646024	0	0	yes	36.82	8.56	18.93	-28.26	-17.90	10.36	no	no	yes
1646031	0	0	yes	74.29	95.92	105.44	21.62	31.15	9.52	yes	yes	yes
1646033	0	0	yes	62.19	73.44	56.98	11.25	-5.21	-16.46	yes	no	no
1646036	0	0	yes	36.40	44.09	42.57	7.69	6.17	-1.52	yes	yes	no
1646037	0	0	yes	938.80	1,193.38	1,178.66	254.58	239.86	-14.71	yes	yes	no
1646039	0	0	yes	76.32	95.62	89.61	19.30	13.29	-6.01	yes	yes	no
1646040	0	0	yes	0.70	0.00	0.00	-0.70	-0.70	0.00	no	no	no
1646041	0	0	yes	2.49	2.41	2.28	-0.09	-0.21	-0.12	no	no	no
1646046	0	0	yes	0.28	0.34	0.32	0.06	0.04	-0.02	no	no	no
1646047	0	0	yes	0.36	0.41	0.41	0.05	0.05	0.00	no	no	no
1646207	0	0	yes	3.70	4.39	3.89	0.69	0.19	-0.50	no	no	no
1646208	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646209	0	0	yes	2.00	2.40	2.19	0.40	0.19	-0.21	no	no	no
1646212	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646213	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646312	0	0	yes	22.59	26.41	23.69	3.83	1.10	-2.72	yes	yes	no
1646313	0	0	yes	6.33	7.06	6.49	0.73	0.16	-0.58	no	no	no
1646314	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646316	0	0	yes	110.63	139.67	137.51	29.04	26.88	-2.16	yes	yes	no
1646317	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646318	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646326	0	0	yes	5.42	5.69	5.45	0.27	0.04	-0.23	no	no	no
1646332	0	0	yes	22.17	23.67	23.48	1.50	1.31	-0.19	yes	yes	no
1646336	0	0	yes	90.24	118.93	118.14	28.69	27.90	-0.79	yes	yes	no
1646337	0	0	yes	14.72	16.72	16.47	2.00	1.75	-0.26	yes	yes	no
1646339	0	0	yes	0.07	0.06	0.04	-0.01	-0.03	-0.02	no	no	no
1646340	0	0	yes	0.00	0.01	0.01	0.01	0.01	0.01	no	no	no
1646341	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646348	0	0	yes	6.97	3.63	3.04	-3.33	-3.93	-0.59	no	no	no
1646350	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646351	0	0	yes	11.94	9.45	8.53	-2.49	-3.41	-0.92	no	no	no
1646352	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646367	0	0	yes	10.10	9.80	8.72	-0.31	-1.38	-1.07	no	no	no
1646368	0	0	yes	12.36	15.32	14.08	2.95	1.72	-1.23	yes	yes	no
1646372	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646375	0	0	yes	25.09	32.28	30.56	7.19	5.47	-1.72	yes	yes	no
1646376	0	0	yes	122.27	152.49	149.16	30.22	26.88	-3.33	yes	yes	no
1646378	0	0	yes	5.81	6.67	8.60	0.86	2.79	1.93	no	yes	yes
1646386	0	0	yes	30.19	35.53	33.38	5.34	3.19	-2.15	yes	yes	no
1646387	0	0	yes	6.98	10.53	10.37	3.55	3.39	-0.16	yes	yes	no
1646389	0	0	yes	6.62	7.52	7.65	0.91	1.03	0.13	no	yes	no
1646391	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646392	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646393	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646397	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646398	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646400	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646410	0	0	yes	467.71	595.11	581.63	127.40	113.92	-13.48	yes	yes	no
1646418	0	0	yes	257.76	327.92	322.54	70.16	64.78	-5.38	yes	yes	no
1646424	0	0	yes	8.65	9.46	8.92	0.80	0.27	-0.54	no	no	no
1646430	0	0	yes	124.57	158.15	154.43	33.58	29.86	-3.72	yes	yes	no
1646431	0	0	yes	41.73	54.76	52.73	13.04	11.00	-2.04	yes	yes	no
1646432	0	0	yes	0.00	0.00	0.00	0.00	0.01	0.00	no	no	no
1646433	0	0	yes	1.49	2.00	1.55	0.51	0.06	-0.45	no	no	no
1646434	0	0	yes	1.94	0.98	1.07	-0.96	-0.87	0.09	no	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
1646437	0	0	yes	42.81	48.05	46.43	5.44	3.81	-1.63	yes	yes	no
1646438	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646441	0	0	yes	36.01	44.72	45.35	8.71	9.34	0.63	yes	yes	no
1646513	0	0	yes	7.46	8.46	7.77	1.00	0.31	-0.69	yes	no	no
1646524	0	0	yes	57.62	71.22	69.91	13.60	12.29	-1.31	yes	yes	no
1646532	0	0	yes	0.06	0.05	0.00	-0.01	-0.06	-0.05	no	no	no
1646533	0	0	yes	58.26	73.67	71.38	15.40	13.12	-2.29	yes	yes	no
1646540	0	0	yes	7.32	4.78	4.50	-2.54	-2.81	-0.28	no	no	no
1646543	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646544	0	0	yes	6.67	6.70	6.40	0.03	-0.26	-0.30	no	no	no
1646545	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646546	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646550	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646552	0	0	yes	11.80	13.78	13.41	1.98	1.61	-0.37	yes	yes	no
1646553	0	0	yes	0.01	0.00	0.00	-0.01	-0.01	0.00	no	no	no
1646556	0	0	yes	0.07	0.13	0.20	0.06	0.13	0.07	no	no	no
1646557	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646558	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646559	0	0	yes	11.16	13.14	12.46	1.98	1.30	-0.68	yes	yes	no
1646561	0	0	yes	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
1646564	0	0	yes	4.27	3.84	3.81	-0.43	-0.45	-0.03	no	no	no
1646566	0	0	yes	3.23	7.11	6.95	3.88	3.72	-0.16	yes	yes	no
1646618	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646619	0	0	yes	2.80	3.07	3.04	0.27	0.24	-0.03	no	no	no
1646620	0	0	yes	0.00	0.01	0.01	0.01	0.00	0.00	no	no	no
1646621	0	0	yes	2.73	2.70	2.67	-0.03	-0.06	-0.03	no	no	no
1646623	0	0	yes	1.23	1.25	1.18	0.02	-0.05	-0.07	no	no	no
1646624	0	0	yes	0.45	0.55	0.41	0.10	0.12	-0.04	no	no	no
1646625	0	0	yes	1.05	0.73	0.67	-0.32	-0.38	-0.06	no	no	no
1646626	0	0	yes	2.04	2.23	2.23	0.20	0.19	0.00	no	no	no
1646627	0	0	yes	0.71	0.82	0.80	0.10	0.09	-0.01	no	no	no
1646630	0	0	yes	5.65	6.49	6.04	0.85	0.40	-0.45	no	no	no
1646631	0	0	yes	808.90	1,063.37	1,049.13	254.47	240.23	-14.24	yes	yes	no
1646635	0	0	yes	75.35	73.53	69.77	-1.81	-5.58	-3.76	no	no	no
1646638	0	0	yes	25.81	32.07	31.17	6.26	5.36	-0.90	yes	yes	no
1646641	0	0	yes	0.05	0.11	0.12	0.06	0.07	0.01	no	no	no
1646642	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646643	0	0	yes	0.00	0.01	0.00	0.01	0.00	-0.01	no	no	no
1646646	0	0	yes	2.52	2.57	2.60	0.05	0.09	0.03	no	no	no
1646647	0	0	yes	78.72	119.76	113.99	41.04	35.27	-5.77	yes	yes	no
1646662	0	0	yes	17.51	23.98	22.25	6.47	4.75	-1.72	yes	yes	no
1646663	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646664	0	0	yes	14.17	18.64	17.56	4.47	3.39	-1.08	yes	yes	no
1646666	0	0	yes	0.00	0.01	0.00	0.01	0.00	-0.01	no	no	no
1646667	0	0	yes	27.19	34.75	33.92	7.56	6.73	-0.83	yes	yes	no
1646670	0	0	yes	53.05	102.37	94.15	49.32	41.10	-8.22	yes	yes	no
1646671	0	0	yes	6.50	7.08	7.55	0.58	1.05	0.47	yes	yes	no
1646672	0	0	yes	1.37	1.61	0.22	0.24	-1.15	-1.39	no	no	no
1646673	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646674	0	0	yes	63.83	79.69	76.99	15.86	13.16	-2.70	yes	yes	no
1646675	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646676	0	0	yes	46.21	57.12	54.56	10.91	8.36	-2.55	yes	yes	no
1646677	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646679	0	0	yes	38.58	37.31	33.52	-1.27	-5.06	-3.79	no	no	no
1646681	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646685	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646686	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646689	0	0	yes	1.26	1.20	0.89	-0.06	-0.37	-0.31	no	no	no
1646690	0	0	yes	0.01	0.05	0.01	0.04	0.01	-0.04	no	no	no
1646691	0	0	yes	0.02	0.01	0.01	0.00	-0.01	0.00	no	no	no
1646693	0	0	yes	43.92	54.88	51.70	10.96	7.79	-3.17	yes	yes	no
1646694	0	0	yes	1.38	0.40	0.22	-0.98	-1.16	-0.19	no	no	no
1646699	0	0	yes	37.99	45.58	43.88	7.59	5.88	-1.70	yes	yes	no
1646700	0	0	yes	0.98	1.03	1.00	0.05	0.02	-0.03	no	no	no
1646701	0	0	yes	11.47	14.85	13.49	3.38	2.02	-1.36	yes	yes	no
1646702	0	0	yes	0.05	0.00	0.00	-0.05	-0.05	0.00	no	no	no
1646703	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646704	0	0	yes	0.00	0.01	0.00	0.01	0.00	-0.01	no	no	no
1646706	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646707	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	
1646708	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646709	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1646710	0	0	yes	43.22	52.45	49.69	9.23	6.47	-2.76	yes	yes	no	no
1646713	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646715	0	0	yes	127.42	161.56	158.43	34.14	31.01	-3.13	yes	yes	no	no
1646717	0	0	yes	47.69	57.00	54.36	9.31	6.67	-2.64	yes	yes	no	no
1646723	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646724	0	0	yes	0.07	0.03	0.03	-0.04	-0.04	0.00	no	no	no	no
1646726	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646730	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646732	0	0	yes	0.00	0.22	0.17	0.22	0.16	-0.06	no	no	no	no
1646733	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646734	0	0	yes	0.01	0.02	0.05	0.01	0.04	0.03	no	no	no	no
1646735	0	0	yes	12.55	16.20	17.02	3.65	4.47	0.82	yes	yes	no	no
1646738	0	0	yes	18.16	19.38	17.40	1.22	-0.76	-1.99	yes	no	no	no
1646741	0	0	yes	8.42	12.02	8.37	3.60	-0.06	-3.66	yes	no	no	no
1646743	0	0	yes	17.85	21.62	22.30	3.77	4.45	0.68	yes	yes	no	no
1646745	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646746	0	0	yes	30.93	37.91	35.91	6.98	4.98	-2.00	yes	yes	no	no
1646747	0	0	yes	0.12	0.75	0.66	0.63	0.54	-0.09	no	no	no	no
1646749	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646750	0	0	yes	0.00	0.02	0.02	0.02	0.02	0.00	no	no	no	no
1646753	0	0	yes	20.09	26.95	26.04	6.86	5.95	-0.91	yes	yes	no	no
1646754	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646756	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646759	0	0	yes	0.32	0.37	0.37	0.05	0.05	0.00	no	no	no	no
1646762	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646763	0	0	yes	2.75	4.09	3.92	1.34	1.17	-0.16	yes	yes	no	no
1646764	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646770	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646771	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646772	0	0	yes	74.96	90.90	89.38	15.94	14.42	-1.52	yes	yes	no	no
1646773	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646774	0	0	yes	1.96	2.74	2.88	0.78	0.92	0.14	no	no	no	no
1646775	0	0	yes	4.65	6.29	6.54	1.65	1.90	0.25	yes	yes	no	no
1646776	0	0	yes	41.88	52.86	51.72	11.18	10.04	-1.14	yes	yes	no	no
1646777	0	0	yes	0.16	0.51	0.40	0.35	0.24	-0.10	no	no	no	no
1646781	0	0	yes	7.61	10.12	9.68	2.51	2.07	-0.44	yes	yes	no	no
1646782	0	0	yes	43.71	51.26	51.20	7.55	7.49	-0.06	yes	yes	no	no
1646783	0	0	yes	0.00	0.12	0.13	0.12	0.13	0.01	no	no	no	no
1646784	0	0	yes	0.19	0.08	0.18	-0.11	-0.01	0.10	no	no	no	no
1646785	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646796	0	0	yes	73.77	80.47	80.34	6.69	6.57	-0.13	yes	yes	no	no
1646800	0	0	yes	0.06	0.06	0.05	0.00	0.00	0.00	no	no	no	no
1646801	0	0	yes	0.02	0.02	0.02	0.00	0.00	0.00	no	no	no	no
1646803	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646808	0	0	yes	0.75	0.95	0.93	0.20	0.18	-0.02	no	no	no	no
1646809	0	0	yes	55.29	71.92	70.34	16.63	15.05	-1.58	yes	yes	no	no
1646814	0	0	yes	0.04	0.19	0.15	0.15	0.11	-0.04	no	no	no	no
1646816	0	0	yes	2.00	3.79	2.92	1.79	0.91	-0.88	yes	no	no	no
1646817	0	0	yes	4.21	7.47	6.42	3.26	2.21	-1.05	yes	yes	no	no
1646818	0	0	yes	127.40	160.67	158.72	33.27	31.32	-1.95	yes	yes	no	no
1646819	0	0	yes	0.00	0.01	0.01	0.00	0.00	0.00	no	no	no	no
1646820	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646821	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646864	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646869	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646871	0	0	yes	87.71	103.51	101.92	15.80	14.22	-1.59	yes	yes	no	no
1646873	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646874	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646875	0	0	yes	34.47	44.28	43.32	9.81	8.85	-0.96	yes	yes	no	no
1646876	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646878	0	0	yes	52.40	67.81	66.62	15.42	14.22	-1.20	yes	yes	no	no
1646892	0	0	yes	0.28	0.09	0.09	-0.19	-0.19	0.00	no	no	no	no
1646895	0	0	yes	0.62	0.16	0.19	-0.46	-0.43	0.02	no	no	no	no
1646899	0	0	yes	4.16	5.74	5.75	1.58	1.59	0.01	yes	yes	no	no
1646986	0	0	yes	0.25	0.20	0.19	-0.05	-0.05	0.00	no	no	no	no
1646988	0	0	yes	4.98	4.29	4.39	-0.68	-0.59	0.10	no	no	no	no
1646990	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	no
1646998	0	0	yes	2.90	2.45	2.34	-0.45	-0.56	-0.11	no	no	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
1647003	0	0	yes	0.01	0.02	0.01	0.01	0.00	0.00	no	no	no
1647007	0	0	yes	31.50	40.10	39.77	8.59	8.27	-0.33	yes	yes	no
1647008	0	0	yes	1.45	1.60	0.77	0.14	-0.68	-0.82	no	no	no
1647009	0	0	yes	4.66	4.29	3.85	-0.36	-0.81	-0.45	no	no	no
1647012	0	0	yes	0.64	0.67	0.67	0.03	0.03	0.00	no	no	no
1647015	0	0	yes	2.87	3.32	2.90	0.45	0.03	-0.42	no	no	no
1647025	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1647026	0	0	yes	13.43	12.89	12.72	-0.54	-0.71	-0.16	no	no	no
1647033	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1647039	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1647043	0	0	yes	5.82	6.22	5.84	0.40	0.01	-0.39	no	no	no
1647053	0	0	yes	14.25	13.08	10.87	-1.18	-3.38	-2.20	no	no	no
1647055	0	0	yes	2.60	2.75	2.54	0.15	-0.06	-0.21	no	no	no
1647056	0	0	yes	0.43	0.38	0.39	-0.05	-0.05	0.00	no	no	no
1647057	0	0	yes	22.66	30.86	30.65	8.20	7.99	-0.21	yes	yes	no
1647058	0	0	yes	0.21	0.23	0.23	0.02	0.02	0.00	no	no	no
1647059	0	0	yes	1.99	2.25	1.99	0.26	0.00	-0.26	no	no	no
1647060	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1647062	0	0	yes	59.00	78.78	79.61	19.79	20.61	0.82	yes	yes	no
1647063	0	0	yes	0.59	0.55	0.53	-0.04	-0.06	-0.02	no	no	no
1647064	0	0	yes	0.04	0.05	0.06	0.02	0.02	0.01	no	no	no
1647083	0	0	yes	1.10	1.15	1.02	0.05	-0.08	-0.13	no	no	no
1647187	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1647188	0	0	yes	0.84	0.80	1.10	-0.04	0.26	0.30	no	no	no
1647195	0	0	yes	0.15	0.17	0.00	0.02	-0.15	-0.17	no	no	no
1647196	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1647197	0	0	yes	0.60	0.45	0.50	-0.15	-0.10	0.06	no	no	no
1647198	0	0	yes	0.05	0.04	0.04	-0.01	-0.01	0.00	no	no	no
1647199	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1647201	0	0	yes	4.73	4.68	4.53	-0.05	-0.19	-0.15	no	no	no
1647203	0	0	yes	5.45	9.57	10.29	4.84	4.84	0.72	yes	yes	no
1647204	0	0	yes	259.37	329.10	324.41	69.73	65.04	-4.69	yes	yes	no
1647205	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1647209	0	0	yes	2.07	2.15	1.83	0.08	-0.24	-0.32	no	no	no
1647216	0	0	yes	71.95	90.62	89.19	18.66	17.24	-1.43	yes	yes	no
1656176	0	0	yes	1.23	1.14	1.18	-0.09	-0.05	0.04	no	no	no
1656219	0	0	yes	105.06	135.49	132.73	30.43	27.67	-2.76	yes	yes	no
1656264	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1656265	0	0	yes	1.00	1.48	2.58	0.48	1.58	1.10	no	yes	yes
1656266	0	0	yes	9,591.54	11,846.60	10,667.91	2,255.06	1,076.37	-1,178.69	yes	yes	no
1656267	HOWARD HUGHES PKY	HOWARD HUGHES PKY	yes	0.48	0.76	0.50	0.28	0.02	-0.26	no	no	no
1656268	0	0	yes	3,115.29	4,580.06	5,390.49	1,464.77	2,275.20	810.43	yes	yes	yes
1656332	0	0	yes	18,227.73	20,088.37	18,994.05	1,860.65	766.32	-1,094.33	yes	yes	no
1656333	0	0	yes	98.15	95.95	89.35	-2.20	-8.79	-6.59	no	no	no
1656334	0	0	yes	8.82	4.99	24.38	-3.83	15.56	19.39	no	yes	yes
1656493	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	3,230.09	3,904.68	5,514.34	674.59	2,284.25	1,609.67	yes	yes	yes
1656494	0	0	yes	9,090.89	9,779.54	9,433.45	688.66	342.56	-346.09	yes	yes	no
1656495	0	0	yes	7,449.77	8,527.11	5,491.95	1,077.34	-1,957.82	-3,035.16	yes	no	no
1657128	0	0	yes	36.30	901.23	262.77	864.93	226.47	-638.46	yes	yes	no
1657129	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	2,091.35	2,774.92	3,210.14	683.58	1,118.80	435.22	yes	yes	yes
1657130	0	0	yes	0.09	0.01	0.00	-0.08	-0.09	-0.01	no	no	no
1657131	W ROSECRANS AVE	W ROSECRANS AVE	yes	737.83	1,645.14	1,402.19	907.31	664.35	-242.95	yes	yes	no
1657132	SAN DIEGO FWY	SAN DIEGO FWY	yes	27,882.11	33,959.30	33,786.29	6,077.19	5,904.18	-173.01	yes	yes	no
1657133	0	0	yes	18.99	22.08	24.87	3.09	5.88	2.79	yes	yes	yes
1657380	0	0	yes	0.00	0.00	0.08	0.00	0.08	0.08	no	no	no
1657381	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	27,225.66	32,985.15	26,884.19	5,759.49	-341.47	-6,100.96	yes	no	no
1657382	0	0	yes	4,260.84	475.92	377.93	-3,784.92	-3,882.91	-97.99	no	no	no
1657383	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	34,512.65	40,847.75	39,928.97	6,335.09	5,418.32	-918.77	yes	yes	no
1657384	CRENSHAW BLVD	CRENSHAW BLVD	yes	95.94	89.32	73.16	-6.62	-22.78	-16.15	no	no	no
1657385	0	0	yes	201.73	191.34	146.81	-10.38	-54.91	-44.53	no	no	no
1657600	W MANCHESTER AVE	W MANCHESTER AVE	yes	344.98	560.03	596.49	215.06	251.52	36.46	yes	yes	yes
1657601	HARBOR FWY	HARBOR FWY	yes	5,282.73	6,605.27	6,236.11	1,322.54	953.39	-369.15	yes	yes	no
1657602	0	0	yes	12.73	83.68	133.84	70.95	121.11	50.16	yes	yes	yes
1657604	0	0	yes	24.58	16.58	13.23	-8.00	-11.34	-3.34	no	no	no
1657915	SANTA MONICA FWY	SANTA MONICA FWY	yes	958.00	1,252.40	1,768.99	294.40	810.99	516.59	yes	yes	yes
1657916	S BUNDY DR	S BUNDY DR	yes	480.57	689.21	623.93	208.64	143.36	-65.28	yes	yes	no
1657917	0	0	yes	6.60	8.24	9.86	1.63	3.26	1.63	yes	yes	yes
1657929	0	0	yes	1,007.30	1,408.78	1,717.57	401.48	710.26	308.79	yes	yes	yes
1657930	0	0	yes	3.61	5.92	6.47	2.30	2.86	0.55	yes	yes	no
1658427	SAINT BERNARD ST	SAINT BERNARD ST	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no

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1658431	CUMLAUDE AVE	CUMLAUDE AVE	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1658432	0	0	yes	49.13	68.27	65.15	19.14	16.02	-3.12	yes	yes	no
1658496	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1658497	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1658498	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
1658499	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2658685	0	0	yes	70,699.44	96,365.76	73,854.24	25,666.32	3,154.80	-22,511.51	yes	yes	no
2658688	0	0	yes	67,427.06	89,731.97	69,083.17	22,304.91	1,656.11	-20,648.80	yes	yes	no
2658689	0	0	yes	32,964.05	47,185.03	32,385.49	14,220.99	-578.56	-14,799.55	yes	no	no
2661426	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,132.82	1,142.63	1,206.31	9.81	73.49	63.68	yes	yes	yes
2661427	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,019.50	1,140.27	1,100.56	120.77	81.06	-39.71	yes	yes	no
2661428	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,231.07	3,199.21	4,867.92	968.14	2,636.85	1,668.71	yes	yes	yes
2661429	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,231.07	3,199.21	4,867.92	968.14	2,636.85	1,668.71	yes	yes	yes
2662708	E ARBOR VITAE ST	E ARBOR VITAE ST	yes	430.37	575.81	1,038.43	145.43	608.06	462.62	yes	yes	yes
2663166	MINDANAO WAY	MINDANAO WAY	yes	55.52	91.85	82.54	36.33	27.03	-9.30	yes	yes	no
2663167	LINCOLN BLVD	LINCOLN BLVD	yes	7,484.75	9,381.42	8,489.48	1,896.67	1,004.73	-891.94	yes	yes	no
2663168	ADMIRALTY WAY	ADMIRALTY WAY	yes	3,463.04	4,456.93	4,124.68	993.88	661.64	-332.25	yes	yes	no
2663291	S VENICE BLVD	S VENICE BLVD	yes	85.51	117.44	101.36	31.92	15.85	-16.08	yes	yes	no
2663292	DELL AVE	DELL AVE	yes	229.79	306.26	286.71	76.47	56.92	-19.55	yes	yes	no
2663293	N VENICE BLVD	N VENICE BLVD	yes	338.00	452.49	362.01	114.48	24.00	-90.48	yes	yes	no
2663294	DELL AVE	DELL AVE	yes	225.95	301.78	282.66	75.83	56.71	-19.12	yes	yes	no
2663295	DELL AVE	DELL AVE	yes	225.28	300.90	281.86	75.61	56.57	-19.04	yes	yes	no
2663296	DELL AVE	DELL AVE	yes	225.28	300.90	281.86	75.61	56.57	-19.04	yes	yes	no
2663297	DELL AVE	DELL AVE	yes	225.28	300.90	281.86	75.61	56.57	-19.04	yes	yes	no
2663298	DELL AVE	DELL AVE	yes	225.28	300.90	281.86	75.61	56.57	-19.04	yes	yes	no
2663299	DELL AVE	DELL AVE	yes	225.28	300.90	281.86	75.61	56.57	-19.04	yes	yes	no
2663300	DELL AVE	DELL AVE	yes	229.79	306.26	286.71	76.47	56.92	-19.55	yes	yes	no
2663326	S FIGUEROA ST	S FIGUEROA ST	yes	30.59	89.59	94.47	59.00	63.89	4.89	yes	yes	yes
2663569	SANTA MONICA FWY	SANTA MONICA FWY	yes	17.30	26.50	26.53	9.20	9.24	0.03	yes	yes	no
2663570	SANTA MONICA FWY	SANTA MONICA FWY	yes	133.41	146.37	134.32	12.96	0.91	-12.04	yes	no	no
2663571	SANTA MONICA FWY	SANTA MONICA FWY	yes	47.88	56.17	52.09	8.29	4.21	-4.08	yes	yes	no
2664280	LINCOLN BLVD	LINCOLN BLVD	yes	13,390.75	17,304.08	15,674.26	3,913.33	2,283.52	-1,629.81	yes	yes	no
2665241	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	890.27	1,502.43	1,025.99	612.16	135.72	-476.44	yes	yes	no
2665242	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	890.27	1,502.43	1,025.99	612.16	135.72	-476.44	yes	yes	no
2665246	S FIGUEROA ST	S FIGUEROA ST	yes	27.41	69.64	32.29	42.23	4.88	-37.35	yes	yes	no
2665247	S FIGUEROA ST	S FIGUEROA ST	yes	27.41	69.64	32.29	42.23	4.88	-37.35	yes	yes	no
2665449	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2665450	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2665829	I 105 HOV	I 105 HOV	yes	5,315.43	6,651.09	6,149.27	1,335.66	833.84	-501.82	yes	yes	no
2665830	I 105 HOV	I 105 HOV	yes	7,125.74	8,566.90	8,225.71	1,441.16	1,099.97	-341.19	yes	yes	no
2665831	I 105 HOV	I 105 HOV	yes	7,138.84	8,617.82	8,329.22	1,478.98	1,190.39	-288.59	yes	yes	no
2665832	0	0	yes	14.32	51.64	104.49	37.32	90.18	52.86	yes	yes	yes
2665833	I 105 HOV	I 105 HOV	yes	5,315.43	6,651.09	6,149.27	1,335.66	833.84	-501.82	yes	yes	no
2665834	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2665835	I 105 HOV	I 105 HOV	yes	7,128.76	8,571.68	8,314.21	1,442.92	1,185.45	-257.47	yes	yes	no
2665836	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2665837	I 105 HOV	I 105 HOV	yes	5,110.72	6,493.64	6,174.80	1,382.92	1,064.08	-318.84	yes	yes	no
2665838	0	0	yes	0.20	0.34	0.27	0.14	0.07	-0.07	no	no	no
2665980	I 405 HOV	I 405 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2665981	I 405 HOV	I 405 HOV	yes	8,297.29	11,005.79	10,402.05	2,708.50	2,104.76	-603.74	yes	yes	no
2665982	I 405 HOV	I 405 HOV	yes	1,233.91	1,803.30	1,367.96	569.40	134.05	-435.34	yes	yes	no
2665983	0	0	yes	0.04	1.08	0.00	1.04	-0.04	-1.08	yes	no	no
2666187	I 110 HOV	I 110 HOV	yes	460.13	624.51	625.86	164.38	165.73	1.35	yes	yes	yes
2666188	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666189	I 110 HOV	I 110 HOV	yes	324.42	374.02	374.50	49.60	50.08	0.48	yes	yes	no
2666190	0	0	yes	0.31	0.39	0.35	0.08	0.03	-0.04	no	no	no
2666191	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666192	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666193	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666194	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666195	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666196	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666197	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666200	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666354	OVERLAND AVE	OVERLAND AVE	yes	919.09	1,275.65	1,154.80	356.55	235.71	-120.84	yes	yes	no
2666355	SANTA MONICA FWY	SANTA MONICA FWY	yes	141.18	155.29	141.18	14.11	0.00	-14.11	yes	no	no
2666356	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666410	I 110 HOV	I 110 HOV	yes	92.41	124.53	123.20	32.12	30.78	-1.34	yes	yes	no
2666411	I 110 HOV	I 110 HOV	yes	81.92	112.15	111.14	30.23	29.22	-1.01	yes	yes	no
2666412	I 110 HOV	I 110 HOV	yes	10.49	12.38	12.06	1.89	1.57	-0.32	yes	yes	no

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2666415	I 110 HOV	I 110 HOV	yes	197.70	220.89	219.36	23.19	21.66	-1.53	yes	yes	no
2666417	I 110 HOV	I 110 HOV	yes	102.77	143.64	143.56	40.87	40.79	-0.08	yes	yes	no
2666427	I 110 HOV	I 110 HOV	yes	197.70	220.89	219.36	23.19	21.66	-1.53	yes	yes	no
2666429	I 110 HOV	I 110 HOV	yes	102.77	143.64	143.56	40.87	40.79	-0.08	yes	yes	no
2666431	I 110 HOV	I 110 HOV	yes	324.11	373.63	374.15	49.52	50.05	0.53	yes	yes	no
2666433	I 110 HOV	I 110 HOV	yes	460.13	624.51	625.86	164.38	165.73	1.35	yes	yes	yes
2666435	I 110 HOV	I 110 HOV	yes	324.42	374.02	374.50	49.60	50.08	0.48	yes	yes	no
2666437	I 110 HOV	I 110 HOV	yes	468.22	633.29	633.76	165.07	165.54	0.47	yes	yes	no
2666439	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666441	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666443	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666445	I 110 HOV	I 110 HOV	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2666447	I 110 HOV	I 110 HOV	yes	468.22	633.29	633.76	165.07	165.54	0.47	yes	yes	no
2666458	I 110 HOV	I 110 HOV	yes	92.41	124.53	123.20	32.12	30.78	-1.34	yes	yes	no
2666459	I 110 HOV	I 110 HOV	yes	197.70	220.89	219.36	23.19	21.66	-1.53	yes	yes	no
2666460	I 110 HOV	I 110 HOV	yes	102.77	143.64	143.56	40.87	40.79	-0.08	yes	yes	no
2666461	I 110 HOV	I 110 HOV	yes	102.77	143.64	143.56	40.87	40.79	-0.08	yes	yes	no
2667160	COLORADO AVE	COLORADO AVE	yes	14.36	12.84	11.22	-1.52	-3.14	-1.62	no	no	no
2667161	OLYMPIC BLVD	OLYMPIC BLVD	yes	14.48	17.92	17.17	3.44	2.69	-0.75	yes	yes	no
2667167	S PICO PL	S PICO PL	yes	5.03	5.82	5.09	0.79	0.05	-0.74	no	no	no
2667168	PICO BLVD	PICO BLVD	yes	1.39	1.65	1.47	0.26	0.07	-0.19	no	no	no
2667170			0 yes	0.02	0.05	0.04	0.03	0.02	-0.01	no	no	no
2667171			0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667172			0 yes	3.36	3.78	3.29	0.42	-0.07	-0.49	no	no	no
2667173	KANSAS AVE	KANSAS AVE	yes	8.26	9.75	9.00	1.49	0.74	-0.75	yes	no	no
2667174	KANSAS AVE	KANSAS AVE	yes	13.45	15.44	14.43	0.99	0.99	-1.00	yes	no	no
2667175	PICO BLVD	PICO BLVD	yes	30.67	22.60	19.56	-8.07	-11.11	-3.04	no	no	no
2667176			0 yes	0.01	0.00	0.00	0.00	0.00	0.00	no	no	no
2667177			0 yes	3.02	3.38	2.93	0.36	-0.08	-0.45	no	no	no
2667178			0 yes	3.76	4.20	3.75	0.44	-0.01	-0.45	no	no	no
2667179	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	221.43	301.81	260.78	80.38	39.35	-41.03	yes	yes	no
2667180	S CENTINELA AVE	S CENTINELA AVE	yes	39.39	51.97	49.20	12.58	9.81	-2.77	yes	yes	no
2667181	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	3.19	7.07	5.13	3.87	1.94	-1.93	yes	yes	no
2667182	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	16.18	19.78	16.34	3.61	0.16	-3.44	yes	no	no
2667183			0 yes	2.03	2.01	2.73	-0.02	0.70	0.72	no	no	no
2667184			0 yes	14.67	17.93	17.50	3.26	2.84	-0.42	yes	yes	no
2667185			0 yes	2.09	3.62	2.66	1.54	0.58	-0.96	yes	no	no
2667186			0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667187			0 yes	1.60	1.93	2.54	0.32	0.93	0.61	no	no	no
2667188			0 yes	23.64	29.51	27.92	5.87	4.29	-1.59	yes	yes	no
2667189			0 yes	1.43	1.49	1.69	0.07	0.26	0.20	no	no	no
2667190			0 yes	17.56	22.02	21.02	4.46	3.46	-0.99	yes	yes	no
2667191			0 yes	0.01	0.19	0.18	0.18	0.17	-0.01	no	no	no
2667192			0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667193			0 yes	19.32	22.50	21.84	3.18	2.52	-0.66	yes	yes	no
2667194			0 yes	0.38	2.02	1.78	1.64	1.40	-0.24	yes	yes	no
2667195	23RD ST	23RD ST	yes	263.17	354.96	312.23	91.79	49.06	-42.73	yes	yes	no
2667196			0 yes	184.00	236.62	232.44	52.62	48.44	-4.18	yes	yes	no
2667198	S CENTINELA AVE	S CENTINELA AVE	yes	521.16	735.81	659.89	214.65	138.73	-75.92	yes	yes	no
2667200	S CENTINELA AVE	S CENTINELA AVE	yes	544.72	765.82	687.14	221.10	142.42	-78.68	yes	yes	no
2667201	BEETHOVEN ST	BEETHOVEN ST	yes	5.12	6.59	8.98	1.46	3.85	2.39	yes	yes	yes
2667202	VENICE BLVD	VENICE BLVD	yes	0.21	0.47	0.36	0.27	0.16	-0.11	no	no	no
2667203	VENICE BLVD	VENICE BLVD	yes	5.93	9.76	10.23	3.82	4.30	0.47	yes	yes	no
2667204			0 yes	5.61	10.30	10.08	4.69	4.47	-0.22	yes	yes	no
2667205			0 yes	1.98	3.08	2.76	1.11	0.78	-0.32	yes	no	no
2667206			0 yes	8.22	3.60	3.33	-4.62	-4.89	-0.27	no	no	no
2667207			0 yes	5.19	9.02	8.88	3.83	3.69	-0.14	yes	yes	no
2667208	PALMS BLVD	PALMS BLVD	yes	1.48	2.07	2.08	0.59	0.60	0.01	no	no	no
2667209	VENICE BLVD	VENICE BLVD	yes	4.07	5.14	5.09	1.02	1.02	-0.06	yes	yes	no
2667210			0 yes	4.21	5.38	5.20	1.17	0.99	-0.18	yes	no	no
2667211			0 yes	0.61	0.91	0.70	0.30	0.10	-0.20	no	no	no
2667212			0 yes	9.46	12.26	11.97	2.79	2.50	-0.29	yes	yes	no
2667213			0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667214	WALGROVE AVE	WALGROVE AVE	yes	457.96	581.74	532.95	123.78	75.00	-48.78	yes	yes	no
2667215	LINCOLN BLVD	LINCOLN BLVD	yes	6,757.07	8,495.63	7,656.59	1,738.56	899.52	-839.04	yes	yes	no
2667216	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	95.84	106.03	129.04	10.19	33.20	23.01	yes	yes	yes
2667217	VENICE BLVD	VENICE BLVD	yes	23.01	29.36	28.78	6.35	5.77	-0.59	yes	yes	no
2667218			0 yes	18.56	23.12	22.43	4.56	3.87	-0.69	yes	yes	no
2667219			0 yes	0.05	0.14	0.08	0.09	0.03	-0.06	no	no	no
2667221			0 yes	23.13	27.84	27.07	4.72	3.94	-0.78	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2667222		0	0 yes	0.06	0.07	0.07	0.01	0.01	0.00	no	no	no
2667223	S CENTINELA AVE	S CENTINELA AVE	yes	571.28	807.37	724.28	236.09	153.00	-83.09	yes	yes	no
2667224	WASHINGTON PL	WASHINGTON PL	yes	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
2667225	BEETHOVEN ST	BEETHOVEN ST	yes	13.28	10.86	12.07	-2.42	-1.21	1.22	no	no	yes
2667226		0	0 yes	18.27	19.05	15.56	-2.72	-3.50	-3.50	no	no	no
2667227		0	0 yes	17.70	25.75	27.55	8.05	9.85	1.80	yes	yes	yes
2667228		0	0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667232	S CENTINELA AVE	S CENTINELA AVE	yes	602.76	850.18	767.15	247.42	164.38	-83.03	yes	yes	no
2667233	WASHINGTON BLVD	WASHINGTON BLVD	yes	90.44	173.91	161.58	83.47	71.14	-12.34	yes	yes	no
2667234		0	0 yes	9.30	11.08	9.12	1.78	-0.17	-1.95	yes	no	no
2667235		0	0 yes	8.16	12.15	13.04	3.99	4.88	0.89	yes	yes	no
2667236	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	197.64	237.12	225.95	39.49	28.31	-11.17	yes	yes	no
2667237	WASHINGTON PL	WASHINGTON PL	yes	0.29	1.51	0.85	1.22	0.56	-0.66	yes	no	no
2667238	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	164.27	239.90	229.90	75.63	65.62	-10.01	yes	yes	no
2667239	WASHINGTON BLVD	WASHINGTON BLVD	yes	18.24	21.32	22.61	3.07	4.37	1.29	yes	yes	yes
2667240	WASHINGTON BLVD	WASHINGTON BLVD	yes	240.83	280.89	267.80	40.06	26.97	-13.09	yes	yes	no
2667241		0	0 yes	12.96	16.53	15.54	3.58	2.59	-0.99	yes	yes	no
2667242		0	0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667243		0	0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667244		0	0 yes	1.16	1.09	1.55	-0.07	0.39	0.45	no	no	no
2667245		0	0 yes	7.41	9.21	8.57	1.80	1.16	-0.64	yes	yes	no
2667246		0	0 yes	1.52	2.23	2.00	0.70	0.48	-0.23	no	no	no
2667247	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	157.73	229.97	220.54	72.24	62.81	-9.43	yes	yes	no
2667248	VENICE BLVD	VENICE BLVD	yes	1.70	2.97	1.15	-1.27	-0.55	-1.82	yes	no	no
2667249	VENICE BLVD	VENICE BLVD	yes	7.01	9.03	10.70	2.02	3.69	1.67	yes	yes	yes
2667250		0	0 yes	12.67	15.07	12.99	2.40	0.32	-2.08	yes	no	no
2667251		0	0 yes	9.33	12.67	13.73	3.34	4.40	1.06	yes	yes	yes
2667253		0	0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667254	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	186.72	222.65	213.33	35.92	26.61	-9.32	yes	yes	no
2667255		0	0 yes	0.15	0.15	0.11	0.00	-0.04	-0.04	no	no	no
2667256	SAWTELLE BLVD	SAWTELLE BLVD	yes	122.43	231.59	149.62	109.15	27.19	-81.96	yes	yes	no
2667259		0	0 yes	0.98	3.05	2.41	2.07	1.43	-0.65	yes	yes	no
2667260	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	139.03	208.19	197.54	69.15	58.51	-10.65	yes	yes	no
2667261	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	191.36	222.41	221.87	31.04	30.51	-0.53	yes	yes	no
2667262	SAWTELLE BLVD	SAWTELLE BLVD	yes	152.29	205.64	196.43	53.35	44.14	-9.20	yes	yes	no
2667263		0	0 yes	10.36	13.13	12.72	2.78	2.36	-0.42	yes	yes	no
2667264		0	0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667265		0	0 yes	13.75	15.92	15.42	2.16	1.67	-0.50	yes	yes	no
2667266		0	0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667267		0	0 yes	11.44	14.77	14.31	3.32	2.87	-0.46	yes	yes	no
2667268		0	0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667269		0	0 yes	4.25	6.08	4.70	1.83	0.45	-1.38	yes	no	no
2667270		0	0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667271		0	0 yes	5.24	6.64	6.19	1.40	0.94	-0.46	yes	no	no
2667272		0	0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667273		0	0 yes	3.48	6.25	4.65	2.78	1.18	-1.60	yes	yes	no
2667274		0	0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667275	PALMS BLVD	PALMS BLVD	yes	3.72	3.93	4.53	0.21	0.81	0.60	no	no	no
2667276	PALMS BLVD	PALMS BLVD	yes	1.37	1.51	1.62	0.14	0.25	0.11	no	no	no
2667277	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	121.56	187.93	177.04	66.37	55.48	-10.89	yes	yes	no
2667278	NATIONAL BLVD	NATIONAL BLVD	yes	15.35	25.67	20.87	10.32	5.51	-4.80	yes	yes	no
2667279	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	155.51	182.27	180.80	26.76	25.29	-1.47	yes	yes	no
2667280		0	0 yes	11.86	12.77	12.01	0.91	0.15	-0.76	no	no	no
2667281		0	0 yes	0.24	0.27	0.26	0.02	0.02	-0.01	no	no	no
2667282		0	0 yes	6.04	7.09	7.34	1.05	1.30	0.24	yes	yes	no
2667283		0	0 yes	6.09	9.34	9.17	3.25	3.08	-0.17	yes	yes	no
2667284		0	0 yes	8.29	10.53	9.61	2.24	1.32	-0.92	yes	yes	no
2667285		0	0 yes	3.78	4.76	5.22	0.99	1.45	0.46	no	yes	no
2667286		0	0 yes	4.17	5.06	5.00	0.88	0.83	-0.05	no	yes	no
2667287		0	0 yes	18.03	26.46	22.33	8.43	4.31	-4.12	yes	yes	no
2667288	S BUNDY DR	S BUNDY DR	yes	520.73	740.97	662.50	220.24	141.76	-78.48	yes	yes	no
2667289		0	0 yes	11.46	16.39	14.59	4.93	3.13	-1.80	yes	yes	no
2667290	GATEWAY BLVD	GATEWAY BLVD	yes	75.75	102.15	95.19	26.40	19.44	-6.96	yes	yes	no
2667291	S BARRINGTON AVE	S BARRINGTON AVE	yes	234.94	302.22	299.41	67.29	64.47	-2.81	yes	yes	no
2667292	S BUNDY DR	S BUNDY DR	yes	438.08	634.66	567.35	196.57	129.27	-67.31	yes	yes	no
2667293		0	0 yes	78.97	110.26	104.74	31.29	25.77	-5.52	yes	yes	no
2667294		0	0 yes	7.52	6.99	9.06	-0.53	1.54	2.07	no	yes	yes
2667295		0	0 yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667296		0	0 yes	8.22	12.11	9.37	3.89	1.15	-2.74	yes	yes	no
2667297		0	0 yes	0.00	0.03	0.03	0.03	0.03	0.01	no	no	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2667298	W PICO BLVD	W PICO BLVD	yes	5.79	6.69	6.87	0.90	1.08	0.18	no	yes	no
2667299	S BARRINGTON AVE	S BARRINGTON AVE	yes	224.77	290.42	287.08	65.64	62.30	-3.34	yes	yes	no
2667300	0	0	yes	4.16	6.72	5.48	2.56	1.32	-1.24	yes	yes	no
2667301	0	0	yes	3.58	3.44	4.35	-0.14	0.78	0.91	no	no	no
2667302	GATEWAY BLVD	GATEWAY BLVD	yes	0.68	1.19	0.91	0.51	0.22	-0.29	no	no	no
2667303	SAWTELLE BLVD	SAWTELLE BLVD	yes	289.88	338.71	336.23	48.82	46.35	-2.48	yes	yes	no
2667304	0	0	yes	1.84	1.79	1.88	-0.06	0.04	0.09	no	no	no
2667305	0	0	yes	35.43	39.91	38.98	4.48	3.55	-0.93	yes	yes	no
2667306	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667308	W PICO BLVD	W PICO BLVD	yes	4.27	4.16	4.47	-0.10	0.20	0.31	no	no	no
2667309	GATEWAY BLVD	GATEWAY BLVD	yes	0.68	1.19	0.91	0.51	0.22	-0.29	no	no	no
2667310	SAWTELLE BLVD	SAWTELLE BLVD	yes	278.83	326.10	324.11	47.27	45.28	-1.99	yes	yes	no
2667311	0	0	yes	6.70	8.50	8.11	1.80	1.41	-0.39	yes	yes	no
2667313	0	0	yes	1.41	1.76	1.87	0.35	0.46	0.10	no	no	no
2667315	0	0	yes	11.09	12.66	12.18	1.57	1.09	-0.48	yes	yes	no
2667351	W PICO BLVD	W PICO BLVD	yes	42.63	53.89	61.15	11.26	18.51	7.26	yes	yes	yes
2667352	S BUNDY DR	S BUNDY DR	yes	419.00	607.14	539.50	188.14	120.49	-67.64	yes	yes	no
2667353	S CENTINELA AVE	S CENTINELA AVE	yes	99.86	113.63	134.81	13.77	34.95	21.18	yes	yes	yes
2667354	S CENTINELA AVE	S CENTINELA AVE	yes	131.90	142.14	164.47	10.24	32.57	22.33	yes	yes	yes
2667355	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	178.19	246.83	234.88	68.63	56.68	-11.95	yes	yes	no
2667356	0	0	yes	1.28	0.65	0.59	-0.63	-0.69	-0.06	no	no	no
2667357	0	0	yes	16.12	21.24	20.59	5.13	4.47	-0.65	yes	yes	no
2667358	0	0	yes	0.00	0.01	0.01	0.01	0.01	0.00	no	no	no
2667359	S CENTINELA AVE	S CENTINELA AVE	yes	78.28	86.22	95.53	7.94	17.24	9.30	yes	yes	yes
2667360	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667361	S CENTINELA AVE	S CENTINELA AVE	yes	77.71	85.67	94.82	7.96	17.11	9.15	yes	yes	yes
2667362	0	0	yes	0.57	0.55	0.70	-0.02	0.13	0.15	no	no	no
2667363	0	0	yes	0.03	0.06	0.06	0.03	0.03	0.00	no	no	no
2667364	0	0	yes	11.67	15.06	14.52	3.39	2.85	-0.54	yes	yes	no
2667365	S BARRINGTON AVE	S BARRINGTON AVE	yes	201.70	259.90	257.35	58.20	55.65	-2.55	yes	yes	no
2667366	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	29.78	30.05	36.47	0.27	6.69	6.42	no	yes	yes
2667367	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667368	0	0	yes	0.49	0.65	0.61	0.16	0.12	-0.04	no	no	no
2667369	0	0	yes	7.03	8.44	8.06	1.40	1.02	-0.38	yes	yes	no
2667370	0	0	yes	8.02	9.71	9.93	1.69	1.91	0.22	yes	yes	no
2667371	0	0	yes	12.85	16.95	16.04	4.10	3.20	-0.90	yes	yes	no
2667372	0	0	yes	0.01	0.02	0.02	0.00	0.00	0.00	no	no	no
2667374	0	0	yes	0.14	0.68	0.60	0.54	0.47	-0.08	no	no	no
2667375	0	0	yes	4.04	4.64	4.56	0.61	0.52	-0.08	no	no	no
2667376	0	0	yes	14.39	18.41	17.94	4.01	3.55	-0.47	yes	yes	no
2667377	0	0	yes	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
2667379	0	0	yes	40.49	51.31	49.96	10.82	9.47	-1.35	yes	yes	no
2667380	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667381	0	0	yes	51.56	66.06	64.45	14.50	12.88	-1.62	yes	yes	no
2667460	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667461	0	0	yes	42.51	52.48	50.44	9.97	7.94	-2.03	yes	yes	no
2667469	0	0	yes	54.94	69.15	67.56	14.22	12.63	-1.59	yes	yes	no
2667470	0	0	yes	15.17	30.55	15.63	15.38	0.46	-14.92	yes	no	no
2667471	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667472	0	0	yes	53.62	55.92	68.95	2.30	15.33	13.03	yes	yes	yes
2667473	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	236.52	277.03	262.51	40.51	26.00	-14.52	yes	yes	no
2667474	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667475	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	74.12	93.10	90.67	18.98	16.55	-2.43	yes	yes	no
2667476	STEWART ST	STEWART ST	yes	8.21	13.19	16.78	4.98	8.57	3.59	yes	yes	yes
2667477	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667478	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667479	0	0	yes	59.69	70.83	69.09	11.15	9.40	-1.74	yes	yes	no
2667480	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	88.57	103.75	99.14	15.18	10.57	-4.61	yes	yes	no
2667481	COLORADO AVE	COLORADO AVE	yes	0.45	0.69	0.70	0.23	0.25	0.01	no	no	no
2667482	26TH ST	26TH ST	yes	108.46	131.62	122.60	23.16	14.14	-9.02	yes	yes	no
2667483	0	0	yes	28.08	32.69	27.06	4.61	-1.02	-5.62	yes	no	no
2667484	0	0	yes	4.92	8.63	13.22	3.71	8.30	4.59	yes	yes	yes
2667485	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667486	0	0	yes	0.06	0.04	0.00	-0.02	-0.05	-0.03	no	no	no
2667487	OLYMPIC BLVD	OLYMPIC BLVD	yes	12.85	12.54	13.49	-0.31	0.65	0.96	no	no	no
2667488	COLORADO AVE	COLORADO AVE	yes	11.61	9.88	10.44	-1.73	-1.18	0.55	no	no	no
2667489	20TH ST	20TH ST	yes	44.63	40.77	36.07	-3.87	-8.56	-4.70	no	no	no
2667490	0	0	yes	0.05	0.04	0.05	-0.01	0.00	0.00	no	no	no
2667491	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667492	0	0	yes	5.10	5.85	5.33	0.75	0.23	-0.52	no	no	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2667493	0	0	yes	1.29	1.60	1.54	0.32	0.26	-0.06	no	no	no
2667494	0	0	yes	0.36	0.35	0.34	0.00	-0.01	-0.01	no	no	no
2667495	0	0	yes	37.48	46.61	45.15	9.13	7.66	-1.46	yes	yes	no
2667613	S BENTLEY AVE	S BENTLEY AVE	yes	738.93	809.16	791.75	70.23	52.81	-17.41	yes	yes	no
2667616	0	0	yes	3.15	3.97	3.81	0.82	0.66	-0.16	no	no	no
2667617	0	0	yes	4.32	5.50	5.29	1.18	0.97	-0.21	yes	no	no
2667620	S BENTLEY AVE	S BENTLEY AVE	yes	746.37	818.60	800.82	72.23	54.45	-17.79	yes	yes	no
2667621	NATIONAL BLVD	NATIONAL BLVD	yes	78.36	68.22	67.09	-10.14	-11.27	-1.13	no	no	no
2667622	NATIONAL BLVD	NATIONAL BLVD	yes	43.85	33.32	31.94	-10.53	-11.91	-1.37	no	no	no
2667623	0	0	yes	11.45	14.59	14.18	3.14	2.72	-0.42	yes	yes	no
2667625	0	0	yes	5.04	6.11	5.87	1.07	0.83	-0.24	yes	no	no
2667626	0	0	yes	0.92	1.18	1.14	0.25	0.22	-0.04	no	no	no
2667627	0	0	yes	3.53	4.38	4.20	0.86	0.67	-0.19	no	no	no
2667628	0	0	yes	4.01	5.19	5.00	1.18	0.99	-0.19	yes	no	no
2667629	0	0	yes	0.99	0.95	0.88	-0.03	-0.10	-0.07	no	no	no
2667630	SAWTELLE BLVD	SAWTELLE BLVD	yes	202.01	242.21	236.24	40.20	34.23	-5.97	yes	yes	no
2667631	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	270.30	371.73	316.24	101.43	45.94	-55.49	yes	yes	no
2667632	PALMS BLVD	PALMS BLVD	yes	41.10	53.13	55.47	12.03	14.38	2.35	yes	yes	yes
2667633	0	0	yes	10.05	12.09	11.67	2.04	1.62	-0.42	yes	yes	no
2667634	0	0	yes	12.38	14.83	14.32	2.46	1.94	-0.51	yes	yes	no
2667635	0	0	yes	1.11	0.50	0.47	-0.61	-0.64	-0.02	no	no	no
2667636	0	0	yes	7.94	11.56	11.16	3.62	3.22	-0.40	yes	yes	no
2667637	0	0	yes	0.04	0.06	0.06	0.02	0.02	0.00	no	no	no
2667638	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667639	NATIONAL PL	NATIONAL PL	yes	1.93	4.56	4.43	2.63	2.50	-0.13	yes	yes	no
2667640	OVERLAND AVE	OVERLAND AVE	yes	905.87	1,259.56	1,136.43	353.68	230.56	-123.12	yes	yes	no
2667641	PALMS BLVD	PALMS BLVD	yes	14.14	17.16	22.38	3.01	8.23	5.22	yes	yes	yes
2667642	0	0	yes	12.65	7.76	8.03	-4.89	-4.62	0.26	no	no	no
2667643	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667644	0	0	yes	25.03	40.15	38.26	15.13	13.24	-1.89	yes	yes	no
2667645	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667646	0	0	yes	14.03	17.73	17.10	3.70	3.06	-0.64	yes	yes	no
2667647	CHARNOCK RD	CHARNOCK RD	yes	10.90	14.63	14.13	3.73	3.23	-0.50	yes	yes	no
2667648	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	386.85	499.34	446.07	112.49	59.22	-53.27	yes	yes	no
2667649	VENICE BLVD	VENICE BLVD	yes	33.74	34.84	38.79	1.09	5.04	3.95	yes	yes	yes
2667650	VENICE BLVD	VENICE BLVD	yes	21.80	22.64	24.67	0.84	2.87	2.03	no	yes	yes
2667651	0	0	yes	7.65	9.84	9.49	2.18	1.83	-0.35	yes	yes	no
2667652	0	0	yes	4.85	5.82	5.59	0.97	0.74	-0.24	no	no	no
2667653	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667654	0	0	yes	7.73	9.68	9.32	1.95	1.59	-0.36	yes	yes	no
2667655	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667656	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667657	0	0	yes	6.66	8.24	7.98	1.58	1.32	-0.26	yes	yes	no
2667658	0	0	yes	8.02	9.94	9.56	1.92	1.53	-0.38	yes	yes	no
2667659	CHARNOCK RD	CHARNOCK RD	yes	1.22	2.11	2.18	0.89	0.95	0.06	no	no	no
2667660	VENICE BLVD	VENICE BLVD	yes	27.08	26.59	30.81	-0.49	3.72	4.21	no	yes	yes
2667661	VENICE BLVD	VENICE BLVD	yes	8.99	8.14	10.40	-0.85	1.41	2.26	no	yes	yes
2667662	0	0	yes	0.19	0.22	0.20	0.03	0.02	-0.02	no	no	no
2667663	0	0	yes	9.96	12.88	12.39	2.92	2.43	-0.48	yes	yes	no
2667664	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667665	0	0	yes	13.53	14.01	13.72	0.48	0.19	-0.29	no	no	no
2667666	0	0	yes	13.53	15.44	15.21	1.91	1.68	-0.23	yes	yes	no
2667668	WASHINGTON BLVD	WASHINGTON BLVD	yes	25.01	27.84	27.33	2.82	2.31	-0.51	yes	yes	no
2667669	WASHINGTON PL	WASHINGTON PL	yes	0.02	0.33	0.39	0.31	0.37	0.06	no	no	no
2667670	0	0	yes	3.63	4.09	3.66	0.46	0.03	-0.43	no	no	no
2667671	0	0	yes	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
2667672	0	0	yes	0.01	0.00	0.00	0.00	0.00	0.00	no	no	no
2667676	OVERLAND AVE	OVERLAND AVE	yes	1,226.30	1,722.63	1,559.28	496.33	332.98	-163.35	yes	yes	no
2667678	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667679	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667680	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	359.81	507.34	416.67	147.53	56.87	-90.67	yes	yes	no
2667681	0	0	yes	45.59	56.85	55.22	11.26	9.63	-1.64	yes	yes	no
2667682	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	420.20	586.05	484.96	165.85	64.77	-101.09	yes	yes	no
2667684	BRADDOCK DR	BRADDOCK DR	yes	1.43	1.65	1.48	0.22	0.04	-0.18	no	no	no
2667685	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,681.61	2,290.86	2,014.91	609.25	333.30	-275.95	yes	yes	no
2667686	OVERLAND AVE	OVERLAND AVE	yes	2,175.81	3,011.78	2,619.93	835.97	444.12	-391.85	yes	yes	no
2667687	0	0	yes	0.08	0.18	0.18	0.10	0.10	-0.01	no	no	no
2667688	0	0	yes	27.09	33.26	32.19	6.17	5.10	-1.07	yes	yes	no
2667689	0	0	yes	11.96	13.17	12.86	1.21	0.90	-0.31	yes	no	no
2667690	WASHINGTON BLVD	WASHINGTON BLVD	yes	41.62	36.05	35.32	-5.57	-6.30	-0.73	no	no	no

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2667691	CULVER BLVD	CULVER BLVD	yes	218.38	368.91	294.28	150.53	75.90	-74.63	yes	yes	no
2667692	BRADDOCK DR	BRADDOCK DR	yes	7.80	7.76	9.29	-0.04	1.49	1.53	no	yes	yes
2667693	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667694	0	0	yes	5.52	6.36	5.95	0.84	0.44	-0.41	no	no	no
2667695	0	0	yes	0.69	0.72	0.92	0.03	0.23	0.20	no	no	no
2667696	0	0	yes	6.91	9.01	8.39	2.10	1.48	-0.62	yes	yes	no
2667697	SAWTELLE BLVD	SAWTELLE BLVD	yes	98.77	124.90	114.11	26.13	15.34	-10.79	yes	yes	no
2667698	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	458.70	635.41	529.87	176.71	71.16	-105.55	yes	yes	no
2667699	0	0	yes	3.86	3.60	3.91	-0.26	0.05	0.31	no	no	no
2667700	0	0	yes	9.60	12.93	11.93	3.34	2.33	-1.00	yes	yes	no
2667701	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	534.82	805.16	701.89	270.33	167.07	-103.26	yes	yes	no
2667702	0	0	yes	0.05	0.06	0.06	0.01	0.01	0.00	no	no	no
2667704	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	2,290.05	3,104.75	2,706.58	814.70	416.53	-398.17	yes	yes	no
2667705	SAWTELLE BLVD	SAWTELLE BLVD	yes	99.85	127.17	116.20	27.31	16.35	-10.96	yes	yes	no
2667708	0	0	yes	2.54	1.41	1.28	-1.13	-1.26	-0.13	no	no	no
2667710	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,708.53	2,323.85	2,046.85	615.32	338.32	-277.00	yes	yes	no
2667711	0	0	yes	1.09	2.33	2.13	1.24	1.03	-0.20	yes	yes	no
2667712	0	0	yes	27.07	34.44	32.05	7.36	4.97	-2.39	yes	yes	no
2667716	0	0	yes	9.37	8.21	7.91	-1.16	-1.46	-0.30	no	no	no
2667717	JEFFERSON BLVD	JEFFERSON BLVD	yes	59.01	126.02	96.62	67.01	37.60	-29.41	yes	yes	no
2667718	0	0	yes	180.76	230.47	225.95	49.71	45.19	-4.52	yes	yes	no
2667719	0	0	yes	205.80	263.84	258.61	58.03	52.80	-5.23	yes	yes	no
2667720	CULVER BLVD	CULVER BLVD	yes	1,112.14	1,461.46	1,254.70	349.31	142.55	-206.76	yes	yes	no
2667721	WASHINGTON BLVD	WASHINGTON BLVD	yes	1.87	0.81	0.78	-1.05	-1.08	-0.03	no	no	no
2667722	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667723	0	0	yes	31.35	37.39	33.10	6.04	1.75	-4.29	yes	yes	no
2667724	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667725	0	0	yes	4.77	5.18	4.70	0.41	-0.07	-0.48	no	no	no
2667726	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667727	VENICE BLVD	VENICE BLVD	yes	32.13	36.25	34.88	4.12	2.74	-1.37	yes	yes	no
2667728	OVERLAND AVE	OVERLAND AVE	yes	981.88	1,358.49	1,224.67	376.61	242.79	-133.82	yes	yes	no
2667729	MOTOR AVE	MOTOR AVE	yes	144.81	230.06	210.43	85.26	65.62	-19.64	yes	yes	no
2667730	PALMS BLVD	PALMS BLVD	yes	37.12	41.89	39.37	4.78	2.25	-2.53	yes	yes	no
2667731	NATIONAL BLVD	NATIONAL BLVD	yes	0.19	0.17	0.16	-0.02	-0.03	-0.01	no	no	no
2667732	MOTOR AVE	MOTOR AVE	yes	145.84	217.97	200.76	72.13	54.93	-17.21	yes	yes	no
2667733	WASHINGTON BLVD	WASHINGTON BLVD	yes	169.40	261.96	242.80	92.56	73.41	-19.15	yes	yes	no
2667734	0	0	yes	0.00	0.01	0.01	0.00	0.00	0.00	no	no	no
2667735	0	0	yes	10.45	13.00	12.62	2.55	2.17	-0.37	yes	yes	no
2667736	VENICE BLVD	VENICE BLVD	yes	44.73	54.55	54.05	9.82	9.32	-0.49	yes	yes	no
2667737	0	0	yes	7.92	9.71	9.44	1.53	1.53	-0.27	yes	yes	no
2667738	0	0	yes	0.02	0.02	0.02	0.00	0.00	0.00	no	no	no
2667739	0	0	yes	7.84	9.94	9.63	2.10	1.79	-0.31	yes	yes	no
2667741	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667742	0	0	yes	0.08	0.09	0.09	0.01	0.01	0.00	no	no	no
2667743	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667744	NATIONAL BLVD	NATIONAL BLVD	yes	0.19	0.17	0.16	-0.02	-0.03	-0.01	no	no	no
2667745	0	0	yes	0.00	0.01	0.00	0.01	0.00	-0.01	no	no	no
2667746	0	0	yes	0.09	0.10	0.10	0.01	0.01	0.00	no	no	no
2667747	0	0	yes	28.79	35.49	34.43	6.70	5.63	-1.06	yes	yes	no
2667749	0	0	yes	23.31	29.08	28.24	5.77	4.94	-0.83	yes	yes	no
2667750	NATIONAL BLVD	NATIONAL BLVD	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667751	PALMS BLVD	PALMS BLVD	yes	14.85	27.03	22.86	12.19	8.01	-4.18	yes	yes	no
2667752	EXPOSITION BLVD	EXPOSITION BLVD	yes	93.34	144.49	127.09	51.15	33.75	-17.40	yes	yes	no
2667753	VENICE BLVD	VENICE BLVD	yes	18.90	24.11	23.94	5.21	5.03	-0.17	yes	yes	no
2667754	VENICE BLVD	VENICE BLVD	yes	10.53	10.21	11.60	-0.32	1.06	1.38	no	yes	yes
2667755	0	0	yes	11.81	14.72	14.27	2.46	2.46	-0.44	yes	yes	no
2667757	0	0	yes	0.11	0.16	0.12	0.05	0.02	-0.03	no	no	no
2667759	0	0	yes	25.28	31.42	30.56	6.14	5.28	-0.86	yes	yes	no
2667760	0	0	yes	0.03	0.09	0.02	0.06	-0.01	-0.06	no	no	no
2667761	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667762	0	0	yes	37.23	46.72	45.37	9.48	8.14	-1.35	yes	yes	no
2667763	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667764	0	0	yes	9.59	10.62	10.41	1.03	0.82	-0.21	yes	no	no
2667765	0	0	yes	11.44	16.16	15.60	4.72	4.16	-0.56	yes	yes	no
2667766	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667767	0	0	yes	51.86	67.36	60.89	15.50	9.03	-6.48	yes	yes	no
2667768	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667769	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	466.61	588.35	506.94	121.74	40.33	-81.41	yes	yes	no
2667770	BAGLEY AVE	BAGLEY AVE	yes	75.95	115.35	99.37	39.40	23.42	-15.98	yes	yes	no
2667771	0	0	yes	42.13	46.82	44.00	4.69	1.87	-2.82	yes	yes	no

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2667772	0	0	yes	7.16	13.36	11.66	6.21	4.51	-1.70	yes	yes	no
2667773	0	0	yes	3.28	3.84	6.05	0.56	2.77	2.21	no	yes	yes
2667775	CASTLE HEIGHTS AVE	CASTLE HEIGHTS AVE	yes	112.40	180.10	156.95	67.70	44.55	-23.14	yes	yes	no
2667776	0	0	yes	22.75	27.64	26.86	4.88	4.10	-0.78	yes	yes	no
2667777	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667778	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667779	ROBERTSON BLVD	ROBERTSON BLVD	yes	98.63	138.59	97.98	39.96	-0.64	-40.61	yes	no	no
2667780	0	0	yes	0.24	0.30	0.34	0.06	0.10	0.04	no	no	no
2667781	0	0	yes	4.82	5.88	10.93	1.06	6.11	5.06	yes	yes	yes
2667782	HIGUERA ST	HIGUERA ST	yes	35.84	39.32	55.13	3.48	19.29	15.81	yes	yes	yes
2667783	WASHINGTON BLVD	WASHINGTON BLVD	yes	111.67	155.33	110.48	43.66	-1.20	-44.86	yes	no	no
2667786	0	0	yes	55.86	76.67	65.18	20.81	9.32	-11.49	yes	yes	no
2667787	0	0	yes	27.03	29.59	38.00	2.56	10.97	8.41	yes	yes	yes
2667788	HAYDEN AVE	HAYDEN AVE	yes	5.48	7.38	9.30	1.90	3.81	1.91	yes	yes	yes
2667789	WASHINGTON BLVD	WASHINGTON BLVD	yes	14.22	16.79	15.03	2.57	0.80	-1.77	yes	no	no
2667790	0	0	yes	2.87	3.84	3.72	0.96	0.85	-0.12	no	no	no
2667791	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667792	0	0	yes	69.39	87.67	85.55	18.29	16.16	-2.12	yes	yes	no
2667793	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	1,530.87	1,953.12	2,084.00	422.25	553.13	130.88	yes	yes	yes
2667794	WASHINGTON BLVD	WASHINGTON BLVD	yes	18.47	18.87	19.31	0.40	0.84	0.44	no	no	no
2667795	0	0	yes	0.28	0.40	0.41	0.12	0.13	0.01	no	no	no
2667796	0	0	yes	8.83	12.41	11.25	3.58	2.42	-1.16	yes	yes	no
2667797	NATIONAL BLVD	NATIONAL BLVD	yes	19.43	20.16	27.31	0.73	7.88	7.15	no	yes	yes
2667798	VENICE BLVD	VENICE BLVD	yes	53.44	66.03	64.58	12.59	11.14	-1.45	yes	yes	no
2667799	VENICE BLVD	VENICE BLVD	yes	71.66	102.23	99.19	30.57	27.52	-3.04	yes	yes	no
2667800	CATTARAUGUS AVE	CATTARAUGUS AVE	yes	9.11	11.07	12.06	1.96	2.96	1.00	yes	yes	no
2667801	VENICE BLVD	VENICE BLVD	yes	53.11	65.99	64.98	12.88	11.86	-1.02	yes	yes	no
2667803	0	0	yes	0.00	0.12	0.06	0.12	0.05	-0.06	no	no	no
2667804	0	0	yes	0.95	1.00	1.40	0.05	0.46	0.40	no	no	no
2667805	0	0	yes	2.58	3.53	3.09	0.96	0.51	-0.45	no	no	no
2667806	0	0	yes	3.19	4.22	3.94	1.03	0.75	-0.28	yes	no	no
2667807	0	0	yes	0.91	1.22	1.02	0.31	0.11	-0.20	no	no	no
2667810	CATTARAUGUS AVE	CATTARAUGUS AVE	yes	5.35	7.14	8.59	1.79	3.24	1.45	yes	yes	yes
2667811	LA CIENEGA AVE	LA CIENEGA AVE	yes	6.38	7.57	5.11	1.19	-1.27	-2.46	yes	no	no
2667813	0	0	yes	4.47	5.83	5.62	1.36	1.16	-0.21	yes	yes	no
2667814	0	0	yes	3.11	4.21	3.94	1.10	0.84	-0.27	yes	no	no
2667815	VENICE BLVD	VENICE BLVD	yes	70.64	101.06	99.59	30.42	28.95	-1.47	yes	yes	no
2667816	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667817	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	746.11	978.93	818.20	232.82	72.09	-160.73	yes	yes	yes
2667819	NATIONAL BLVD	NATIONAL BLVD	yes	9.77	11.09	14.31	1.32	4.54	3.21	yes	yes	yes
2667820	CATTARAUGUS AVE	CATTARAUGUS AVE	yes	7.25	8.85	9.64	1.59	2.39	0.80	yes	yes	no
2667821	0	0	yes	5.23	6.15	5.96	0.92	0.73	-0.19	no	no	no
2667822	0	0	yes	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
2667823	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667829	0	0	yes	5.23	6.66	6.43	1.43	1.20	-0.23	yes	yes	no
2667860	0	0	yes	0.17	0.22	0.22	0.05	0.05	-0.01	no	no	no
2667862	0	0	yes	6.50	8.13	7.82	1.63	1.32	-0.30	yes	yes	no
2667933	0	0	yes	17.95	22.42	22.02	4.47	4.08	-0.39	yes	yes	no
2667939	W ADAMS BLVD	W ADAMS BLVD	yes	5.16	8.34	8.20	3.18	3.04	-0.14	yes	yes	no
2667942	0	0	yes	4.26	5.54	5.40	1.28	1.14	-0.14	yes	yes	no
2667946	W ADAMS BLVD	W ADAMS BLVD	yes	3.74	4.92	5.24	1.18	1.50	0.33	yes	yes	no
2667947	FAIRFAX AVE	FAIRFAX AVE	yes	3,990.22	5,374.99	5,404.67	1,384.77	1,414.45	29.67	yes	yes	yes
2667948	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,529.83	7,340.36	7,499.76	1,810.53	1,969.93	159.41	yes	yes	yes
2667949	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	393.57	538.62	508.95	145.05	115.39	-29.66	yes	yes	no
2667950	HAUSER BLVD	HAUSER BLVD	yes	223.61	254.54	246.24	30.92	22.63	-8.29	yes	yes	no
2667951	0	0	yes	42.83	53.06	51.31	10.23	8.47	-1.75	yes	yes	no
2667952	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667953	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667954	0	0	yes	0.20	0.27	0.29	0.09	0.09	0.00	no	no	no
2667955	0	0	yes	2.49	2.85	2.72	0.37	0.23	-0.13	no	no	no
2667956	S LA BREA AVE	S LA BREA AVE	yes	8,416.67	11,473.75	10,789.89	3,057.07	2,373.22	-683.85	yes	yes	yes
2667958	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	118.31	153.97	130.22	35.65	11.90	-23.75	yes	yes	no
2667959	0	0	yes	0.00	0.01	0.00	0.01	0.00	-0.01	no	no	no
2667960	0	0	yes	18.83	24.41	23.49	5.57	4.65	-0.92	yes	yes	no
2667961	0	0	yes	0.19	0.21	0.25	0.01	0.06	0.05	no	no	no
2667962	0	0	yes	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
2667963	S LA BREA AVE	S LA BREA AVE	yes	8,853.95	12,167.20	11,431.44	3,313.25	2,577.49	-735.76	yes	yes	no
2667964	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,963.31	7,892.87	8,042.29	1,929.56	149.42	-149.42	yes	yes	yes
2667965	0	0	yes	21.98	28.31	28.33	6.33	6.35	0.02	yes	yes	no
2667966	0	0	yes	7.06	7.61	6.21	0.55	-0.85	-1.40	no	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?			
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	
2667967		0	0	yes	0.03	0.05	0.04	0.02	0.01	0.00	no	no	no
2667968	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	115.10	131.21	129.64	16.11	14.54	-1.57	yes	yes	no	
2667969	W ADAMS BLVD	W ADAMS BLVD	yes	133.87	232.91	221.45	99.04	87.57	-11.47	yes	yes	no	
2667970		0	0	yes	32.56	41.35	40.49	8.79	7.93	-0.85	yes	yes	no
2667971		0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2667973		0	0	yes	65.81	76.37	75.43	10.56	9.62	-0.94	yes	yes	no
2667974		0	0	yes	0.09	0.21	0.02	0.13	-0.06	-0.19	no	no	no
2667975		0	0	yes	1.32	2.28	2.08	0.96	0.76	-0.20	no	no	no
2667976		0	0	yes	7.27	10.03	9.70	2.77	2.43	-0.33	yes	yes	no
2667982	W 27TH ST	W 27TH ST	yes	27.65	31.75	30.64	4.10	2.99	-1.11	yes	yes	no	
2667983	W ADAMS BLVD	W ADAMS BLVD	yes	15.69	44.85	33.11	29.16	17.42	-11.74	yes	yes	no	
2667987		0	0	yes	2.15	2.69	2.63	0.55	0.48	-0.07	no	no	no
2667988		0	0	yes	4.21	5.23	5.06	1.02	0.85	-0.17	yes	no	no
2668245	MANNING AVE	MANNING AVE	yes	0.03	0.04	0.03	0.00	-0.01	-0.01	no	no	no	
2668248		0	0	yes	0.26	0.70	0.39	0.44	0.12	-0.31	no	no	no
2668250		0	0	yes	5.92	5.31	5.16	-0.61	-0.77	-0.16	no	no	no
2669570		0	0	yes	24.02	30.98	29.96	6.96	5.95	-1.01	yes	yes	no
2669571	S FIGUEROA ST	S FIGUEROA ST	yes	46.93	98.94	100.35	52.01	53.42	1.41	yes	yes	yes	
2669572	W 135TH ST	W 135TH ST	yes	3.86	7.16	7.65	3.30	3.79	0.49	yes	yes	no	
2669574		0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2669575	S FIGUEROA ST	S FIGUEROA ST	yes	74.93	136.90	139.49	61.96	64.56	2.60	yes	yes	yes	
2669578		0	0	yes	0.05	0.05	0.05	0.00	0.00	-0.01	no	no	no
2669579	S HOOVER ST	S HOOVER ST	yes	5.77	8.86	8.56	2.89	2.79	-0.10	yes	yes	no	
2669580	W 120TH ST	W 120TH ST	yes	103.54	169.10	214.79	65.56	111.25	45.69	yes	yes	yes	
2669581	S FIGUEROA ST	S FIGUEROA ST	yes	58.78	118.45	78.48	59.67	19.69	-39.97	yes	yes	no	
2669582		0	0	yes	9.30	10.36	10.18	1.06	0.89	-0.18	yes	no	no
2669583	S HOOVER ST	S HOOVER ST	yes	20.87	29.24	27.69	8.37	6.82	-1.55	yes	yes	no	
2669604		0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2669607		0	0	yes	0.02	0.03	0.02	0.01	0.00	-0.01	no	no	no
2669608	W 108TH ST	W 108TH ST	yes	4.06	4.51	5.41	0.45	1.35	0.90	no	yes	no	
2669609	S MAIN ST	S MAIN ST	yes	0.33	15.52	13.86	15.19	13.53	-1.66	yes	yes	no	
2669610	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	115.52	209.06	201.24	93.53	85.72	-7.82	yes	yes	no	
2669611	S BROADWAY	S BROADWAY	yes	44.80	63.44	56.80	18.64	12.00	-6.63	yes	yes	no	
2669612	S BROADWAY	S BROADWAY	yes	31.71	33.57	57.76	1.86	26.05	24.19	yes	yes	yes	
2669613	S BROADWAY	S BROADWAY	yes	1.71	1.63	1.56	-0.09	-0.16	-0.07	no	no	no	
2669625		0	0	yes	2.16	2.56	2.30	0.40	0.14	-0.26	no	no	no
2669630		0	0	yes	10.43	13.86	13.23	3.43	2.80	-0.63	yes	yes	no
2669631	S HOOVER ST	S HOOVER ST	yes	15.59	11.27	10.86	-4.32	-4.73	-0.41	no	no	no	
2669633	S FIGUEROA ST	S FIGUEROA ST	yes	902.21	1,313.36	1,254.63	411.15	352.43	-58.73	yes	yes	no	
2669651		0	0	yes	3.23	3.67	3.35	0.44	0.12	-0.32	no	no	no
2669652	W COLDEN AVE	W COLDEN AVE	yes	9.24	6.43	6.35	-2.82	-2.90	-0.08	no	no	no	
2669653	S MAIN ST	S MAIN ST	yes	1.63	26.52	29.66	24.89	28.03	3.14	yes	yes	yes	
2669654	W 92ND ST	W 92ND ST	yes	1,281.17	3,152.27	2,755.94	1,871.10	1,474.77	-396.33	yes	yes	no	
2669655	S BROADWAY	S BROADWAY	yes	897.89	1,550.11	1,553.43	652.22	655.54	3.32	yes	yes	yes	
2669656	S BROADWAY	S BROADWAY	yes	1.29	1.46	1.33	0.17	0.04	-0.13	no	no	no	
2669657	W CENTURY BLVD	W CENTURY BLVD	yes	5,379.49	10,648.09	9,820.15	5,268.60	4,440.66	-827.94	yes	yes	no	
2669658		0	0	yes	1.89	2.14	1.95	0.25	0.06	-0.20	no	no	no
2669659		0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2669660	W COLDEN AVE	W COLDEN AVE	yes	97.59	219.48	241.23	121.89	143.64	21.75	yes	yes	yes	
2669661		0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2669662		0	0	yes	3.79	4.27	3.89	0.48	0.10	-0.38	no	no	no
2669663	S BROADWAY	S BROADWAY	yes	3.66	4.06	3.80	0.40	0.15	-0.25	no	no	no	
2669664		0	0	yes	7.39	8.64	8.74	1.25	1.35	0.10	yes	yes	no
2669666		0	0	yes	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
2669667	S VERMONT AVE	S VERMONT AVE	yes	78.57	85.60	95.74	7.03	17.16	10.13	yes	yes	yes	
2669668	W 92ND ST	W 92ND ST	yes	77.47	75.60	65.09	-1.87	-12.38	-10.51	no	no	no	
2669669	S HOOVER ST	S HOOVER ST	yes	25.37	34.44	28.00	9.06	2.63	-6.44	yes	yes	no	
2669670	W MANCHESTER AVE	W MANCHESTER AVE	yes	198.18	378.12	759.51	179.95	561.34	381.39	yes	yes	yes	
2669671	S VERMONT AVE	S VERMONT AVE	yes	80.86	106.49	100.64	25.63	19.78	-5.86	yes	yes	no	
2669672		0	0	yes	1.62	1.75	1.25	0.13	-0.37	-0.50	no	no	no
2669674		0	0	yes	4.35	4.71	5.04	0.35	0.69	0.33	no	no	no
2669675		0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2669676	S MAIN ST	S MAIN ST	yes	32.50	56.49	80.27	23.99	47.77	23.78	yes	yes	yes	
2669677	W MANCHESTER AVE	W MANCHESTER AVE	yes	455.88	580.29	546.89	124.40	91.01	-33.39	yes	yes	no	
2669678	S BROADWAY	S BROADWAY	yes	2,283.30	5,009.75	4,632.01	2,726.45	2,348.71	-377.74	yes	yes	no	
2669689		0	0	yes	2.71	3.04	2.77	0.33	0.06	-0.27	no	no	no
2669690	S HOOVER ST	S HOOVER ST	yes	35.43	45.33	44.91	9.89	9.48	-0.41	yes	yes	no	
2669691		0	0	yes	3.24	3.05	2.57	-0.67	-0.67	-0.48	no	no	no
2669692	S FIGUEROA ST	S FIGUEROA ST	yes	339.38	460.43	465.08	121.04	125.70	4.66	yes	yes	yes	
2669693		0	0	yes	0.03	0.04	0.02	0.01	0.00	-0.01	no	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2669694	S HOOVER ST	S HOOVER ST	yes	38.14	48.36	47.68	10.22	9.54	-0.68	yes	yes	no
2669695	0	0	0	26.00	34.26	33.27	8.26	7.27	-0.99	yes	yes	no
2669696	S NORMANDIE AVE	S NORMANDIE AVE	yes	58.44	81.92	77.81	23.48	19.37	-4.10	yes	yes	no
2669697	S VERMONT AVE	S VERMONT AVE	yes	145.04	181.29	198.40	36.25	53.36	17.11	yes	yes	yes
2669698	0	0	0	42.48	51.37	50.00	8.89	7.52	-1.37	yes	yes	no
2669699	W 92ND ST	W 92ND ST	yes	28.37	80.36	33.89	51.98	5.52	-46.47	yes	yes	no
2669701	S WESTERN AVE	S WESTERN AVE	yes	35.54	30.27	31.84	-5.27	-3.70	1.57	no	no	yes
2669702	W CENTURY BLVD	W CENTURY BLVD	yes	7,281.26	13,262.10	12,325.41	5,980.84	5,044.15	-936.69	yes	yes	no
2669704	0	0	0	0.78	1.87	1.59	1.09	0.82	-0.27	yes	no	no
2669705	W CENTURY BLVD	W CENTURY BLVD	yes	7,100.65	13,067.52	12,161.31	5,966.88	5,060.66	-906.21	yes	yes	no
2669706	S VAN NESS AVE	S VAN NESS AVE	yes	22.48	26.41	25.09	3.93	2.61	-1.32	yes	yes	no
2669709	0	0	0	3.14	3.92	3.67	0.79	0.53	-0.25	no	no	no
2669710	0	0	0	0.00	0.01	0.00	0.01	0.00	0.00	no	no	no
2669711	0	0	0	29.03	38.33	36.72	9.29	7.69	-1.61	yes	yes	no
2669712	S VAN NESS AVE	S VAN NESS AVE	yes	25.02	30.16	29.48	5.15	4.46	-0.68	yes	yes	no
2669713	W MANCHESTER AVE	W MANCHESTER AVE	yes	198.84	412.38	798.33	213.54	599.50	385.96	yes	yes	yes
2669714	S WESTERN AVE	S WESTERN AVE	yes	21.38	42.46	33.52	21.08	12.14	-8.94	yes	yes	no
2669719	0	0	0	1.01	1.15	0.75	0.14	-0.26	-0.40	no	no	no
2669720	S BROADWAY	S BROADWAY	yes	1,870.47	4,348.85	3,953.09	2,478.38	2,082.62	-395.76	yes	yes	no
2669722	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2669723	S MAIN ST	S MAIN ST	yes	7.02	15.48	44.72	8.46	37.70	29.24	yes	yes	yes
2669725	S HOOVER ST	S HOOVER ST	yes	5.31	6.80	6.60	1.49	1.29	-0.20	yes	yes	no
2669726	S HOOVER ST	S HOOVER ST	yes	5.40	6.80	9.86	1.39	4.45	3.06	yes	yes	yes
2669727	S FIGUEROA ST	S FIGUEROA ST	yes	330.07	454.55	460.51	124.48	130.44	5.96	yes	yes	yes
2669728	0	0	0	30.18	38.67	38.41	8.49	8.23	-0.27	yes	yes	no
2669729	S FIGUEROA ST	S FIGUEROA ST	yes	334.63	456.03	461.14	121.40	126.51	5.11	yes	yes	yes
2669730	S NORMANDIE AVE	S NORMANDIE AVE	yes	58.48	82.79	91.89	24.31	33.41	9.10	yes	yes	yes
2669731	S VERMONT AVE	S VERMONT AVE	yes	141.27	181.20	200.23	39.93	58.96	19.03	yes	yes	yes
2669732	0	0	0	1.76	1.97	1.97	0.21	0.21	0.00	no	no	no
2669733	0	0	0	15.11	20.77	19.89	5.67	4.78	-0.88	yes	yes	no
2669734	W FLORENCE AVE	W FLORENCE AVE	yes	2,324.59	4,391.60	5,505.25	2,067.01	3,180.65	1,113.64	yes	yes	yes
2669736	S WESTERN AVE	S WESTERN AVE	yes	20.04	40.81	76.28	20.77	56.24	35.47	yes	yes	yes
2669737	CRENSHAW BLVD	CRENSHAW BLVD	yes	108.26	126.76	126.52	18.50	18.26	-0.24	yes	yes	no
2669738	0	0	0	13.43	12.76	13.22	-0.67	-0.21	0.46	no	no	no
2669739	0	0	0	31.74	41.97	39.67	10.24	7.94	-2.30	yes	yes	no
2669741	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2669742	S VAN NESS AVE	S VAN NESS AVE	yes	95.50	183.55	227.32	88.04	131.82	43.77	yes	yes	yes
2669743	W FLORENCE AVE	W FLORENCE AVE	yes	2,993.74	5,370.25	6,653.92	2,376.50	3,660.18	1,283.68	yes	yes	yes
2669744	S WESTERN AVE	S WESTERN AVE	yes	14.52	25.71	26.15	11.20	11.63	0.44	yes	yes	no
2669747	0	0	0	1.65	1.50	1.43	-0.15	-0.22	-0.07	no	no	no
2669748	CRENSHAW BLVD	CRENSHAW BLVD	yes	186.33	233.63	306.15	47.30	119.82	72.52	yes	yes	yes
2669749	WEST BLVD	WEST BLVD	yes	765.31	645.78	703.07	-119.53	-62.24	57.29	no	no	yes
2669750	HYDE PARK BLVD	HYDE PARK BLVD	yes	1,518.14	943.81	741.52	-574.33	-776.62	-202.29	no	no	no
2669751	0	0	0	40.12	49.40	46.55	9.28	6.43	-2.85	yes	yes	no
2669754	S WESTERN AVE	S WESTERN AVE	yes	1,475.92	2,430.67	2,635.29	954.75	1,159.37	204.62	yes	yes	yes
2669755	W SLAUSON AVE	W SLAUSON AVE	yes	852.79	670.29	552.20	-182.51	-300.59	-118.09	no	no	no
2669756	S NORMANDIE AVE	S NORMANDIE AVE	yes	45.56	58.32	54.04	12.76	8.48	-4.27	yes	yes	no
2669757	W GAGE AVE	W GAGE AVE	yes	2,252.98	3,272.13	3,794.41	1,019.15	1,541.43	522.28	yes	yes	yes
2669759	0	0	0	83.33	106.01	104.29	22.69	20.97	-1.72	yes	yes	no
2669760	S HOOVER ST	S HOOVER ST	yes	195.46	322.34	360.00	126.87	164.54	37.67	yes	yes	yes
2669761	S VERMONT AVE	S VERMONT AVE	yes	180.72	245.79	267.74	65.07	87.03	21.95	yes	yes	yes
2669763	S VERMONT AVE	S VERMONT AVE	yes	414.48	584.27	591.49	169.78	177.00	7.22	yes	yes	yes
2669764	W GAGE AVE	W GAGE AVE	yes	2,075.29	3,239.32	3,835.57	1,164.03	1,760.28	596.25	yes	yes	yes
2669765	S NORMANDIE AVE	S NORMANDIE AVE	yes	110.37	212.70	313.72	102.33	203.35	101.02	yes	yes	yes
2669766	0	0	0	0.06	0.13	0.23	0.07	0.17	0.10	no	no	no
2669767	0	0	0	6.92	6.05	5.95	-0.87	-0.97	-0.10	no	no	no
2669769	0	0	0	1.97	2.47	2.31	0.50	0.34	-0.17	no	no	no
2669770	W FLORENCE AVE	W FLORENCE AVE	yes	2,041.38	3,978.58	5,104.57	1,937.20	3,063.18	1,125.98	yes	yes	yes
2669771	0	0	0	22.78	31.25	30.32	8.47	7.54	-0.93	yes	yes	no
2669772	S HOOVER ST	S HOOVER ST	yes	35.90	98.48	99.74	62.57	63.83	1.26	yes	yes	yes
2669773	S FIGUEROA ST	S FIGUEROA ST	yes	348.32	572.02	638.56	223.70	290.24	66.54	yes	yes	yes
2669774	0	0	0	0.18	0.08	0.02	-0.10	-0.16	-0.06	no	no	no
2669775	W GAGE AVE	W GAGE AVE	yes	2,071.93	3,254.12	3,800.64	1,182.20	1,728.71	546.51	yes	yes	yes
2669779	0	0	0	2.06	2.26	2.08	0.20	0.02	-0.17	no	no	no
2669783	0	0	0	1.98	2.23	2.05	0.25	0.07	-0.18	no	no	no
2669784	S BROADWAY	S BROADWAY	yes	2,269.22	5,051.83	5,008.75	2,782.62	2,739.53	-43.08	yes	yes	no
2669785	W GAGE AVE	W GAGE AVE	yes	154.91	207.14	182.08	52.22	27.17	-25.05	yes	yes	no
2669786	S MAIN ST	S MAIN ST	yes	225.20	551.84	623.49	326.64	398.29	71.65	yes	yes	yes
2669787	W FLORENCE AVE	W FLORENCE AVE	yes	448.50	795.22	790.76	346.72	342.26	-4.46	yes	yes	no
2669802	0	0	0	18.97	19.64	19.11	0.67	0.14	-0.53	no	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2669803	S MAIN ST	S MAIN ST	yes	284.39	643.53	698.77	359.14	414.37	55.23	yes	yes	yes
2669812	0	0	yes	50.35	64.64	62.95	14.30	12.60	-1.70	yes	yes	no
2669813	0	0	yes	0.61	0.91	0.90	0.30	0.29	-0.01	no	no	no
2669814	S WILTON PL	S WILTON PL	yes	1,237.18	1,000.52	918.52	-236.66	-318.66	-82.00	no	no	no
2669815	0	0	yes	5.22	8.51	7.53	3.29	2.31	-0.98	yes	yes	no
2669816	CRENSHAW BLVD	CRENSHAW BLVD	yes	344.64	338.76	405.09	-5.88	60.45	66.33	no	yes	yes
2669817	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2669818	0	0	yes	45.31	57.60	55.57	12.29	10.26	-2.03	yes	yes	no
2669819	0	0	yes	0.14	0.19	0.16	0.05	0.02	-0.03	no	no	no
2669820	W 54TH ST	W 54TH ST	yes	8.72	30.80	22.43	22.08	13.70	-8.37	yes	yes	no
2669821	8TH AVE	8TH AVE	yes	47.34	61.87	65.55	14.54	18.22	3.68	yes	yes	yes
2669822	W SLAUSON AVE	W SLAUSON AVE	yes	2.01	3.08	3.70	1.07	1.69	0.63	yes	yes	no
2669823	S VAN NESS AVE	S VAN NESS AVE	yes	108.66	154.31	131.06	45.65	22.40	-23.25	yes	yes	no
2669824	CRENSHAW BLVD	CRENSHAW BLVD	yes	766.50	630.06	758.91	-136.44	-7.58	128.85	no	no	yes
2669825	0	0	yes	0.02	0.00	0.01	-0.02	-0.01	0.01	no	no	no
2669826	W 54TH ST	W 54TH ST	yes	9.10	31.76	17.99	22.66	8.88	-13.77	yes	yes	no
2669827	0	0	yes	0.00	0.01	0.00	0.01	0.00	-0.01	no	no	no
2669828	0	0	yes	25.62	32.12	30.93	6.50	5.31	-1.19	yes	yes	no
2669830	0	0	yes	49.20	62.46	61.29	13.25	12.08	-1.17	yes	yes	no
2669831	8TH AVE	8TH AVE	yes	18.20	28.68	34.80	10.48	16.60	6.12	yes	yes	yes
2669832	W 48TH ST	W 48TH ST	yes	42.58	65.03	53.51	22.45	10.93	-11.52	yes	yes	no
2669833	0	0	yes	0.02	0.03	0.01	0.01	-0.02	-0.02	no	no	no
2669836	S VAN NESS PL	S VAN NESS PL	yes	54.29	50.33	50.77	-3.95	-3.52	0.43	no	no	no
2669837	0	0	yes	0.02	0.03	0.01	0.01	-0.02	-0.02	no	no	no
2669838	W 48TH ST	W 48TH ST	yes	52.28	85.18	63.59	32.91	11.31	-21.60	yes	yes	no
2669839	0	0	yes	0.62	0.92	0.96	0.30	0.34	0.04	no	no	no
2669841	0	0	yes	4.90	6.52	5.72	1.62	0.82	-0.80	yes	no	no
2669842	0	0	yes	28.23	36.36	36.00	8.12	7.77	-0.35	yes	yes	no
2669843	W SLAUSON AVE	W SLAUSON AVE	yes	1,234.04	997.05	915.66	-236.99	-318.38	-81.39	no	no	no
2669844	S WESTERN AVE	S WESTERN AVE	yes	874.64	1,007.76	1,128.07	133.12	253.43	120.31	yes	yes	yes
2669845	W 54TH ST	W 54TH ST	yes	2.73	21.04	13.63	10.90	10.90	-7.41	yes	yes	no
2669846	0	0	yes	64.52	80.98	79.72	16.47	15.20	-1.27	yes	yes	no
2669847	S NORMANDIE AVE	S NORMANDIE AVE	yes	87.59	108.54	124.79	20.96	37.20	16.25	yes	yes	yes
2669848	W SLAUSON AVE	W SLAUSON AVE	yes	747.02	540.66	402.81	-206.36	-344.21	-137.85	no	no	no
2669849	S VERMONT AVE	S VERMONT AVE	yes	174.76	207.12	239.48	32.36	64.72	32.36	yes	yes	yes
2669850	0	0	yes	0.04	0.01	0.03	-0.03	-0.01	0.02	no	no	no
2669851	W 54TH ST	W 54TH ST	yes	61.50	164.83	161.89	103.32	100.39	-2.94	yes	yes	no
2669854	0	0	yes	32.41	41.84	40.66	9.43	8.24	-1.19	yes	yes	no
2669855	S WESTERN AVE	S WESTERN AVE	yes	216.19	264.43	297.39	48.24	81.20	32.96	yes	yes	yes
2669856	W 48TH ST	W 48TH ST	yes	60.90	125.13	88.96	64.23	28.05	-36.17	yes	yes	no
2669857	S VAN NESS AVE	S VAN NESS AVE	yes	25.14	69.06	44.59	43.92	19.45	-24.47	yes	yes	no
2669858	W 48TH ST	W 48TH ST	yes	152.82	237.06	234.43	84.24	81.60	-2.64	yes	yes	no
2669859	0	0	yes	1.44	2.25	2.31	0.81	0.88	0.07	no	no	no
2669860	0	0	yes	21.60	27.73	26.94	6.13	5.33	-0.79	yes	yes	no
2669861	S WESTERN AVE	S WESTERN AVE	yes	101.28	122.99	123.16	21.71	21.88	0.17	yes	yes	no
2669863	W 48TH ST	W 48TH ST	yes	39.31	97.41	62.03	58.10	22.72	-35.38	yes	yes	no
2669864	0	0	yes	63.96	82.47	79.47	18.51	15.51	-3.00	yes	yes	no
2669865	0	0	yes	12.98	14.90	15.72	1.91	2.73	0.82	yes	yes	no
2669867	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2669868	0	0	yes	117.58	152.52	150.02	34.95	32.44	-2.51	yes	yes	no
2669876	0	0	yes	5.33	4.35	3.91	-0.98	-1.41	-0.43	no	no	no
2669877	ARLINGTON AVE	ARLINGTON AVE	yes	18.39	22.59	20.12	4.21	1.74	-2.47	yes	yes	no
2669878	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	928.85	968.22	861.87	39.37	-66.98	-106.35	yes	no	no
2669879	S WESTERN AVE	S WESTERN AVE	yes	71.49	97.38	100.25	25.89	28.75	2.87	yes	yes	yes
2669880	W VERNON AVE	W VERNON AVE	yes	3.52	15.48	9.64	11.96	6.12	-5.84	yes	yes	no
2669881	S VERMONT AVE	S VERMONT AVE	yes	136.35	150.10	166.22	13.75	29.87	16.12	yes	yes	yes
2669882	S VERMONT AVE	S VERMONT AVE	yes	123.41	140.60	146.85	17.20	23.44	6.25	yes	yes	yes
2669883	W VERNON AVE	W VERNON AVE	yes	86.92	94.19	66.31	7.28	-20.61	-27.88	yes	no	no
2669884	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2669885	S HOOVER ST	S HOOVER ST	yes	360.95	630.81	680.67	269.85	319.72	49.87	yes	yes	yes
2669886	S FIGUEROA ST	S FIGUEROA ST	yes	758.52	891.96	983.53	133.43	225.01	91.58	yes	yes	yes
2669887	0	0	yes	6.16	6.72	6.48	0.56	0.32	-0.25	no	no	no
2669888	0	0	yes	35.88	48.10	47.13	12.22	11.25	-0.96	yes	yes	no
2669889	S HOOVER ST	S HOOVER ST	yes	225.45	418.75	441.51	193.30	216.06	22.76	yes	yes	yes
2669890	W 54TH ST	W 54TH ST	yes	55.03	58.46	71.63	3.43	16.60	13.17	yes	yes	yes
2669891	0	0	yes	13.42	15.85	19.15	2.43	5.73	3.30	yes	yes	yes
2669892	W 43RD ST	W 43RD ST	yes	12.84	14.52	18.72	1.67	5.87	4.20	yes	yes	yes
2669893	0	0	yes	148.17	189.71	182.65	41.54	34.48	-7.06	yes	yes	no
2669894	STOCKER ST	STOCKER ST	yes	200.74	226.47	147.75	25.73	-52.99	-78.72	yes	no	no
2669896	0	0	yes	8.59	9.82	9.47	1.22	0.88	-0.34	yes	no	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2669897	W SLAUSON AVE	W SLAUSON AVE	yes	375.86	439.96	508.83	64.10	132.97	68.87	yes	yes	yes
2669898	S MAIN ST	S MAIN ST	yes	352.01	700.43	804.77	348.42	452.76	104.34	yes	yes	yes
2669899	W 54TH ST	W 54TH ST	yes	76.48	119.07	176.08	42.59	99.60	57.01	yes	yes	yes
2669900	S BROADWAY	S BROADWAY	yes	2,793.74	5,497.24	5,560.08	2,703.50	2,766.34	62.84	yes	yes	yes
2669901	0	0	yes	0.10	0.02	0.03	-0.07	-0.07	0.00	no	no	no
2669902	W 54TH ST	W 54TH ST	yes	222.42	301.16	401.70	78.74	179.27	100.53	yes	yes	yes
2669923	0	0	yes	16.94	21.20	20.50	4.26	3.57	-0.70	yes	yes	no
2669924	W VERNON AVE	W VERNON AVE	yes	551.77	557.91	516.74	6.13	-35.03	-41.16	yes	no	no
2669991	0	0	yes	0.04	0.01	0.01	-0.03	-0.03	0.00	no	no	no
2669992	S MAIN ST	S MAIN ST	yes	7.64	7.73	9.05	0.09	1.41	1.32	no	yes	yes
2669993	0	0	yes	23.08	29.91	28.99	6.83	5.90	-0.92	yes	yes	no
2669994	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2669995	S BROADWAY	S BROADWAY	yes	2,637.60	4,558.42	4,716.09	1,920.82	2,078.49	157.67	yes	yes	yes
2669996	0	0	yes	0.01	0.00	0.01	-0.01	-0.01	0.00	no	no	no
2669997	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	682.17	761.55	731.38	79.37	49.21	-30.17	yes	yes	no
2669998	0	0	yes	0.41	0.44	0.39	0.03	-0.03	-0.05	no	no	no
2669999	0	0	yes	1.98	2.00	1.90	0.02	-0.07	-0.09	no	no	no
2670001	W 39TH ST	W 39TH ST	yes	25.48	26.49	35.81	1.01	10.33	9.32	yes	yes	yes
2670002	0	0	yes	4.69	4.23	6.66	-0.46	1.97	2.42	no	yes	yes
2670003	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2670004	0	0	yes	24.76	32.77	29.63	8.00	4.86	-3.14	yes	yes	no
2670005	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,861.21	2,616.77	2,664.31	755.56	803.10	47.54	yes	yes	yes
2670006	S NORMANDIE AVE	S NORMANDIE AVE	yes	61.82	72.96	88.41	11.14	26.59	15.45	yes	yes	yes
2670007	EXPOSITION BLVD	EXPOSITION BLVD	yes	684.07	624.94	521.03	-59.13	-163.03	-103.91	no	no	no
2670008	EXPOSITION BLVD	EXPOSITION BLVD	yes	434.93	594.40	553.04	159.47	118.11	-41.36	yes	yes	no
2670009	EXPOSITION BLVD	EXPOSITION BLVD	yes	0.85	0.36	0.45	-0.48	-0.39	0.09	no	no	no
2670010	EXPOSITION BLVD	EXPOSITION BLVD	yes	99.14	184.63	173.98	85.48	74.83	-10.65	yes	yes	no
2670011	0	0	yes	0.01	0.01	0.02	0.01	0.01	0.01	no	no	no
2670012	W 39TH PL	W 39TH PL	yes	960.61	1,054.04	958.17	93.43	-2.44	-95.87	yes	no	no
2670013	W 39TH ST	W 39TH ST	yes	9.44	50.84	30.58	41.41	21.14	-20.26	yes	yes	no
2670016	0	0	yes	0.00	0.16	0.12	0.16	0.12	-0.03	no	no	no
2670017	MARLTON AVE	MARLTON AVE	yes	55.03	188.99	177.83	133.96	122.80	-11.16	yes	yes	no
2670018	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	40.47	69.36	66.57	28.89	26.10	-2.79	yes	yes	no
2670019	PALMWOOD DR	PALMWOOD DR	yes	0.75	1.10	1.05	0.35	0.30	-0.05	no	no	no
2670020	0	0	yes	48.88	45.81	45.61	-3.08	-3.28	-0.20	no	no	no
2670021	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2670022	W 39TH ST	W 39TH ST	yes	65.29	170.11	159.95	104.82	94.66	-10.16	yes	yes	no
2670023	0	0	yes	38.19	65.21	63.42	27.02	25.23	-1.79	yes	yes	no
2670024	COLISEUM ST	COLISEUM ST	yes	0.01	0.01	0.02	0.00	0.00	0.00	no	no	no
2670025	0	0	yes	0.01	0.07	0.02	0.06	0.00	-0.05	no	no	no
2670028	0	0	yes	51.51	65.34	63.84	13.83	12.33	-1.50	yes	yes	no
2670029	W 39TH ST	W 39TH ST	yes	0.15	0.00	1.17	-0.14	1.03	1.17	no	yes	yes
2670030	WESTSIDE AVE	WESTSIDE AVE	yes	23.72	9.62	8.67	-14.09	-15.04	-0.95	no	no	no
2670031	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,972.30	5,890.91	5,746.46	1,918.61	1,774.16	-144.45	yes	yes	no
2670032	COLISEUM ST	COLISEUM ST	yes	40.20	55.36	43.08	15.15	2.88	-12.28	yes	yes	no
2670034	0	0	yes	3.41	3.49	3.27	0.08	-0.14	-0.22	no	no	no
2670035	ARLINGTON AVE	ARLINGTON AVE	yes	161.45	221.05	205.98	59.60	44.53	-15.07	yes	yes	no
2670036	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	295.11	411.21	360.60	116.10	65.50	-50.61	yes	yes	no
2670037	9TH AVE	9TH AVE	yes	4.13	5.64	22.39	1.51	18.26	16.75	yes	yes	yes
2670038	ARLINGTON AVE	ARLINGTON AVE	yes	97.76	90.02	105.89	-7.74	8.14	15.88	no	yes	yes
2670039	0	0	yes	53.11	64.59	63.60	11.48	10.49	-0.99	yes	yes	no
2670041	0	0	yes	29.06	39.82	38.81	10.76	9.75	-1.01	yes	yes	no
2670042	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	202.42	240.40	221.78	37.99	19.36	-18.63	yes	yes	no
2670043	0	0	yes	4.44	11.75	11.68	7.31	7.24	-0.08	yes	yes	no
2670044	0	0	yes	42.14	45.99	45.05	3.84	2.91	-0.93	yes	yes	no
2670045	S WESTERN AVE	S WESTERN AVE	yes	125.82	206.33	215.65	80.51	89.82	9.32	yes	yes	yes
2670046	W 35TH ST	W 35TH ST	yes	126.85	165.09	142.04	38.24	15.19	-23.05	yes	yes	no
2670047	S NORMANDIE AVE	S NORMANDIE AVE	yes	35.29	48.23	55.31	12.94	20.02	7.08	yes	yes	yes
2670048	0	0	yes	3.61	5.45	5.36	1.84	1.76	-0.08	yes	yes	no
2670049	0	0	yes	24.34	29.78	28.95	5.43	4.60	-0.83	yes	yes	no
2670052	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2670053	W 37TH DR	W 37TH DR	yes	421.16	568.29	526.43	147.13	105.26	-41.86	yes	yes	no
2670054	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	89.69	112.08	92.02	22.39	2.33	-20.06	yes	yes	no
2670055	EXPOSITION BLVD	EXPOSITION BLVD	yes	671.58	607.84	504.42	-63.75	-167.17	-103.42	no	no	no
2670056	W 37TH DR	W 37TH DR	yes	0.86	0.92	1.17	0.06	0.31	0.25	no	no	no
2670057	0	0	yes	44.68	58.05	57.07	13.37	12.39	-0.98	yes	yes	no
2670058	37TH PL	37TH PL	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2670061	0	0	yes	64.37	76.49	74.06	12.12	9.69	-2.43	yes	yes	no
2670062	S GRAND AVE	S GRAND AVE	yes	122.08	130.42	123.81	8.34	1.73	-6.62	yes	yes	no
2670087	0	0	yes	0.72	0.91	0.81	0.19	0.08	-0.11	no	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2670088	S HILL ST	S HILL ST	yes	595.80	840.28	831.71	244.47	235.91	-8.56	yes	yes	no
2670094	0	0	0	66.98	84.26	83.14	17.27	16.16	-1.12	yes	yes	no
2670095	0	0	0	23.20	31.33	30.74	8.13	7.54	-0.59	yes	yes	no
2670096	W 30TH ST	W 30TH ST	yes	9.53	10.01	8.81	0.48	-0.72	-1.20	no	no	no
2670097	0	0	0	3.24	1.67	1.45	-1.58	-1.79	-0.22	no	no	no
2670098	W ADAMS BLVD	W ADAMS BLVD	yes	266.57	305.53	275.86	38.96	9.29	-29.66	yes	yes	no
2670118	S FLOWER ST	S FLOWER ST	yes	737.82	963.78	958.21	225.96	220.39	-5.57	yes	yes	no
2670132	0	0	0	57.03	76.97	77.16	19.94	20.13	0.18	yes	yes	no
2670134	0	0	0	65.69	88.49	84.51	22.81	18.83	-3.98	yes	yes	no
2670135	0	0	0	14.12	9.29	9.68	-4.83	-4.44	0.39	no	no	no
2670136	W 32ND ST	W 32ND ST	yes	59.61	79.63	81.24	20.03	21.63	1.61	yes	yes	yes
2670137	W 30TH ST	W 30TH ST	yes	0.04	0.03	0.03	-0.01	-0.01	0.00	no	no	no
2670138	S FIGUEROA ST	S FIGUEROA ST	yes	884.97	1,141.17	1,137.34	256.20	252.37	-3.84	yes	yes	no
2670139	W ADAMS BLVD	W ADAMS BLVD	yes	25.91	25.23	24.83	-0.68	-1.08	-0.40	no	no	no
2670140	W 30TH ST	W 30TH ST	yes	258.28	325.60	321.67	67.32	63.38	-3.94	yes	yes	no
2670141	0	0	0	1.90	1.77	1.70	-0.12	-0.20	-0.08	no	no	no
2670142	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	261.72	329.14	325.25	67.42	63.53	-3.89	yes	yes	no
2670143	0	0	0	3.69	3.62	3.45	-0.07	-0.24	-0.17	no	no	no
2670144	S VERMONT AVE	S VERMONT AVE	yes	111.27	135.57	144.52	24.30	33.25	8.96	yes	yes	yes
2670145	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2670146	0	0	0	1.24	0.92	0.87	-0.32	-0.37	-0.05	no	no	no
2670148	S NORMANDIE AVE	S NORMANDIE AVE	yes	47.97	68.55	73.26	20.58	25.29	4.71	yes	yes	yes
2670149	0	0	0	24.65	32.43	31.79	7.77	7.14	-0.63	yes	yes	no
2670150	W 35TH ST	W 35TH ST	yes	102.23	132.71	110.29	30.48	8.06	-22.41	yes	yes	no
2670151	S WESTERN AVE	S WESTERN AVE	yes	146.64	202.55	223.49	55.91	76.85	20.94	yes	yes	yes
2670152	S VERMONT AVE	S VERMONT AVE	yes	161.09	197.39	205.98	36.30	44.89	8.59	yes	yes	yes
2670153	29th St	29th St	yes	112.43	151.80	154.28	39.38	41.85	2.47	yes	yes	yes
2670154	S NORMANDIE AVE	S NORMANDIE AVE	yes	86.70	124.39	132.90	37.68	46.20	8.52	yes	yes	yes
2670155	29th St	29th St	yes	73.71	96.55	95.20	22.84	21.49	-1.35	yes	yes	no
2670156	29th St	29th St	yes	112.43	151.80	154.28	39.38	41.85	2.47	yes	yes	yes
2670157	0	0	0	10.73	12.74	12.18	2.01	1.45	-0.56	yes	yes	no
2670158	W ADAMS BLVD	W ADAMS BLVD	yes	92.89	121.95	133.41	29.06	40.52	11.46	yes	yes	yes
2670159	S NORMANDIE AVE	S NORMANDIE AVE	yes	84.07	119.51	127.98	35.44	43.91	8.47	yes	yes	yes
2670160	S VERMONT AVE	S VERMONT AVE	yes	99.63	115.04	124.85	15.41	25.22	9.81	yes	yes	yes
2670161	0	0	0	1.98	2.24	1.94	0.26	-0.04	-0.30	no	no	no
2670163	W ADAMS BLVD	W ADAMS BLVD	yes	26.75	26.03	25.93	-0.72	-0.82	-0.10	no	no	no
2670164	W 23RD ST	W 23RD ST	yes	2.99	4.66	4.42	1.67	1.43	-0.24	yes	yes	no
2670168	0	0	0	12.51	19.77	19.27	7.26	6.76	-0.50	yes	yes	no
2670171	0	0	0	7.51	8.34	8.19	0.83	0.68	-0.15	no	no	no
2670183	W ADAMS BLVD	W ADAMS BLVD	yes	12.96	13.32	10.77	0.35	-2.19	-2.54	no	no	no
2670186	W ADAMS BLVD	W ADAMS BLVD	yes	9.83	7.89	5.55	-1.94	-4.28	-2.34	no	no	no
2670187	W ADAMS BLVD	W ADAMS BLVD	yes	103.62	134.69	145.58	31.07	41.96	10.90	yes	yes	yes
2670203	W 27TH ST	W 27TH ST	yes	47.42	61.69	56.13	14.28	8.72	-5.56	yes	yes	no
2670233	0	0	0	27.50	35.83	34.75	8.33	7.24	-1.08	yes	yes	no
2670234	0	0	0	49.43	62.84	61.79	13.41	12.36	-1.05	yes	yes	no
2670235	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	2,981.32	3,837.13	3,941.73	855.81	960.41	104.60	yes	yes	yes
2670236	S LA BREA AVE	S LA BREA AVE	yes	8,677.49	11,812.47	11,180.76	3,134.98	2,503.27	-631.71	yes	yes	no
2670237	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,561.04	4,920.52	4,876.23	1,359.48	1,315.18	-44.29	yes	yes	no
2670239	0	0	0	62.88	78.29	76.98	15.41	14.10	-1.31	yes	yes	no
2670241	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	369.73	510.16	436.70	140.43	66.97	-73.46	yes	yes	no
2670242	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,494.69	5,242.82	5,167.35	1,748.13	1,672.66	-75.47	yes	yes	no
2670243	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	4.23	7.63	6.49	3.40	2.26	-1.14	yes	yes	no
2670245	LA TIJERA BLVD	LA TIJERA BLVD	yes	13,731.90	19,745.30	17,033.39	6,013.40	3,301.50	-2,711.91	yes	yes	no
2670246	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,554.97	4,749.49	5,670.71	1,194.52	2,115.73	921.22	yes	yes	yes
2670247	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	4,612.21	5,791.16	6,554.36	1,178.96	1,942.15	763.19	yes	yes	yes
2670248	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	73.16	91.35	77.21	18.19	4.05	-14.14	yes	yes	no
2670249	0	0	0	20.63	26.75	25.76	6.12	5.14	-0.99	yes	yes	no
2670250	W 80TH ST	W 80TH ST	yes	7.34	13.02	10.58	5.68	3.24	-2.44	yes	yes	no
2670253	LINCOLN BLVD	LINCOLN BLVD	yes	13,366.79	17,075.63	15,462.86	3,708.84	2,096.06	-1,612.77	yes	yes	no
2670255	W CENTINELA AVE	W CENTINELA AVE	yes	705.73	963.68	833.65	257.95	127.92	-130.02	yes	yes	no
2670256	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2670257	GLENCOE AVE	GLENCOE AVE	yes	250.46	316.66	280.27	66.20	29.81	-36.39	yes	yes	no
2670258	WASHINGTON BLVD	WASHINGTON BLVD	yes	6.69	9.15	10.18	2.45	3.49	1.04	yes	yes	yes
2670261	W CENTURY BLVD	W CENTURY BLVD	yes	46,587.89	64,091.18	55,639.69	17,503.28	9,051.80	-8,451.48	yes	yes	no
2670262	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	6,610.92	7,955.10	17,118.47	1,344.18	10,507.55	9,163.37	yes	yes	yes
2670263	AVIATION BLVD	AVIATION BLVD	yes	6,890.08	8,656.86	17,556.90	1,766.78	10,666.82	8,900.05	yes	yes	yes
2670266	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	720.28	835.03	825.59	114.76	105.31	-9.44	yes	yes	no
2670427	SHORT AVE	SHORT AVE	yes	3.78	25.31	17.22	21.53	13.45	-8.09	yes	yes	no
2670428	0	0	0	23.59	38.48	38.41	14.89	14.82	-0.06	yes	yes	no
2670429	MESMER AVE	MESMER AVE	yes	1,582.90	1,963.45	1,247.56	380.55	-335.34	-715.89	yes	no	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2670431	0	0	yes	32.83	33.16	30.62	0.53	-2.02	-2.54	no	no	no
2670435	0	0	yes	18.86	28.26	27.23	9.39	8.37	-1.03	yes	yes	no
2670436	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2670437	BRADDOCK DR	BRADDOCK DR	yes	27.20	31.36	28.71	4.17	1.51	-2.65	yes	yes	no
2670438	S CENTINELA AVE	S CENTINELA AVE	yes	175.51	264.88	240.62	89.36	65.11	-24.26	yes	yes	no
2670439	CULVER BLVD	CULVER BLVD	yes	277.51	366.90	356.82	89.39	79.31	-10.08	yes	yes	no
2670440	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	496.01	759.45	658.24	263.45	162.23	-101.22	yes	yes	no
2670441	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	517.21	721.97	684.15	204.76	166.94	-37.82	yes	yes	no
2670442	LOUISE AVE	LOUISE AVE	yes	0.40	0.51	0.34	0.12	-0.06	-0.17	no	no	no
2670444	0	0	yes	8.11	16.86	16.53	8.42	-0.33	-0.33	yes	yes	no
2670445	LINCOLN BLVD	LINCOLN BLVD	yes	6,689.96	8,413.16	7,576.67	1,723.21	886.71	-836.49	yes	yes	no
2670446	ROSE AVE	ROSE AVE	yes	1.36	0.85	1.13	-0.51	-0.23	0.28	no	no	no
2670450	CALIFORNIA AVE	CALIFORNIA AVE	yes	3.16	13.39	13.64	10.23	10.47	0.24	yes	yes	no
2670451	LINCOLN BLVD	LINCOLN BLVD	yes	6,607.42	8,276.80	7,452.21	1,669.37	844.78	-824.59	yes	yes	no
2670452	MILWOOD AVE	MILWOOD AVE	yes	0.02	0.12	0.03	0.10	0.01	-0.09	no	no	no
2670454	LINCOLN BLVD	LINCOLN BLVD	yes	7,191.26	9,010.05	8,175.58	1,818.79	984.32	-834.47	yes	yes	no
2670455	0	0	yes	2.67	2.69	3.79	0.02	1.12	1.10	yes	yes	yes
2670456	0	0	yes	2.25	3.08	3.21	0.83	0.97	0.13	no	no	no
2670457	0	0	yes	6.23	6.34	7.55	1.13	1.32	1.20	yes	yes	yes
2670458	PALMS BLVD	PALMS BLVD	yes	37.09	41.51	41.95	4.42	4.86	0.44	yes	yes	no
2670459	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2670460	VENICE BLVD	VENICE BLVD	yes	8.89	10.91	11.95	2.02	3.06	1.04	yes	yes	yes
2670461	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2670462	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2670463	VENICE BLVD	VENICE BLVD	yes	3.92	4.32	4.26	0.40	0.34	-0.06	no	no	no
2670464	VENICE BLVD	VENICE BLVD	yes	5.88	7.79	8.31	1.91	2.43	0.51	yes	yes	no
2670465	VENICE BLVD	VENICE BLVD	yes	7.71	7.94	9.41	0.24	1.71	1.47	yes	yes	yes
2670466	VENICE BLVD	VENICE BLVD	yes	9.05	10.72	10.43	1.68	1.39	-0.29	yes	yes	no
2670467	VENICE BLVD	VENICE BLVD	yes	21.01	20.93	29.01	-0.08	8.00	8.08	no	yes	yes
2670468	VENICE BLVD	VENICE BLVD	yes	4.72	5.16	5.06	0.44	0.34	-0.10	no	no	no
2670469	0	0	yes	14.92	17.86	17.38	2.94	2.46	-0.48	yes	yes	no
2670470	VENICE BLVD	VENICE BLVD	yes	13.16	16.37	15.89	3.20	2.72	-0.48	yes	yes	no
2672584	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	286.02	375.32	440.68	89.31	154.66	65.36	yes	yes	yes
2672590	WASHINGTON BLVD	WASHINGTON BLVD	yes	9.51	0.87	1.14	-8.64	-8.37	0.27	no	no	no
2672591	PALAWAN WAY	PALAWAN WAY	yes	2,439.30	2,979.46	2,809.38	540.16	370.08	-170.08	yes	yes	no
2672592	ADMIRALTY WAY	ADMIRALTY WAY	yes	5,878.33	7,673.94	7,062.60	1,795.61	1,184.27	-611.34	yes	yes	no
2672593	LINCOLN BLVD	LINCOLN BLVD	yes	7,197.84	9,016.03	8,181.00	1,818.19	983.15	-835.04	yes	yes	no
2672594	GLENCOE AVE	GLENCOE AVE	yes	255.25	323.02	286.17	67.78	30.92	-36.86	yes	yes	no
2672595	MAXELLA AVE	MAXELLA AVE	yes	297.14	379.12	334.64	81.98	37.50	-44.48	yes	yes	no
2672596	BALL WAY	BALL WAY	yes	2,415.28	3,217.03	2,937.94	801.74	522.66	-279.09	yes	yes	no
2672597	TEALE ST	TEALE ST	yes	23.95	228.44	211.40	204.49	187.45	-17.04	yes	yes	no
2672598	LINCOLN BLVD	LINCOLN BLVD	yes	13,366.79	17,075.63	15,462.86	3,708.84	2,096.06	-1,612.77	yes	yes	no
2672599	LINCOLN BLVD	LINCOLN BLVD	yes	13,390.75	17,304.08	15,674.26	3,913.33	2,283.52	-1,629.81	yes	yes	no
2672600	LMU DR	LMU DR	yes	435.96	506.72	510.22	70.77	74.26	3.49	yes	yes	yes
2672602	W 80TH ST	W 80TH ST	yes	13.57	17.20	15.58	3.63	2.01	-1.62	yes	yes	no
2672603	LOYOLA BLVD	LOYOLA BLVD	yes	27.64	85.01	71.52	57.36	43.88	-13.49	yes	yes	no
2672604	LA TIJERA BLVD	LA TIJERA BLVD	yes	33.03	16.56	30.23	-16.47	-2.80	13.67	no	no	yes
2672605	LINCOLN BLVD	LINCOLN BLVD	yes	7,504.47	9,618.99	9,009.31	2,114.53	1,504.84	-609.69	yes	yes	no
2672606	LOYOLA BLVD	LOYOLA BLVD	yes	360.08	433.05	280.25	72.97	-79.84	-152.80	yes	no	no
2672607	LINCOLN BLVD	LINCOLN BLVD	no	6,434.77	8,273.62	7,885.01	1,838.85	7,885.01	7,885.01	yes	yes	yes
2672608	W 74TH ST	W 74TH ST	yes	453.03	578.31	406.47	125.28	-46.56	-171.84	yes	no	no
2672609	AIRPORT BLVD	AIRPORT BLVD	yes	436.09	479.69	363.65	43.60	-72.44	-116.04	yes	no	no
2672610	76TH ST	76TH ST	yes	70.93	42.81	51.78	-28.12	-19.15	8.97	no	no	yes
2672611	W 76TH ST	W 76TH ST	yes	13.64	13.82	16.05	0.19	2.22	2.01	no	yes	yes
2672612	W 80TH ST	W 80TH ST	yes	345.25	441.89	431.33	96.64	86.08	-10.56	yes	yes	no
2672613	79TH ST	79TH ST	yes	185.83	246.04	374.68	60.22	188.85	128.63	yes	yes	yes
2672614	LA TIJERA BLVD	LA TIJERA BLVD	yes	8,007.58	10,882.84	9,743.16	2,875.26	1,735.58	-1,139.68	yes	yes	no
2672615	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	25,838.49	33,473.74	29,309.04	7,635.25	3,470.55	-4,164.70	yes	yes	no
2672616	79TH ST	79TH ST	yes	344.84	442.55	434.99	97.71	90.15	-7.56	yes	yes	no
2672617	W 96TH ST	W 96TH ST	yes	4,674.94	4,968.61	641.68	293.67	-4,033.25	-4,326.93	yes	no	no
2672618	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	15,794.02	26,091.86	18,343.07	10,297.84	2,549.05	-7,748.79	yes	yes	no
2672619	no link	W 98TH ST	check	0.00	0.00	18,466.39	0.00	18,466.39	18,466.39	no	yes	yes
2672620	W 98TH ST	W 98TH ST	yes	1,957.13	3,464.93	24,897.93	1,507.80	22,940.80	21,433.00	yes	yes	yes
2672621	AIRPORT BLVD	AIRPORT BLVD	yes	10,153.41	11,227.19	16,180.28	1,073.78	6,026.88	4,953.09	yes	yes	yes
2672622	VICKSBURG AVE	VICKSBURG AVE	yes	6,150.05	9,850.37	6,413.75	3,700.33	263.71	-3,436.62	yes	yes	no
2672623	W 98TH ST	W 98TH ST	yes	3,371.10	5,793.64	8,110.72	2,422.54	4,739.62	2,317.08	yes	yes	yes
2672624	AVIATION BLVD	AVIATION BLVD	yes	20,712.71	27,243.50	25,225.19	6,530.80	4,512.48	-2,018.31	yes	yes	no
2672625	W 102ND ST	W 102ND ST	yes	3,806.45	3,861.53	2,647.97	55.09	-1,158.48	-1,213.57	yes	no	no
2672626	AVIATION BLVD	AVIATION BLVD	yes	18,049.50	24,416.26	23,403.56	6,366.76	5,354.06	-1,012.70	yes	yes	no
2672627	W 104TH ST	W 104TH ST	yes	3,619.07	6,541.81	3,650.72	2,922.73	31.65	-2,891.08	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2672628	W CENTURY BLVD	W CENTURY BLVD	yes	41,724.23	59,127.89	49,493.39	17,403.66	7,769.16	-9,634.49	yes	yes	no
2672629	GLASGOW PL	GLASGOW PL	yes	6,244.76	6,965.49	7,313.24	720.73	1,068.48	347.75	yes	yes	yes
2672630	GLASGOW PL	GLASGOW PL	yes	8,905.34	9,788.57	9,133.92	883.23	228.58	-654.65	yes	yes	no
2672631	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	2,923.47	5,076.31	8,936.73	2,152.85	6,013.26	3,860.42	yes	yes	yes
2672632	W 104TH ST	W 104TH ST	yes	11,964.47	14,964.49	12,026.72	3,000.02	62.25	-2,937.77	yes	yes	no
2672633	E MARIPOSA AVE	E MARIPOSA AVE	yes	883.90	1,208.91	1,061.33	325.01	177.44	-147.58	yes	yes	no
2672634	E MARIPOSA AVE	E MARIPOSA AVE	yes	480.74	626.00	613.27	145.26	132.52	-12.74	yes	yes	no
2672635	AIRPORT BLVD	AIRPORT BLVD	yes	12,099.73	17,166.09	14,938.25	5,066.36	2,838.52	-2,227.84	yes	yes	no
2672636	W 83RD ST	W 83RD ST	yes	707.11	788.66	321.56	81.54	-385.55	-467.09	yes	no	no
2672637	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	4,654.34	4,672.71	5,286.12	18.36	631.78	613.42	yes	yes	yes
2672638	OSAGE AVE	OSAGE AVE	yes	2,671.63	3,018.18	2,980.69	346.55	309.06	-37.49	yes	yes	no
2672639	W 83RD ST	W 83RD ST	yes	519.53	188.24	31.98	-331.29	-487.55	-156.26	no	no	no
2672640	WASHINGTON BLVD	WASHINGTON BLVD	yes	28.61	31.77	30.84	3.15	2.23	-0.93	yes	yes	no
2672641	ELANDA ST	ELANDA ST	yes	35.14	44.35	42.53	9.21	7.39	-1.82	yes	yes	no
2672642	0	0	yes	104.85	133.52	131.34	28.67	26.49	-2.18	yes	yes	no
2672644	PACIFIC AVE	PACIFIC AVE	yes	355.57	771.82	654.57	416.25	299.00	-117.25	yes	yes	no
2672645	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	95.79	105.97	128.97	10.18	33.19	23.01	yes	yes	yes
2672646	N VENICE BLVD	N VENICE BLVD	yes	23.06	29.39	28.54	6.33	5.48	-0.85	yes	yes	no
2672649	ALLA RD	ALLA RD	yes	22.40	28.15	27.35	5.75	4.95	-0.80	yes	yes	no
2672650	MINDANAO WAY	MINDANAO WAY	yes	9.21	32.62	24.22	23.41	15.01	-8.40	yes	yes	no
2672651	0	0	yes	0.06	0.08	0.04	0.01	-0.03	-0.04	no	no	no
2672652	0	0	yes	3.25	4.55	4.18	1.31	0.93	-0.37	yes	no	no
2672653	MACONELL AVE	MACONELL AVE	yes	0.06	0.08	0.04	0.01	-0.03	-0.04	no	no	no
2672654	CULVER BLVD	CULVER BLVD	yes	700.72	874.06	815.87	173.34	115.15	-58.19	yes	yes	no
2672656	0	0	yes	83.64	106.75	104.03	23.11	20.39	-2.72	yes	yes	no
2672657	PACIFIC AVE	PACIFIC AVE	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672658	VIA MARINA	VIA MARINA	yes	83.64	106.75	104.03	23.11	20.39	-2.72	yes	yes	no
2672660	LINCOLN BLVD	LINCOLN BLVD	yes	13,606.17	17,353.26	15,804.94	3,747.08	2,198.77	-1,548.32	yes	yes	no
2672661	0	0	yes	185.84	237.94	234.13	52.10	48.29	-3.81	yes	yes	no
2672663	0	0	yes	9.65	12.25	11.72	2.60	2.07	-0.53	yes	yes	no
2672664	0	0	yes	0.08	0.21	0.23	0.13	0.14	0.01	no	no	no
2672665	0	0	yes	30.26	37.85	36.75	7.59	6.49	-1.10	yes	yes	no
2672666	ELANDA ST	ELANDA ST	yes	4.88	6.51	5.78	1.63	0.90	-0.72	yes	no	no
2672667	CULVER BLVD	CULVER BLVD	yes	262.41	330.14	329.86	67.73	67.44	-0.29	yes	yes	no
2672668	0	0	yes	0.07	0.17	0.16	0.11	0.09	-0.01	no	no	no
2672669	0	0	yes	0.88	0.74	1.17	-0.13	0.29	0.43	no	no	no
2672670	0	0	yes	12.69	15.96	15.01	3.27	2.32	-0.95	yes	yes	no
2672671	OVERLAND AVE	OVERLAND AVE	yes	2,144.34	2,937.74	2,562.05	793.41	417.71	-375.69	yes	yes	no
2672672	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672673	VINTON AVE	VINTON AVE	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672674	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672675	BRADDOCK DR	BRADDOCK DR	yes	26.56	67.45	51.66	40.89	25.10	-15.79	yes	yes	no
2672676	VINTON AVE	VINTON AVE	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672677	0	0	yes	4.67	5.24	4.73	0.57	0.06	-0.51	no	no	no
2672679	DUQUESNE AVE	DUQUESNE AVE	yes	29.80	54.70	51.86	24.90	22.06	-2.84	yes	yes	no
2672680	BRADDOCK DR	BRADDOCK DR	yes	21.89	62.21	46.93	40.32	25.04	-15.28	yes	yes	no
2672681	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672682	SOPHOMORE DR	SOPHOMORE DR	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672683	0	0	yes	27.83	34.75	33.73	6.92	5.90	-1.02	yes	yes	no
2672684	OVERLAND AVE	OVERLAND AVE	yes	940.03	1,341.65	1,186.57	401.61	246.54	-155.07	yes	yes	no
2672685	0	0	yes	5.30	7.68	6.80	2.38	1.50	-0.88	yes	yes	no
2672686	0	0	yes	21.58	29.62	25.96	8.04	4.38	-3.66	yes	yes	no
2672687	0	0	yes	1.07	0.41	0.39	-0.66	-0.68	-0.02	no	no	no
2672688	FOX HILLS DR	FOX HILLS DR	yes	17.97	35.84	28.88	17.87	10.92	-6.95	yes	yes	no
2672689	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	6,632.74	8,876.23	7,698.37	2,243.49	1,065.63	-1,177.86	yes	yes	no
2672690	SLAUSON AVE	SLAUSON AVE	yes	62.66	71.31	56.48	8.65	-6.18	-14.83	yes	no	no
2672691	0	0	yes	0.12	0.17	0.14	0.06	0.02	-0.03	no	no	no
2672692	HANNUM AVE	HANNUM AVE	yes	4.07	11.38	10.72	7.31	6.65	-0.67	yes	yes	no
2672693	S CENTINELA AVE	S CENTINELA AVE	yes	175.82	288.53	242.09	112.71	66.27	-46.44	yes	yes	no
2672694	0	0	yes	21.08	21.55	18.99	0.46	-2.09	-2.55	no	no	no
2672695	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	538.31	808.60	705.06	270.29	166.75	-103.54	yes	yes	no
2672697	W CENTINELA AVE	W CENTINELA AVE	yes	2,280.73	2,923.82	2,078.14	643.09	-202.59	-845.68	yes	no	no
2672701	0	0	yes	40.40	50.37	48.05	9.97	7.64	-2.32	yes	yes	no
2672702	W SLAUSON AVE	W SLAUSON AVE	yes	81.67	64.51	67.91	-17.16	-13.76	3.40	no	no	yes
2672703	W CENTINELA AVE	W CENTINELA AVE	yes	16.79	21.39	41.19	4.60	24.41	19.80	yes	yes	yes
2672704	BRADLEY PL	BRADLEY PL	yes	7,715.67	10,353.85	10,008.18	2,638.18	2,292.51	-345.67	yes	yes	no
2672705	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	8,715.10	11,672.44	11,228.55	2,957.33	2,513.44	-443.89	yes	yes	no
2672706	BRADLEY PL	BRADLEY PL	yes	33.20	41.23	39.92	8.04	6.72	-1.31	yes	yes	no
2672707	0	0	yes	42.33	52.06	50.37	9.74	8.04	-1.70	yes	yes	no
2672708	0	0	yes	22.99	28.84	28.03	5.85	5.04	-0.81	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	
2672710		0	0	yes	0.06	0.05	0.06	-0.01	0.01	0.02	no	no	no
2672711	W 59TH ST	W 59TH ST	0	yes	4,692.90	6,868.89	6,624.94	2,175.98	1,932.03	-243.95	yes	yes	no
2672712	W SLAUSON AVE	W SLAUSON AVE	0	yes	321.99	596.55	476.77	274.56	154.78	-119.78	yes	yes	no
2672714		0	0	yes	145.96	183.75	180.43	37.79	34.47	-3.31	yes	yes	no
2672715		0	0	yes	59.58	74.86	73.13	15.28	13.55	-1.73	yes	yes	no
2672717	S LA BREA AVE	S LA BREA AVE	0	yes	4,146.49	6,436.58	6,232.95	2,290.08	2,086.45	-203.63	yes	yes	no
2672718		0	0	yes	98.03	123.80	120.97	25.76	22.94	-2.82	yes	yes	no
2672719	OVERHILL DR	OVERHILL DR	0	yes	413.14	607.93	502.28	194.79	89.14	-105.65	yes	yes	no
2672720	OVERHILL DR	OVERHILL DR	0	yes	2.50	1.68	2.63	-0.82	0.13	0.95	no	no	no
2672721	ANGELES VISTA BLVD	ANGELES VISTA BLVD	0	yes	1,456.44	1,735.18	1,511.24	278.74	54.80	-223.94	yes	yes	no
2672722	ANGELES VISTA BLVD	ANGELES VISTA BLVD	0	yes	1,294.96	1,537.61	1,316.48	242.64	21.52	-221.13	yes	yes	no
2672723		0	0	yes	98.06	119.28	117.58	21.22	19.52	-1.70	yes	yes	no
2672724		0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672725		0	0	yes	10.61	17.50	16.51	6.89	5.90	-0.99	yes	yes	no
2672726	W SLAUSON AVE	W SLAUSON AVE	0	yes	8.22	13.17	12.85	4.95	4.63	-0.32	yes	yes	no
2672727	ANGELES VISTA BLVD	ANGELES VISTA BLVD	0	yes	1,294.96	1,537.61	1,316.48	242.64	21.52	-221.13	yes	yes	no
2672728		0	0	yes	344.97	438.43	431.49	93.46	86.52	-6.94	yes	yes	no
2672729		0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672731	LOYOLA BLVD	LOYOLA BLVD	0	yes	34.89	93.47	79.04	58.58	44.15	-14.43	yes	yes	no
2672733	W 76TH ST	W 76TH ST	0	yes	0.28	3.65	1.55	3.37	1.26	-2.10	yes	yes	no
2672734	W 80TH ST	W 80TH ST	0	yes	366.68	473.10	462.42	106.42	95.74	-10.68	yes	yes	no
2672735		0	0	yes	441.42	563.38	552.63	121.96	111.21	-10.75	yes	yes	no
2672737	W MANCHESTER AVE	W MANCHESTER AVE	0	yes	965.19	1,286.73	694.00	321.54	-271.18	-592.72	yes	no	no
2672738	W 80TH PL	W 80TH PL	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672739		0	0	yes	357.44	457.14	449.26	99.70	91.82	-7.89	yes	yes	no
2672740		0	0	yes	333.63	422.75	411.77	89.11	78.14	-10.98	yes	yes	no
2672742		0	0	yes	0.00	0.12	0.58	0.12	0.58	0.46	no	no	no
2672747		0	0	yes	404.43	511.38	500.62	106.95	96.19	-10.76	yes	yes	no
2672748	79TH ST	79TH ST	0	yes	14.49	22.32	21.33	7.83	6.84	-0.99	yes	yes	no
2672749	SEPULVEDA BLVD	SEPULVEDA BLVD	0	yes	26,615.34	34,497.38	30,163.78	7,882.04	3,548.45	-4,333.59	yes	yes	no
2672750	W 83RD ST	W 83RD ST	0	yes	9.68	16.79	1.65	7.11	-8.03	-15.14	yes	no	no
2672751	W MANCHESTER AVE	W MANCHESTER AVE	0	yes	1,200.81	1,577.97	936.96	377.16	-263.85	-641.01	yes	no	no
2672752	EMERSON AVE	EMERSON AVE	0	yes	382.05	504.40	486.52	122.35	104.47	-17.88	yes	yes	no
2672753	SEPULVEDA BLVD	SEPULVEDA BLVD	0	yes	26,976.60	34,952.70	30,574.75	7,976.09	3,598.14	-4,377.95	yes	yes	no
2672754	W MANCHESTER AVE	W MANCHESTER AVE	0	yes	667.03	794.75	731.83	127.72	64.80	-62.92	yes	yes	no
2672755	CULVER BLVD	CULVER BLVD	0	yes	2,656.44	3,087.63	3,056.92	431.19	400.47	-30.72	yes	yes	no
2672756	W MANCHESTER AVE	W MANCHESTER AVE	0	yes	667.03	794.75	731.83	127.72	64.80	-62.92	yes	yes	no
2672758		0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672760		0	0	yes	306.67	375.26	397.01	68.59	90.34	21.75	yes	yes	yes
2672761	SAINT BERNARD ST	SAINT BERNARD ST	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2672762	EMERSON AVE	EMERSON AVE	0	yes	457.87	614.07	638.24	156.20	180.37	24.17	yes	yes	yes
2672763	WESTCHESTER PKY	WESTCHESTER PKY	0	yes	1,676.29	2,211.92	2,261.60	535.62	585.31	49.69	yes	yes	yes
2672767		0	0	yes	617.80	827.08	794.42	209.28	176.62	-32.66	yes	yes	no
2672770		0	0	yes	432.97	564.24	539.69	131.27	106.72	-24.55	yes	yes	no
2672772	W 83RD ST	W 83RD ST	0	yes	52.40	69.61	90.86	17.21	38.46	21.25	yes	yes	yes
2672773	79TH ST	79TH ST	0	yes	586.85	737.88	658.18	151.03	71.34	-79.69	yes	yes	no
2672774	76TH ST	76TH ST	0	yes	34.11	35.03	34.08	0.92	-0.03	-0.95	no	no	no
2672775	W 74TH ST	W 74TH ST	0	yes	453.03	578.31	406.47	125.28	-46.56	-171.84	yes	no	no
2672776	AIRPORT BLVD	AIRPORT BLVD	0	yes	506.52	520.93	410.59	14.41	-95.93	-110.34	yes	no	no
2672777	LA TIJERA BLVD	LA TIJERA BLVD	0	yes	18,844.16	26,543.27	23,041.30	7,699.11	4,197.13	-3,501.97	yes	yes	no
2672778	W 74TH ST	W 74TH ST	0	yes	17.57	100.49	47.96	82.93	30.39	-52.53	yes	yes	no
2672779		0	0	yes	280.06	354.84	343.32	74.78	63.26	-11.52	yes	yes	no
2672780		0	0	yes	0.02	0.00	0.00	-0.02	-0.02	0.00	no	no	no
2672781		0	0	yes	190.24	239.29	234.58	49.05	44.34	-4.71	yes	yes	no
2672782	W MANCHESTER AVE	W MANCHESTER AVE	0	yes	9,857.25	12,197.18	5,680.44	2,339.93	-4,176.82	-6,516.75	yes	no	no
2672783		0	0	yes	0.84	2.32	0.92	1.49	0.08	-1.41	yes	no	no
2672785	OSAGE AVE	OSAGE AVE	0	yes	2,393.45	2,666.00	2,639.51	272.55	246.06	-26.49	yes	yes	no
2672786	W 83RD ST	W 83RD ST	0	yes	706.27	786.36	320.65	80.09	-385.63	-465.71	yes	no	no
2672788	W 83RD ST	W 83RD ST	0	yes	815.84	791.76	510.10	-24.09	-305.74	-281.66	no	no	no
2672789	OSAGE AVE	OSAGE AVE	0	yes	2,393.45	2,666.00	2,639.51	272.55	246.06	-26.49	yes	yes	no
2672790	W FLORENCE AVE	W FLORENCE AVE	0	yes	14,483.46	19,468.27	14,278.45	4,984.80	-205.01	-5,189.81	yes	no	no
2672791	Hindry Ave	Hindry Ave	0	yes	576.29	834.15	503.84	257.86	-72.45	-330.32	yes	no	no
2672793		0	0	yes	110.08	131.63	121.23	21.56	11.16	-10.40	yes	yes	no
2672794		0	0	yes	1.56	1.14	1.25	-0.42	-0.30	0.12	no	no	no
2672795	W BEACH AVE	W BEACH AVE	0	yes	0.09	0.57	1.54	0.48	1.45	0.97	no	yes	no
2672796	W BEACH AVE	W BEACH AVE	0	yes	6.68	337.18	339.59	330.50	332.91	2.41	yes	yes	yes
2672801	WESTCHESTER PKY	WESTCHESTER PKY	0	yes	984.47	1,862.76	1,463.25	878.29	478.78	-399.51	yes	yes	no
2672802	JENNY AVE	JENNY AVE	0	yes	711.76	2,054.27	349.57	1,342.51	-362.19	-1,704.70	yes	no	no
2672803	W 96TH ST	W 96TH ST	0	yes	5,851.09	12,700.86	4,904.01	6,849.77	-947.08	-7,796.85	yes	no	no
2672804		0	0	yes	19.37	27.92	23.03	8.55	3.66	-4.89	yes	yes	no

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2672805			0 yes	1.23	1.58	2.43	0.35	1.20	0.84	no	yes	no
2672806	WILEY POST AVE	WILEY POST AVE	yes	1,250.91	2,490.85	1,452.11	1,239.94	201.20	-1,038.74	yes	yes	no
2672807	LA TIJERA BLVD	LA TIJERA BLVD	yes	7,869.66	9,968.53	8,801.23	2,098.87	931.57	-1,167.30	yes	yes	no
2672808	W 96TH ST	W 96TH ST	yes	5,744.73	12,847.19	4,904.01	7,102.46	-840.72	-7,943.19	yes	no	no
2672809			0 yes	30.47	40.43	36.67	9.96	6.20	-3.76	yes	yes	no
2672810	W 98TH ST	W 98TH ST	yes	1,318.97	2,732.43	24,897.93	1,413.46	23,578.96	22,165.50	yes	yes	yes
2672811			0 yes	453.66	655.01	819.67	201.35	366.02	164.67	yes	yes	yes
2672812			0 yes	274.57	271.23	123.21	-3.34	-151.37	-148.03	no	no	no
2672813	AIRPORT BLVD	AIRPORT BLVD	yes	19,976.67	26,700.80	20,509.13	6,724.13	532.46	-6,191.67	yes	yes	no
2672814	ARBOR VITAE ST	ARBOR VITAE ST	yes	7,139.72	10,851.39	6,116.64	3,711.67	-1,023.07	-4,734.74	yes	no	no
2672815			0 yes	41.63	52.48	34.69	10.85	-6.93	-17.78	yes	no	no
2672816			0 yes	60.49	68.12	50.10	7.63	-10.39	-18.01	yes	no	no
2672817			0 yes	471.50	618.49	640.57	147.00	169.08	22.08	yes	yes	yes
2672818	W CENTURY BLVD	W CENTURY BLVD	yes	4,343.18	4,428.38	19,030.14	85.19	14,686.96	14,601.77	yes	yes	yes
2672819	W 96TH ST	W 96TH ST	yes	1,194.45	1,244.87	1,073.88	50.42	-120.57	-170.99	yes	no	no
2672822			0 yes	146.29	186.53	184.76	40.24	38.46	-1.78	yes	yes	no
2672824			0 yes	0.09	0.07	0.09	-0.02	-0.01	0.02	no	no	no
2672825			0 yes	82.34	103.00	99.06	20.66	16.72	-3.94	yes	yes	no
2672826			0 yes	13.58	15.13	10.00	1.55	-3.58	-5.14	yes	no	no
2672827			0 yes	0.01	0.02	0.01	0.00	-0.01	-0.01	no	no	no
2672828			0 yes	3.89	4.57	0.99	0.68	-2.89	-3.57	no	no	no
2672829			0 yes	0.01	0.01	0.00	0.00	-0.01	-0.01	no	no	no
2672830	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	3,777.55	5,513.91	2,959.90	1,736.36	-817.65	-2,554.00	yes	no	no
2672831	AVIATION BLVD	AVIATION BLVD	yes	8,477.85	12,365.11	11,393.76	3,887.26	2,915.91	-971.35	yes	yes	no
2672832	W HILLCREST BLVD	W HILLCREST BLVD	yes	1,855.16	2,989.59	778.10	1,134.42	-1,077.07	-2,211.49	yes	no	no
2672834			0 yes	45.73	57.28	57.01	11.55	11.28	-0.27	yes	yes	no
2672835	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,111.07	3,046.03	4,705.48	934.97	2,594.41	1,659.44	yes	yes	yes
2672836	W HILLCREST BLVD	W HILLCREST BLVD	yes	1,139.54	1,708.00	2,641.42	568.47	1,501.88	933.41	yes	yes	yes
2672837	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	23.73	25.11	1.27	1.38	-22.46	-23.84	yes	no	no
2672838	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	0.15	1.09	0.57	0.94	0.43	-0.52	no	no	no
2672839	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	87.44	128.75	68.15	41.31	-19.29	-60.60	yes	no	no
2672840	W REGENT ST	W REGENT ST	yes	2,824.64	4,750.34	4,305.89	1,925.70	1,481.25	-444.45	yes	yes	no
2672841			0 yes	4.74	5.15	0.49	0.41	-4.25	-4.66	no	no	no
2672842			0 yes	0.00	0.01	0.00	0.01	0.00	-0.01	no	no	no
2672843			0 yes	2.80	3.24	0.86	0.44	-1.94	-2.37	no	no	no
2672844			0 yes	18.82	30.28	32.11	11.47	13.29	1.82	yes	yes	yes
2672846	S EUCALYPTUS AVE	S EUCALYPTUS AVE	yes	11.89	16.17	73.25	4.28	61.36	57.08	yes	yes	yes
2672847	S LA BREA AVE	S LA BREA AVE	yes	21.38	93.89	77.26	72.51	55.87	-16.63	yes	yes	no
2672848			0 yes	12.15	15.27	15.83	3.11	3.68	0.56	yes	yes	no
2672849	S EUCALYPTUS AVE	S EUCALYPTUS AVE	yes	1.80	5.49	5.29	3.49	3.49	-0.20	yes	yes	no
2672850	S GREVILLEA AVE	S GREVILLEA AVE	yes	12.83	31.68	424.70	18.86	411.87	393.02	yes	yes	yes
2672851	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	2.94	4.33	1.44	1.38	-1.51	-2.89	yes	no	no
2672852			0 yes	25.56	31.06	26.66	5.50	1.10	-4.40	yes	yes	no
2672853			0 yes	0.04	0.02	0.00	-0.02	-0.03	-0.01	no	no	no
2672854	W REGENT ST	W REGENT ST	yes	2,801.41	4,667.27	4,246.13	1,865.85	1,444.71	-421.14	yes	yes	no
2672857	E HYDE PARK BLVD	E HYDE PARK BLVD	yes	2,278.27	1,517.97	1,331.98	-760.31	-946.30	-185.99	no	no	no
2672858	S LA BREA AVE	S LA BREA AVE	yes	22.59	107.39	121.21	84.80	98.62	13.82	yes	yes	yes
2672859	CENTINELA AVE	CENTINELA AVE	yes	4.51	2.84	2.78	-1.67	-1.72	-0.05	no	no	no
2672860	N HILLCREST BLVD	N HILLCREST BLVD	yes	12.13	14.50	33.63	2.36	21.49	19.13	yes	yes	yes
2672861	N PRAIRIE AVE	N PRAIRIE AVE	yes	313.78	816.23	2,646.98	502.45	2,333.20	1,830.75	yes	yes	yes
2672863			0 yes	26.65	22.61	19.60	-4.04	-7.05	-3.01	no	no	no
2672864			0 yes	19.14	34.25	32.87	15.11	13.73	-1.38	yes	yes	no
2672865	E HILLCREST BLVD	E HILLCREST BLVD	yes	522.14	1,237.12	3,318.36	714.99	2,796.23	2,081.24	yes	yes	yes
2672866	S MARKET ST	S MARKET ST	yes	181.96	74.35	857.16	-107.61	675.20	782.81	no	yes	yes
2672867	N HILLCREST BLVD	N HILLCREST BLVD	yes	383.34	902.28	2,749.02	518.93	2,365.68	1,846.75	yes	yes	yes
2672868			0 yes	13.18	19.26	1.54	6.08	-11.65	-17.73	yes	no	no
2672869			0 yes	66.56	81.52	86.40	14.95	19.83	4.88	yes	yes	yes
2672870	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	192.15	424.19	676.69	232.04	484.54	252.50	yes	yes	yes
2672873			0 yes	0.00	0.05	0.00	0.05	0.00	-0.05	no	no	no
2672874			0 yes	38.45	47.80	52.05	9.35	13.60	4.24	yes	yes	yes
2672875	W CENTURY BLVD	W CENTURY BLVD	yes	9,343.95	17,788.76	19,432.36	8,444.81	10,088.41	1,643.60	yes	yes	yes
2672876	S GREVILLEA AVE	S GREVILLEA AVE	yes	1,919.35	2,388.19	1,488.96	468.84	-430.39	-899.23	yes	no	no
2672877	S GREVILLEA AVE	S GREVILLEA AVE	yes	1,919.35	2,388.19	1,488.96	468.84	-430.39	-899.23	yes	no	no
2672878	S LA BREA AVE	S LA BREA AVE	yes	63.87	167.00	99.57	103.13	35.70	-67.43	yes	yes	no
2672879	S PRAIRIE AVE	S PRAIRIE AVE	yes	191.58	233.15	225.87	41.57	34.29	-7.28	yes	yes	no
2672880	MYRTLE AVE	MYRTLE AVE	yes	21.62	24.40	19.69	2.78	-1.93	-4.71	yes	no	no
2672881			0 yes	6.09	7.97	9.64	1.88	3.54	1.66	yes	yes	yes
2672886			0 yes	6.59	12.70	10.81	6.10	4.21	-1.89	yes	yes	no
2672892			0 yes	19.33	47.05	15.76	27.72	-3.57	-31.29	yes	no	no
2672896			0 yes	78.04	97.52	98.90	19.48	20.86	1.38	yes	yes	yes

ID	ROAD_NAME			Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP			2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2672897	0	0	yes	66.47	84.78	84.84	18.30	18.37	0.07	yes	yes	no	
2672899	0	0	yes	9.68	12.63	15.45	2.95	5.77	2.82	yes	yes	yes	
2672900	0	0	yes	12.19	14.77	14.44	2.58	2.25	-0.34	yes	yes	no	
2672901	0	0	yes	6.70	6.65	6.40	-0.05	-0.30	-0.25	no	no	no	
2672903	0	0	yes	13.46	15.60	13.91	2.14	0.46	-1.68	yes	no	no	
2672906	AVIATION BLVD	AVIATION BLVD	yes	17,872.29	21,690.98	22,561.00	3,818.69	4,688.71	870.02	yes	yes	yes	
2672907	W 104TH ST	W 104TH ST	yes	3,619.07	6,541.81	3,650.72	2,922.73	31.65	-2,891.08	yes	yes	no	
2672908	AVIATION BLVD	AVIATION BLVD	yes	20,508.46	24,460.11	14,052.11	3,951.64	-6,456.35	-10,408.00	yes	no	no	
2672912	0	0	yes	35.09	36.59	18.87	1.49	-16.22	-17.71	yes	no	no	
2672914	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	11.45	22.07	5.66	10.62	-5.80	-16.42	yes	no	no	
2672915	W CENTURY BLVD	W CENTURY BLVD	yes	9,460.07	17,951.34	19,617.35	8,491.26	10,157.28	1,666.02	yes	yes	yes	
2672916	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	132.73	192.69	234.63	59.96	101.90	41.94	yes	yes	yes	
2672918	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	60.77	101.10	139.63	40.34	78.87	38.53	yes	yes	yes	
2672919	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	65.96	203.94	144.61	137.98	78.64	-59.33	yes	yes	no	
2672920	LENNOX BLVD	LENNOX BLVD	yes	607.88	857.37	1,925.58	249.49	1,317.69	1,068.21	yes	yes	yes	
2672921	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	126.95	185.80	224.00	58.85	97.05	38.20	yes	yes	yes	
2672922	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	3,221.58	6,053.55	7,961.60	2,831.97	4,740.02	1,908.05	yes	yes	yes	
2672923	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	3,221.58	6,053.55	7,961.60	2,831.97	4,740.02	1,908.05	yes	yes	yes	
2672927	S PRAIRIE AVE	S PRAIRIE AVE	yes	489.82	676.69	624.54	186.87	134.72	-52.14	yes	yes	no	
2672928	0	0	yes	0.83	0.89	0.92	0.06	0.09	0.04	no	no	no	
2672929	S PRAIRIE AVE	S PRAIRIE AVE	yes	490.65	677.57	625.47	186.92	134.82	-52.11	yes	yes	no	
2672930	0	0	yes	0.18	0.00	0.06	-0.17	-0.12	0.05	no	no	no	
2672931	LENNOX BLVD	LENNOX BLVD	yes	353.84	452.34	466.09	98.51	112.26	13.75	yes	yes	yes	
2672932	0	0	yes	4.03	4.30	4.31	0.27	0.28	0.01	no	no	no	
2672933	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	3,369.52	6,330.11	9,296.82	2,960.59	5,927.30	2,966.71	yes	yes	yes	
2672937	0	0	yes	26.69	34.26	33.12	6.43	6.43	-1.14	yes	yes	no	
2672939	0	0	yes	49.33	58.00	55.69	8.67	6.36	-2.31	yes	yes	no	
2672944	0	0	yes	22.06	23.56	21.43	1.50	-0.63	-2.13	yes	no	no	
2672945	W 110TH ST	W 110TH ST	yes	0.02	3.92	6.78	3.90	6.76	2.86	yes	yes	yes	
2672948	0	0	yes	241.68	310.85	305.64	69.17	63.96	-5.21	yes	yes	no	
2672951	0	0	yes	22.71	27.69	26.02	4.98	3.31	-1.68	yes	yes	no	
2672958	0	0	yes	83.83	102.52	100.11	18.70	16.28	-2.42	yes	yes	no	
2672959	W 108TH ST	W 108TH ST	yes	192.27	303.46	278.44	111.19	86.17	-25.02	yes	yes	no	
2672960	S YUKON AVE	S YUKON AVE	yes	103.96	164.72	147.44	60.77	43.48	-17.28	yes	yes	no	
2672961	W CENTURY BLVD	W CENTURY BLVD	yes	7,530.41	13,709.82	12,658.92	6,179.42	5,128.51	-1,050.91	yes	yes	no	
2672962	W CENTURY BLVD	W CENTURY BLVD	yes	7,434.13	13,547.06	12,515.10	6,112.93	5,080.97	-1,031.96	yes	yes	no	
2672963	CRENSHAW BLVD	CRENSHAW BLVD	yes	88.66	101.56	71.32	12.90	-17.35	-30.24	yes	no	no	
2672964	W 108TH ST	W 108TH ST	yes	98.74	131.87	137.10	33.13	38.36	5.23	yes	yes	yes	
2672965	W CENTURY BLVD	W CENTURY BLVD	yes	7,408.79	13,504.21	12,506.76	6,095.42	5,097.96	-997.46	yes	yes	no	
2672966	S VAN NESS AVE	S VAN NESS AVE	yes	149.77	176.14	185.62	26.37	35.85	9.48	yes	yes	yes	
2672967	W 108TH ST	W 108TH ST	yes	70.22	129.43	105.14	59.21	34.92	-24.29	yes	yes	no	
2672968	S VAN NESS AVE	S VAN NESS AVE	yes	138.25	164.59	176.76	26.34	38.51	12.17	yes	yes	yes	
2672969	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	544.61	810.13	891.19	265.52	346.58	81.06	yes	yes	yes	
2672970	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	445.23	629.67	751.79	184.44	306.56	122.13	yes	yes	yes	
2672971	CRENSHAW BLVD	CRENSHAW BLVD	yes	93.36	150.34	110.38	56.98	17.03	-39.95	yes	yes	no	
2672972	S YUKON AVE	S YUKON AVE	yes	187.85	268.69	260.91	80.83	73.05	-7.78	yes	yes	no	
2672973	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	438.89	599.68	707.61	160.79	268.72	107.93	yes	yes	yes	
2672974	S PRAIRIE AVE	S PRAIRIE AVE	yes	437.78	538.76	503.22	100.99	65.44	-35.54	yes	yes	no	
2672976	0	0	yes	0.02	0.06	0.03	0.04	0.01	-0.03	no	no	no	
2672977	0	0	yes	5.51	8.44	7.80	2.93	2.29	-0.65	yes	yes	no	
2672978	VISTA DEL MAR	VISTA DEL MAR	yes	291.23	359.75	353.22	68.52	61.99	-6.52	yes	yes	no	
2672979	0	0	yes	9.90	10.42	10.80	0.51	0.90	0.38	no	no	no	
2672982	0	0	yes	1.41	2.05	2.02	0.64	0.61	-0.03	no	no	no	
2672983	0	0	yes	6.79	6.81	7.78	0.02	0.99	0.97	no	no	no	
2672984	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
2672985	0	0	yes	22.53	24.27	22.29	1.74	-0.24	-1.98	yes	no	no	
2672986	MAIN ST	MAIN ST	yes	335.81	449.72	431.96	113.91	96.15	-17.75	yes	yes	no	
2672987	E MARIPOSA AVE	E MARIPOSA AVE	yes	396.80	494.13	487.79	97.33	90.98	-6.35	yes	yes	no	
2672988	E GRAND AVE	E GRAND AVE	yes	250.97	308.26	289.69	57.28	38.72	-18.57	yes	yes	no	
2672989	0	0	yes	32.16	37.02	33.70	4.86	1.54	-3.32	yes	yes	no	
2672990	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	1,439.38	1,854.00	1,844.07	414.62	404.69	-9.94	yes	yes	no	
2672991	E MARIPOSA AVE	E MARIPOSA AVE	yes	221.83	221.12	263.95	-0.72	42.12	42.83	no	yes	yes	
2672992	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	9,921.23	14,147.81	12,100.89	4,226.59	2,179.66	-2,046.93	yes	yes	no	
2672993	E GRAND AVE	E GRAND AVE	yes	497.42	525.99	531.78	28.57	34.36	5.79	yes	yes	yes	
2672994	0	0	yes	0.10	0.20	0.20	0.10	0.10	0.00	no	no	no	
2672995	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	641.32	667.33	697.69	26.01	56.38	30.36	yes	yes	yes	
2672998	0	0	yes	9.26	18.08	14.32	8.82	5.06	-3.76	yes	yes	no	
2672999	LAIRPORT ST	LAIRPORT ST	yes	5.06	15.56	12.71	10.50	7.66	-2.84	yes	yes	no	
2673001	N NASH ST	N NASH ST	yes	489.52	644.36	595.21	154.84	105.70	-49.14	yes	yes	no	
2673002	CONTINENTAL BLVD	CONTINENTAL BLVD	yes	825.80	1,131.07	998.94	305.28	173.15	-132.13	yes	yes	no	

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2673003	DULEY RD	DULEY RD	yes	36.50	40.89	48.41	4.39	11.90	7.51	yes	yes	yes
2673004	0	0	0	129.88	203.02	188.38	73.14	58.50	-14.64	yes	yes	no
2673006	E GRAND AVE	E GRAND AVE	yes	42.90	65.35	65.63	22.45	22.73	0.28	yes	yes	no
2673008	N NASH ST	N NASH ST	yes	136.00	225.84	230.79	89.84	94.79	4.95	yes	yes	yes
2673009	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673010	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	1,465.50	2,209.53	1,455.38	744.03	-10.13	-754.15	yes	no	no
2673011	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673012	0	0	0	88.08	104.73	99.30	16.65	11.21	-5.44	yes	yes	no
2673013	0	0	0	50.78	64.32	62.38	13.54	11.60	-1.94	yes	yes	no
2673015	0	0	0	17.68	16.71	9.01	-0.97	-8.66	-7.70	no	no	no
2673016	0	0	0	0.05	0.06	0.02	0.01	-0.03	-0.03	no	no	no
2673017	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	460.22	637.34	876.84	177.12	416.62	239.50	yes	yes	yes
2673018	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	386.42	841.89	1,051.73	455.48	665.32	209.84	yes	yes	yes
2673019	W 119TH PL	W 119TH PL	yes	765.68	1,377.44	1,807.89	611.76	1,042.21	430.45	yes	yes	yes
2673020	0	0	0	2.15	3.05	6.87	0.90	4.72	3.82	no	yes	yes
2673021	N AVIATION BLVD	N AVIATION BLVD	yes	5,268.07	7,319.42	8,959.60	2,051.35	3,691.53	1,640.18	yes	yes	yes
2673022	0	0	0	65.69	82.18	80.20	16.49	14.51	-1.98	yes	yes	no
2673023	N AVIATION BLVD	N AVIATION BLVD	yes	4,398.54	5,794.71	7,006.88	1,396.17	2,608.35	1,212.17	yes	yes	yes
2673024	0	0	0	0.00	0.01	0.00	0.01	0.00	-0.01	no	no	no
2673025	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	2,559.22	3,737.43	3,388.87	1,178.22	829.66	-348.56	yes	yes	no
2673026	W 120TH ST	W 120TH ST	yes	396.52	385.31	599.76	-11.21	203.25	214.46	no	yes	yes
2673027	0	0	0	33.58	44.94	50.27	11.36	16.69	5.33	yes	yes	yes
2673028	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	1,696.04	2,190.46	3,543.31	494.42	1,847.28	1,352.86	yes	yes	yes
2673029	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	522.55	588.18	777.88	65.63	255.33	189.70	yes	yes	yes
2673031	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673034	0	0	0	120.94	155.79	150.80	34.85	29.85	-4.99	yes	yes	no
2673036	0	0	0	0.08	0.00	0.00	-0.08	-0.08	0.00	no	no	no
2673037	0	0	0	50.78	59.24	55.24	8.46	4.47	-4.00	yes	yes	no
2673038	0	0	0	84.50	77.12	70.22	-7.38	-14.28	-6.90	no	no	no
2673039	0	0	0	0.00	0.03	0.03	0.03	0.03	0.00	no	no	no
2673041	0	0	0	0.00	0.00	0.01	0.00	0.01	0.01	no	no	no
2673042	0	0	0	5.21	5.93	5.46	0.72	0.25	-0.47	no	no	no
2673044	0	0	0	0.11	0.25	0.18	0.14	0.07	-0.07	no	no	no
2673048	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673049	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673050	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673054	0	0	0	50.54	70.25	70.12	19.71	19.58	-0.14	yes	yes	no
2673058	0	0	0	72.52	94.23	97.63	21.70	25.10	3.40	yes	yes	yes
2673059	0	0	0	0.12	0.20	0.10	0.08	-0.02	-0.10	no	no	no
2673060	0	0	0	7.56	11.96	6.47	4.40	-1.09	-5.49	yes	no	no
2673063	0	0	0	3.80	4.43	4.46	0.64	0.67	0.03	no	no	no
2673066	0	0	0	1.00	1.15	1.07	0.16	0.08	-0.08	no	no	no
2673067	0	0	0	27.53	35.19	33.70	7.67	6.17	-1.49	yes	yes	no
2673068	0	0	0	46.59	49.63	29.48	3.04	-17.11	-20.15	yes	no	no
2673070	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673072	0	0	0	56.60	71.20	68.82	14.60	12.22	-2.38	yes	yes	no
2673073	0	0	0	0.14	0.07	0.00	-0.07	-0.14	-0.07	no	no	no
2673074	0	0	0	0.01	0.01	0.00	0.00	-0.01	-0.01	no	no	no
2673075	0	0	0	0.01	0.02	0.02	0.00	0.00	0.00	no	no	no
2673076	0	0	0	115.37	146.51	142.27	31.14	26.90	-4.24	yes	yes	no
2673079	0	0	0	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
2673080	0	0	0	0.00	0.11	0.11	0.11	0.11	0.00	no	no	no
2673081	0	0	0	0.00	0.00	0.01	0.00	0.01	0.01	no	no	no
2673082	0	0	0	56.17	99.28	101.42	43.11	45.24	2.14	yes	yes	yes
2673083	BIRCH AVE	BIRCH AVE	yes	317.77	469.14	486.49	151.38	168.72	17.34	yes	yes	yes
2673086	W 120TH ST	W 120TH ST	yes	281.27	368.19	627.30	86.92	346.03	259.11	yes	yes	yes
2673087	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	1,194.40	1,701.98	2,705.68	507.58	1,511.29	1,003.71	yes	yes	yes
2673088	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	1,064.51	1,796.69	1,723.59	732.17	659.08	-73.09	yes	yes	no
2673089	S PRAIRIE AVE	S PRAIRIE AVE	yes	115.77	127.97	81.58	12.20	-34.20	-46.39	yes	no	no
2673090	W 120TH ST	W 120TH ST	yes	129.20	224.90	301.52	95.70	172.32	76.61	yes	yes	yes
2673091	S PRAIRIE AVE	S PRAIRIE AVE	yes	115.77	127.97	81.57	12.20	-34.20	-46.40	yes	no	no
2673092	W 120TH ST	W 120TH ST	yes	76.15	134.08	200.03	57.93	123.88	65.96	yes	yes	yes
2673093	0	0	0	16.49	20.50	19.53	4.01	3.05	-0.96	yes	yes	no
2673094	0	0	0	10.33	13.18	12.44	2.85	2.11	-0.73	yes	yes	no
2673095	NORTHROP AVE	NORTHROP AVE	yes	28.93	5.41	36.98	-23.52	8.05	31.57	no	yes	yes
2673096	S PRAIRIE AVE	S PRAIRIE AVE	yes	152.13	197.87	162.39	45.74	10.26	-35.48	yes	yes	no
2673097	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	582.55	659.08	873.28	76.53	290.73	214.19	yes	yes	yes
2673098	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	833.52	1,362.60	1,454.66	529.08	621.14	92.05	yes	yes	yes
2673099	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	846.99	1,204.35	1,408.11	357.36	561.11	203.75	yes	yes	yes
2673100	W 135TH ST	W 135TH ST	yes	19.82	31.15	30.79	11.33	10.97	-0.36	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2673101	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	474.89	528.43	736.22	53.54	261.33	207.79	yes	yes	yes
2673102	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673103	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	712.55	826.66	1,051.41	114.11	338.85	224.75	yes	yes	yes
2673104	W ROSECRANS AVE	W ROSECRANS AVE	yes	610.63	903.30	783.22	292.68	172.59	-120.08	yes	yes	no
2673105	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	432.95	487.73	691.56	54.78	258.62	203.83	yes	yes	yes
2673106	0	0	0	2.50	5.51	26.74	3.01	24.24	21.23	yes	yes	yes
2673107	0	0	0	34.61	41.43	39.72	6.82	5.10	-1.71	yes	yes	no
2673108	W 142ND ST	W 142ND ST	yes	631.41	922.12	926.15	290.71	294.74	4.03	yes	yes	yes
2673109	W 135TH ST	W 135TH ST	yes	26.50	29.91	35.13	3.41	8.63	5.22	yes	yes	yes
2673110	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	536.32	749.16	832.87	212.84	296.54	83.70	yes	yes	yes
2673111	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	19.87	30.27	26.80	10.40	6.93	-3.47	yes	yes	no
2673112	0	0	0	0.01	0.01	0.00	0.00	-0.01	-0.01	no	no	no
2673113	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	264.71	422.12	468.93	157.40	204.22	46.81	yes	yes	yes
2673114	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	587.15	822.58	899.49	235.43	312.34	76.91	yes	yes	yes
2673115	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	0.04	0.05	0.03	0.01	-0.01	-0.01	no	no	no
2673116	W 135TH ST	W 135TH ST	yes	4.39	8.61	7.48	4.22	3.09	-1.13	yes	yes	no
2673117	PRAIRIE AVE	PRAIRIE AVE	yes	315.30	467.42	461.26	152.11	145.96	-6.16	yes	yes	no
2673118	PRAIRIE AVE	PRAIRIE AVE	yes	185.84	299.78	288.93	113.94	103.09	-10.85	yes	yes	no
2673119	ROSECRANS AVE	ROSECRANS AVE	yes	610.36	900.75	917.15	290.39	306.79	16.40	yes	yes	yes
2673120	YUKON AVE	YUKON AVE	yes	63.92	77.82	84.91	13.90	20.99	7.09	yes	yes	yes
2673121	W 135TH ST	W 135TH ST	yes	111.68	152.57	156.33	40.90	44.65	3.76	yes	yes	yes
2673122	ROSECRANS AVE	ROSECRANS AVE	yes	516.20	722.87	764.76	206.67	248.56	41.89	yes	yes	yes
2673123	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673124	YUKON AVE	YUKON AVE	yes	116.41	138.30	152.41	21.89	36.00	14.11	yes	yes	yes
2673125	0	0	0	89.61	112.00	110.45	22.39	20.84	-1.55	yes	yes	no
2673126	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	560.08	811.46	956.33	251.39	396.26	144.87	yes	yes	yes
2673127	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	360.62	557.33	688.21	196.71	327.59	130.88	yes	yes	yes
2673128	CRENSHAW BLVD	CRENSHAW BLVD	yes	317.01	400.46	326.70	83.45	9.69	-73.76	yes	yes	no
2673129	W 134TH PL	W 134TH PL	yes	93.16	121.09	128.38	27.93	35.22	7.29	yes	yes	yes
2673130	ROSECRANS AVE	ROSECRANS AVE	yes	472.94	662.68	716.30	189.74	243.35	53.62	yes	yes	yes
2673131	CRENSHAW BLVD	CRENSHAW BLVD	yes	317.91	398.75	333.08	80.84	15.17	-65.67	yes	yes	no
2673133	W ROSECRANS AVE	W ROSECRANS AVE	yes	778.82	2,276.63	2,232.26	1,497.81	1,453.44	-44.37	yes	yes	no
2673134	W 135TH ST	W 135TH ST	yes	238.64	316.58	306.48	77.95	67.84	-10.11	yes	yes	no
2673135	0	0	0	55.14	68.20	65.35	13.06	10.21	-2.85	yes	yes	no
2673139	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673140	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	7,878.30	11,461.15	10,350.67	3,582.85	2,472.37	-1,110.48	yes	yes	no
2673141	0	0	0	0.09	0.09	0.09	0.00	0.01	0.00	no	no	no
2673142	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	7,878.30	11,461.15	10,350.67	3,582.85	2,472.37	-1,110.48	yes	yes	no
2673144	20TH ST	20TH ST	yes	1.42	1.79	1.80	0.38	0.38	0.00	no	no	no
2673145	0	0	0	6.45	6.88	6.34	0.43	-0.11	-0.54	no	no	no
2673146	14TH ST	14TH ST	yes	6.01	8.14	7.60	2.13	1.58	-0.55	yes	yes	no
2673147	0	0	0	21.75	34.49	31.41	12.74	9.67	-3.08	yes	yes	no
2673148	W 102ND ST	W 102ND ST	yes	3,784.74	3,827.18	2,616.93	42.44	-1,167.81	-1,210.25	yes	no	no
2673451	0	0	0	3.44	4.10	3.82	0.66	0.37	-0.29	no	no	no
2673452	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673479	0	0	0	3.70	6.28	6.00	2.58	2.30	-0.28	yes	yes	no
2673481	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673482	0	0	0	30.24	37.41	36.54	7.17	6.30	-0.87	yes	yes	no
2673483	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673484	0	0	0	1.06	7.95	7.99	6.89	6.93	0.04	yes	yes	no
2673485	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673486	W 120TH ST	W 120TH ST	yes	163.81	258.25	288.22	94.44	124.41	29.97	yes	yes	yes
2673487	S NORMANDIE AVE	S NORMANDIE AVE	yes	42.71	60.94	59.01	18.23	16.30	-1.92	yes	yes	no
2673488	S WESTERN AVE	S WESTERN AVE	yes	41.27	28.77	32.16	-12.50	-9.10	3.39	no	no	yes
2673489	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	215.35	296.15	416.37	80.80	201.02	120.22	yes	yes	yes
2673490	W 120TH ST	W 120TH ST	yes	85.11	161.91	246.52	76.80	161.41	84.62	yes	yes	yes
2673491	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	194.41	232.49	356.54	38.08	162.13	124.05	yes	yes	yes
2673492	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673493	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673494	S BROADWAY	S BROADWAY	yes	143.79	206.37	187.04	62.58	43.25	-19.33	yes	yes	no
2673496	S BROADWAY	S BROADWAY	yes	95.14	150.01	133.83	54.87	38.69	-16.18	yes	yes	no
2673498	0	0	0	0.10	0.11	0.11	0.01	0.00	0.00	no	no	no
2673534	W MANCHESTER AVE	W MANCHESTER AVE	yes	188.38	374.08	766.52	185.70	578.14	392.44	yes	yes	yes
2673535	S NORMANDIE AVE	S NORMANDIE AVE	yes	76.07	96.70	100.52	20.63	24.44	3.82	yes	yes	yes
2673537	0	0	0	14.99	18.75	19.33	3.76	4.34	0.58	yes	yes	no
2673538	W CENTURY BLVD	W CENTURY BLVD	yes	7,049.79	13,003.22	12,102.83	5,953.43	5,053.04	-900.38	yes	yes	no
2673539	W CENTURY BLVD	W CENTURY BLVD	yes	7,049.79	13,003.22	12,102.83	5,953.43	5,053.04	-900.38	yes	yes	no
2673540	0	0	0	0.32	0.67	0.58	0.35	0.26	-0.09	no	no	no
2673542	0	0	0	12.79	18.50	19.08	5.71	6.29	0.58	yes	yes	no
2673543	0	0	0	5.26	5.48	5.11	0.22	-0.15	-0.37	no	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?			
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	
2673544	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2673545	0	0	yes	5.42	6.07	6.15	0.66	0.73	0.07	no	no	no	
2673547	0	0	yes	33.94	46.15	46.25	12.21	12.31	0.10	yes	yes	no	
2673548	0	0	yes	13.14	17.10	16.82	3.95	3.68	-0.28	yes	yes	no	
2673549	0	0	yes	3.79	3.73	3.51	-0.05	-0.28	-0.22	no	no	no	
2673551	0	0	yes	1.21	1.61	1.32	0.39	0.10	-0.29	no	no	no	
2673552	S WESTERN AVE	S WESTERN AVE	yes	7.80	15.09	16.10	7.29	8.29	1.01	yes	yes	yes	
2673553	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	459.42	674.49	768.71	215.07	309.29	94.21	yes	yes	yes	
2673554	W 108TH ST	W 108TH ST	yes	18.15	57.83	33.04	39.69	14.89	-24.79	yes	yes	no	
2673555	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	435.42	654.11	736.48	218.68	301.05	82.37	yes	yes	yes	
2673556	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	370.07	558.16	596.87	188.08	226.79	38.71	yes	yes	yes	
2673557	W 110TH ST	W 110TH ST	yes	20.63	64.92	29.43	44.29	8.80	-35.49	yes	yes	no	
2673558	0	0	yes	0.06	0.06	0.06	0.00	0.00	0.00	no	no	no	
2673562	0	0	yes	19.99	22.61	20.86	2.62	0.87	-1.75	yes	no	no	
2673563	0	0	yes	0.01	0.01	0.00	0.00	0.00	-0.01	no	no	no	
2673565	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
2673566	W 135TH ST	W 135TH ST	yes	70.74	97.91	98.94	27.17	28.20	1.03	yes	yes	yes	
2673567	VAN NESS AVE	VAN NESS AVE	yes	26.78	30.46	29.98	3.68	3.20	-0.48	yes	yes	no	
2673568	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	637.46	838.56	944.41	201.09	306.95	105.86	yes	yes	yes	
2673569	0	0	yes	0.48	0.46	2.94	-0.01	2.46	2.47	no	yes	yes	
2673570	S WESTERN AVE	S WESTERN AVE	yes	39.17	21.89	31.95	-7.22	-7.22	10.06	no	no	yes	
2673571	W 135TH ST	W 135TH ST	yes	13.76	35.90	25.35	22.13	11.59	-10.55	yes	yes	no	
2673573	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
2673574	W 135TH ST	W 135TH ST	yes	6.81	37.57	46.38	30.77	39.57	8.81	yes	yes	yes	
2673575	S NORMANDIE AVE	S NORMANDIE AVE	yes	61.02	114.68	109.08	53.67	48.06	-5.61	yes	yes	no	
2673576	W 130TH ST	W 130TH ST	yes	35.61	46.90	61.40	11.29	25.80	14.50	yes	yes	yes	
2673577	S VERMONT AVE	S VERMONT AVE	yes	108.27	129.35	116.55	21.09	8.28	-12.81	yes	yes	no	
2673578	W 130TH ST	W 130TH ST	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
2673581	S WESTERN AVE	S WESTERN AVE	yes	60.73	43.39	54.33	-17.34	-6.40	10.94	no	no	yes	
2673582	S NORMANDIE AVE	S NORMANDIE AVE	yes	200.57	261.66	256.55	61.09	55.99	-5.10	yes	yes	no	
2673592	0	0	yes	96.34	118.61	116.19	22.27	19.85	-2.42	yes	yes	no	
2673609	YUKON AVE	YUKON AVE	yes	10.78	16.25	18.34	5.47	7.56	2.08	yes	yes	yes	
2673610	CRENSHAW BLVD	CRENSHAW BLVD	yes	151.39	226.07	198.79	74.69	47.40	-27.28	yes	yes	no	
2673621	0	0	yes	6.34	12.33	12.71	5.99	6.37	0.37	yes	yes	no	
2673623	UNKNOWN	UNKNOWN	yes	2.01	4.63	4.65	2.62	2.64	0.02	yes	yes	no	
2673670	VAN NESS AVE	VAN NESS AVE	yes	226.82	298.53	286.87	71.71	60.04	-11.67	yes	yes	no	
2673776	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
2674194	LOYOLA BLVD	LOYOLA BLVD	yes	48.43	110.59	94.61	62.15	46.18	-15.97	yes	yes	no	
2674195	W MANCHESTER AVE	W MANCHESTER AVE	yes	551.14	753.52	173.69	202.38	-377.45	-579.83	yes	no	no	
2674196	W 83RD ST	W 83RD ST	yes	7.44	17.80	5.14	10.36	-2.30	-12.66	yes	no	no	
2674197	W 83RD ST	W 83RD ST	yes	202.71	259.91	254.99	57.19	52.28	-4.92	yes	yes	no	
2674198	W 83RD ST	W 83RD ST	yes	51.85	53.27	82.98	1.42	31.13	29.71	yes	yes	yes	
2674199	W 83RD ST	W 83RD ST	yes	176.40	237.03	202.31	60.63	25.91	-34.72	yes	yes	no	
2674200	W MANCHESTER AVE	W MANCHESTER AVE	yes	667.03	794.75	731.83	127.72	64.80	-62.92	yes	yes	no	
2674201	W 83RD ST	W 83RD ST	yes	176.40	237.03	202.31	60.63	25.91	-34.72	yes	yes	no	
2674202	0	0	yes	25.53	30.39	30.30	4.86	4.77	-0.09	yes	yes	no	
2674203	W 83RD ST	W 83RD ST	yes	25.53	30.39	30.30	4.86	4.77	-0.09	yes	yes	no	
2674204	0	0	yes	202.71	259.91	254.99	57.19	52.28	-4.92	yes	yes	no	
2674205	NICHOLSON ST	NICHOLSON ST	yes	2,652.60	3,079.42	3,048.92	426.82	396.32	-30.50	yes	yes	no	
2674206	W 83RD ST	W 83RD ST	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
2674207	W MANCHESTER AVE	W MANCHESTER AVE	yes	1,005.11	1,233.94	1,112.00	228.83	106.88	-121.94	yes	yes	no	
2674208	W 83RD ST	W 83RD ST	yes	347.53	438.07	429.78	90.55	82.25	-8.29	yes	yes	no	
2674209	0	0	yes	35.53	44.82	43.29	9.29	7.76	-1.53	yes	yes	no	
2674210	CRENSHAW BLVD	CRENSHAW BLVD	yes	714.56	564.00	688.30	-150.56	-26.26	124.30	no	no	yes	
2674211	CRENSHAW BLVD	CRENSHAW BLVD	yes	130.25	166.91	167.07	36.66	36.82	0.16	yes	yes	no	
2674212	76TH ST	76TH ST	yes	33.32	42.33	141.87	9.00	108.55	99.55	yes	yes	yes	
2674213	8TH AVE	8TH AVE	yes	533.94	963.09	1,054.85	429.14	520.91	91.76	yes	yes	yes	
2674214	76TH ST	76TH ST	yes	38.82	136.01	463.31	97.19	424.50	327.31	yes	yes	yes	
2674215	76TH ST	76TH ST	yes	33.32	42.33	141.87	9.00	108.55	99.55	yes	yes	yes	
2674216	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
2674217	76TH ST	76TH ST	yes	38.82	136.01	463.31	97.19	424.50	327.31	yes	yes	yes	
2674218	WEST BLVD	WEST BLVD	yes	46.80	113.17	151.80	66.37	105.00	38.63	yes	yes	yes	
2674219	67TH ST	67TH ST	yes	92.26	176.06	221.21	83.80	128.95	45.15	yes	yes	yes	
2674220	8TH AVE	8TH AVE	yes	1,446.30	2,554.95	2,778.86	1,108.65	1,332.56	223.91	yes	yes	yes	
2674221	67TH ST	67TH ST	yes	1,001.52	1,769.96	1,947.37	768.44	945.85	177.41	yes	yes	yes	
2674222	67TH ST	67TH ST	yes	493.50	981.77	1,169.02	488.26	675.52	187.26	yes	yes	yes	
2674223	CRENSHAW BLVD	CRENSHAW BLVD	yes	192.17	408.94	518.67	216.77	326.50	109.73	yes	yes	yes	
2674224	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
2674225	67TH ST	67TH ST	yes	95.01	180.15	225.14	85.14	130.12	44.98	yes	yes	yes	
2674227	HYDE PARK BLVD	HYDE PARK BLVD	yes	1,357.16	1,018.38	922.60	-338.78	-434.56	-95.78	no	no	no	

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2674228	BUCKLER AVE	BUCKLER AVE	yes	0.00	0.09	0.13	0.09	0.13	0.04	no	no	no
2674229	S VAN NESS AVE	S VAN NESS AVE	yes	135.83	189.97	165.36	54.14	29.53	-24.61	yes	yes	no
2674230	W 60TH ST	W 60TH ST	yes	33.59	37.19	35.61	3.60	2.01	-1.58	yes	yes	no
2674231	W 60TH ST	W 60TH ST	yes	0.16	1.34	1.33	1.18	1.17	-0.01	yes	yes	no
2674232	8TH AVE	8TH AVE	yes	81.17	103.98	106.16	22.81	24.99	2.18	yes	yes	yes
2674233	W 60TH ST	W 60TH ST	yes	34.25	56.77	61.33	22.52	27.08	4.56	yes	yes	yes
2674234	CRENSHAW BLVD	CRENSHAW BLVD	yes	349.86	347.27	412.61	-2.59	62.76	65.35	no	yes	yes
2674235	W 60TH ST	W 60TH ST	yes	197.78	170.45	167.80	-27.33	-29.97	-2.64	no	no	no
2674236	WEST BLVD	WEST BLVD	yes	568.77	477.04	536.96	-91.73	-31.81	59.92	no	no	yes
2674237	0	0	yes	2.56	3.50	2.76	0.95	0.20	-0.75	no	no	no
2674238	W 60TH ST	W 60TH ST	yes	14.10	19.81	18.75	5.71	4.65	-1.06	yes	yes	no
2674239	ALVISO AVE	ALVISO AVE	yes	5.26	28.34	13.94	23.08	8.67	-14.40	yes	yes	no
2674240	W 60TH ST	W 60TH ST	yes	1.50	2.23	2.08	0.73	0.58	-0.15	no	no	no
2674241	4TH AVE	4TH AVE	yes	0.15	1.30	1.28	1.15	1.13	-0.02	yes	yes	no
2674242	W 60TH ST	W 60TH ST	yes	0.01	0.04	0.04	0.03	0.04	0.00	no	no	no
2674243	4TH AVE	4TH AVE	yes	0.97	0.85	0.58	-0.12	-0.39	-0.26	no	no	no
2674244	4TH AVE	4TH AVE	yes	2.52	3.68	4.44	1.17	1.92	0.76	yes	yes	no
2674245	W 54TH ST	W 54TH ST	yes	6.26	27.96	18.66	21.71	12.41	-9.30	yes	yes	no
2674246	4TH AVE	4TH AVE	yes	0.05	0.85	0.67	0.80	0.63	-0.17	no	no	no
2674247	W SLAUSON AVE	W SLAUSON AVE	yes	2.11	3.53	4.31	1.42	2.20	0.78	yes	yes	no
2674249	0	0	yes	6.27	5.81	4.97	-0.46	-1.30	-0.84	no	no	no
2674250	HILLCREST DR	HILLCREST DR	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2674251	DON FELIPE DR	DON FELIPE DR	yes	6.27	5.81	4.97	-0.46	-1.30	-0.84	no	no	no
2674252	DON FELIPE DR	DON FELIPE DR	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2674253	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2674254	HILLCREST DR	HILLCREST DR	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2674255	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	258.74	392.29	368.80	133.55	110.06	-23.49	yes	yes	no
2674256	W 39TH ST	W 39TH ST	yes	52.53	63.67	29.75	11.14	-22.78	-33.92	yes	no	no
2674257	DEGNAB BLVD	DEGNAB BLVD	yes	122.52	175.20	120.68	52.68	-1.84	-54.53	yes	no	no
2674258	DEGNAB BLVD	DEGNAB BLVD	yes	70.14	111.53	92.10	41.40	21.96	-19.43	yes	yes	no
2674259	COLISEUM ST	COLISEUM ST	yes	110.34	166.89	135.18	56.55	24.84	-31.71	yes	yes	no
2674260	4TH AVE	4TH AVE	yes	44.17	45.70	67.99	1.53	23.82	22.29	yes	yes	yes
2674261	RODEO RD	RODEO RD	yes	87.04	113.90	102.72	26.86	15.68	-11.18	yes	yes	no
2674262	4TH AVE	4TH AVE	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2674263	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	2,146.80	2,271.34	2,093.70	124.54	-53.10	-177.64	yes	no	no
2674264	4TH AVE	4TH AVE	yes	0.00	0.00	0.02	0.00	0.02	0.02	no	no	no
2674265	4TH AVE	4TH AVE	yes	61.33	76.47	81.61	15.15	20.28	5.13	yes	yes	yes
2674266	W 39TH ST	W 39TH ST	yes	107.49	173.96	126.00	66.48	18.51	-47.97	yes	yes	no
2674267	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	298.51	414.68	363.87	116.17	65.36	-50.81	yes	yes	no
2674268	6TH ST	6TH ST	yes	75.34	101.12	95.22	25.78	19.88	-5.90	yes	yes	no
2674269	6TH ST	6TH ST	yes	3.18	3.37	3.10	0.19	-0.07	-0.26	no	no	no
2674276	S HARCOURT AVE	S HARCOURT AVE	yes	124.99	317.98	290.65	192.99	165.66	-27.33	yes	yes	no
2674277	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	115.14	131.34	129.62	16.20	14.48	-1.72	yes	yes	no
2674278	S HARCOURT AVE	S HARCOURT AVE	yes	43.87	172.08	143.89	128.21	100.02	-28.19	yes	yes	no
2674279	W ADAMS BLVD	W ADAMS BLVD	yes	141.14	242.93	231.14	101.80	90.00	-11.79	yes	yes	no
2674282	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2674283	S HARCOURT AVE	S HARCOURT AVE	yes	123.67	315.69	288.57	192.02	164.90	-27.12	yes	yes	no
2674284	HAUSER BLVD	HAUSER BLVD	yes	227.96	262.77	255.54	34.81	27.58	-7.23	yes	yes	no
2674285	WESTHEAVEN ST	WESTHEAVEN ST	yes	4.59	8.55	9.61	3.96	5.02	1.06	yes	yes	yes
2674286	S REDONDO BLVD	S REDONDO BLVD	yes	276.80	416.66	372.21	139.86	95.41	-44.45	yes	yes	no
2674287	WESTHEAVEN ST	WESTHEAVEN ST	yes	12.87	13.64	15.41	0.77	2.55	1.77	no	yes	yes
2674297	ROSE AVE	ROSE AVE	yes	114.10	102.75	103.68	-11.34	-10.41	0.93	no	no	no
2674298	4TH AVE	4TH AVE	yes	10.45	12.72	12.53	2.27	2.08	-0.19	yes	yes	no
2674300	4TH AVE	4TH AVE	yes	3.36	4.49	4.51	1.15	1.15	0.01	yes	yes	no
2674301	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	71.44	63.65	99.85	-7.79	28.41	36.20	no	yes	yes
2674302	LINCOLN BLVD	LINCOLN BLVD	yes	6,626.83	8,299.42	7,467.23	1,672.60	840.40	-832.20	yes	yes	no
2674303	BROOKS AVE	BROOKS AVE	yes	7.07	7.01	0.34	-0.06	-6.73	-6.67	no	no	no
2674304	4TH AVE	4TH AVE	yes	3.34	4.48	4.50	1.14	1.15	0.02	yes	yes	no
2674305	BROOKS AVE	BROOKS AVE	yes	19.40	22.62	15.02	3.22	-4.39	-7.61	yes	no	no
2674307	BROOKS AVE	BROOKS AVE	yes	19.40	22.62	15.02	3.22	-4.39	-7.61	yes	no	no
2674309	LINCOLN BLVD	LINCOLN BLVD	yes	6,630.31	8,313.18	7,481.34	1,682.87	851.03	-831.84	yes	yes	no
2674310	PENMAR AVE	PENMAR AVE	yes	18.34	22.82	21.99	4.48	3.66	-0.82	yes	yes	no
2674311	PALMS AVE	PALMS AVE	yes	0.31	0.27	0.47	-0.04	0.16	0.20	no	no	no
2674315	E 118TH ST	E 118TH ST	yes	14.32	19.95	8.40	5.64	-5.91	-11.55	yes	no	no
2674316	E 118TH ST	E 118TH ST	yes	0.28	0.21	0.31	-0.07	0.03	0.10	no	no	no
2674317	S MAIN ST	S MAIN ST	yes	19.56	26.65	14.15	7.09	-5.41	-12.51	yes	no	no
2674322	S BROADWAY	S BROADWAY	yes	50.15	66.16	59.36	16.01	9.21	-6.80	yes	yes	no
2674323	E 111TH ST	E 111TH ST	yes	3.74	6.09	4.65	2.36	0.91	-1.44	yes	no	no
2674327	S MAIN ST	S MAIN ST	yes	0.33	15.52	13.86	15.19	13.53	-1.66	yes	yes	no
2674328	E 111TH ST	E 111TH ST	yes	7.97	27.68	10.17	19.71	2.20	-17.52	yes	yes	no

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2674332	E 111TH ST	E 111TH ST	yes	8.09	27.88	10.72	19.59	2.63	-16.96	yes	yes	no
2674333	S BROADWAY	S BROADWAY	yes	34.46	35.85	61.84	1.38	27.38	25.99	yes	yes	yes
2674334	S BROADWAY	S BROADWAY	yes	42.54	41.45	51.29	-1.09	8.75	9.84	no	yes	yes
2674336	E 104TH ST	E 104TH ST	yes	10.46	32.08	32.87	21.61	22.41	0.79	yes	yes	no
2674339	E 104TH ST	E 104TH ST	yes	10.97	18.54	36.93	7.58	25.97	18.39	yes	yes	yes
2674340	S MAIN ST	S MAIN ST	yes	2.58	3.10	18.93	0.52	16.35	15.83	no	yes	yes
2674350	E 88TH ST	E 88TH ST	yes	59.48	136.32	151.94	76.84	92.46	15.62	yes	yes	yes
2674351	S FIGUEROA ST	S FIGUEROA ST	yes	1,434.95	1,832.90	1,764.45	397.95	329.50	-68.45	yes	yes	no
2674352	E 88TH ST	E 88TH ST	yes	2.14	4.89	20.55	2.76	18.41	15.65	yes	yes	yes
2674353	S BROADWAY	S BROADWAY	yes	2,281.84	5,008.16	4,631.23	2,726.31	2,349.39	-376.92	yes	yes	no
2674354	E 88TH ST	E 88TH ST	yes	2.16	6.42	8.81	4.26	6.65	2.39	yes	yes	yes
2674361	E 83TH ST	E 83TH ST	yes	7.83	9.96	9.63	2.13	1.80	-0.33	yes	yes	no
2674366	S MAIN ST	S MAIN ST	yes	20.45	28.37	57.45	7.92	37.00	29.08	yes	yes	yes
2674367	E 83TH ST	E 83TH ST	yes	24.94	33.13	50.43	8.19	25.50	17.30	yes	yes	yes
2674368	E 83TH ST	E 83TH ST	yes	18.01	20.06	22.47	2.05	4.46	2.41	yes	yes	yes
2674369	S FIGUEROA ST	S FIGUEROA ST	yes	339.29	460.32	464.98	121.03	125.69	4.66	yes	yes	yes
2674370	E 83TH ST	E 83TH ST	yes	2.11	1.30	1.24	-0.81	-0.88	-0.07	no	no	no
2674376	E 76TH ST	E 76TH ST	yes	38.02	42.17	41.05	4.15	3.03	-1.12	yes	yes	no
2674377	S MAIN ST	S MAIN ST	yes	134.35	343.21	375.12	208.86	240.77	31.91	yes	yes	yes
2674378	E 76TH ST	E 76TH ST	yes	165.35	369.90	371.45	204.55	206.10	1.55	yes	yes	yes
2674379	E 76TH ST	E 76TH ST	yes	11.00	6.71	5.38	-4.30	-5.62	-1.32	no	no	no
2674380	E 76TH ST	E 76TH ST	yes	6.64	5.41	4.92	-1.23	-1.71	-0.48	no	no	no
2674381	S FIGUEROA ST	S FIGUEROA ST	yes	330.28	454.79	460.71	124.51	130.43	5.92	yes	yes	yes
2674382	E 76TH ST	E 76TH ST	yes	8.24	8.00	10.61	-0.23	2.38	2.61	no	yes	yes
2674383	S HOOVER ST	S HOOVER ST	yes	6.86	9.27	12.20	2.41	5.34	2.93	yes	yes	yes
2674385	W 48TH ST	W 48TH ST	yes	84.43	91.46	123.07	7.04	38.64	31.60	yes	yes	yes
2674386	W 48TH ST	W 48TH ST	yes	223.51	433.88	432.63	210.37	209.12	-1.25	yes	yes	no
2674387	S BROADWAY	S BROADWAY	yes	2,692.05	5,037.13	5,116.06	2,345.09	2,424.02	78.93	yes	yes	yes
2674388	W 48TH ST	W 48TH ST	yes	126.03	197.65	240.66	71.62	114.63	43.01	yes	yes	yes
2674389	S MAIN ST	S MAIN ST	yes	833.47	1,377.10	1,479.17	543.62	645.70	102.07	yes	yes	yes
2674465	S VERMONT AVE	S VERMONT AVE	yes	73.75	120.27	102.44	46.52	28.69	-17.83	yes	yes	no
2674466	E 111TH ST	E 111TH ST	yes	5.44	47.44	19.60	42.00	14.16	-27.84	yes	yes	no
2674467	S FIGUEROA ST	S FIGUEROA ST	yes	6.27	14.03	19.55	7.75	13.28	5.53	yes	yes	yes
2674468	E 111TH ST	E 111TH ST	yes	16.34	61.05	30.92	44.71	14.58	-30.13	yes	yes	no
2674469	S HOOVER ST	S HOOVER ST	yes	10.62	13.20	11.83	2.58	1.20	-1.38	yes	yes	no
2674470			0 yes	14.26	11.93	11.87	-2.33	-2.39	-0.06	no	no	no
2674471	E 104TH ST	E 104TH ST	yes	14.18	37.09	38.40	22.90	24.21	1.31	yes	yes	yes
2674472	S VERMONT AVE	S VERMONT AVE	yes	87.15	114.61	124.95	27.46	37.80	10.34	yes	yes	yes
2674473	E 104TH ST	E 104TH ST	yes	12.41	19.11	22.06	6.70	9.65	2.94	yes	yes	yes
2674474	S HOOVER ST	S HOOVER ST	yes	14.38	32.20	14.28	17.82	-0.10	-17.93	yes	no	no
2674475	E 104TH ST	E 104TH ST	yes	8.51	17.75	20.78	9.24	12.27	3.03	yes	yes	yes
2674476	S FIGUEROA ST	S FIGUEROA ST	yes	13.31	40.98	49.91	27.68	36.61	8.93	yes	yes	yes
2674477	S FIGUEROA ST	S FIGUEROA ST	yes	18.30	46.13	58.68	27.83	40.38	12.55	yes	yes	yes
2674478	E 104TH ST	E 104TH ST	yes	9.10	32.64	31.82	23.55	22.73	-0.82	yes	yes	no
2674479	S BROADWAY	S BROADWAY	yes	27.75	33.13	59.89	5.38	32.14	26.76	yes	yes	yes
2674480	E 104TH ST	E 104TH ST	yes	7.54	13.82	12.96	6.28	5.41	-0.86	yes	yes	no
2674481	S VERMONT AVE	S VERMONT AVE	yes	87.52	109.41	112.00	21.88	24.47	2.59	yes	yes	yes
2674482	E 83TH ST	E 83TH ST	yes	2.02	1.20	1.14	-0.82	-0.88	-0.06	no	no	no
2674483	E 83TH ST	E 83TH ST	yes	7.02	7.07	7.69	0.04	0.66	0.62	no	no	no
2674484	E 83TH ST	E 83TH ST	yes	21.02	30.28	31.88	9.26	10.86	1.60	yes	yes	yes
2674485	E 83TH ST	E 83TH ST	yes	17.66	68.58	73.07	50.92	55.41	4.49	yes	yes	yes
2674486	E 76TH ST	E 76TH ST	yes	11.66	15.46	116.62	3.80	104.96	101.17	yes	yes	yes
2674487	E 76TH ST	E 76TH ST	yes	13.27	18.39	65.31	5.12	52.04	46.92	yes	yes	yes
2674488	E 76TH ST	E 76TH ST	yes	6.22	9.61	14.34	3.38	8.12	4.74	yes	yes	yes
2674490	GRAMERCY PL	GRAMERCY PL	yes	111.12	252.07	180.49	140.95	69.37	-71.58	yes	yes	no
2674491	W 92ND ST	W 92ND ST	yes	9.02	16.49	14.96	7.47	5.93	-1.54	yes	yes	no
2674492	GRAMERCY PL	GRAMERCY PL	yes	104.29	237.11	167.47	132.82	63.18	-69.64	yes	yes	no
2674493	GRAMERCY PL	GRAMERCY PL	yes	105.08	168.23	168.71	63.15	63.63	0.48	yes	yes	no
2674494	E 83TH ST	E 83TH ST	yes	2.90	3.50	7.90	0.61	5.00	4.40	no	yes	yes
2674495	GRAMERCY PL	GRAMERCY PL	yes	90.32	103.15	103.54	12.84	13.22	0.39	yes	yes	no
2674496	E 76TH ST	E 76TH ST	yes	12.05	17.49	108.73	5.44	96.68	91.25	yes	yes	yes
2674497	GRAMERCY PL	GRAMERCY PL	yes	89.98	101.17	111.44	11.19	21.47	10.28	yes	yes	yes
2674498	GRAMERCY PL	GRAMERCY PL	yes	1,491.77	2,223.25	2,616.82	731.48	1,125.05	393.58	yes	yes	yes
2674499	DENKER AVE	DENKER AVE	yes	125.65	149.91	115.77	24.26	-9.87	-34.13	yes	no	no
2674500	DENKER AVE	DENKER AVE	yes	99.39	79.12	87.73	-20.26	-11.65	8.61	no	no	yes
2674501	DENKER AVE	DENKER AVE	yes	117.06	148.00	108.53	30.94	-8.53	-39.47	yes	no	no
2674502	W MANCHESTER AVE	W MANCHESTER AVE	yes	199.14	347.16	783.02	148.02	583.88	435.86	yes	yes	yes
2674503	E 83TH ST	E 83TH ST	yes	8.15	43.40	57.99	35.25	49.84	14.59	yes	yes	yes
2674504	DENKER AVE	DENKER AVE	yes	104.19	161.12	134.64	56.93	30.45	-26.48	yes	yes	no
2674505	E 76TH ST	E 76TH ST	yes	20.71	30.45	48.13	9.75	27.43	17.68	yes	yes	yes

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2674506	DENKER AVE	DENKER AVE	yes	96.84	149.23	151.89	52.39	55.05	2.66	yes	yes	yes
2674507	W FLORENCE AVE	W FLORENCE AVE	yes	2,403.98	4,556.98	5,761.34	2,153.00	3,357.36	1,204.36	yes	yes	yes
2674508	DENKER AVE	DENKER AVE	yes	692.04	977.41	1,094.54	285.37	402.49	117.12	yes	yes	yes
2674509	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,873.46	2,644.17	2,684.60	770.71	811.13	40.42	yes	yes	yes
2674510	BUDLONG AVE	BUDLONG AVE	yes	242.83	188.20	219.45	-54.63	-23.39	31.24	no	no	yes
2674511	BUDLONG AVE	BUDLONG AVE	yes	176.17	79.96	102.71	-96.21	-73.47	22.75	no	no	yes
2674512	W SLAUSON AVE	W SLAUSON AVE	yes	817.33	652.26	523.14	-165.07	-294.19	-129.12	no	no	no
2674513	W 54TH ST	W 54TH ST	yes	172.41	167.22	183.22	-5.19	10.81	16.00	no	yes	yes
2674514	BUDLONG AVE	BUDLONG AVE	yes	70.06	82.09	86.05	12.03	16.00	3.96	yes	yes	yes
2674515	BUDLONG AVE	BUDLONG AVE	yes	26.45	42.91	34.98	16.46	8.53	-7.93	yes	yes	no
2674516	W VERNON AVE	W VERNON AVE	yes	95.63	99.55	81.64	3.92	-13.99	-17.91	yes	no	no
2674517	W 48TH ST	W 48TH ST	yes	321.47	341.84	368.19	20.37	46.72	26.34	yes	yes	yes
2674518	BUDLONG AVE	BUDLONG AVE	yes	35.45	67.28	40.57	31.83	5.13	-26.71	yes	yes	no
2674519	W 48TH ST	W 48TH ST	yes	38.29	96.12	71.87	57.83	33.58	-24.24	yes	yes	no
2674520	W 48TH ST	W 48TH ST	yes	136.27	203.01	176.67	66.74	40.40	-26.34	yes	yes	no
2674521	W 48TH ST	W 48TH ST	yes	271.90	389.30	356.39	117.41	84.49	-32.92	yes	yes	no
2674522	0	0	yes	5.17	5.55	5.00	0.37	-0.17	-0.54	no	no	no
2674524	W 51ST ST	W 51ST ST	yes	473.12	488.97	471.85	15.84	-1.28	-17.12	yes	no	no
2674526	W 51ST ST	W 51ST ST	yes	575.41	624.01	703.27	48.60	127.86	79.27	yes	yes	yes
2674527	S NORMANDIE AVE	S NORMANDIE AVE	yes	84.52	104.16	117.92	19.64	33.40	13.76	yes	yes	yes
2674528	W 51ST ST	W 51ST ST	yes	606.13	672.34	735.39	66.21	129.26	63.05	yes	yes	yes
2674529	BUDLONG AVE	BUDLONG AVE	yes	133.39	174.18	145.36	40.79	11.97	-28.82	yes	yes	no
2674530	W 51ST ST	W 51ST ST	yes	500.17	529.88	625.71	29.71	125.54	95.83	yes	yes	yes
2674531	S VERMONT AVE	S VERMONT AVE	yes	753.43	794.56	926.66	41.13	173.23	132.10	yes	yes	yes
2674532	S VERMONT AVE	S VERMONT AVE	yes	261.67	329.48	329.10	67.81	67.43	-0.38	yes	yes	no
2674534	W 51ST ST	W 51ST ST	yes	491.76	465.08	597.56	-26.68	105.80	132.48	no	yes	yes
2674535	S HOOVER ST	S HOOVER ST	yes	432.76	613.83	722.75	181.07	289.98	108.92	yes	yes	yes
2674536	DENKER AVE	DENKER AVE	yes	937.05	1,652.78	1,809.05	715.73	872.00	156.28	yes	yes	yes
2674537	W 54TH ST	W 54TH ST	yes	89.90	209.76	187.88	119.86	97.98	-21.88	yes	yes	no
2674538	DENKER AVE	DENKER AVE	yes	980.82	1,747.50	1,868.44	766.88	887.82	120.94	yes	yes	yes
2674539	W 51ST ST	W 51ST ST	yes	596.87	615.71	717.11	18.84	120.24	101.40	yes	yes	yes
2674540	DENKER AVE	DENKER AVE	yes	953.13	1,683.77	1,805.03	730.64	851.90	121.26	yes	yes	yes
2674541	W 48TH ST	W 48TH ST	yes	56.87	129.85	97.36	72.99	40.49	-32.50	yes	yes	no
2674542	DENKER AVE	DENKER AVE	yes	974.59	1,675.47	1,818.87	700.88	844.28	143.40	yes	yes	yes
2674543	W VERNON AVE	W VERNON AVE	yes	162.25	164.00	172.13	1.75	9.87	8.13	yes	yes	yes
2674544	DENKER AVE	DENKER AVE	yes	1,070.55	1,782.88	1,955.94	712.13	885.39	173.26	yes	yes	yes
2674547	BUDLONG AVE	BUDLONG AVE	yes	9.83	15.13	19.02	5.30	9.19	3.89	yes	yes	yes
2674548	BUDLONG AVE	BUDLONG AVE	yes	0.14	0.76	0.75	0.62	0.61	-0.01	no	no	no
2674549	29th St	29th St	yes	49.85	62.42	62.03	12.57	12.18	-0.38	yes	yes	no
2674550	BUDLONG AVE	BUDLONG AVE	yes	24.00	34.90	33.92	10.89	9.92	-0.98	yes	yes	no
2674551	W ADAMS BLVD	W ADAMS BLVD	yes	33.67	41.60	38.15	7.93	4.48	-3.45	yes	yes	no
2674552	S ST ANDREWS PL	S ST ANDREWS PL	yes	104.75	130.75	135.30	26.00	30.55	4.55	yes	yes	yes
2674553	29th St	29th St	yes	162.42	203.46	217.68	41.03	55.26	14.23	yes	yes	yes
2674554	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2674659	S BUNDY DR	S BUNDY DR	yes	218.80	324.56	276.84	105.76	58.04	-47.72	yes	yes	no
2674660	LA GRANGE	LA GRANGE	yes	0.54	1.03	0.99	0.49	0.45	-0.04	no	no	no
2674662	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2674665	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	138.42	195.87	185.87	57.45	47.45	-10.00	yes	yes	no
2674667	S CENTINELA AVE	S CENTINELA AVE	yes	141.26	188.02	189.01	46.76	47.75	0.99	yes	yes	no
2674668	NEBRASKA AVE	NEBRASKA AVE	yes	0.01	0.01	0.01	0.00	0.00	-0.01	no	no	no
2674677	S CENTINELA AVE	S CENTINELA AVE	yes	141.25	188.01	189.00	46.76	47.75	0.99	yes	yes	no
2674700	PALMS BLVD	PALMS BLVD	yes	28.09	34.74	39.32	6.65	11.23	4.58	yes	yes	yes
2674702	MILITARY AVE	MILITARY AVE	yes	13.00	18.39	16.15	5.38	3.15	-2.24	yes	yes	no
2674703	NATIONAL BLVD	NATIONAL BLVD	yes	68.91	56.47	54.90	-12.44	-14.01	-1.57	no	no	no
2674704	MILITARY AVE	MILITARY AVE	yes	22.45	30.13	28.33	7.68	5.88	-1.80	yes	yes	no
2674705	0	0	yes	12.13	14.98	14.47	2.84	2.34	-0.51	yes	yes	no
2674706	MILITARY AVE	MILITARY AVE	yes	13.00	18.39	16.15	5.38	3.15	-2.24	yes	yes	no
2674707	MILITARY AVE	MILITARY AVE	yes	17.41	24.02	22.46	6.61	5.05	-1.56	yes	yes	no
2674712	MANNING AVE	MANNING AVE	yes	4.63	6.70	6.35	2.07	1.72	-0.35	yes	yes	no
2674727	BAGLEY AVE	BAGLEY AVE	yes	53.47	83.72	72.36	30.26	18.90	-11.36	yes	yes	no
2674728	BAGLEY AVE	BAGLEY AVE	yes	53.47	83.72	72.36	30.26	18.90	-11.36	yes	yes	no
2675189	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2675279	8TH AVE	8TH AVE	yes	81.17	103.98	106.16	22.81	24.99	2.18	yes	yes	yes
2675281	S VAN NESS AVE	S VAN NESS AVE	yes	135.83	189.97	165.36	54.14	29.53	-24.61	yes	yes	no
2675282	0	0	yes	108.45	137.67	135.45	29.22	27.01	-2.22	yes	yes	no
2675283	WEST BLVD	WEST BLVD	yes	462.80	341.77	403.81	-121.03	-58.99	62.04	no	no	yes
2675285	4TH AVE	4TH AVE	yes	0.15	1.30	1.28	1.15	1.13	-0.02	yes	yes	no
2675288	BUCKLER AVE	BUCKLER AVE	yes	33.59	37.11	35.48	3.51	1.89	-1.62	yes	yes	no
2675290	E FAIRVIEW BLVD	E FAIRVIEW BLVD	yes	0.32	1.74	1.14	1.42	0.82	-0.60	yes	no	no
2675292	S WESTERN AVE	S WESTERN AVE	yes	29.85	20.94	23.92	-8.90	-5.93	2.98	no	no	yes

ID	ROAD_NAME			Same Link?	Total Volume			Difference			Model?			
	2024 BASE	2024 WLAMP			2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	
2675315		0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
2675316		0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	
2675317	DENKER AVE	DENKER AVE		yes	99.39	79.12	87.73	-20.26	-11.65	8.61	no	no	yes	
2675405	W 96TH ST	W 96TH ST		yes	7,785.27	17,396.47	10,573.55	9,611.20	2,788.28	-6,822.93	yes	yes	no	
2675411	W 96TH ST	W 96TH ST		yes	25,859.80	22,367.30	25,419.01	-3,492.50	-440.78	3,051.72	no	no	yes	
2675422	AIRPORT BLVD	AIRPORT BLVD		yes	17,476.65	26,449.79	21,157.33	8,973.14	3,680.68	-5,292.46	yes	yes	no	
2675758	I 405 HOV	I 405 HOV		yes	5,219.55	6,715.58	6,599.58	1,496.02	1,380.03	-115.99	yes	yes	no	
2675759				0	yes	5,219.55	6,715.58	6,599.58	1,496.02	1,380.03	-115.99	yes	yes	no
2675760				0	yes	495.63	544.89	492.58	49.26	-3.05	-52.31	yes	no	no
2675761				0	yes	4,723.92	6,170.69	6,107.00	1,446.76	1,383.08	-63.68	yes	yes	no
2675762	I 405 HOV	I 405 HOV		yes	456.01	668.93	611.10	212.92	155.09	-57.83	yes	yes	no	
2675763	I 405 HOV	I 405 HOV		yes	5,179.93	6,839.61	6,718.10	1,659.68	1,538.17	-121.51	yes	yes	no	
2675764	I 405 HOV	I 405 HOV		yes	0.00	10.02	29.86	10.02	29.86	19.83	yes	yes	yes	
2675765	I 405 HOV	I 405 HOV		yes	5,179.93	6,829.59	6,688.24	1,649.66	1,508.31	-141.34	yes	yes	no	
2675766	I 405 HOV	I 405 HOV		yes	212.08	304.40	422.54	92.32	210.46	118.14	yes	yes	yes	
2675767	I 405 HOV	I 405 HOV		yes	5,392.02	7,133.99	7,110.79	1,741.97	1,718.77	-23.20	yes	yes	no	
2675768	I 405 HOV	I 405 HOV		yes	668.21	896.44	714.44	228.23	46.23	-181.99	yes	yes	no	
2675769	I 405 HOV	I 405 HOV		yes	4,723.81	6,237.55	6,396.35	1,513.75	1,672.54	158.79	yes	yes	yes	
2675770	I 405 HOV	I 405 HOV		yes	41.44	90.15	82.66	48.71	41.22	-7.49	yes	yes	no	
2675771	I 405 HOV	I 405 HOV		yes	4,765.25	6,327.70	6,479.01	1,562.46	1,713.76	151.31	yes	yes	yes	
2675772	I 405 HOV	I 405 HOV		yes	698.52	692.80	907.17	-5.72	208.65	214.37	no	yes	yes	
2675773	I 405 HOV	I 405 HOV		yes	180.80	328.63	378.23	147.83	197.43	49.60	yes	yes	yes	
2675774	I 405 HOV	I 405 HOV		yes	5,282.97	6,691.87	7,007.95	1,408.90	1,724.98	316.08	yes	yes	yes	
2675775	I 405 HOV	I 405 HOV		yes	198.61	236.48	327.85	37.87	129.24	91.37	yes	yes	yes	
2675776	I 405 HOV	I 405 HOV		yes	5,481.58	6,928.35	7,335.80	1,446.77	1,854.22	407.45	yes	yes	yes	
2675777	I 405 HOV	I 405 HOV		yes	787.04	1,103.43	665.27	316.39	-121.78	-438.16	yes	no	no	
2675778				0	yes	4,694.54	5,824.92	6,670.54	1,130.38	1,976.00	845.62	yes	yes	yes
2675779				0	yes	0.00	17.60	13.70	17.60	13.70	-3.90	yes	yes	no
2675780				0	yes	4,694.54	5,807.32	6,656.83	1,112.78	1,962.30	849.52	yes	yes	yes
2675781	I 405 HOV	I 405 HOV		yes	4.86	7.23	14.88	2.37	10.02	7.66	yes	yes	yes	
2675782	I 405 HOV	I 405 HOV		yes	4,699.40	5,814.54	6,671.72	1,115.15	1,972.32	857.17	yes	yes	yes	
2675783	I 405 HOV	I 405 HOV		yes	3,681.10	4,391.05	4,262.15	709.94	581.05	-128.89	yes	yes	no	
2675784	I 405 HOV	I 405 HOV		yes	1,018.29	1,423.50	2,409.56	405.21	1,391.27	986.07	yes	yes	yes	
2675785	I 405 HOV	I 405 HOV		yes	21.71	88.90	46.88	67.19	25.17	-42.02	yes	yes	no	
2675786	I 405 HOV	I 405 HOV		yes	1,040.00	1,512.40	2,456.45	472.40	1,416.44	944.05	yes	yes	yes	
2675787	I 405 HOV	I 405 HOV		yes	1,040.00	1,512.40	2,456.45	472.40	1,416.44	944.05	yes	yes	yes	
2675788	I 405 HOV	I 405 HOV		yes	104.77	71.29	137.05	-33.48	32.28	65.76	no	yes	yes	
2675789	I 405 HOV	I 405 HOV		yes	331.82	535.30	765.30	433.47	230.00	230.00	yes	yes	yes	
2675790	I 405 HOV	I 405 HOV		yes	812.95	1,048.39	1,828.20	235.44	1,015.25	779.81	yes	yes	yes	
2675791	I 405 HOV	I 405 HOV		yes	6.56	10.06	35.40	3.50	28.85	25.35	yes	yes	yes	
2675792	I 405 HOV	I 405 HOV		yes	806.39	1,038.34	1,792.80	231.94	986.40	754.46	yes	yes	yes	
2675793	I 405 HOV	I 405 HOV		yes	55.36	47.06	38.63	-8.30	-16.73	-8.43	no	no	no	
2675794	I 405 HOV	I 405 HOV		yes	861.75	1,085.39	1,831.42	223.64	969.67	746.03	yes	yes	yes	
2675795	I 405 HOV	I 405 HOV		yes	589.02	751.64	1,557.44	162.62	968.42	805.80	yes	yes	yes	
2675796	I 405 HOV	I 405 HOV		yes	272.73	333.75	273.99	61.02	1.25	-59.77	yes	yes	no	
2675797	I 405 HOV	I 405 HOV		yes	10.98	16.65	28.96	5.67	17.98	12.31	yes	yes	yes	
2675798	I 405 HOV	I 405 HOV		yes	283.71	350.40	302.94	66.69	19.23	-47.46	yes	yes	no	
2675801	I 405 HOV	I 405 HOV		yes	68.69	77.63	85.69	8.93	17.00	8.06	yes	yes	yes	
2675802	I 405 HOV	I 405 HOV		yes	215.02	272.77	217.25	57.75	2.23	-55.52	yes	yes	no	
2675803	I 405 HOV	I 405 HOV		yes	3.36	3.41	2.42	0.06	-0.93	-0.99	no	no	no	
2675804	I 405 HOV	I 405 HOV		yes	218.37	276.19	219.68	57.81	1.30	-56.51	yes	yes	no	
2675805	I 405 HOV	I 405 HOV		yes	207.69	399.21	149.02	191.52	-58.67	-250.19	yes	no	no	
2675806	I 405 HOV	I 405 HOV		yes	426.06	675.40	368.69	249.34	-57.37	-306.70	yes	no	no	
2675807	SAN DIEGO FWY	SAN DIEGO FWY		yes	2,068.13	2,576.36	1,629.51	508.22	-438.63	-946.85	yes	no	no	
2675808	I 405 HOV	I 405 HOV		yes	228.33	281.76	219.68	53.42	-8.66	-62.08	yes	no	no	
2675809	I 405 HOV	I 405 HOV		yes	197.73	393.64	149.02	195.91	-48.71	-244.63	yes	no	no	
2675810	I 405 HOV	I 405 HOV		yes	33.41	22.13	21.99	-11.29	-11.42	-0.14	no	no	no	
2675811	I 405 HOV	I 405 HOV		yes	164.32	371.52	127.03	207.20	-37.29	-244.49	yes	no	no	
2675812	I 405 HOV	I 405 HOV		yes	1,233.91	1,803.30	1,367.96	569.40	134.05	-435.34	yes	yes	no	
2675813	I 405 HOV	I 405 HOV		yes	3.33	2.88	2.98	-0.45	-0.35	0.10	no	no	no	
2675814	I 405 HOV	I 405 HOV		yes	1,237.24	1,806.19	1,370.94	568.95	133.70	-435.24	yes	yes	no	
2675815	I 405 HOV	I 405 HOV		yes	0.00	2.02	5.16	2.02	5.16	3.15	yes	yes	yes	
2675816	I 405 HOV	I 405 HOV		yes	1,237.24	1,808.20	1,376.10	570.96	138.86	-432.10	yes	yes	no	
2675817	I 405 HOV	I 405 HOV		yes	1,212.85	1,772.11	1,342.03	559.26	129.18	-430.08	yes	yes	no	
2675818	I 405 HOV	I 405 HOV		yes	24.39	36.09	34.07	11.70	9.69	-2.02	yes	yes	no	
2675819	I 405 HOV	I 405 HOV		yes	1.06	0.61	0.00	-0.46	-1.06	-0.61	no	no	no	
2675820	I 405 HOV	I 405 HOV		yes	11.45	14.13	13.69	2.68	2.24	-0.44	yes	yes	no	
2675821	I 405 HOV	I 405 HOV		yes	23.32	35.48	34.07	12.16	10.75	-1.41	yes	yes	no	
2675822	I 405 HOV	I 405 HOV		yes	34.77	49.61	47.76	14.84	12.99	-1.85	yes	yes	no	
2675823	I 405 HOV	I 405 HOV		yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no	

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2675824	I 405 HOV	I 405 HOV	yes	16.10	34.95	25.96	18.85	9.86	-8.99	yes	yes	no
2675825	I 405 HOV	I 405 HOV	yes	34.77	49.61	47.76	14.84	12.99	-1.85	yes	yes	no
2675826	I 405 HOV	I 405 HOV	yes	50.87	84.57	73.72	33.69	22.85	-10.84	yes	yes	no
2675827	I 405 HOV	I 405 HOV	yes	52.02	87.56	254.13	35.54	202.12	166.57	yes	yes	yes
2675828	I 405 HOV	I 405 HOV	yes	28.87	36.17	33.30	7.30	4.43	-2.88	yes	yes	no
2675829	I 405 HOV	I 405 HOV	yes	74.02	135.95	294.56	61.93	220.54	158.61	yes	yes	yes
2675830	I 405 HOV	I 405 HOV	yes	0.04	0.08	0.07	0.04	0.03	-0.01	no	no	no
2675831	I 405 HOV	I 405 HOV	yes	73.98	135.88	294.49	61.90	220.51	158.62	yes	yes	yes
2675832	I 405 HOV	I 405 HOV	yes	1.89	3.70	5.18	1.81	3.29	1.48	yes	yes	yes
2675833	I 405 HOV	I 405 HOV	yes	159.74	126.10	189.68	-33.63	29.94	63.57	no	yes	yes
2675834	I 405 HOV	I 405 HOV	yes	72.09	132.18	289.32	60.08	217.22	157.14	yes	yes	yes
2675835	I 405 HOV	I 405 HOV	yes	231.83	258.28	478.99	26.45	247.16	220.71	yes	yes	yes
2675836	I 405 HOV	I 405 HOV	yes	1,481.14	2,053.16	2,329.84	572.02	848.70	276.68	yes	yes	yes
2675837	I 405 HOV	I 405 HOV	yes	1,712.97	2,311.44	2,808.83	598.47	1,095.86	497.39	yes	yes	yes
2675838	I 405 HOV	I 405 HOV	yes	0.00	0.03	2.04	0.03	2.04	2.02	no	yes	yes
2675839	I 405 HOV	I 405 HOV	yes	1,712.97	2,311.42	2,806.79	598.45	1,093.82	495.37	yes	yes	yes
2675840	I 405 HOV	I 405 HOV	yes	55.18	44.44	46.28	-10.75	-8.90	1.84	no	yes	yes
2675841	0	0	yes	1,657.78	2,266.98	2,760.51	609.19	1,102.72	493.53	yes	yes	yes
2675842	0	0	yes	1,788.00	2,211.46	1,924.68	423.46	136.68	-286.78	yes	yes	no
2675843	0	0	yes	3,445.78	4,478.44	4,685.19	1,032.65	1,239.41	206.75	yes	yes	yes
2675845	0	0	yes	3,445.78	4,478.44	4,685.19	1,032.65	1,239.41	206.75	yes	yes	yes
2675846	I 405 HOV	I 405 HOV	yes	151.36	169.83	275.10	18.47	123.73	105.27	yes	yes	yes
2675847	I 405 HOV	I 405 HOV	yes	3,294.42	4,308.61	4,410.09	1,014.19	1,115.67	101.48	yes	yes	yes
2675848	I 405 HOV	I 405 HOV	yes	1,004.84	1,353.82	1,236.15	348.98	231.32	-117.67	yes	yes	no
2675849	I 405 HOV	I 405 HOV	yes	429.96	226.96	267.64	-203.00	-162.32	40.68	no	no	yes
2675850	I 405 HOV	I 405 HOV	yes	3,869.30	5,435.47	5,378.61	1,566.17	1,509.31	-56.87	yes	yes	no
2675851	I 405 HOV	I 405 HOV	yes	56.66	103.57	131.50	46.91	74.84	27.93	yes	yes	yes
2675852	I 405 HOV	I 405 HOV	yes	138.24	151.38	136.59	13.15	-1.65	-14.79	yes	no	no
2675853	I 405 HOV	I 405 HOV	yes	3,812.64	5,331.90	5,247.11	1,519.26	1,434.46	-84.79	yes	yes	no
2675854	I 405 HOV	I 405 HOV	yes	3,950.88	5,483.28	5,383.70	1,532.40	1,432.82	-99.59	yes	yes	no
2675855	I 405 HOV	I 405 HOV	yes	200.67	221.84	367.20	21.17	166.53	145.36	yes	yes	yes
2675856	I 405 HOV	I 405 HOV	yes	598.23	746.57	703.42	148.35	105.19	-43.15	yes	yes	no
2675857	I 405 HOV	I 405 HOV	yes	3,750.21	5,261.44	5,016.49	1,511.24	1,266.29	-244.95	yes	yes	no
2675858	I 405 HOV	I 405 HOV	yes	4,348.43	6,008.02	5,719.91	1,659.58	1,371.48	-288.10	yes	yes	no
2675859	I 405 HOV	I 405 HOV	yes	507.57	616.23	657.22	108.66	149.65	40.99	yes	yes	yes
2675860	I 405 HOV	I 405 HOV	yes	3,840.87	5,391.79	5,062.69	1,550.92	1,221.83	-329.10	yes	yes	no
2675861	I 405 HOV	I 405 HOV	yes	3,840.87	5,391.79	5,062.69	1,550.92	1,221.83	-329.10	yes	yes	no
2677027	0	0	yes	7.78	8.93	6.86	1.15	-0.92	-2.07	yes	no	no
2677028	0	0	yes	1.07	0.74	0.72	-0.33	-0.34	-0.02	no	no	no
2677029	SANTA MONICA FWY	SANTA MONICA FWY	yes	47.88	56.17	52.09	8.29	4.21	-4.08	yes	yes	no
2677030	0	0	yes	30.59	29.67	25.56	-0.92	-5.03	-4.11	no	no	no
2677050	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	641.32	667.33	697.69	26.01	56.38	30.36	yes	yes	yes
2677051	E GRAND AVE	E GRAND AVE	yes	497.51	526.19	531.98	28.68	34.47	5.79	yes	yes	yes
2677052	E MARIPOSA AVE	E MARIPOSA AVE	yes	449.69	553.38	541.76	103.69	92.07	-11.62	yes	yes	no
2677053	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	801.46	1,191.38	1,151.02	389.93	349.56	-40.37	yes	yes	no
2677054	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	555.10	974.00	909.27	418.90	354.17	-64.74	yes	yes	no
2677055	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	783.48	1,307.15	1,187.93	523.67	404.44	-119.23	yes	yes	no
2677056	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	783.48	1,307.15	1,187.93	523.67	404.44	-119.23	yes	yes	no
2677057	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	15,357.86	19,979.99	17,377.56	4,622.13	2,019.70	-2,602.43	yes	yes	no
2677058	WESTCHESTER PKY	WESTCHESTER PKY	yes	3,095.76	3,362.37	3,205.90	266.61	110.14	-156.47	yes	yes	no
2677059	LA TIJERA BLVD	LA TIJERA BLVD	yes	7,870.89	9,970.11	8,803.66	2,099.23	932.77	-1,166.45	yes	yes	no
2677060	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	2,730.85	2,944.82	2,376.97	213.97	-353.88	-567.85	yes	no	no
2677061	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	3,954.34	4,866.36	4,341.52	912.03	387.19	-524.84	yes	yes	no
2677062	NICHOLSON ST	NICHOLSON ST	yes	2,652.60	3,079.42	3,048.92	426.82	396.32	-30.50	yes	yes	no
2677063	CULVER BLVD	CULVER BLVD	yes	4.61	8.81	8.51	4.19	3.90	-0.29	yes	yes	no
2677064	CULVER BLVD	CULVER BLVD	yes	3.91	4.13	3.76	0.22	-0.15	-0.37	no	no	no
2677065	E FAIRVIEW BLVD	E FAIRVIEW BLVD	yes	0.32	1.74	1.14	1.42	0.82	-0.60	yes	no	no
2677066	ALVISO AVE	ALVISO AVE	yes	21.09	32.33	29.00	11.24	7.92	-3.32	yes	yes	no
2677100	S DOUGLAS ST	S DOUGLAS ST	yes	175.93	290.03	291.86	114.11	115.94	1.83	yes	yes	yes
2677170	0	0	yes	34.55	44.41	43.34	9.86	8.79	-1.07	yes	yes	no
2677173	0	0	yes	0.06	0.08	0.08	0.02	0.02	-0.01	no	no	no
2677174	0	0	yes	5.26	6.35	5.62	1.09	0.36	-0.73	yes	no	no
2677175	0	0	yes	2.83	3.42	2.95	0.58	0.12	-0.47	no	no	no
2677176	0	0	yes	2.96	3.57	3.24	0.61	0.28	-0.33	no	no	no
2677177	0	0	yes	4.75	5.60	5.02	0.85	0.27	-0.58	no	no	no
2677178	WALGROVE AVE	WALGROVE AVE	yes	447.05	591.93	541.48	144.88	94.43	-50.46	yes	yes	no
2677179	0	0	yes	4.97	6.62	6.44	1.66	1.47	-0.19	yes	yes	no
2677180	0	0	yes	8.97	10.99	10.80	2.03	1.83	-0.19	yes	yes	no
2677181	LINCOLN BLVD	LINCOLN BLVD	yes	6,457.50	8,126.25	7,302.35	1,668.74	844.84	-823.90	yes	yes	no
2677182	0	0	yes	22.96	29.71	29.25	6.75	6.29	-0.46	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2677184	ROSE AVE	ROSE AVE	yes	135.99	131.90	132.10	-4.09	-3.89	0.20	no	no	no
2677185	0	0	0	22.32	29.85	29.08	7.53	6.76	-0.77	yes	yes	no
2677186	PENMAR AVE	PENMAR AVE	yes	18.03	22.54	21.53	4.51	3.49	-1.02	yes	yes	no
2677187	LINCOLN BLVD	LINCOLN BLVD	yes	6,652.38	8,341.96	7,509.38	1,689.57	857.00	-832.57	yes	yes	no
2677188	0	0	0	0.07	0.20	0.18	0.13	0.10	-0.02	no	no	no
2677189	0	0	0	22.07	28.77	28.04	6.70	5.97	-0.73	yes	yes	no
2677190	PENMAR AVE	PENMAR AVE	yes	16.48	20.14	19.53	3.66	3.05	-0.61	yes	yes	no
2677191	VICTORIA AVE	VICTORIA AVE	yes	15.99	44.84	42.19	28.86	26.21	-2.65	yes	yes	no
2677194	0	0	0	1.85	2.67	2.46	0.82	0.61	-0.21	no	no	no
2677195	0	0	0	0.07	0.12	0.07	0.04	-0.01	-0.05	no	no	no
2677196	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677197	0	0	0	2.00	2.49	2.26	0.49	0.26	-0.23	no	no	no
2677198	0	0	0	0.02	0.03	0.03	0.01	0.00	0.00	no	no	no
2677199	WALGROVE AVE	WALGROVE AVE	yes	453.63	576.19	527.52	122.56	73.89	-48.67	yes	yes	no
2677200	0	0	0	0.33	0.66	0.54	0.33	0.21	-0.12	no	no	no
2677201	0	0	0	1.90	2.13	1.99	0.23	0.09	-0.14	no	no	no
2677202	0	0	0	0.09	0.09	0.10	0.00	0.01	0.01	no	no	no
2677203	0	0	0	5.57	6.15	5.55	0.58	-0.02	-0.60	no	no	no
2677204	0	0	0	0.33	0.55	0.50	0.22	0.17	-0.05	no	no	no
2677219	0	0	0	13.68	15.21	13.52	1.53	-0.15	-1.68	yes	no	no
2677220	BROOKS AVE	BROOKS AVE	yes	19.40	22.62	15.02	3.22	-4.38	-7.61	yes	no	no
2677221	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677222	0	0	0	2.70	3.15	2.86	0.45	0.15	-0.30	no	no	no
2677223	CALIFORNIA AVE	CALIFORNIA AVE	yes	0.52	10.31	10.84	9.80	10.32	0.52	yes	yes	no
2677224	0	0	0	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
2677225	0	0	0	3.20	3.29	2.98	0.09	-0.22	-0.32	no	no	no
2677226	RIALTO AVE	RIALTO AVE	yes	10.39	16.30	14.80	5.91	4.41	-1.50	yes	yes	no
2677227	0	0	0	85.86	108.67	106.82	22.81	20.97	-1.84	yes	yes	no
2677228	VENICE WAY	VENICE WAY	yes	4,776.50	5,933.10	5,541.87	1,156.60	765.37	-391.22	yes	yes	no
2677229	0	0	0	0.04	0.04	0.03	0.00	-0.01	-0.01	no	no	no
2677230	0	0	0	1.52	2.05	1.85	0.53	0.33	-0.20	no	no	no
2677231	WESTMINSTER AVE	WESTMINSTER AVE	yes	0.68	0.88	0.53	0.20	-0.15	-0.35	no	no	no
2677232	0	0	0	0.02	0.01	0.01	-0.01	0.00	0.00	no	no	no
2677233	0	0	0	6.32	7.65	6.89	1.32	0.56	-0.76	yes	no	no
2677234	0	0	0	0.03	0.03	0.03	0.00	0.00	0.00	no	no	no
2677235	0	0	0	3.96	5.19	4.69	1.23	0.74	-0.50	yes	no	no
2677237	4TH AVE	4TH AVE	yes	16.48	20.70	19.73	4.22	3.25	-0.97	yes	yes	no
2677238	0	0	0	6.38	8.39	7.58	2.01	1.20	-0.82	yes	yes	no
2677239	0	0	0	81.80	103.06	101.36	21.26	19.56	-1.70	yes	yes	no
2677240	MAIN ST	MAIN ST	yes	2,254.39	2,652.41	2,493.64	398.03	239.25	-158.78	yes	yes	no
2677241	ROSE AVE	ROSE AVE	yes	43.69	13.25	15.70	-30.43	-27.99	2.45	no	no	yes
2677242	0	0	0	100.61	127.73	125.51	27.12	24.90	-2.22	yes	yes	no
2677243	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677244	PACIFIC AVE	PACIFIC AVE	yes	3,188.68	4,455.13	4,032.94	1,266.45	844.27	-422.19	yes	yes	no
2677245	0	0	0	6.41	7.79	7.06	1.38	0.65	-0.73	yes	no	no
2677247	0	0	0	11.49	13.57	12.33	2.08	0.84	-1.24	yes	no	no
2677248	LINCOLN BLVD	LINCOLN BLVD	yes	6,148.16	7,756.24	6,955.97	1,608.08	807.81	-800.27	yes	yes	no
2677249	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	190.03	220.98	202.43	30.95	12.40	-18.56	yes	yes	no
2677268	0	0	0	141.59	175.58	174.61	33.99	33.02	-0.97	yes	yes	no
2677269	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677272	0	0	0	4.71	5.05	4.33	0.34	-0.38	-0.72	no	no	no
2677273	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677274	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677275	0	0	0	5.05	4.34	3.96	-0.71	-1.09	-0.38	no	no	no
2677276	0	0	0	1.53	1.65	1.45	0.11	-0.08	-0.20	no	no	no
2677277	0	0	0	1.50	1.54	1.39	0.04	-0.11	-0.15	no	no	no
2677278	0	0	0	0.90	1.08	0.97	0.18	0.07	-0.11	no	no	no
2677279	0	0	0	4.50	5.37	4.85	0.86	0.35	-0.51	no	no	no
2677280	0	0	0	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
2677284	VIA MARINA	VIA MARINA	yes	4,971.04	6,178.91	5,710.59	1,207.87	739.55	-468.32	yes	yes	no
2677286	0	0	0	0.04	0.06	0.03	0.02	-0.01	-0.03	no	no	no
2677287	0	0	0	6.27	8.06	6.78	1.78	0.51	-1.28	yes	no	no
2677288	0	0	0	40.36	51.31	50.30	10.95	9.94	-1.01	yes	yes	no
2677289	WALGROVE AVE	WALGROVE AVE	yes	476.50	604.81	555.31	128.30	78.81	-49.49	yes	yes	no
2677290	0	0	0	1.29	1.78	1.59	0.48	0.30	-0.18	no	no	no
2677291	0	0	0	3.30	3.55	3.10	0.25	-0.20	-0.45	no	no	no
2677292	GLENCOE AVE	GLENCOE AVE	yes	43.40	55.87	60.45	12.47	17.05	4.58	yes	yes	yes
2677293	0	0	0	0.68	0.60	0.30	-0.08	-0.38	-0.30	no	no	no
2677294	0	0	0	3.81	3.84	3.35	0.03	-0.46	-0.49	no	no	no
2677295	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2677296	0	0	yes	1.74	1.84	1.61	0.10	-0.13	-0.23	no	no	no
2677297	0	0	yes	1.59	1.74	1.51	0.15	-0.08	-0.23	no	no	no
2677298	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677299	0	0	yes	5.07	5.69	4.98	0.62	-0.09	-0.71	no	no	no
2677300	0	0	yes	4.38	5.75	5.45	1.37	1.08	-0.29	yes	yes	no
2677301	WASHINGTON BLVD	WASHINGTON BLVD	yes	11.02	17.47	17.40	6.44	6.38	-0.06	yes	yes	no
2677302	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677303	0	0	yes	2.77	3.67	3.24	0.89	0.47	-0.43	no	no	no
2677304	0	0	yes	4.79	6.36	5.90	1.57	1.11	-0.46	yes	yes	no
2677305	0	0	yes	6.61	9.23	8.32	2.62	1.72	-0.90	yes	yes	no
2677306	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677307	0	0	yes	0.18	0.39	0.27	0.22	0.10	-0.12	no	no	no
2677308	0	0	yes	2.25	2.49	2.32	0.25	0.07	-0.17	no	no	no
2677309	SAWTELLE BLVD	SAWTELLE BLVD	yes	7.98	9.52	11.48	1.55	3.50	1.96	yes	yes	yes
2677310	SLAUSON AVE	SLAUSON AVE	yes	3.88	5.65	5.13	1.76	1.25	-0.52	yes	yes	no
2677311	0	0	yes	2.20	2.48	2.24	0.28	0.04	-0.24	no	no	no
2677312	TEALE ST	TEALE ST	yes	16.25	34.52	32.85	18.27	16.60	-1.67	yes	yes	no
2677314	0	0	yes	13.93	37.23	32.29	23.30	18.37	-4.93	yes	yes	no
2677316	CORAL TREE PL	CORAL TREE PL	yes	2.31	4.60	3.92	2.29	1.62	-0.67	yes	yes	no
2677317	0	0	yes	18.93	20.59	17.93	1.65	-1.00	-2.65	yes	no	no
2677319	0	0	yes	18.59	16.42	14.59	-2.17	-4.00	-1.83	no	no	no
2677320	TEALE ST	TEALE ST	yes	7.97	175.76	164.68	167.78	156.70	-11.08	yes	yes	no
2677321	TEALE ST	TEALE ST	no	7.97	175.76	164.68	167.78	164.68	164.68	yes	yes	yes
2677324	0	0	yes	1.55	8.77	7.74	7.22	6.19	-1.03	yes	yes	no
2677325	0	0	yes	0.94	3.82	3.85	2.87	2.91	0.03	yes	yes	no
2677326	0	0	yes	15.98	52.69	46.73	36.71	30.75	-5.96	yes	yes	no
2677327	0	0	yes	0.15	0.41	0.28	0.26	0.13	-0.13	no	no	no
2677328	0	0	yes	9.08	11.44	10.68	2.36	1.60	-0.76	yes	yes	no
2677329	0	0	yes	0.26	0.33	0.33	0.07	0.06	-0.01	no	no	no
2677331	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677332	0	0	yes	7.24	8.46	7.51	1.22	0.27	-0.95	yes	no	no
2677333	0	0	yes	43.22	53.08	2.02	9.85	-41.20	-51.05	yes	no	no
2677334	0	0	yes	0.00	1.50	0.63	1.50	0.62	-0.88	yes	no	no
2677335	WESTCHESTER PKY	WESTCHESTER PKY	yes	1,134.50	1,481.78	1,514.32	347.27	379.82	32.55	yes	yes	yes
2677336	0	0	yes	0.02	8.44	8.23	8.42	8.21	-0.21	yes	yes	no
2677337	0	0	yes	83.94	106.92	105.43	22.98	21.49	-1.49	yes	yes	no
2677338	0	0	yes	119.05	151.92	149.74	32.88	30.69	-2.18	yes	yes	no
2677339	0	0	yes	18.49	19.24	16.98	0.75	-1.51	-2.26	no	no	no
2677340	0	0	yes	1.20	1.01	0.03	-0.19	-1.17	-0.98	no	no	no
2677341	0	0	yes	4.65	6.56	4.30	1.91	-0.35	-2.26	yes	no	no
2677342	0	0	yes	3.07	3.78	4.32	0.71	1.25	0.54	no	yes	no
2677343	W MANCHESTER AVE	W MANCHESTER AVE	yes	703.51	928.70	281.89	225.18	-421.62	-646.80	yes	no	no
2677344	WILEY POST AVE	WILEY POST AVE	yes	662.93	1,553.11	1,063.27	890.19	400.34	-489.85	yes	yes	no
2677345	0	0	yes	406.64	518.19	510.45	111.55	103.81	-7.74	yes	yes	no
2677348	0	0	yes	20.63	22.30	16.63	1.67	-4.00	-5.67	yes	no	no
2677350	Hindry Ave	Hindry Ave	yes	3,259.19	4,184.19	4,170.34	925.00	911.15	-13.84	yes	yes	no
2677351	Hindry Ave	Hindry Ave	yes	3,314.87	3,789.52	4,915.68	474.65	1,600.81	1,126.16	yes	yes	yes
2677352	Hindry Ave	Hindry Ave	yes	3,675.45	4,632.08	3,858.50	956.63	183.06	-773.58	yes	yes	no
2677353	0	0	yes	273.27	343.84	335.96	70.57	62.69	-7.88	yes	yes	no
2677354	0	0	yes	29.32	38.58	2.14	9.26	-27.18	-36.44	yes	no	no
2677355	0	0	yes	13.38	23.08	14.46	9.69	1.07	-8.62	yes	yes	no
2677358	0	0	yes	27.07	31.23	17.09	4.15	-9.98	-14.14	yes	no	no
2677359	S FAIRFAX AVE	S FAIRFAX AVE	yes	0.24	0.25	0.26	0.01	0.01	0.00	no	no	no
2677360	0	0	yes	2.38	2.63	2.26	0.25	-0.11	-0.36	no	no	no
2677361	0	0	yes	0.02	0.03	0.03	0.01	0.01	-0.01	no	no	no
2677362	BUCKINGHAM PKY	BUCKINGHAM PKY	yes	2.40	2.96	2.77	0.57	0.37	-0.20	no	no	no
2677363	0	0	yes	2.39	2.69	2.69	0.30	0.30	0.00	no	no	no
2677364	0	0	yes	16.60	14.19	12.38	-2.40	-4.22	-1.82	no	no	no
2677366	SAWTELLE BLVD	SAWTELLE BLVD	yes	14.51	25.09	26.36	11.85	11.85	1.27	yes	yes	yes
2677368	0	0	yes	20.77	29.59	29.05	8.83	8.28	-0.55	yes	yes	no
2677369	0	0	yes	4.47	5.30	4.72	0.83	0.25	-0.58	no	no	no
2677371	0	0	yes	5.94	3.66	3.24	-2.28	-2.70	-0.42	no	no	no
2677373	0	0	yes	9.24	11.51	11.29	2.28	2.05	-0.22	yes	yes	no
2677374	0	0	yes	1.64	1.70	1.46	0.06	-0.18	-0.24	no	no	no
2677375	0	0	yes	0.53	0.64	0.55	0.10	0.02	-0.09	no	no	no
2677376	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677377	0	0	yes	0.76	0.90	0.79	0.14	0.02	-0.11	no	no	no
2677378	0	0	yes	0.75	0.89	0.79	0.15	0.04	-0.11	no	no	no
2677379	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677381	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no

ID	ROAD_NAME			Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP			2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2677382	0	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677383	0	0	0	yes	3.52	4.32	3.91	0.80	0.38	-0.41	no	no	no
2677384	0	0	0	yes	0.06	0.03	0.03	-0.03	-0.02	0.01	no	no	no
2677391	0	0	0	yes	22.78	27.55	24.07	4.77	1.30	-3.47	yes	yes	no
2677392	S YUKON AVE	S YUKON AVE	yes	167.77	242.04	234.62	74.28	66.85	-7.43	yes	yes	no	
2677393	CRENSHAW BLVD	CRENSHAW BLVD	yes	93.36	150.34	110.39	56.98	17.03	-39.95	yes	yes	no	
2677394	W 110TH ST	W 110TH ST	yes	156.34	227.01	224.43	70.68	68.09	-2.59	yes	yes	no	
2677395	W 110TH ST	W 110TH ST	yes	129.77	204.96	194.49	75.19	64.72	-10.46	yes	yes	no	
2677396	W 110TH ST	W 110TH ST	yes	129.77	204.95	194.49	75.19	64.72	-10.47	yes	yes	no	
2677397	W 110TH ST	W 110TH ST	yes	156.34	227.01	224.43	70.68	68.09	-2.59	yes	yes	no	
2677399	0	0	0	yes	0.01	0.01	0.01	0.00	0.00	0.00	no	no	no
2677400	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	8,748.82	11,714.53	11,269.31	2,965.70	2,520.49	-445.22	yes	yes	no	
2677401	BRADLEY PL	BRADLEY PL	yes	7,954.12	10,869.49	10,421.78	2,915.37	2,467.66	-447.71	yes	yes	no	
2677402	W FAIRVIEW BLVD	W FAIRVIEW BLVD	yes	240.05	516.80	414.85	276.75	174.80	-101.95	yes	yes	no	
2677403	W FAIRVIEW BLVD	W FAIRVIEW BLVD	yes	238.60	516.07	413.60	277.47	175.00	-102.47	yes	yes	no	
2677421	ADMIRALTY WAY	ADMIRALTY WAY	yes	5,878.33	7,673.94	7,062.60	1,795.61	1,184.27	-611.34	yes	yes	no	
2677423	0	0	0	yes	340.90	444.19	393.28	103.29	52.37	-50.92	yes	yes	no
2677424	0	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677425	LOYOLA BLVD	LOYOLA BLVD	no	426.35	528.45	1,313.78	102.09	1,313.78	1,313.78	yes	yes	yes	
2677426	Hindry Ave	Hindry Ave	yes	884.56	735.51	1,059.85	-149.05	175.29	324.34	no	yes	yes	
2677435	0	0	0	yes	26.63	31.42	25.53	4.79	-1.10	-5.89	yes	no	no
2677436	0	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677437	0	0	0	yes	0.35	0.80	0.79	0.45	0.44	-0.01	no	no	no
2677438	0	0	0	yes	11.79	21.68	22.36	9.89	10.57	0.68	yes	yes	no
2677440	0	0	0	yes	16.46	18.27	9.46	1.81	-7.00	-8.81	yes	no	no
2677441	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	31.11	42.44	32.49	11.33	1.38	-9.95	yes	yes	no	
2677442	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	245.71	405.31	860.68	159.60	614.97	455.37	yes	yes	yes	
2677443	0	0	0	yes	50.08	65.48	64.18	15.40	14.10	-1.30	yes	yes	no
2677444	0	0	0	yes	38.35	47.14	45.20	8.79	6.85	-1.94	yes	yes	no
2677445	0	0	0	yes	3.27	6.61	5.86	3.33	2.59	-0.75	yes	yes	no
2677446	ROSE AVE	ROSE AVE	yes	15.55	19.72	18.93	4.17	3.38	-0.79	yes	yes	no	
2677447	0	0	0	yes	4.23	5.73	5.17	1.51	0.95	-0.56	yes	no	no
2677448	0	0	0	yes	21.29	27.45	26.82	6.16	5.53	-0.63	yes	yes	no
2677449	VIA MARINA	VIA MARINA	yes	4,971.93	6,180.14	5,711.75	1,208.21	739.82	-468.39	yes	yes	no	
2677450	0	0	0	yes	0.89	1.23	1.16	0.34	0.27	-0.07	no	no	no
2677451	0	0	0	yes	4.07	4.89	4.39	0.82	0.32	-0.50	no	no	no
2677452	0	0	0	yes	79.93	111.33	105.29	31.41	25.36	-6.05	yes	yes	no
2677453	0	0	0	yes	16.97	21.04	19.09	4.08	2.12	-1.95	yes	yes	no
2677454	MAXELLA AVE	MAXELLA AVE	yes	212.30	267.90	226.46	55.59	14.16	-41.44	yes	yes	no	
2677455	0	0	0	yes	2.79	4.26	3.95	1.47	1.16	-0.31	yes	yes	no
2677456	0	0	0	yes	82.39	107.54	104.77	25.15	22.38	-2.78	yes	yes	no
2677457	SAWTELLE BLVD	SAWTELLE BLVD	yes	9.05	10.77	12.68	1.73	3.64	1.91	yes	yes	yes	
2677458	0	0	0	yes	4.56	5.50	5.31	0.95	0.75	-0.19	no	no	no
2677459	0	0	0	yes	15.35	16.16	15.81	0.81	0.46	-0.35	no	no	no
2677460	0	0	0	yes	0.69	0.72	0.57	0.04	-0.12	-0.15	no	no	no
2677461	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	341.53	499.21	414.57	157.68	73.03	-84.65	yes	yes	no	
2677462	0	0	0	yes	4.98	4.87	4.61	-0.11	-0.37	-0.26	no	no	no
2677463	CULVER BLVD	CULVER BLVD	yes	250.44	311.55	320.05	61.10	69.61	8.51	yes	yes	yes	
2677464	0	0	0	yes	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677465	0	0	0	yes	1.68	3.17	2.89	1.48	1.21	-0.28	yes	yes	no
2677466	0	0	0	yes	218.02	276.54	270.16	58.52	52.14	-6.38	yes	yes	no
2677467	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	2,731.36	2,945.48	2,377.46	214.12	-353.90	-568.02	yes	yes	no	
2677469	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	3,460.09	5,020.21	2,951.51	1,560.12	-508.58	-2,068.70	yes	no	no	
2677470	W OLIVE ST	W OLIVE ST	yes	317.46	493.70	8.40	176.24	-309.07	-485.31	yes	no	no	
2677471	W OLIVE ST	W OLIVE ST	yes	317.46	493.70	8.40	176.24	-309.07	-485.31	yes	no	no	
2677472	W OLIVE ST	W OLIVE ST	yes	317.46	493.70	8.40	176.24	-309.07	-485.31	yes	no	no	
2677473	W OLIVE ST	W OLIVE ST	yes	317.46	493.70	8.40	176.24	-309.07	-485.31	yes	no	no	
2677474	W OLIVE ST	W OLIVE ST	yes	317.46	493.70	8.40	176.24	-309.07	-485.31	yes	no	no	
2677475	0	0	0	yes	217.99	290.91	257.01	72.93	39.03	-33.90	yes	yes	no
2677476	VISTA DEL MAR LN	VISTA DEL MAR LN	yes	11.06	17.03	15.70	5.97	4.64	-1.33	yes	yes	no	
2677477	VISTA DEL MAR	VISTA DEL MAR	yes	4.70	8.88	7.44	4.18	2.74	-1.44	yes	yes	no	
2677478	0	0	0	yes	0.77	0.59	0.52	-0.18	-0.25	-0.08	no	no	no
2677479	0	0	0	yes	3.32	4.04	3.54	0.72	0.22	-0.50	no	no	no
2677480	0	0	0	yes	321.20	412.10	403.96	90.90	82.76	-8.14	yes	yes	no
2677481	0	0	0	yes	3.47	3.43	3.15	-0.04	-0.32	-0.28	no	no	no
2677482	0	0	0	yes	0.41	2.42	2.40	2.01	1.99	-0.02	yes	yes	no
2677483	0	0	0	yes	1.46	3.91	2.72	2.45	1.26	-1.19	yes	yes	no
2677484	0	0	0	yes	463.60	591.73	581.74	128.13	118.14	-9.99	yes	yes	no
2677485	0	0	0	yes	0.92	1.19	1.06	0.27	0.15	-0.13	no	no	no
2677486	W CENTURY BLVD	W CENTURY BLVD	yes	60,760.06	85,740.03	65,017.00	24,979.97	4,256.94	-20,723.03	yes	yes	no	

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	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2677487	W 96TH ST	W 96TH ST	yes	1,846.72	1,700.41	2,122.42	-146.32	275.69	422.01	no	yes	yes
2677488	AIRPORT BLVD	AIRPORT BLVD	yes	10,851.93	12,311.61	16,180.09	1,459.68	5,328.16	3,868.48	yes	yes	yes
2677489	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	8,699.86	11,729.06	10,703.71	3,029.20	2,003.84	-1,025.36	yes	yes	no
2677490	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	2,673.62	3,523.03	3,979.74	849.42	1,306.12	456.71	yes	yes	yes
2677491	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	6,445.65	7,002.13	6,727.62	556.48	281.96	-274.51	yes	yes	no
2677493	0	0	0	586.91	668.82	671.20	81.92	84.30	2.38	yes	yes	yes
2677495	0	0	0	997.76	1,034.11	992.65	36.35	-5.11	-41.46	yes	no	no
2677496	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677497	0	0	0	5,744.67	5,102.19	5,698.10	-642.49	-46.57	595.92	no	no	yes
2677498	0	0	0	8,912.99	10,108.09	10,108.58	1,195.10	1,195.60	0.49	yes	yes	no
2677499	0	0	0	6,125.45	6,606.79	6,590.89	481.34	465.44	-15.90	yes	yes	no
2677500	0	0	0	5,676.44	5,979.62	5,976.85	303.18	300.41	-2.77	yes	yes	no
2677501	0	0	0	5,239.29	5,737.72	5,732.66	498.44	493.38	-5.06	yes	yes	no
2677502	0	0	0	4,990.34	5,415.92	5,426.76	425.57	436.42	10.84	yes	yes	yes
2677503	0	0	0	4,556.50	4,849.89	4,856.03	293.39	299.53	6.14	yes	yes	yes
2677504	0	0	0	595.11	561.61	0.00	-33.50	-595.11	-561.61	no	no	no
2677505	0	0	0	1,654.92	2,094.97	0.00	440.05	-1,654.92	-2,094.97	yes	no	no
2677506	0	0	0	3,692.35	4,012.61	4,012.59	320.26	320.24	-0.01	yes	yes	no
2677507	0	0	0	4,390.41	4,791.08	4,785.49	400.67	395.08	-5.59	yes	yes	no
2677508	0	0	0	3,801.65	4,145.79	4,144.72	344.15	343.07	-1.08	yes	yes	no
2677509	0	0	0	2,993.92	3,386.76	3,388.33	392.84	394.41	1.56	yes	yes	yes
2677510	0	0	0	1,545.99	1,712.59	1,710.02	166.60	164.04	-2.56	yes	yes	no
2677511	0	0	0	4,209.58	4,651.23	4,648.89	441.66	439.31	-2.34	yes	yes	no
2677512	0	0	0	1,939.08	2,121.21	2,120.53	182.13	181.45	-0.68	yes	yes	no
2677513	0	0	0	1,180.95	1,334.49	0.00	153.55	-1,180.95	-1,334.49	yes	no	no
2677514	0	0	0	5,687.50	6,685.78	0.00	998.28	-5,687.50	-6,685.78	yes	no	no
2677515	0	0	0	717.40	770.94	0.00	53.55	-717.40	-770.94	yes	no	no
2677516	0	0	0	4,580.53	5,365.13	0.00	784.60	-4,580.53	-5,365.13	yes	no	no
2677517	0	0	0	248.46	228.70	0.00	-19.76	-248.46	-228.70	no	no	no
2677518	0	0	0	996.79	1,212.35	0.00	215.56	-996.79	-1,212.35	yes	no	no
2677519	0	0	0	1,117.79	1,216.21	0.00	98.41	-1,117.79	-1,216.21	yes	no	no
2677520	0	0	0	3,464.98	4,022.23	0.00	557.25	-3,464.98	-4,022.23	yes	no	no
2677521	0	0	0	1,002.12	1,186.13	0.00	184.00	-1,002.12	-1,186.13	yes	no	no
2677522	0	0	0	1,711.84	2,022.76	0.00	310.93	-1,711.84	-2,022.76	yes	no	no
2677523	0	0	0	1,162.21	378.32	1,025.28	-783.90	-136.94	646.96	no	no	yes
2677524	0	0	0	206.52	807.47	1,146.87	600.95	940.35	339.40	yes	yes	yes
2677525	0	0	0	3,511.37	4,236.86	0.00	725.49	-3,511.37	-4,236.86	yes	no	no
2677526	0	0	0	2,573.78	2,885.23	0.00	311.45	-2,573.78	-2,885.23	yes	no	no
2677527	0	0	0	1,883.86	1,095.65	0.00	-788.21	-1,883.86	-1,095.65	no	no	no
2677528	0	0	0	697.91	378.58	0.00	-319.33	-697.91	-378.58	no	no	no
2677529	0	0	0	695.11	125.41	465.03	-569.70	-230.08	339.62	no	no	yes
2677530	0	0	0	22.20	308.10	149.47	285.90	127.27	-158.63	yes	yes	no
2677531	0	0	0	741.91	558.92	1,163.11	-182.98	421.20	604.19	no	yes	yes
2677532	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677533	0	0	0	623.29	404.12	557.32	-219.17	-65.97	153.20	no	no	yes
2677534	0	0	0	2,735.32	2,320.11	2,404.88	-415.21	-330.45	84.77	no	no	yes
2677535	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677536	W 98TH ST	W 98TH ST	yes	1,318.97	2,732.43	14,723.88	1,413.46	13,404.91	11,991.45	yes	yes	yes
2677537	0	0	0	0.00	0.00	38,426.31	0.00	38,426.31	38,426.31	yes	yes	yes
2677539	0	0	0	0.15	0.11	0.04	-0.05	-0.11	-0.06	no	no	no
2677541	0	0	0	0.15	0.11	0.09	-0.04	-0.06	-0.01	no	no	no
2677543	0	0	0	0.00	0.00	6,630.13	0.00	6,630.13	6,630.13	no	yes	yes
2677545	0	0	0	1.59	0.99	0.90	-0.60	-0.69	-0.09	no	no	no
2677547	0	0	0	28.39	36.49	33.13	8.10	4.74	-3.36	yes	yes	no
2677548	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	27,661.17	35,830.21	31,386.23	8,169.04	3,725.06	-4,443.98	yes	yes	no
2677549	0	0	0	2,421.29	3,151.47	2,557.94	730.18	136.66	-593.53	yes	yes	no
2677550	0	0	0	0.00	0.01	0.02	0.01	0.02	0.01	no	no	no
2677551	0	0	0	0.32	0.22	0.25	-0.10	-0.07	0.03	no	no	no
2677552	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,121.36	4,605.21	10,881.39	1,483.85	7,760.04	6,276.18	yes	yes	yes
2677553	0	0	0	312.48	391.90	395.62	79.43	83.14	3.71	yes	yes	yes
2677555	0	0	0	43.49	67.78	54.22	24.29	10.73	-13.56	yes	yes	no
2677556	SAN DIEGO FWY	SAN DIEGO FWY	yes	14,466.09	18,360.38	18,357.10	3,894.30	3,891.01	-3.29	yes	yes	no
2677557	0	0	0	49.08	48.90	54.53	-0.18	5.45	5.63	no	yes	yes
2677560	SAWTELLE BLVD	SAWTELLE BLVD	yes	126.62	151.84	148.84	25.23	22.22	-3.01	yes	yes	no
2677561	SAWTELLE BLVD	SAWTELLE BLVD	yes	96.24	122.98	112.22	26.74	15.98	-10.77	yes	yes	no
2677562	0	0	0	30.38	28.86	36.62	-1.52	6.24	7.76	no	yes	yes
2677564	0	0	0	39.76	36.72	45.23	-3.04	5.47	8.51	no	yes	yes
2677565	0	0	0	49.08	48.90	54.53	-0.18	5.45	5.63	no	yes	yes
2677566	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677567	0	0	0	9,591.54	11,846.60	10,667.91	2,255.06	1,076.37	-1,178.69	yes	yes	no

ID	ROAD_NAME			Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP			2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2677568	0	0	0	yes	1.00	1.48	2.58	0.48	1.58	1.10	no	yes	yes
2677569	0	0	0	yes	0.48	0.76	0.50	0.28	0.02	-0.26	no	no	no
2677570	0	0	0	yes	7,553.73	10,069.08	8,981.97	2,515.35	1,428.24	-1,087.11	yes	yes	no
2677572	0	0	0	yes	1,074.11	1,209.60	1,159.72	135.49	85.62	-49.87	yes	yes	no
2677573	0	0	0	yes	18,261.59	22,237.46	22,785.00	3,975.87	4,523.41	547.54	yes	yes	yes
2677574	0	0	0	yes	18,261.59	22,237.46	22,785.00	3,975.87	4,523.41	547.54	yes	yes	yes
2677575	0	0	0	yes	169.85	641.91	486.22	472.06	316.37	-155.69	yes	yes	no
2677577	0	0	0	yes	560.62	983.76	1,323.98	423.15	763.36	340.22	yes	yes	yes
2677578	0	0	0	yes	75.83	528.15	135.72	452.32	59.89	-392.43	yes	yes	no
2677579	0	0	0	yes	169.85	641.91	486.22	472.06	316.37	-155.69	yes	yes	no
2677580	0	0	0	yes	466.59	870.00	973.47	403.41	506.88	103.48	yes	yes	yes
2677581	0	0	0	yes	5,557.24	6,112.14	5,013.55	554.90	-543.69	-1,098.59	yes	no	yes
2677582	0	0	0	yes	17,996.26	21,739.50	22,377.08	3,743.23	4,380.82	637.59	yes	yes	yes
2677583	0	0	0	yes	1,931.28	3,008.82	1,496.19	1,077.53	-435.09	-1,512.62	yes	no	no
2677584	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,692.53	7,120.88	7,745.49	1,428.35	2,052.95	624.60	yes	yes	yes	
2677585	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,014.66	4,528.90	5,355.80	-485.77	341.14	826.90	no	yes	yes	
2677586	0	0	0	yes	4,015.56	5,024.11	4,348.05	1,008.55	332.49	-676.06	yes	yes	no
2677587	0	0	0	yes	0.00	1.91	0.00	1.91	0.00	-1.91	yes	no	no
2677588	0	0	0	yes	886.05	992.66	978.14	106.62	92.09	-14.52	yes	yes	no
2677589	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,720.98	17,125.45	17,296.93	3,404.47	3,575.95	171.49	yes	yes	yes	
2677590	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	30,134.18	35,049.80	34,731.80	4,915.62	4,597.62	-318.00	yes	yes	no	
2677591	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	30,134.18	35,049.80	34,731.80	4,915.62	4,597.62	-318.00	yes	yes	no	
2677592	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	29,247.56	32,715.24	30,194.71	3,467.68	947.15	-2,520.53	yes	yes	no	
2677593	I 105 HOV	I 105 HOV	yes	7,125.74	8,566.90	8,225.71	1,441.16	1,099.97	-341.19	yes	yes	no	
2677594	I 105 HOV	I 105 HOV	yes	7,125.74	8,566.90	8,225.71	1,441.16	1,099.97	-341.19	yes	yes	no	
2677595	I 105 HOV	I 105 HOV	yes	7,125.74	8,566.90	8,225.71	1,441.16	1,099.97	-341.19	yes	yes	no	
2677596	I 105 HOV	I 105 HOV	yes	7,125.74	8,566.90	8,225.71	1,441.16	1,099.97	-341.19	yes	yes	no	
2677597	0	0	0	yes	2,143.88	3,779.88	5,951.32	1,636.00	3,807.44	2,171.44	yes	yes	yes
2677598	0	0	0	yes	2,143.88	3,779.88	5,951.32	1,636.00	3,807.44	2,171.44	yes	yes	yes
2677599	0	0	0	yes	186.76	228.18	217.28	41.42	30.52	-10.90	yes	yes	no
2677600	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,563.41	37,241.86	34,118.92	4,678.45	1,555.51	-3,122.94	yes	yes	no	
2677601	0	0	0	yes	601.05	798.49	676.16	197.44	75.11	-122.33	yes	yes	no
2677602	0	0	0	yes	601.05	798.49	676.16	197.44	75.11	-122.33	yes	yes	no
2677603	LINCOLN BLVD	LINCOLN BLVD	yes	13,946.35	17,797.45	16,198.21	3,851.10	2,251.86	-1,599.24	yes	yes	no	
2677604	NICHOLSON ST	NICHOLSON ST	yes	2,656.51	3,083.55	3,052.68	427.04	396.17	-30.87	yes	yes	no	
2677608	MARINA FWY	MARINA FWY	yes	517.55	609.25	610.45	91.70	92.89	1.19	yes	yes	yes	
2677609	MARINA FWY	MARINA FWY	yes	12.10	20.08	16.64	7.99	4.55	-3.44	yes	yes	no	
2677611	MARINA FWY	MARINA FWY	yes	517.55	609.25	610.45	91.70	92.89	1.19	yes	yes	yes	
2677612	MARINA FWY	MARINA FWY	yes	35.79	49.33	77.68	13.54	41.90	28.36	yes	yes	yes	
2677613	MARINA FWY	MARINA FWY	yes	0.21	2.05	1.60	1.84	1.39	-0.45	yes	yes	no	
2677616	MARINA FWY	MARINA FWY	yes	25.26	32.15	66.76	6.89	41.50	34.62	yes	yes	yes	
2677617	MARINA FWY	MARINA FWY	yes	25.26	32.15	66.76	6.89	41.50	34.62	yes	yes	yes	
2677618	MARINA FWY	MARINA FWY	yes	1.57	2.90	5.72	1.34	4.16	2.82	yes	yes	yes	
2677620	MARINA FWY	MARINA FWY	yes	6.78	9.87	13.00	3.09	6.21	3.12	yes	yes	yes	
2677621	MARINA FWY	MARINA FWY	yes	1.57	2.90	5.72	1.34	4.16	2.82	yes	yes	yes	
2677622	MARINA FWY	MARINA FWY	yes	5.22	6.97	7.28	1.75	2.06	0.31	yes	yes	no	
2677623	0	0	0	yes	15,270.82	17,173.24	15,875.26	1,902.42	604.44	-1,297.98	yes	yes	no
2677624	W CENTURY BLVD	W CENTURY BLVD	yes	0.00	0.37	0.00	0.37	0.00	-0.37	no	no	no	
2677627	SKY WAY	SKY WAY	yes	20,124.41	28,580.85	19,067.92	8,456.44	-1,056.49	-9,512.93	yes	no	no	
2677628	W 96TH ST	W 96TH ST	yes	24,140.05	21,734.79	25,419.01	-2,405.26	1,278.97	3,684.23	no	yes	yes	
2677629	W 96TH ST	W 96TH ST	yes	24,140.05	21,734.79	25,419.01	-2,405.26	1,278.97	3,684.23	no	yes	yes	
2677630	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	3,230.09	3,904.68	5,514.34	674.59	2,284.25	1,609.67	yes	yes	yes	
2677631	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	19,576.14	22,107.98	8,297.85	2,531.84	-11,278.29	-13,810.13	yes	no	no	
2677632	0	0	0	yes	3,718.90	3,627.74	3,285.59	-91.16	-433.31	-342.15	no	no	no
2677633	0	0	0	yes	5,371.99	6,151.81	6,147.86	779.82	775.87	-3.94	yes	yes	no
2677634	AVIATION BLVD	AVIATION BLVD	yes	6,890.08	8,656.86	10,926.78	1,766.78	4,036.69	2,269.92	yes	yes	yes	
2677635	no link	W 98TH ST	check	0.00	0.00	14,971.66	0.00	14,971.66	14,971.66	no	yes	yes	
2677636	no link	W 98TH ST	check	3,752.42	3,836.05	18,259.08	83.63	14,506.66	14,423.03	yes	yes	yes	
2677637	no link	W 98TH ST	check	3,752.42	3,836.05	18,259.08	83.63	14,506.66	14,423.03	yes	yes	yes	
2677638	no link	W 98TH ST	check	3,752.42	3,836.05	18,259.08	83.63	14,506.66	14,423.03	yes	yes	yes	
2677645	no link	Hindry Ave	check	0.00	0.00	17,756.10	0.00	17,756.10	17,756.10	no	yes	yes	
2677648	no link	Hindry Ave	check	0.00	0.00	12,178.30	0.00	12,178.30	12,178.30	no	yes	yes	
2677649	no link	W 98TH ST	check	0.00	0.00	24,711.88	0.00	24,711.88	24,711.88	no	yes	yes	
2677651	no link	W 98TH ST	check	0.00	0.00	17,167.30	0.00	17,167.30	17,167.30	no	yes	yes	
2677652	no link	W 98TH ST	check	0.00	0.00	21,496.74	0.00	21,496.74	21,496.74	no	yes	yes	
2677654	no link	W 98TH ST	check	0.00	0.00	10,648.91	0.00	10,648.91	10,648.91	no	yes	yes	
2677655	no link	AVIATION BLVD	check	6,890.08	8,656.86	16,428.88	1,766.78	9,538.80	7,772.02	yes	yes	yes	
2677657	no link	ITF Access	check	0.00	0.00	4,632.48	0.00	4,632.48	4,632.48	no	yes	yes	
2677660	no link	W 111TH ST	check	0.00	0.00	14,589.77	0.00	14,589.77	14,589.77	no	yes	yes	
2677663	no link	W 111TH ST	check	0.00	0.00	11,633.34	0.00	11,633.34	11,633.34	no	yes	yes	

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2024 BASE	2024 WLAMP	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE	2024BASE - 2014BASE	2024 WLAMP - 2014 Base	2024 WLAMP - 2024 BASE
2677664	no link		0 check	0.00	0.00	28.55	0.00	28.55	28.55	no	yes	yes
2677668	0		0 yes	4.71	8.44	8.81	3.73	4.09	0.36	yes	yes	no
2677670	no link	W 111TH ST	check	0.00	0.00	11,625.19	0.00	11,625.19	11,625.19	no	yes	yes
2677671	no link	W 98TH ST	check	0.00	0.00	11,196.18	0.00	11,196.18	11,196.18	no	yes	yes
2677672	W CENTURY BLVD	W CENTURY BLVD	yes	33,540.90	47,558.59	37,749.44	14,017.69	4,208.54	-9,809.15	yes	yes	no
2677673	no link	Hindry Ave	check	0.00	0.00	3,166.33	0.00	3,166.33	3,166.33	no	yes	yes
2677674	no link	Hindry Ave	check	0.00	0.00	2,038.31	0.00	2,038.31	2,038.31	no	yes	yes
2677675	no link	Hindry Ave	check	0.00	0.00	2,038.31	0.00	2,038.31	2,038.31	no	yes	yes
2677676	W 111TH ST	W 111TH ST	yes	218.02	350.90	12,100.21	132.88	11,882.20	11,749.32	yes	yes	yes
2677677	W 111TH ST	W 111TH ST	yes	218.02	350.90	482.04	132.88	264.03	131.15	yes	yes	yes
2677679	W 111TH ST	W 111TH ST	yes	218.02	350.90	482.04	132.88	264.03	131.15	yes	yes	yes
2677680	W 111TH ST	W 111TH ST	yes	194.60	296.25	463.67	101.65	269.07	167.43	yes	yes	yes
2677681	no link	TEALE ST	check	0.00	0.00	163.73	0.00	163.73	163.73	no	yes	yes
2677682	0	no link	check	0.00	0.00	0.00	0.00	0.00	0.00	no	no	no
2677683	W CENTURY BLVD	no link	check	4,480.89	9,846.85	0.00	5,365.96	-4,480.89	-9,846.85	yes	no	no
2677684	no link	TEALE ST	check	0.00	0.00	0.95	0.00	0.95	0.95	no	no	no
2677685	VICKSBURG AVE	LOYOLA BLVD	no	3,061.78	3,684.59	874.14	622.81	874.14	874.14	yes	yes	yes
2677686	LINCOLN BLVD	LINCOLN BLVD	no	6,801.56	8,712.28	8,333.90	1,910.72	8,333.90	8,333.90	yes	yes	yes
2677687	LINCOLN BLVD	LINCOLN BLVD	no	7,474.51	9,606.22	8,983.40	2,131.71	8,983.40	8,983.40	yes	yes	yes
2677688	no link	LOYOLA BLVD	check	0.00	0.00	425.25	0.00	425.25	425.25	no	yes	yes
2677689	La Tijera Blvd	no link	check	729.96	904.86	0.00	174.90	-729.96	-904.86	yes	no	no
2677690	La Tijera	LOYOLA BLVD	no	729.96	904.86	453.51	174.90	453.51	453.51	yes	yes	yes
2677691	La Tijera	W CENTURY BLVD	no	363.16	466.19	6,398.12	103.03	6,398.12	6,398.12	yes	yes	yes
2677692	TEALE ST	no link	check	0.00	4.59	0.00	4.59	0.00	-4.59	yes	no	no
2677693	TEALE ST	VICKSBURG AVE	no	0.00	4.59	7,519.81	4.59	7,519.81	7,519.81	yes	yes	yes
2677694	TEALE ST	no link	check	0.00	175.76	0.00	175.76	0.00	-175.76	yes	no	no
2677696	TEALE ST	no link	check	0.00	171.40	0.00	171.40	0.00	-171.40	yes	no	no
2677697	TEALE ST	no link	check	0.00	4.59	0.00	4.59	0.00	-4.59	yes	no	no

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- 2024 Parking Emissions Summary

**2024 Parking Volume Summary**

Select Zone	2024 LAMP	2024 BASE	Parking?
CARGO	10,775	11,982	no
CONRAC	17,167	n/a	yes
CTA	83,812	n/a	yes
ITFE	10,537	n/a	yes
ITFW	30,175	n/a	yes
PKG	5,698	n/a	yes
WAMA	10,109	10,108	no
CTA+PKG	n/a	112,231	yes
RACS	n/a	37,213	yes

Total Parking 147,389 149,444  
 Difference -2,054

**Running Exhaust Emissions**

		Emission Factors, grams per mile																													
		LDAT	0.032	0.046	0.976	0.075	0.003	0.000	0.005	0.008	0.037	0.005	0.002	0.016	503.729																
		Daily Emissions, pounds per day															Annual Emissions, tons per year														
Parking Lot	Volume, vehicles per day	Travel Distance, m	ROG	TOG	CO	NOx	SO2	DPM	PM10 Exhaust t	PM10 Tire Wear	PM10 Brake Wear	PM2.5 Exhaust t	PM2.5 Tire Wear	PM2.5 Brake Wear	CO2	ROG	TOG	CO	NOx	SO2	DPM	PM10 Exhaust t	PM10 Tire Wear	PM10 Brake Wear	PM2.5 Exhaust t	PM2.5 Tire Wear	PM2.5 Brake Wear	CO2			
CONRAC	17,167	400	0.30	0.44	9.18	0.71	0.03	0.00	0.05	0.08	0.35	0.05	0.02	0.15	4,738.46	0.05	0.08	1.68	0.13	0.00	0.00	0.01	0.01	0.06	0.01	0.00	0.03	864.77			
CTA	83,812	650	2.38	3.46	72.82	5.63	0.21	0.01	0.39	0.60	2.74	0.36	0.15	1.18	37,592.06	0.43	0.63	13.29	1.03	0.04	0.00	0.07	0.11	0.50	0.07	0.03	0.21	6,860.55			
ITFE	10,537	890	0.41	0.60	12.53	0.97	0.04	0.00	0.07	0.10	0.47	0.06	0.03	0.20	6,471.02	0.07	0.11	2.29	0.18	0.01	0.00	0.01	0.02	0.09	0.01	0.00	0.04	1,180.96			
ITFW	30,175	590	0.78	1.13	23.80	1.84	0.07	0.00	0.13	0.20	0.90	0.12	0.05	0.38	12,284.99	0.14	0.21	4.34	0.34	0.01	0.00	0.02	0.04	0.16	0.02	0.01	0.07	2,242.01			
PKG	5,698	630	0.16	0.23	4.80	0.37	0.01	0.00	0.03	0.04	0.18	0.02	0.01	0.08	2,477.11	0.03	0.04	0.88	0.07	0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.01	452.07			
CTA+PKG	112,231	650	3.19	4.63	97.51	7.54	0.29	0.02	0.52	0.80	3.67	0.48	0.20	1.57	50,338.79	0.58	0.84	17.79	1.38	0.05	0.00	0.09	0.15	0.67	0.09	0.04	0.29	9,186.83			
RACS	37,213	630	1.02	1.49	31.34	2.42	0.09	0.00	0.17	0.26	1.18	0.15	0.06	0.51	16,177.27	0.19	0.27	5.72	0.44	0.02	0.00	0.03	0.05	0.22	0.03	0.01	0.09	2,952.35			
<b>LAMP</b>	<b>147,389</b>	<b>n/a</b>	<b>4.02</b>	<b>5.85</b>	<b>123.12</b>	<b>9.53</b>	<b>0.36</b>	<b>0.02</b>	<b>0.66</b>	<b>1.01</b>	<b>4.64</b>	<b>0.60</b>	<b>0.25</b>	<b>1.99</b>	<b>63,563.64</b>	<b>0.73</b>	<b>1.07</b>	<b>22.47</b>	<b>1.74</b>	<b>0.07</b>	<b>0.00</b>	<b>0.12</b>	<b>0.18</b>	<b>0.85</b>	<b>0.11</b>	<b>0.05</b>	<b>0.36</b>	<b>11,600.36</b>			
<b>Baseline</b>	<b>149,444</b>	<b>n/a</b>	<b>4.21</b>	<b>6.12</b>	<b>128.84</b>	<b>9.97</b>	<b>0.38</b>	<b>0.02</b>	<b>0.69</b>	<b>1.06</b>	<b>4.85</b>	<b>0.63</b>	<b>0.26</b>	<b>2.08</b>	<b>66,516.06</b>	<b>0.77</b>	<b>1.12</b>	<b>23.51</b>	<b>1.82</b>	<b>0.07</b>	<b>0.00</b>	<b>0.13</b>	<b>0.19</b>	<b>0.89</b>	<b>0.12</b>	<b>0.05</b>	<b>0.38</b>	<b>12,139.18</b>			
<b>Difference</b>	<b>-2,054</b>	<b>n/a</b>	<b>-0.19</b>	<b>-0.27</b>	<b>-5.72</b>	<b>-0.44</b>	<b>-0.02</b>	<b>0.00</b>	<b>-0.03</b>	<b>-0.05</b>	<b>-0.22</b>	<b>-0.03</b>	<b>-0.01</b>	<b>-0.09</b>	<b>-2,952.42</b>	<b>-0.03</b>	<b>-0.05</b>	<b>-1.04</b>	<b>-0.08</b>	<b>0.00</b>	<b>0.00</b>	<b>-0.01</b>	<b>-0.01</b>	<b>-0.04</b>	<b>-0.01</b>	<b>0.00</b>	<b>-0.02</b>	<b>-538.82</b>			

Note: Perimeter of each lot used to estimate travel distance.

Totals may not add exactly because of rounding.

**Idle Emissions**

		Emission Factors, grams per hour																													
		LDAT	0.186	0.270	3.026	0.252	0.007	0.001	0.031	0.020	0.092	0.028	0.005	0.039	2,200.857																
		Daily Emissions, pounds per day															Annual Emissions, tons per year														
Parking Lot	Volume, vehicles per day	Travel Distance, m	ROG	TOG	CO	NOx	SO2	DPM	PM10 Exhaust t	PM10 Tire Wear	PM10 Brake Wear	PM2.5 Exhaust t	PM2.5 Tire Wear	PM2.5 Brake Wear	CO2	ROG	TOG	CO	NOx	SO2	DPM	PM10 Exhaust t	PM10 Tire Wear	PM10 Brake Wear	PM2.5 Exhaust t	PM2.5 Tire Wear	PM2.5 Brake Wear	CO2			
CONRAC	17,167	n/a	0.59	0.85	9.54	0.80	0.02	0.00	0.10	0.06	0.29	0.09	0.02	0.12	6,941.28	0.11	0.16	1.74	0.15	0.00	0.00	0.02	0.01	0.05	0.02	0.00	0.02	1,266.78			
CTA	83,812	n/a	2.86	4.15	46.60	3.88	0.11	0.01	0.47	0.31	1.41	0.43	0.08	0.61	33,887.93	0.52	0.76	8.50	0.71	0.02	0.00	0.09	0.06	0.26	0.08	0.01	0.11	6,184.55			
ITFE	10,537	n/a	0.36	0.52	5.86	0.49	0.01	0.00	0.06	0.04	0.18	0.05	0.01	0.08	4,260.35	0.07	0.10	1.07	0.09	0.00	0.00	0.01	0.01	0.03	0.01	0.00	0.01	777.51			
ITFW	30,175	n/a	1.03	1.50	16.78	1.40	0.04	0.00	0.17	0.11	0.51	0.16	0.03	0.22	12,200.71	0.19	0.27	3.06	0.26	0.01	0.00	0.03	0.02	0.09	0.03	0.01	0.04	2,226.63			
PKG	5,698	n/a	0.19	0.28	3.17	0.26	0.01	0.00	0.03	0.02	0.10	0.03	0.01	0.04	2,303.92	0.04	0.05	0.58	0.05	0.00	0.00	0.01	0.00	0.02	0.01	0.00	0.01	420.47			
CTA+PKG	112,231	n/a	3.83	5.56	62.40	5.20	0.15	0.01	0.63	0.41	1.89	0.58	0.10	0.81	45,378.67	0.70	1.01	11.39	0.95	0.03	0.00	0.12	0.08	0.35	0.11	0.02	0.15	8,281.61			
RACS	37,213	n/a	1.27	1.84	20.69	1.72	0.05	0.00	0.21	0.14	0.63	0.19	0.03	0.27	15,046.21	0.23	0.34	3.78	0.31	0.01	0.00	0.04	0.02	0.11	0.04	0.01	0.05	2,745.93			
<b>LAMP</b>	<b>147,389</b>	<b>n/a</b>	<b>5.03</b>	<b>7.30</b>	<b>81.95</b>	<b>6.83</b>	<b>0.19</b>	<b>0.02</b>	<b>0.83</b>	<b>0.54</b>	<b>2.49</b>	<b>0.76</b>	<b>0.14</b>	<b>1.07</b>	<b>59,594.20</b>	<b>0.92</b>	<b>1.33</b>	<b>14.96</b>	<b>1.25</b>	<b>0.04</b>	<b>0.00</b>	<b>0.15</b>	<b>0.10</b>	<b>0.45</b>	<b>0.14</b>	<b>0.02</b>	<b>0.19</b>	<b>10,875.94</b>			
<b>Baseline</b>	<b>149,444</b>	<b>n/a</b>	<b>5.10</b>	<b>7.40</b>	<b>83.09</b>	<b>6.93</b>	<b>0.20</b>	<b>0.02</b>	<b>0.84</b>	<b>0.55</b>	<b>2.52</b>	<b>0.77</b>	<b>0.14</b>	<b>1.08</b>	<b>60,424.88</b>	<b>0.93</b>	<b>1.35</b>	<b>15.16</b>	<b>1.26</b>	<b>0.04</b>	<b>0.00</b>	<b>0.15</b>	<b>0.10</b>	<b>0.46</b>	<b>0.14</b>	<b>0.03</b>	<b>0.20</b>	<b>11,027.54</b>			
<b>Difference</b>	<b>-2,054</b>	<b>n/a</b>	<b>-0.07</b>	<b>-0.10</b>	<b>-1.14</b>	<b>-0.10</b>	<b>0.00</b>	<b>0.00</b>	<b>-0.01</b>	<b>-0.01</b>	<b>-0.03</b>	<b>-0.01</b>	<b>0.00</b>	<b>-0.01</b>	<b>-830.69</b>	<b>-0.01</b>	<b>-0.02</b>	<b>-0.21</b>	<b>-0.02</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>-0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>-151.60</b>			

Totals may not add exactly because of rounding.

**Grand Total (Running Exhaust Plus Idle)**

LAMP	9.05	13.15	205.07	16.36	0.55	0.04	1.49	1.55	7.13	1.37	0.39	3.05	123,157.84	1.65	2.40	37.42	2.98	0.10	0.01	0.27	0.28	1.30	0.25	0.07	0.56	22,476.31
Baseline	9.31	13.52	211.93	16.89	0.57	0.04	1.53	1.61	7.38	1.41	0.40	3.16	126,940.95	1.70	2.47	38.68	3.08	0.10	0.01	0.28	0.29	1.35	0.26	0.07	0.58	23,166.72
Difference	-0.26	-0.37	-6.86	-0.54	-0.02	0.00	-0.04	-0.05	-0.25	-0.04	-0.01	-0.11	-3,783.11	-0.05	-0.07	-1.25	-0.10	0.00	0.00	-0.01	-0.01	-0.05	-0.01	0.00	-0.02	-690.42

**Parking Lot Speed**

15 mph

**Idle Speed**

2.5 mph

5 minutes per trip

**Conversions**

453.6 grams per day  
 2,000 pounds per ton  
 365 days per year  
 1,609.3 meters per mile  
 60 minutes per hour

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- 2035 Parking Volumes Summary

## Summary of Trip Generation Estimates

### Peak Hour Rates

	2035 Base				2035 LAMP				Difference
	AM	MD	PM	Total	AM	MD	PM	Total	
Rental Car Facilities (1)	1,296	2,207	1,671	5,174	0	0	0	0	-5,174
Off-Airport Parking (2)	219	268	242	729	212	260	235	707	-22
ITF (3)	0	0	0	0	1,728	2,310	2,300	6,338	6,338
Manchester Square (4)	0	0	0	0	2,038	3,243	2,680	7,961	7,961
CTA	9,215	13,427	13,466	36,108	6,708	10,051	9,967	26,726	-9,382
<b>Total</b>	<b>10,730</b>	<b>15,902</b>	<b>15,379</b>	<b>42,011</b>	<b>10,686</b>	<b>15,864</b>	<b>15,182</b>	<b>41,732</b>	<b>-279</b>

Notes:

(1) Includes 2015 Dollar RAC driveway counts.

(2) Includes 2015 Quik Park driveway counts and portion (50%) of 96th Street driveways counts w/o Alverstone.

(3) In Future w/LAMP Project scenarios, ITF includes ITF (West)

(4) In Future w/LAMP Project scenarios, Manchester Square includes CONRAC, ITF (East) and Parking.

Volume Change                    1.00669 (ratio of baseline to project)

Source:

[Lamp-Trip Generation Summary.pdf](#)

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- 2035 Traffic Link Volumes Comparison

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
10406	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,836.85	16,604.95	14,066.12	3,768.10	1,229.27	-2,538.83	yes	yes	no
10411	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,790.70	18,763.82	16,513.42	4,973.11	2,722.71	-2,250.40	yes	yes	no
10434	SANTA MONICA FWY	SANTA MONICA FWY	yes	919.03	1,390.81	1,691.25	471.78	772.22	300.44	yes	yes	yes
10455	SANTA MONICA FWY	SANTA MONICA FWY	yes	864.12	1,316.63	1,629.86	452.51	765.75	313.23	yes	yes	yes
10457	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,524.69	1,868.79	2,152.16	344.11	627.48	283.37	yes	yes	yes
10505	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,581.60	1,924.09	2,212.90	342.49	631.31	288.81	yes	yes	yes
10519	MARINA FWY	MARINA FWY	yes	962.45	1,176.16	1,050.79	213.71	88.34	-125.37	yes	yes	no
10650	SAN DIEGO FWY	SAN DIEGO FWY	yes	14,466.09	19,633.94	17,529.96	5,167.85	3,063.87	-2,103.98	yes	yes	no
10704	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,017.64	17,012.67	14,570.75	3,995.02	1,553.10	-2,441.92	yes	yes	no
10709	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,461.25	18,429.93	16,469.98	4,968.68	3,008.73	-1,959.95	yes	yes	no
10723	MARINA FWY	MARINA FWY	yes	529.64	678.39	582.37	148.75	52.73	-96.02	yes	yes	no
10734	SANTA MONICA FWY	SANTA MONICA FWY	yes	141.18	195.98	166.32	54.79	25.13	-29.66	yes	yes	no
10753	SANTA MONICA FWY	SANTA MONICA FWY	yes	47.89	57.07	51.33	9.19	3.44	-5.75	yes	yes	no
10775	SANTA MONICA FWY	SANTA MONICA FWY	yes	983.18	1,461.54	1,761.67	478.36	778.48	300.13	yes	yes	yes
10783	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,826.81	16,550.76	14,115.07	3,723.94	1,288.26	-2,435.69	yes	yes	no
10805	0	0	0 yes	156.16	213.40	181.25	57.24	25.09	-32.15	yes	yes	no
10806	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,396.44	16,931.75	14,359.12	4,535.31	1,962.68	-2,572.63	yes	yes	no
10807	0	0	0 yes	1,139.34	1,674.94	1,942.92	535.60	803.58	267.98	yes	yes	yes
10826	0	0	0 yes	88.94	100.19	117.39	11.25	28.45	17.20	yes	yes	yes
10829	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,028.21	17,854.55	15,652.48	4,826.34	2,624.27	-2,202.07	yes	yes	no
10835	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,624.33	1,974.53	2,261.58	350.20	637.25	287.05	yes	yes	yes
10846	SANTA MONICA FWY	SANTA MONICA FWY	yes	156.16	213.40	181.25	57.24	25.09	-32.15	yes	yes	no
10851	0	0	0 yes	1,624.33	1,974.53	2,261.58	350.20	637.25	287.05	yes	yes	yes
10867	0	0	0 yes	156.16	213.40	181.25	57.24	25.09	-32.15	yes	yes	no
10868	0	0	0 yes	983.18	1,461.54	1,761.67	478.36	778.48	300.13	yes	yes	yes
10885	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,490.90	16,397.60	13,988.54	3,906.70	1,497.64	-2,409.06	yes	yes	no
10900	SAN DIEGO FWY	SAN DIEGO FWY	yes	10,866.57	14,423.07	11,726.97	3,556.49	860.39	-2,696.10	yes	yes	no
10922	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,619.46	16,650.33	14,149.72	4,030.88	1,530.26	-2,500.62	yes	yes	no
10928	0	0	0 yes	983.18	1,461.54	1,761.67	478.36	778.48	300.13	yes	yes	yes
10956	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,624.33	1,974.53	2,261.58	350.20	637.25	287.05	yes	yes	yes
10966	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,435.23	17,392.16	14,819.20	3,956.93	1,383.98	-2,572.95	yes	yes	no
10973	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,720.98	18,700.45	16,451.45	4,979.47	2,730.47	-2,249.00	yes	yes	no
10974	SANTA MONICA FWY	SANTA MONICA FWY	yes	88.94	100.19	117.39	11.25	28.45	17.20	yes	yes	yes
11002	SANTA MONICA FWY	SANTA MONICA FWY	yes	964.60	1,439.62	1,741.32	475.02	776.71	301.69	yes	yes	yes
11195	SANTA MONICA FWY	SANTA MONICA FWY	yes	18.36	30.18	25.65	11.82	7.29	-4.53	yes	yes	no
11210	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,448.15	1,820.38	2,099.24	372.24	651.10	278.86	yes	yes	yes
11219	SANTA MONICA FWY	SANTA MONICA FWY	yes	141.18	195.98	166.32	54.79	25.13	-29.66	yes	yes	no
11278	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,204.32	15,293.45	13,720.57	3,089.12	1,516.25	-1,572.88	yes	yes	no
11294	SAN DIEGO FWY	SAN DIEGO FWY	yes	15,265.75	20,639.45	18,318.26	5,373.70	3,052.51	-2,321.19	yes	yes	no
11474	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,224.67	15,316.31	13,751.15	3,091.64	1,526.48	-1,565.16	yes	yes	no
11488	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,858.79	16,605.96	14,049.64	3,747.18	1,190.85	-2,556.33	yes	yes	no
11502	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,524.69	1,868.79	2,152.16	344.11	627.48	283.37	yes	yes	yes
11531	SAN DIEGO FWY	SAN DIEGO FWY	yes	14,515.16	19,688.79	17,581.80	5,173.63	3,066.64	-2,107.00	yes	yes	no
11538	MARINA FWY	MARINA FWY	yes	539.57	703.33	597.82	163.76	58.26	-105.50	yes	yes	no
11566	0	0	0 yes	926.46	1,150.00	1,035.60	223.54	109.14	-114.40	yes	yes	no
11583	SANTA MONICA FWY	SANTA MONICA FWY	yes	839.02	1,292.92	1,608.70	453.90	769.68	315.78	yes	yes	yes
11603	MARINA FWY	MARINA FWY	yes	977.43	1,192.46	1,077.37	215.02	99.94	-115.08	yes	yes	no
11618	MARINA FWY	MARINA FWY	yes	529.64	678.39	582.19	148.75	52.54	-96.20	yes	yes	no
11697	0	0	0 yes	886.05	1,098.65	949.38	212.60	63.33	-149.27	yes	yes	no
11698	0	0	0 yes	40.41	51.35	86.22	10.94	45.81	34.88	yes	yes	yes
11730	MARINA FWY	MARINA FWY	yes	22.23	31.22	33.65	8.99	11.42	2.43	yes	yes	yes
11731	SAN DIEGO FWY	SAN DIEGO FWY	yes	14,363.80	19,554.23	17,328.96	5,190.43	2,965.16	-2,225.27	yes	yes	no
11747	0	0	0 yes	517.34	672.10	564.17	154.77	46.83	-107.93	yes	yes	no
11788	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,477.75	18,455.58	16,379.59	4,977.83	2,901.83	-2,076.00	yes	yes	no
11802	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,072.22	16,802.50	14,214.27	3,730.28	1,142.04	-2,588.24	yes	yes	no
11803	0	0	0 yes	573.61	721.12	575.88	147.51	2.27	-145.24	yes	yes	no
11838	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,067.48	1,279.77	1,225.54	212.29	158.06	-54.23	yes	yes	no
11886	0	0	0 yes	6,938.49	8,609.53	7,122.19	1,671.04	183.70	-1,487.34	yes	yes	no
11963	SANTA MONICA FWY	SANTA MONICA FWY	yes	138.53	189.28	160.25	50.75	21.72	-29.04	yes	yes	no
11992	SANTA MONICA FWY	SANTA MONICA FWY	yes	141.18	195.98	166.32	54.79	25.13	-29.66	yes	yes	no
11994	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,966.46	37,170.07	31,090.79	4,203.61	-1,875.67	-6,079.28	yes	no	no
12048	SAN DIEGO FWY	SAN DIEGO FWY	yes	27,863.13	35,248.13	31,383.54	7,385.00	3,520.41	-3,864.59	yes	yes	no
12051	SAN DIEGO FWY	SAN DIEGO FWY	yes	27,004.35	34,545.56	29,832.35	7,541.22	2,828.01	-4,713.21	yes	yes	no
12063	0	0	0 yes	5,557.24	6,865.60	5,457.64	1,308.36	-99.60	-1,407.96	yes	no	no
12065	SAN DIEGO FWY	SAN DIEGO FWY	yes	424.52	1,001.63	98.47	577.11	-326.05	-903.17	yes	no	no
12092	SAN DIEGO FWY	SAN DIEGO FWY	yes	23,119.65	30,722.18	26,936.47	7,602.53	3,816.82	-3,785.71	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
12100		0	yes	5,557.24	6,865.60	5,457.64	1,308.36	-99.60	-1,407.96	yes	no	no
12102	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,707.87	3,397.44	4,451.33	689.57	1,743.46	1,053.90	yes	yes	yes
12113	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,495.29	2,532.53	1,490.15	1,037.24	-5.14	-1,042.38	yes	no	no
12119	SAN DIEGO FWY	SAN DIEGO FWY	yes	16,981.33	22,381.92	19,873.73	5,400.59	2,892.40	-2,508.20	yes	yes	no
12128		0	yes	1,381.24	1,743.92	1,664.55	362.68	283.30	-79.38	yes	yes	no
12129		0	yes	212.55	267.77	19.89	55.22	-192.66	-247.88	yes	no	no
12149		0	yes	1,593.80	2,011.70	1,684.44	417.90	90.64	-327.26	yes	yes	no
12150	SAN DIEGO FWY	SAN DIEGO FWY	yes	474.34	1,095.58	687.25	621.24	212.91	-408.33	yes	yes	no
12163		0	yes	6,428.33	8,027.83	7,236.00	1,599.50	807.67	-791.83	yes	yes	no
12181	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,984.74	38,584.09	33,771.49	5,599.35	786.75	-4,812.60	yes	yes	no
12190	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	34,191.22	41,717.15	36,254.08	7,525.94	2,062.87	-5,463.07	yes	yes	no
12195		0	yes	5,077.82	7,190.93	6,625.76	2,113.11	1,547.94	-565.17	yes	yes	no
12198	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	37,583.95	44,825.13	37,725.55	7,241.19	141.60	-7,099.58	yes	yes	no
12225	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,414.43	37,888.55	31,176.96	5,474.11	-1,237.48	-6,711.59	yes	no	no
12244	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,054.19	1,769.85	1,790.74	715.66	736.55	20.89	yes	yes	yes
12257	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,610.25	3,372.30	5,182.70	762.05	2,572.45	1,810.40	yes	yes	yes
12273		0	yes	12.76	21.54	24.22	8.78	11.46	2.68	yes	yes	yes
12274	SAN DIEGO FWY	SAN DIEGO FWY	yes	11,262.69	14,989.75	14,276.97	3,727.06	3,014.28	-712.78	yes	yes	no
12278	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,156.10	38,824.75	33,941.66	5,668.65	785.56	-4,883.09	yes	yes	no
12323	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	30,134.18	36,756.70	32,958.11	6,622.52	2,823.93	-3,798.58	yes	yes	no
12361	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,988.27	41,504.74	36,101.94	7,516.46	2,113.67	-5,402.80	yes	yes	no
12402	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,259.67	3,188.32	4,499.11	928.65	2,239.43	1,310.79	yes	yes	yes
12430	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,778.81	2,861.73	1,506.91	1,082.92	-271.90	-1,354.82	yes	no	no
12431	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,145.56	2,019.40	1,622.16	873.83	476.60	-397.24	yes	yes	no
12454		0	yes	0.00	1.46	0.00	1.46	0.00	-1.46	yes	no	no
12469	SAN DIEGO FWY	SAN DIEGO FWY	yes	6,329.08	8,199.83	8,082.34	1,870.75	1,753.26	-117.49	yes	yes	no
12473	SAN DIEGO FWY	SAN DIEGO FWY	yes	22,643.47	29,650.09	25,431.16	7,006.62	2,787.68	-4,218.93	yes	yes	no
12483	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,156.10	38,824.75	33,958.07	5,668.65	801.97	-4,866.67	yes	yes	no
12486	SAN DIEGO FWY	SAN DIEGO FWY	yes	12,260.22	15,359.36	13,829.94	3,099.14	1,569.72	-1,529.42	yes	yes	no
12539	SAN DIEGO FWY	SAN DIEGO FWY	yes	6,328.07	8,198.25	8,080.24	1,870.18	1,752.16	-118.01	yes	yes	no
12551	SAN DIEGO FWY	SAN DIEGO FWY	yes	16,360.36	20,394.96	17,914.07	4,034.60	1,553.71	-2,480.89	yes	yes	no
12565	SAN DIEGO FWY	SAN DIEGO FWY	yes	11,250.19	14,967.27	14,244.50	3,717.08	2,994.32	-722.76	yes	yes	no
12610		0	yes	7,191.97	9,182.60	8,666.45	1,990.63	1,474.48	-516.15	yes	yes	no
12621	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	30,135.90	37,968.44	33,206.22	7,832.54	3,070.32	-4,762.22	yes	yes	no
12686	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,259.23	3,187.55	4,498.61	928.32	2,239.38	1,311.06	yes	yes	yes
12698	HARBOR FWY	HARBOR FWY	yes	3,640.54	6,154.77	6,172.01	2,514.24	2,531.47	17.23	yes	yes	yes
12713	HARBOR FWY	HARBOR FWY	yes	3,655.16	6,173.32	6,195.32	2,518.16	2,540.16	22.00	yes	yes	yes
12715	HARBOR FWY	HARBOR FWY	yes	2,029.16	3,538.37	3,434.14	1,509.21	1,404.98	-104.23	yes	yes	no
12722	HARBOR FWY	HARBOR FWY	yes	1,979.77	3,487.51	3,370.30	1,507.74	1,390.52	-117.21	yes	yes	no
12741	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,029.89	1,443.24	1,341.94	413.36	312.05	-101.31	yes	yes	no
12750	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	30,144.72	37,979.17	33,216.23	7,834.46	3,071.52	-4,762.94	yes	yes	no
12754	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	25,802.84	29,421.87	25,123.98	3,619.03	-678.87	-4,297.90	yes	no	no
12781	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,992.26	37,178.58	30,889.35	4,186.32	-2,102.91	-6,289.23	yes	no	no
12857	HARBOR FWY	HARBOR FWY	yes	1,981.90	3,490.12	3,372.83	1,508.23	1,390.93	-117.30	yes	yes	no
12885	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,839.80	2,775.20	2,060.15	935.40	220.35	-715.05	yes	yes	no
12886	SAN DIEGO FWY	SAN DIEGO FWY	yes	23,151.61	30,768.08	26,965.89	7,616.48	3,814.29	-3,802.19	yes	yes	no
12895	SAN DIEGO FWY	SAN DIEGO FWY	yes	21,448.27	27,692.79	24,390.83	6,244.52	2,942.56	-3,301.96	yes	yes	no
12900		0	yes	3,682.97	6,180.81	6,198.26	2,497.84	2,515.29	17.45	yes	yes	yes
12902		0	yes	5,674.01	7,275.66	5,571.46	1,601.65	-102.56	-1,704.20	yes	no	no
12903	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,311.81	3,256.53	4,564.70	944.72	2,252.89	1,308.17	yes	yes	yes
12921	HARBOR FWY	HARBOR FWY	yes	3,645.56	6,173.32	6,194.86	2,527.75	2,549.30	21.54	yes	yes	yes
12927	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,966.46	37,170.07	31,090.79	4,203.61	-1,875.67	-6,079.28	yes	no	no
12952	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	25,802.84	29,427.19	25,127.10	3,624.34	-675.75	-4,300.09	yes	no	no
13003	SAN DIEGO FWY	SAN DIEGO FWY	yes	23,123.12	30,727.20	26,939.51	7,604.08	3,816.39	-3,787.69	yes	yes	no
13048	SANTA MONICA FWY	SANTA MONICA FWY	yes	1,155.05	2,021.99	1,627.91	866.94	472.86	-394.08	yes	yes	no
13049	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,766.99	3,586.31	5,476.74	819.32	2,709.75	1,890.43	yes	yes	yes
13070	SAN DIEGO FWY	SAN DIEGO FWY	yes	27,904.05	35,296.22	31,417.92	7,392.16	3,513.86	-3,878.30	yes	yes	no
13082	SANTA MONICA FWY	SANTA MONICA FWY	yes	114.84	177.93	149.51	63.09	34.67	-28.42	yes	yes	no
13094	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,770.20	15,378.33	14,138.67	1,608.12	368.46	-1,239.66	yes	yes	no
13108		0	yes	5,662.14	7,268.16	5,557.43	1,606.02	-104.71	-1,710.73	yes	no	no
13136	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,563.41	38,087.61	31,327.64	5,524.19	-1,235.77	-6,759.97	yes	no	no
13164		0	yes	294.90	347.12	37.23	52.22	-257.67	-309.89	yes	no	no
13168	SAN DIEGO FWY	SAN DIEGO FWY	yes	16,364.17	20,400.21	17,921.21	4,036.05	1,557.04	-2,479.01	yes	yes	no
13174		0	yes	3,682.97	6,180.81	6,198.26	2,497.84	2,515.29	17.45	yes	yes	yes
13182	SAN DIEGO FWY	SAN DIEGO FWY	yes	7,268.31	7,819.66	6,939.16	551.35	-329.15	-880.50	yes	no	no
13188	HARBOR FWY	HARBOR FWY	yes	3,682.97	6,180.81	6,198.26	2,497.84	2,515.29	17.45	yes	yes	yes

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
13196	SAN DIEGO FWY	SAN DIEGO FWY	yes	18,332.98	23,148.51	20,079.09	4,815.54	1,746.11	-3,069.43	yes	yes	no
13216	HARBOR FWY	HARBOR FWY	yes	1,981.90	3,490.12	3,372.83	1,508.23	1,390.93	-117.30	yes	yes	no
13230			0 yes	1,981.90	3,490.12	3,372.83	1,508.23	1,390.93	-117.30	yes	yes	no
13261	HARBOR FWY	HARBOR FWY	yes	4,620.20	4,945.86	3,948.93	325.66	-671.27	-996.93	yes	no	no
13268	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,642.64	3,311.34	4,319.25	668.70	1,676.61	1,007.91	yes	yes	yes
13270	HARBOR FWY	HARBOR FWY	yes	4,588.68	4,920.84	3,930.54	332.16	-658.14	-990.30	yes	no	no
13277	HARBOR FWY	HARBOR FWY	yes	5,517.80	6,120.25	5,126.78	602.45	-391.02	-993.47	yes	no	no
13290	MARINA FWY	MARINA FWY	yes	9.47	11.15	9.43	1.67	-0.04	-1.71	yes	no	no
13291	HARBOR FWY	HARBOR FWY	yes	5,302.01	7,059.01	5,714.24	1,757.00	412.24	-1,344.76	yes	yes	no
13298	HARBOR FWY	HARBOR FWY	yes	5,269.99	7,025.12	5,685.55	1,755.12	415.55	-1,339.57	yes	yes	no
13300	HARBOR FWY	HARBOR FWY	yes	5,431.06	7,615.46	6,200.17	2,184.40	769.11	-1,415.29	yes	yes	no
13302	HARBOR FWY	HARBOR FWY	yes	5,479.67	6,087.75	5,104.34	608.08	-375.33	-983.41	yes	no	no
13305	HARBOR FWY	HARBOR FWY	yes	6,127.61	7,300.36	6,209.15	1,172.75	81.53	-1,091.21	yes	yes	no
13306	HARBOR FWY	HARBOR FWY	yes	5,406.78	7,590.20	6,183.13	2,183.42	776.34	-1,407.07	yes	yes	no
13317	SAN DIEGO FWY	SAN DIEGO FWY	yes	5,153.88	7,184.44	7,969.09	2,030.56	2,815.20	784.64	yes	yes	yes
13325	HARBOR FWY	HARBOR FWY	yes	7,056.44	9,127.51	7,861.97	2,071.07	805.53	-1,265.54	yes	yes	no
13326	HARBOR FWY	HARBOR FWY	yes	6,938.44	8,998.55	7,793.25	2,060.12	854.81	-1,205.31	yes	yes	no
13329	HARBOR FWY	HARBOR FWY	yes	5,934.95	9,217.82	7,692.73	3,282.86	1,757.78	-1,525.09	yes	yes	no
13330	HARBOR FWY	HARBOR FWY	yes	5,905.96	9,194.27	7,674.75	3,288.31	1,768.79	-1,519.52	yes	yes	no
13335	HARBOR FWY	HARBOR FWY	yes	6,976.83	9,141.63	7,890.01	2,164.80	913.18	-1,251.62	yes	yes	no
13336			0 yes	1,981.90	3,489.84	3,372.83	1,507.94	1,390.93	-117.01	yes	yes	no
13339	HARBOR FWY	HARBOR FWY	yes	6,945.00	8,863.54	7,703.24	1,918.54	758.24	-1,160.30	yes	yes	no
13349	HARBOR FWY	HARBOR FWY	yes	6,284.95	10,053.95	8,679.47	3,769.00	2,394.53	-1,374.48	yes	yes	no
13350	HARBOR FWY	HARBOR FWY	yes	6,674.93	8,864.42	7,715.64	2,189.49	1,040.70	-1,148.79	yes	yes	no
13351	HARBOR FWY	HARBOR FWY	yes	6,152.77	9,892.92	8,565.98	3,740.15	2,413.21	-1,326.94	yes	yes	no
13356	HARBOR FWY	HARBOR FWY	yes	6,068.56	7,242.22	6,170.51	1,173.66	101.95	-1,071.71	yes	yes	no
13357	HARBOR FWY	HARBOR FWY	yes	6,848.34	8,642.17	7,464.70	1,793.83	616.36	-1,177.47	yes	yes	no
13358	HARBOR FWY	HARBOR FWY	yes	6,281.49	10,049.10	8,673.06	3,767.61	2,391.57	-1,376.04	yes	yes	no
13365	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,097.05	2,966.54	2,877.07	869.48	780.02	-89.46	yes	yes	no
13368	HARBOR FWY	HARBOR FWY	yes	6,373.52	10,132.39	8,740.31	3,758.87	2,366.79	-1,392.08	yes	yes	no
13370	HARBOR FWY	HARBOR FWY	yes	6,805.58	8,607.68	7,440.80	1,802.10	635.22	-1,166.88	yes	yes	no
13377	HARBOR FWY	HARBOR FWY	yes	6,152.77	9,892.92	8,565.98	3,740.15	2,413.21	-1,326.94	yes	yes	no
13383	HARBOR FWY	HARBOR FWY	yes	6,376.25	10,268.56	8,951.70	3,892.31	2,575.44	-1,316.87	yes	yes	no
13390	HARBOR FWY	HARBOR FWY	yes	6,362.04	10,120.81	8,676.68	3,758.77	2,314.65	-1,444.12	yes	yes	no
13391	HARBOR FWY	HARBOR FWY	yes	6,284.92	10,050.97	8,625.83	3,766.05	2,340.92	-1,425.14	yes	yes	no
13393	HARBOR FWY	HARBOR FWY	yes	6,362.26	10,126.94	8,718.37	3,764.68	2,356.10	-1,408.57	yes	yes	no
13403	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	34,310.93	42,002.45	36,692.85	7,691.52	2,381.93	-5,309.59	yes	yes	no
13406	SANTA MONICA FWY	SANTA MONICA FWY	yes	18.36	30.18	25.65	11.82	7.29	-4.53	yes	yes	no
13412	SAN DIEGO FWY	SAN DIEGO FWY	yes	11,226.47	14,971.63	14,267.94	3,745.16	3,041.46	-703.70	yes	yes	no
13419	HARBOR FWY	HARBOR FWY	yes	6,637.34	8,833.92	7,702.19	2,196.58	1,064.86	-1,131.72	yes	yes	no
13438	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	37,072.66	45,366.22	40,080.30	8,293.56	3,007.64	-5,285.92	yes	yes	no
13446			0 yes	1,074.11	1,534.99	1,395.09	460.88	320.98	-139.90	yes	yes	no
13447			0 yes	5,662.63	7,268.72	5,557.98	1,606.09	-104.65	-1,710.75	yes	no	no
13470			0 yes	5,557.21	6,865.60	5,457.64	1,308.39	-99.57	-1,407.96	yes	no	no
13471	SAN DIEGO FWY	SAN DIEGO FWY	yes	21,447.13	27,679.96	24,374.71	6,232.83	2,927.58	-3,305.25	yes	yes	no
13487	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,156.10	38,824.75	33,958.07	5,668.65	801.97	-4,866.67	yes	yes	no
13542			0 yes	283.52	340.18	23.75	56.66	-259.77	-316.43	yes	no	no
18193	HARBOR FWY	HARBOR FWY	yes	5,326.96	7,945.32	6,919.61	2,618.37	1,592.65	-1,025.72	yes	yes	no
18203	HARBOR FWY	HARBOR FWY	yes	6,169.12	10,078.67	8,797.28	3,909.55	2,628.16	-1,281.40	yes	yes	no
18204			0 yes	842.16	2,133.35	1,877.67	1,291.19	1,035.51	-255.68	yes	yes	no
18227	HARBOR FWY	HARBOR FWY	yes	6,694.82	8,942.30	7,763.67	2,247.48	1,068.85	-1,178.63	yes	yes	no
18280	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	28,162.82	34,489.34	29,843.41	6,326.52	1,680.58	-4,645.93	yes	yes	no
18306	HARBOR FWY	HARBOR FWY	yes	6,404.03	10,306.59	8,987.70	3,902.56	2,583.67	-1,318.89	yes	yes	no
18311	HARBOR FWY	HARBOR FWY	yes	6,655.34	8,879.90	7,720.10	2,224.56	1,064.76	-1,159.80	yes	yes	no
26651	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	31,001.31	36,661.65	30,787.13	5,660.34	-214.18	-5,874.52	yes	no	no
26652			0 yes	6,736.74	8,803.71	6,953.07	2,066.97	216.33	-1,850.65	yes	yes	no
26653	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	24,656.05	28,797.98	24,489.71	4,141.93	-166.34	-4,308.27	yes	no	no
88572	HARBOR FWY	HARBOR FWY	yes	2,025.55	3,537.47	3,432.68	1,511.91	1,407.12	-104.79	yes	yes	no
88715	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,024.19	38,777.40	33,665.09	5,753.21	640.90	-5,112.31	yes	yes	no
88716	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,941.98	40,199.54	32,842.55	6,257.55	-1,099.43	-7,356.99	yes	no	no
88720	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,179.01	37,437.84	31,110.68	4,258.83	-2,068.33	-6,327.16	yes	no	no
88730	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	33,770.25	39,697.79	34,674.32	5,927.53	904.06	-5,023.47	yes	yes	no
88731	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	34,559.29	42,225.08	36,839.95	7,665.79	2,280.65	-5,385.14	yes	yes	no
89425			0 yes	283.52	340.18	23.75	56.66	-259.77	-316.43	yes	no	no
89689	I 105 HOV	I 105 HOV	yes	7,124.52	8,824.48	8,853.13	1,699.96	1,728.61	28.65	yes	yes	yes
89690	I 105 HOV	I 105 HOV	yes	5,435.15	7,380.55	6,884.10	1,945.40	1,448.96	-496.45	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
89727	I 405 HOV	I 405 HOV	yes	8,132.97	11,118.02	11,245.67	2,985.05	3,112.70	127.65	yes	yes	yes
89741	I 105 HOV	I 105 HOV	yes	7,128.76	8,924.49	8,980.74	1,795.73	1,851.98	56.25	yes	yes	yes
89763	I 110 HOV	I 110 HOV	yes	468.22	720.83	726.49	252.61	258.27	5.66	yes	yes	yes
89764	I 105 HOV	I 105 HOV	yes	6,660.54	8,203.66	8,254.25	1,543.12	1,593.71	50.58	yes	yes	yes
89773	I 405 HOV	I 405 HOV	yes	1,598.69	3,369.03	3,151.91	1,770.33	1,553.21	-217.12	yes	yes	no
89779	I 105 HOV	I 105 HOV	yes	5,315.43	7,084.64	6,435.14	1,769.21	1,119.71	-649.50	yes	yes	no
89803	I 110 HOV	I 110 HOV	yes	324.11	431.36	434.35	107.25	110.24	2.99	yes	yes	yes
89805	I 110 HOV	I 110 HOV	yes	468.22	720.83	726.49	252.61	258.27	5.66	yes	yes	yes
89807	I 105 HOV	I 105 HOV	yes	5,110.72	6,948.75	6,449.29	1,838.03	1,338.57	-499.46	yes	yes	no
89809	I 110 HOV	I 110 HOV	yes	283.74	378.18	376.99	94.44	93.25	-1.19	yes	yes	no
89810	I 110 HOV	I 110 HOV	yes	324.42	431.80	434.81	107.38	110.39	3.02	yes	yes	yes
89817	I 110 HOV	I 110 HOV	yes	324.42	431.80	434.81	107.38	110.39	3.02	yes	yes	yes
89818	I 110 HOV	I 110 HOV	yes	324.11	431.35	434.33	107.25	110.23	2.98	yes	yes	yes
89829	I 110 HOV	I 110 HOV	yes	460.13	710.90	717.75	250.77	257.62	6.85	yes	yes	yes
90170	I 105 HOV	I 105 HOV	yes	6,660.54	8,203.66	8,254.25	1,543.12	1,593.71	50.58	yes	yes	yes
91084	I 110 HOV	I 110 HOV	yes	86.04	129.03	126.29	43.00	40.25	-2.74	yes	yes	no
91164	0	0	0 yes	10.53	20.63	13.31	10.10	2.78	-7.32	yes	yes	no
91249	0	0	0 yes	419.44	425.13	418.71	5.69	-0.73	-6.42	yes	no	no
91268	0	0	0 yes	18.58	21.92	20.35	3.34	1.77	-1.57	yes	yes	no
91277	0	0	0 yes	18.36	77.14	38.34	58.78	19.99	-38.80	yes	yes	no
91310	0	0	0 yes	14.97	17.43	14.93	2.45	-0.04	-2.49	yes	no	no
91336	0	0	0 yes	396.34	587.81	615.98	191.47	219.64	28.17	yes	yes	yes
91353	0	0	0 yes	867.90	1,519.49	645.36	651.59	-222.54	-874.13	yes	no	no
91433	0	0	0 yes	9.92	24.94	15.64	15.02	5.71	-9.30	yes	yes	no
91483	0	0	0 yes	2,277.55	2,932.14	5,634.49	654.59	3,356.94	2,702.35	yes	yes	yes
91523	0	0	0 yes	301.62	1,738.53	790.85	1,436.91	489.23	-947.68	yes	yes	no
91546	0	0	0 yes	102.47	1,142.73	803.13	1,040.26	700.65	-339.60	yes	yes	no
91549	0	0	0 yes	265.33	566.01	469.94	300.69	204.61	-96.07	yes	yes	no
91550	0	0	0 yes	17,996.26	22,231.59	20,026.75	4,235.33	2,030.48	-2,204.84	yes	yes	no
91553	0	0	0 yes	17,908.46	22,146.88	19,980.62	4,238.42	2,072.16	-2,166.26	yes	yes	no
91558	0	0	0 yes	3,792.37	4,983.45	10,337.51	1,191.08	6,545.15	5,354.07	yes	yes	yes
91560	0	0	0 yes	3.48	5.02	3.05	1.55	-0.43	-1.98	yes	no	no
91565	0	0	0 yes	3,621.21	4,802.39	3,631.01	1,181.19	9.80	-1,171.38	yes	yes	no
91567	0	0	0 yes	1,151.46	2,093.60	4,694.79	942.14	3,543.33	2,601.19	yes	yes	yes
91584	0	0	0 yes	508.14	1,118.00	1,534.74	609.86	1,026.60	416.74	yes	yes	yes
91590	0	0	0 yes	171.37	240.66	186.58	69.29	15.22	-54.07	yes	yes	no
91595	0	0	0 yes	23,685.53	30,914.49	26,562.67	7,228.96	2,877.14	-4,351.82	yes	yes	no
91602	0	0	0 yes	2,144.86	4,336.54	5,662.99	2,191.68	3,518.13	1,326.45	yes	yes	yes
91623	0	0	0 yes	601.05	754.26	587.23	153.21	-13.83	-167.04	yes	no	no
91632	0	0	0 yes	1,982.66	3,555.88	2,326.69	1,573.22	344.03	-1,229.19	yes	yes	no
91642	0	0	0 yes	316.15	541.33	471.83	225.19	155.68	-69.50	yes	yes	no
91651	0	0	0 yes	1,656.24	2,367.86	2,112.18	711.61	455.94	-255.68	yes	yes	no
91658	0	0	0 yes	202.94	212.41	152.14	9.47	-50.80	-60.27	yes	no	no
91704	0	0	0 yes	21.94	25.25	13.59	3.30	-8.35	-11.65	yes	no	no
91706	0	0	0 yes	3.81	5.25	7.13	1.45	3.33	1.88	yes	yes	yes
91713	0	0	0 yes	12.50	22.48	32.46	9.98	19.96	9.98	yes	yes	yes
91719	0	0	0 yes	51.37	199.15	149.92	147.78	98.55	-49.23	yes	yes	no
91742	0	0	0 yes	14.62	18.54	23.31	3.92	8.69	4.77	yes	yes	yes
91746	0	0	0 yes	0.00	5.31	3.12	5.31	3.12	-2.19	yes	yes	no
91750	0	0	0 yes	49.39	50.86	63.85	1.47	14.46	12.99	yes	yes	yes
91756	0	0	0 yes	1,961.78	3,405.17	2,217.39	1,443.39	255.61	-1,187.77	yes	yes	no
91766	0	0	0 yes	186.76	259.26	221.33	72.51	34.58	-37.93	yes	yes	no
91769	0	0	0 yes	1,931.28	3,356.72	2,176.77	1,425.44	245.48	-1,179.96	yes	yes	no
91772	0	0	0 yes	1,093.65	1,587.82	1,597.03	494.17	503.38	9.21	yes	yes	yes
91776	0	0	0 yes	14,893.54	17,822.27	17,497.54	2,928.73	2,604.01	-324.72	yes	yes	no
91784	0	0	0 yes	1,114.53	1,738.53	1,706.33	624.00	591.79	-32.21	yes	yes	no
91790	0	0	0 yes	81.01	132.46	126.87	51.45	45.86	-5.59	yes	yes	no
91815	0	0	0 yes	15,454.15	18,859.21	18,821.16	3,405.06	3,367.00	-38.05	yes	yes	no
91817	0	0	0 yes	3,031.76	4,899.62	9,882.39	1,867.86	6,850.63	4,982.77	yes	yes	yes
91818	0	0	0 yes	28.48	40.88	26.38	12.40	-2.10	-14.50	yes	no	no
91853	0	0	0 yes	560.62	1,036.95	1,323.61	476.33	763.00	286.67	yes	yes	yes
91887	0	0	0 yes	928.81	1,198.97	1,195.78	270.17	266.98	-3.19	yes	yes	no
91900	0	0	0 yes	1.65	9.97	15.85	8.32	14.20	5.88	yes	yes	yes
91901	0	0	0 yes	205.54	253.06	302.31	47.51	96.77	49.26	yes	yes	yes
91903	0	0	0 yes	38.39	143.07	96.76	104.68	58.37	-46.31	yes	yes	no
91909	0	0	0 yes	32.01	33.89	28.70	1.87	-3.32	-5.19	yes	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
91910	0	0	yes	132.18	161.03	113.49	28.85	-18.68	-47.54	yes	no	no
91915	0	0	yes	139.42	255.86	262.44	116.44	123.02	6.58	yes	yes	yes
91917	0	0	yes	528.17	1,627.62	1,509.60	1,099.45	981.43	-118.02	yes	yes	no
91922	0	0	yes	766.17	1,399.58	1,037.35	633.41	271.18	-362.23	yes	yes	no
91923	0	0	yes	0.00	10.61	10.19	10.61	10.19	-0.42	yes	yes	no
91925	0	0	yes	456.08	926.54	1,001.93	470.46	545.85	75.39	yes	yes	yes
91926	0	0	yes	6.21	7.49	8.04	1.27	1.82	0.55	yes	yes	no
91929	0	0	yes	18.01	45.98	17.91	27.98	-0.10	-28.08	yes	no	no
91934	0	0	yes	1,792.61	4,037.21	3,204.78	2,244.59	1,412.17	-832.42	yes	yes	no
91940	0	0	yes	9.47	11.15	9.43	1.67	-0.04	-1.71	yes	no	no
91946	0	0	yes	778.00	2,519.21	3,784.97	1,741.21	3,006.97	1,265.76	yes	yes	yes
91948	0	0	yes	9,285.93	11,401.56	8,352.84	2,115.63	-933.09	-3,048.72	yes	no	no
93268	0	0	yes	39.48	62.40	43.57	22.92	4.09	-18.83	yes	yes	no
93270	0	0	yes	27.77	38.03	36.00	10.25	8.23	-2.03	yes	yes	no
95320	0	0	yes	266.78	414.83	1,908.28	148.05	1,641.50	1,493.45	yes	yes	yes
95328	0	0	yes	36.98	109.38	44.23	72.40	7.25	-65.15	yes	yes	no
95377	0	0	yes	148.34	409.32	351.42	260.98	203.09	-57.90	yes	yes	no
95381	0	0	yes	3.45	4.85	6.41	1.40	2.96	1.56	yes	yes	yes
95391	0	0	yes	118.01	128.96	68.72	10.95	-49.28	-60.23	yes	no	no
95410	0	0	yes	39.54	63.23	39.45	23.68	-0.09	-23.78	yes	no	no
95454	0	0	yes	3,052.50	4,161.51	3,696.25	1,109.02	643.75	-465.26	yes	yes	no
95517	HOWARD HUGHES PKY	HOWARD HUGHES PKY	yes	7,554.74	10,377.34	8,694.48	2,822.60	1,139.74	-1,682.86	yes	yes	no
96331	HOWARD HUGHES PKY	HOWARD HUGHES PKY	yes	7,553.73	10,375.76	8,692.37	2,822.03	1,138.64	-1,683.39	yes	yes	no
96361	0	0	yes	352.28	1,026.12	1,415.02	673.85	1,062.74	388.90	yes	yes	yes
96362	0	0	yes	0.98	39.04	123.14	38.06	122.16	84.10	yes	yes	yes
96363	0	0	yes	2,143.88	4,297.50	5,539.85	2,153.62	3,395.97	1,242.35	yes	yes	yes
96364	0	0	yes	148.98	199.06	150.68	50.08	1.70	-48.38	yes	yes	no
96384	S CENTINELA AVE	S CENTINELA AVE	yes	99.03	133.73	129.69	34.69	30.66	-4.03	yes	yes	no
96396	KANSAS AVE	KANSAS AVE	yes	18.64	27.05	16.76	8.41	-1.89	-10.30	yes	no	no
96407	NATIONAL BLVD	NATIONAL BLVD	yes	15.15	17.45	20.02	2.30	4.87	2.57	yes	yes	yes
96411	S CENTINELA AVE	S CENTINELA AVE	yes	178.50	319.40	272.69	140.90	94.20	-46.71	yes	yes	no
96412	S CENTINELA AVE	S CENTINELA AVE	yes	178.50	319.40	283.41	140.90	104.91	-35.99	yes	yes	no
96423	S CENTINELA AVE	S CENTINELA AVE	yes	180.31	301.28	268.64	120.97	88.33	-32.64	yes	yes	no
96425	OVERLAND AVE	OVERLAND AVE	yes	919.09	1,390.42	1,150.26	471.33	231.17	-240.16	yes	yes	no
96428	S BUNDY DR	S BUNDY DR	yes	498.62	782.47	642.41	283.85	143.79	-140.06	yes	yes	no
96439	S CENTINELA AVE	S CENTINELA AVE	yes	83.62	103.15	111.29	19.54	27.67	8.14	yes	yes	yes
96440	S CENTINELA AVE	S CENTINELA AVE	yes	62.50	93.59	84.81	31.09	22.31	-8.78	yes	yes	no
96448	S CENTINELA AVE	S CENTINELA AVE	yes	178.50	319.55	283.41	141.05	104.91	-36.14	yes	yes	no
96462	SAWTELLE BLVD	SAWTELLE BLVD	yes	137.50	276.92	221.79	139.42	84.29	-55.13	yes	yes	no
96510	MARINA FWY	MARINA FWY	yes	529.65	678.54	582.37	148.89	52.73	-96.16	yes	yes	no
96515	NATIONAL BLVD	NATIONAL BLVD	yes	395.22	429.02	449.71	33.79	54.48	20.69	yes	yes	yes
96516	NATIONAL BLVD	NATIONAL BLVD	yes	152.51	178.10	175.02	25.59	22.51	-3.08	yes	yes	no
96543	S BUNDY DR	S BUNDY DR	yes	476.86	754.44	615.58	277.59	138.72	-138.87	yes	yes	no
96608	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	9,422.77	11,489.48	10,766.88	2,066.72	1,344.12	-722.60	yes	yes	no
96615	E IMPERIAL AVE	E IMPERIAL AVE	yes	885.82	2,428.13	2,443.69	1,542.31	1,557.87	15.56	yes	yes	yes
96664	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	23,078.04	36,542.14	28,988.73	13,464.10	5,910.69	-7,553.41	yes	yes	no
96701	SAWTELLE BLVD	SAWTELLE BLVD	yes	97.45	141.09	122.55	43.63	25.10	-18.54	yes	yes	no
96705	SAWTELLE BLVD	SAWTELLE BLVD	yes	126.62	175.54	156.79	48.93	30.17	-18.75	yes	yes	no
96706	BRADDOCK DR	BRADDOCK DR	yes	96.24	140.38	109.13	44.14	12.89	-31.26	yes	yes	no
96708	BRADDOCK DR	BRADDOCK DR	yes	15.27	28.25	24.02	12.98	8.75	-4.23	yes	yes	no
96724	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	174.55	254.43	217.38	79.88	42.82	-37.05	yes	yes	no
96725	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	177.71	257.75	219.98	80.04	42.27	-37.77	yes	yes	no
96731	NATIONAL BLVD	NATIONAL BLVD	yes	108.19	186.99	148.93	78.80	40.74	-38.05	yes	yes	no
96732	NATIONAL BLVD	NATIONAL BLVD	yes	108.15	186.95	148.90	78.80	40.75	-38.05	yes	yes	no
96734	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	274.00	324.60	294.95	50.60	20.95	-29.65	yes	yes	no
96747	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	751.30	1,140.41	838.70	389.11	87.40	-301.71	yes	yes	no
96774	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	384.27	1,107.31	1,341.63	723.04	957.36	234.32	yes	yes	yes
96800	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	4,636.18	5,057.80	8,185.61	421.63	3,549.43	3,127.80	yes	yes	yes
96816	S PRAIRIE AVE	S PRAIRIE AVE	yes	269.77	451.87	368.82	182.10	99.05	-83.05	yes	yes	no
96824	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	5,015.11	7,637.15	9,128.01	2,622.04	4,112.91	1,490.87	yes	yes	yes
96826	W 120TH ST	W 120TH ST	yes	91.85	211.93	274.48	120.08	182.63	62.55	yes	yes	yes
96830	0	0	yes	364.83	1,330.56	1,051.39	965.73	686.56	-279.17	yes	yes	no
96831	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	1,233.49	3,770.05	4,098.06	2,536.56	2,864.57	328.01	yes	yes	yes
96832	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	3,369.52	8,007.88	9,598.81	4,638.36	6,229.29	1,590.93	yes	yes	yes
96838	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	6,205.87	11,218.71	10,051.67	5,012.84	3,845.80	-1,167.04	yes	yes	no
96843	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	6,654.32	9,633.49	7,550.06	2,979.18	895.74	-2,083.43	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
96844	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	6,632.74	9,603.88	7,526.53	2,971.14	893.79	-2,077.35	yes	yes	no
96848	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	14,000.55	20,645.28	18,141.40	6,644.72	4,140.85	-2,503.87	yes	yes	no
96853	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	2,062.06	2,925.78	3,624.96	863.73	1,562.91	699.18	yes	yes	yes
96864	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	2,559.22	4,036.88	5,163.61	1,477.66	2,604.39	1,126.73	yes	yes	yes
96874	HINDRY AVE	HINDRY AVE	yes	87.99	1,424.81	550.66	1,336.83	462.68	-874.15	yes	yes	no
96921	S LA BREA AVE	S LA BREA AVE	yes	6,699.92	9,566.34	8,757.98	2,866.42	2,058.06	-808.36	yes	yes	no
96927	S VERMONT AVE	S VERMONT AVE	yes	93.12	215.25	125.96	122.13	32.84	-89.29	yes	yes	no
96928	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	6,746.63	9,779.45	7,684.08	3,032.82	937.44	-2,095.37	yes	yes	no
96929	GREEN VALLEY CIR	GREEN VALLEY CIR	yes	92.31	145.95	134.01	53.64	41.70	-11.94	yes	yes	no
96937	W ROSECRANS AVE	W ROSECRANS AVE	yes	693.50	2,112.70	1,710.20	1,419.20	1,016.70	-402.50	yes	yes	no
96938	S LA BREA AVE	S LA BREA AVE	yes	5,696.23	7,819.97	7,029.06	2,123.74	1,332.83	-790.91	yes	yes	no
96945	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	183.36	300.82	251.53	117.47	68.17	-49.30	yes	yes	no
96946	S VERMONT AVE	S VERMONT AVE	yes	163.42	209.33	143.46	45.91	-19.97	-65.87	yes	no	no
96948	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,478.29	6,199.27	5,153.79	2,720.97	1,675.50	-1,045.47	yes	yes	no
96951	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,092.62	5,225.37	9,429.66	2,132.75	6,337.04	4,204.29	yes	yes	yes
96961	S PRAIRIE AVE	S PRAIRIE AVE	yes	437.78	736.70	658.22	298.92	220.45	-78.48	yes	yes	no
96978	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	428.09	752.51	863.56	324.42	435.47	111.05	yes	yes	yes
96981	NATIONAL BLVD	NATIONAL BLVD	yes	19.43	21.78	24.49	2.35	5.06	2.70	yes	yes	yes
96997	0	0	yes	10.08	20.39	18.94	10.31	8.86	-1.45	yes	yes	no
97012	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	2,810.53	5,411.92	4,801.46	2,601.39	1,990.93	-610.46	yes	yes	no
97022	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	1,696.04	2,551.54	3,805.45	2,109.41	1,253.91	1,253.91	yes	yes	yes
97023	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	1,728.72	2,660.92	3,850.13	932.20	2,121.41	1,189.20	yes	yes	yes
97029	S HOOVER ST	S HOOVER ST	yes	13.45	47.65	46.79	34.20	33.34	-0.86	yes	yes	no
97030	S HOOVER ST	S HOOVER ST	yes	11.60	38.76	39.37	27.17	27.77	0.60	yes	yes	no
97036	W ROSECRANS AVE	W ROSECRANS AVE	yes	8.35	37.86	35.21	29.52	26.86	-2.66	yes	yes	no
97038	S HOOVER ST	S HOOVER ST	yes	312.93	543.99	545.13	231.06	232.20	1.14	yes	yes	yes
97040	W ROSECRANS AVE	W ROSECRANS AVE	yes	19.17	47.13	46.70	27.95	27.53	-0.42	yes	yes	no
97042	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	340.74	551.48	548.07	210.74	207.34	-3.40	yes	yes	no
97050	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	2,370.49	4,053.91	4,325.90	1,683.42	1,955.41	271.99	yes	yes	yes
97058	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	2,370.49	4,053.91	4,325.90	1,683.42	1,955.41	271.99	yes	yes	yes
97059	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	684.65	2,188.01	2,554.67	1,503.35	1,870.02	366.67	yes	yes	yes
97064	CRENSHAW BLVD	CRENSHAW BLVD	yes	62.57	125.59	88.84	63.02	26.27	-36.75	yes	yes	no
97065	CRENSHAW BLVD	CRENSHAW BLVD	yes	62.57	114.98	78.64	52.41	16.08	-36.33	yes	yes	no
97070	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	293.48	503.23	485.26	209.76	191.78	-17.97	yes	yes	no
97072	W CENTURY BLVD	W CENTURY BLVD	yes	9,460.07	21,049.25	21,229.95	11,589.17	11,769.87	180.70	yes	yes	yes
97079	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	881.21	2,743.93	2,473.76	1,862.72	1,592.55	-270.16	yes	yes	no
97092	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,378.88	5,521.16	5,370.78	142.29	-8.10	-150.39	yes	no	no
97094	HOWARD HUGHES PKY	HOWARD HUGHES PKY	yes	9,592.02	12,088.61	10,064.02	2,496.59	472.00	-2,024.59	yes	yes	no
97096	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	419.07	659.92	492.66	240.84	73.59	-167.26	yes	yes	no
97105	W ROSECRANS AVE	W ROSECRANS AVE	yes	657.21	1,045.06	944.55	387.85	287.34	-100.51	yes	yes	no
97107	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	13,011.91	19,667.07	19,615.25	6,655.15	6,603.33	-51.82	yes	yes	no
97114	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	65.73	206.29	467.51	140.57	401.78	261.22	yes	yes	yes
97125	CRENSHAW BLVD	CRENSHAW BLVD	yes	292.15	324.78	216.06	32.63	-76.09	-108.72	yes	no	no
97126	CRENSHAW BLVD	CRENSHAW BLVD	yes	292.15	324.78	216.06	32.63	-76.09	-108.72	yes	no	no
97133	S LA BREA AVE	S LA BREA AVE	yes	8,351.50	11,933.34	10,868.40	3,581.84	2,516.91	-1,064.94	yes	yes	no
97141	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	212.14	381.94	443.85	169.80	231.71	61.91	yes	yes	yes
97142	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	213.79	391.91	460.79	178.12	247.00	68.88	yes	yes	yes
97143	W CENTURY BLVD	W CENTURY BLVD	yes	28,303.70	44,451.45	45,144.74	16,147.75	16,841.04	693.29	yes	yes	yes
97158	S GRAND AVE	S GRAND AVE	yes	1.65	9.97	15.85	8.32	14.20	5.88	yes	yes	yes
97166	0	0	yes	647.94	1,212.61	1,104.80	564.67	456.86	-107.81	yes	yes	no
97173	0	0	yes	779.77	1,399.94	1,294.19	620.17	514.41	-105.76	yes	yes	no
97175	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,135.41	1,666.46	1,377.73	531.05	242.32	-288.73	yes	yes	no
97176	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,051.60	1,587.44	1,318.56	535.84	266.96	-268.88	yes	yes	no
97178	W CENTURY BLVD	W CENTURY BLVD	yes	5,381.38	11,973.67	10,266.22	6,592.29	4,884.83	-1,707.45	yes	yes	no
97180	0	0	yes	111.44	263.97	158.73	152.53	47.29	-105.24	yes	yes	no
97183	0	0	yes	8.09	9.93	8.74	1.84	0.65	-1.19	yes	no	no
97185	W CENTURY BLVD	W CENTURY BLVD	yes	4,613.32	10,571.76	9,003.75	5,958.44	4,390.43	-1,568.01	yes	yes	no
97189	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	1,015.40	2,565.03	9,763.97	1,549.63	8,748.57	7,198.94	yes	yes	yes
97191	0	0	yes	4,048.48	6,588.82	6,415.21	2,540.35	2,366.74	-173.61	yes	yes	no
97192	I 110 HOV	I 110 HOV	yes	264.95	406.76	413.51	141.82	148.56	6.75	yes	yes	yes
97197	0	0	yes	119.71	295.91	448.96	176.19	329.25	153.06	yes	yes	yes
97199	W 37TH ST	W 37TH ST	yes	58.02	60.69	51.04	2.67	-6.98	-9.65	yes	no	no
97202	HOWARD HUGHES PKY	HOWARD HUGHES PKY	yes	17,166.99	22,491.12	19,871.97	5,324.13	2,704.98	-2,619.15	yes	yes	no
97203	W MANCHESTER AVE	W MANCHESTER AVE	yes	357.71	953.73	914.31	596.02	556.60	-39.42	yes	yes	no
97213	W CENTURY BLVD	W CENTURY BLVD	yes	2,820.71	6,534.56	5,798.97	3,713.85	2,978.26	-735.59	yes	yes	no
97214	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	558.19	725.35	542.37	167.16	-15.83	-182.99	yes	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
97215	S HILL ST	S HILL ST	yes	116.08	218.88	216.29	102.80	100.21	-2.59	yes	yes	no
97216	S HILL ST	S HILL ST	yes	616.81	874.89	724.52	258.08	107.71	-150.37	yes	yes	no
97220	S HOPE ST	S HOPE ST	yes	27.77	38.03	36.00	10.25	8.23	-2.03	yes	yes	no
97223	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	13,222.28	19,332.81	15,137.03	6,110.53	1,914.75	-4,195.78	yes	yes	no
97224	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	6,589.35	10,943.26	9,766.05	4,353.90	3,176.70	-1,177.21	yes	yes	no
98523	W ADAMS BLVD	W ADAMS BLVD	yes	269.79	329.96	293.15	60.17	23.36	-36.81	yes	yes	no
98533	S FIGUEROA ST	S FIGUEROA ST	yes	841.56	1,018.87	895.42	177.31	53.86	-123.45	yes	yes	no
98535	S MAIN ST	S MAIN ST	yes	2.69	5.45	2.45	2.77	-0.24	-3.01	yes	no	no
100541	S DOUGLAS ST	S DOUGLAS ST	yes	209.70	490.04	361.72	280.35	152.02	-128.33	yes	yes	no
100542	S DOUGLAS ST	S DOUGLAS ST	yes	341.07	772.87	542.94	431.80	201.87	-229.93	yes	yes	no
100909	W 108TH ST	W 108TH ST	yes	18.63	36.29	24.92	17.66	6.29	-11.37	yes	yes	no
100910	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	176.69	317.92	331.96	141.23	155.27	14.04	yes	yes	yes
100911	S BROADWAY	S BROADWAY	yes	30.68	34.51	53.61	3.83	22.93	19.10	yes	yes	yes
100912	W 108TH ST	W 108TH ST	yes	22.28	37.15	27.13	14.87	4.85	-10.02	yes	yes	no
100913	S BROADWAY	S BROADWAY	yes	26.13	27.52	48.03	1.39	21.89	20.50	yes	yes	yes
100914	W CENTURY BLVD	W CENTURY BLVD	yes	1,944.73	4,605.39	3,980.29	2,660.66	2,035.56	-625.09	yes	yes	no
100953	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	405.33	612.49	497.06	207.16	91.73	-115.43	yes	yes	no
100954	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	405.33	612.49	509.43	207.16	104.10	-103.06	yes	yes	no
100955	CULVER BLVD	CULVER BLVD	yes	262.41	378.84	319.28	116.43	56.87	-59.56	yes	yes	no
100956	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	419.03	632.92	510.78	213.89	91.75	-122.14	yes	yes	no
100957	CULVER BLVD	CULVER BLVD	yes	215.99	349.53	287.98	133.54	71.99	-61.55	yes	yes	no
100972	EMERSON AVE	EMERSON AVE	yes	382.05	546.86	496.65	164.81	114.60	-50.22	yes	yes	no
100974	W 83RD ST	W 83RD ST	yes	9.68	18.53	1.28	8.85	-8.40	-17.26	yes	no	no
100975	MILDRED AVE	MILDRED AVE	yes	4,887.94	6,551.10	5,512.77	1,663.16	624.84	-1,038.32	yes	yes	no
100977	MOTOR AVE	MOTOR AVE	yes	145.67	225.45	206.64	79.78	60.96	-18.82	yes	yes	no
101002	WASHINGTON BLVD	WASHINGTON BLVD	yes	23.74	25.54	24.89	1.81	1.15	-0.66	yes	yes	no
101003	OVERLAND AVE	OVERLAND AVE	yes	1,071.35	1,604.19	1,340.22	532.83	268.87	-263.96	yes	yes	no
101004	OVERLAND AVE	OVERLAND AVE	yes	1,257.65	1,912.32	1,604.84	654.67	347.19	-307.48	yes	yes	no
101005	WASHINGTON BLVD	WASHINGTON BLVD	yes	179.84	297.97	261.65	118.13	81.80	-36.32	yes	yes	no
101017	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	236.10	314.53	268.86	78.43	32.76	-45.67	yes	yes	no
101018	OLYMPIC BLVD	OLYMPIC BLVD	yes	6.23	14.79	8.20	8.56	1.97	-6.59	yes	yes	no
101019	STEWART ST	STEWART ST	yes	3.29	5.43	3.42	2.15	0.13	-2.01	yes	no	no
101023	MOTOR AVE	MOTOR AVE	yes	157.37	243.28	222.67	85.92	65.31	-20.61	yes	yes	no
101025	CULVER BLVD	CULVER BLVD	yes	226.48	330.33	275.03	103.85	48.55	-55.30	yes	yes	no
101032	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	38.29	40.76	33.65	2.48	-4.63	-7.11	yes	no	no
101033	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	572.27	1,005.68	787.19	433.41	214.93	-218.49	yes	yes	no
101034	JEFFERSON BLVD	JEFFERSON BLVD	yes	21.65	24.48	20.19	2.84	-1.46	-4.30	yes	no	no
101035	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	559.40	995.37	868.92	435.97	309.52	-126.45	yes	yes	no
101044	EMERSON AVE	EMERSON AVE	yes	455.22	582.40	589.90	127.18	134.68	7.49	yes	yes	yes
101045	W MANCHESTER AVE	W MANCHESTER AVE	yes	889.96	1,236.20	536.70	346.24	-353.26	-699.50	yes	no	no
101046	W MANCHESTER AVE	W MANCHESTER AVE	yes	550.96	844.11	213.29	293.14	-337.67	-630.82	yes	no	no
101055	WASHINGTON BLVD	WASHINGTON BLVD	yes	460.43	1,048.80	887.80	588.37	427.37	-161.00	yes	yes	no
101056	PACIFIC AVE	PACIFIC AVE	yes	460.43	1,048.72	923.99	588.29	463.56	-124.73	yes	yes	no
101075	WASHINGTON BLVD	WASHINGTON BLVD	yes	23.72	25.85	25.19	2.13	1.47	-0.66	yes	yes	no
101097	N VENICE BLVD	N VENICE BLVD	yes	113.57	115.84	46.07	2.27	-67.50	-69.77	yes	no	no
101098	VENICE WAY	VENICE WAY	yes	4,776.46	6,438.04	5,451.96	1,661.59	675.50	-986.09	yes	yes	no
101099	PALMS BLVD	PALMS BLVD	yes	65.91	78.17	73.10	12.26	7.19	-5.07	yes	yes	no
101100	MOTOR AVE	MOTOR AVE	yes	182.16	293.61	262.39	111.45	80.23	-31.22	yes	yes	no
101101	PALMS BLVD	PALMS BLVD	yes	24.44	40.22	33.38	15.78	8.94	-6.84	yes	yes	no
101140	WASHINGTON BLVD	WASHINGTON BLVD	yes	690.21	1,394.76	1,206.61	704.54	516.39	-188.15	yes	yes	no
101149	W ROSECRANS AVE	W ROSECRANS AVE	yes	452.17	615.78	559.57	163.61	107.40	-56.21	yes	yes	no
101152	S CENTINELA AVE	S CENTINELA AVE	yes	175.82	333.12	284.11	157.30	108.28	-49.01	yes	yes	no
101172	OVERLAND AVE	OVERLAND AVE	yes	1,016.29	1,531.60	1,276.74	515.31	260.45	-254.86	yes	yes	no
101173	OVERLAND AVE	OVERLAND AVE	yes	1,047.48	1,573.85	1,316.89	526.37	269.41	-256.97	yes	yes	no
101186	PALMS BLVD	PALMS BLVD	yes	53.23	69.74	69.34	16.51	16.11	-0.40	yes	yes	no
101187	OVERLAND AVE	OVERLAND AVE	yes	930.90	1,420.44	1,183.87	489.55	252.98	-236.57	yes	yes	no
101188	VENICE BLVD	VENICE BLVD	yes	32.14	38.36	33.68	6.23	1.55	-4.68	yes	yes	no
101213	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	10,913.23	17,359.29	13,298.69	6,446.06	2,385.46	-4,060.60	yes	yes	no
101214	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	9,850.36	15,777.58	12,031.45	5,927.22	2,181.09	-3,746.13	yes	yes	no
101215	E MARIPOSA AVE	E MARIPOSA AVE	yes	220.07	229.22	269.88	9.14	49.81	40.67	yes	yes	yes
101220	SANTA MONICA BLVD	SANTA MONICA BLVD	yes	0.57	1.73	1.78	1.16	1.21	0.05	yes	yes	no
101259	14TH ST	14TH ST	yes	3.44	5.41	4.73	1.97	1.29	-0.68	yes	yes	no
101265	JEFFERSON BLVD	JEFFERSON BLVD	yes	3,373.63	4,611.57	4,162.03	1,237.94	788.40	-449.54	yes	yes	no
101266	JEFFERSON BLVD	JEFFERSON BLVD	yes	49.25	64.58	77.61	15.33	28.36	13.03	yes	yes	yes
101267	SLAUSON AVE	SLAUSON AVE	yes	3,327.11	4,558.45	4,094.43	1,231.34	767.32	-464.02	yes	yes	no
101268	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	11,010.58	17,502.79	13,429.43	6,492.21	2,418.85	-4,073.36	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
101272	PACIFIC AVE	PACIFIC AVE	yes	3,195.09	5,012.20	4,385.01	1,817.12	1,189.93	-627.19	yes	yes	no
101274	14TH ST	14TH ST	yes	11.99	15.64	13.29	3.64	1.30	-2.34	yes	yes	no
101276	CASTLE HEIGHTS AVE	CASTLE HEIGHTS AVE	yes	112.40	200.21	160.82	87.81	48.41	-39.40	yes	yes	no
101284	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	7,068.62	10,329.19	8,692.58	3,260.57	1,623.95	-1,636.62	yes	yes	no
101285	W ROSECRANS AVE	W ROSECRANS AVE	yes	466.69	2,636.05	1,275.91	2,169.37	809.22	-1,360.15	yes	yes	no
101289	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	35.46	45.79	39.45	10.32	3.99	-6.33	yes	yes	no
101290	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	77.89	101.48	90.03	23.59	12.14	-11.45	yes	yes	no
101302	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	47.35	64.30	57.79	16.95	10.44	-6.51	yes	yes	no
101303	LINCOLN BLVD	LINCOLN BLVD	yes	6,385.05	8,284.89	7,224.12	1,899.84	839.07	-1,060.77	yes	yes	no
101312	26TH ST	26TH ST	yes	61.95	87.17	76.91	25.22	14.96	-10.26	yes	yes	no
101319	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	6,639.08	9,721.51	8,104.60	3,082.43	1,465.52	-1,616.92	yes	yes	no
101323	VALLEY DR	VALLEY DR	yes	429.54	607.68	522.00	178.14	92.45	-85.68	yes	yes	no
101332	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	31,296.13	43,500.47	36,659.62	12,204.34	5,363.48	-6,840.85	yes	yes	no
101333	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	27,661.17	38,031.02	31,684.64	10,369.85	4,023.47	-6,346.38	yes	yes	no
101348	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	17,799.22	25,365.70	18,780.68	7,566.49	981.47	-6,585.02	yes	yes	no
101349	W CENTURY BLVD	W CENTURY BLVD	yes	47,595.63	66,434.55	46,161.42	18,838.93	-1,434.21	-20,273.14	yes	no	no
101356	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	32,928.42	45,187.67	38,607.77	12,259.25	5,679.35	-6,579.90	yes	yes	no
101357	WESTCHESTER PKY	WESTCHESTER PKY	yes	1,488.96	2,077.01	2,063.14	588.06	574.18	-13.87	yes	yes	no
101358	WESTCHESTER PKY	WESTCHESTER PKY	yes	2,399.22	3,268.82	3,299.39	869.60	900.17	30.57	yes	yes	yes
101359	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	18,193.85	24,169.86	19,825.30	5,976.01	1,631.45	-4,344.55	yes	yes	no
101374	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	26,976.60	37,112.12	30,869.38	10,135.52	3,892.78	-6,242.74	yes	yes	no
101375	W MANCHESTER AVE	W MANCHESTER AVE	yes	702.31	975.74	304.39	273.43	-397.92	-671.35	yes	no	no
101378	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	18,088.71	25,351.26	19,738.83	7,262.55	1,650.12	-5,612.42	yes	yes	no
101379	LINCOLN BLVD	LINCOLN BLVD	yes	7,773.21	10,794.19	8,720.26	3,020.97	947.04	-2,073.93	yes	yes	no
101380	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	25,861.92	36,145.44	28,459.09	10,283.52	2,597.17	-7,686.35	yes	yes	no
101389	WASHINGTON BLVD	WASHINGTON BLVD	yes	13.68	16.00	15.15	2.31	1.47	-0.84	yes	yes	no
101390	DUQUESNE AVE	DUQUESNE AVE	yes	204.08	340.17	265.89	136.09	61.81	-74.28	yes	yes	no
101395	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	69,529.29	88,127.67	75,280.53	18,598.38	5,751.24	-12,847.14	yes	yes	no
101404	N SEPULVEDA BLVD	N SEPULVEDA BLVD	yes	9,266.40	15,045.47	11,471.44	5,779.08	2,205.04	-3,574.04	yes	yes	no
101405	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	1,439.38	1,995.26	1,839.92	555.88	400.54	-155.34	yes	yes	no
101406	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	1,097.65	1,431.30	1,049.79	333.66	-47.86	-381.51	yes	no	no
101408	E GRAND AVE	E GRAND AVE	yes	87.24	147.62	116.87	60.38	29.64	-30.74	yes	yes	no
101413	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	18,071.39	24,158.19	19,795.07	6,086.79	1,723.68	-4,363.12	yes	yes	no
101414	LINCOLN BLVD	LINCOLN BLVD	yes	7,778.49	10,798.88	8,724.99	3,020.39	946.50	-2,073.89	yes	yes	no
101418	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	1,771.83	6,934.25	3,033.87	5,162.43	1,262.04	-3,900.38	yes	yes	no
101419	LINCOLN BLVD	LINCOLN BLVD	yes	25,185.82	33,670.95	27,770.85	8,485.13	2,585.02	-5,900.10	yes	yes	no
101420	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	11,795.34	16,384.41	15,384.12	4,589.07	3,588.78	-1,000.29	yes	yes	no
101421	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	1,787.97	10,864.99	3,134.17	9,077.02	1,346.20	-7,730.82	yes	yes	no
101436	26TH ST	26TH ST	yes	134.13	155.57	136.11	21.44	1.98	-19.45	yes	yes	no
101437	26TH ST	26TH ST	yes	136.54	162.27	142.88	25.72	6.33	-19.39	yes	yes	no
101438	OLYMPIC BLVD	OLYMPIC BLVD	yes	4.01	8.24	2.06	4.23	-1.95	-6.18	yes	no	no
101442	OVERLAND AVE	OVERLAND AVE	yes	2,144.41	3,274.79	2,606.83	1,130.39	462.43	-667.96	yes	yes	no
101443	CULVER BLVD	CULVER BLVD	yes	1,112.14	1,690.94	1,275.39	578.79	163.24	-415.55	yes	yes	no
101447	S VENICE BLVD	S VENICE BLVD	yes	84.85	128.77	114.89	43.93	30.05	-13.88	yes	yes	no
101459	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	102.39	119.70	114.55	17.31	12.16	-5.14	yes	yes	no
101460	PACIFIC AVE	PACIFIC AVE	yes	440.42	1,035.21	907.68	594.79	467.26	-127.53	yes	yes	no
101469	COLORADO AVE	COLORADO AVE	yes	3.52	6.09	3.13	2.56	-0.39	-2.96	yes	no	no
101471	26TH ST	26TH ST	yes	109.90	133.21	120.48	23.31	10.58	-12.73	yes	yes	no
101472	MOTOR AVE	MOTOR AVE	yes	155.71	268.08	234.30	112.36	78.59	-33.78	yes	yes	no
101484	W CENTINELA AVE	W CENTINELA AVE	yes	689.47	1,119.04	862.88	429.57	173.41	-256.16	yes	yes	no
101488	VENICE BLVD	VENICE BLVD	yes	36.94	43.37	41.60	6.44	4.66	-1.77	yes	yes	no
101489	MOTOR AVE	MOTOR AVE	yes	164.25	275.70	243.36	111.45	79.11	-32.34	yes	yes	no
101490	LINCOLN BLVD	LINCOLN BLVD	yes	6,434.54	8,347.97	7,279.86	1,913.43	845.32	-1,068.11	yes	yes	no
101491	ROSE AVE	ROSE AVE	yes	10.70	16.10	15.49	5.41	4.79	-0.61	yes	yes	no
101506	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	6,372.86	7,748.16	7,162.15	1,375.29	789.29	-586.00	yes	yes	no
101507	PICO BLVD	PICO BLVD	yes	7.67	9.53	8.18	1.86	0.51	-1.36	yes	no	no
101511	VENICE BLVD	VENICE BLVD	yes	23.60	30.74	24.62	7.14	1.02	-6.12	yes	yes	no
101515	OVERLAND AVE	OVERLAND AVE	yes	2,173.37	3,360.17	2,666.39	1,186.81	493.02	-693.78	yes	yes	no
101521	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	93.73	115.97	103.60	22.25	9.87	-12.38	yes	yes	no
101529	NATIONAL BLVD	NATIONAL BLVD	yes	4.46	13.47	12.05	9.01	7.60	-1.42	yes	yes	no
101534	OVERLAND AVE	OVERLAND AVE	yes	2,175.89	3,365.59	2,671.19	1,189.70	495.30	-694.40	yes	yes	no
101535	MAIN ST	MAIN ST	yes	2,355.00	2,891.35	2,451.13	536.35	96.13	-440.22	yes	yes	no
101536	BROOKS AVE	BROOKS AVE	yes	2,292.81	2,864.40	2,419.66	571.59	126.85	-444.73	yes	yes	no
101543	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	78.51	85.49	72.24	6.98	-6.27	-13.25	yes	no	no
101544	26TH ST	26TH ST	yes	61.79	86.66	76.51	24.87	14.72	-10.15	yes	yes	no
101554	MAIN ST	MAIN ST	yes	1,351.63	1,627.63	1,270.31	276.00	-81.32	-357.32	yes	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
101564	SAWTELLE BLVD	SAWTELLE BLVD	yes	137.50	276.92	221.79	139.42	84.29	-55.13	yes	yes	no
101565	CULVER BLVD	CULVER BLVD	yes	219.60	441.59	368.45	221.99	148.85	-73.14	yes	yes	no
101567	MARINA FWY	MARINA FWY	yes	16.44	27.41	39.01	10.97	22.56	11.59	yes	yes	yes
101568	MARINA FWY	MARINA FWY	yes	13.71	22.77	36.96	9.06	23.26	14.20	yes	yes	yes
101573	PERSHING DR	PERSHING DR	yes	2,845.94	3,653.84	3,300.65	807.90	454.71	-353.19	yes	yes	no
101574	PERSHING DR	PERSHING DR	yes	3,312.84	4,378.34	3,961.24	1,065.51	648.41	-417.10	yes	yes	no
101575	OVERLAND AVE	OVERLAND AVE	yes	984.31	1,445.39	1,237.32	461.08	253.01	-208.07	yes	yes	no
101589	W PICO BLVD	W PICO BLVD	yes	3.36	6.41	5.59	3.04	2.22	-0.82	yes	yes	no
101590	W PICO BLVD	W PICO BLVD	yes	4.93	7.59	7.07	2.66	2.13	-0.52	yes	yes	no
101593	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	195.77	277.10	257.00	81.33	61.23	-20.10	yes	yes	no
101594	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	197.80	282.74	250.69	84.94	52.89	-32.05	yes	yes	no
101595	VENICE BLVD	VENICE BLVD	yes	19.48	20.54	21.58	1.06	2.10	1.04	yes	yes	yes
101616	LINCOLN BLVD	LINCOLN BLVD	yes	7,499.58	9,714.26	8,345.87	2,214.68	846.29	-1,368.39	yes	yes	no
101617	LINCOLN BLVD	LINCOLN BLVD	yes	7,499.58	9,714.26	8,345.87	2,214.68	846.29	-1,368.39	yes	yes	no
101618	W MANCHESTER AVE	W MANCHESTER AVE	yes	425.97	475.56	443.63	49.59	17.66	-31.93	yes	yes	no
101624	S BARRINGTON AVE	S BARRINGTON AVE	yes	159.88	233.33	223.70	73.45	63.82	-9.63	yes	yes	no
101625	S BARRINGTON AVE	S BARRINGTON AVE	yes	234.94	352.12	323.45	117.18	88.51	-28.66	yes	yes	no
101638	S CENTINELA AVE	S CENTINELA AVE	yes	545.50	743.02	651.48	197.51	105.98	-91.54	yes	yes	no
101639	S CENTINELA AVE	S CENTINELA AVE	yes	568.14	765.06	674.34	196.91	106.20	-90.72	yes	yes	no
101640	SHORT AVE	SHORT AVE	yes	26.05	51.91	41.27	25.87	15.22	-10.64	yes	yes	no
101643	MARINA FWY	MARINA FWY	yes	16.44	27.41	39.01	10.97	22.56	11.59	yes	yes	yes
101644	LINCOLN BLVD	LINCOLN BLVD	yes	9,898.42	13,223.44	11,494.21	3,325.02	1,595.79	-1,729.23	yes	yes	no
101645	MINDANAO WAY	MINDANAO WAY	yes	1,914.51	2,570.37	2,212.14	655.86	297.63	-358.23	yes	yes	no
101646	ADMIRALTY WAY	ADMIRALTY WAY	yes	1,548.61	2,252.38	1,895.95	703.76	347.34	-356.42	yes	yes	no
101647	ADMIRALTY WAY	ADMIRALTY WAY	yes	3,297.55	4,831.59	4,069.48	1,534.04	771.93	-762.12	yes	yes	no
101657	S CENTINELA AVE	S CENTINELA AVE	yes	540.80	736.17	645.66	195.36	104.85	-90.51	yes	yes	no
101663	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	720.28	928.95	830.86	208.68	110.59	-98.09	yes	yes	no
101664	CULVER BLVD	CULVER BLVD	yes	1,936.17	2,475.66	2,244.53	539.49	308.36	-231.13	yes	yes	no
101665	CULVER BLVD	CULVER BLVD	yes	2,657.21	3,405.16	3,075.85	747.95	418.64	-329.31	yes	yes	no
101672	MINDANAO WAY	MINDANAO WAY	yes	235.98	316.52	279.84	80.54	43.86	-36.68	yes	yes	no
101673	LINCOLN BLVD	LINCOLN BLVD	yes	12,040.97	16,097.20	13,916.35	4,056.23	1,875.38	-2,180.85	yes	yes	no
101681	PERSHING DR	PERSHING DR	yes	3,347.83	4,323.64	3,917.00	975.80	569.17	-406.64	yes	yes	no
101682	WESTCHESTER PKY	WESTCHESTER PKY	yes	843.67	1,233.91	1,114.49	390.24	270.82	-119.42	yes	yes	no
101693	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	197.09	278.12	257.17	81.04	60.08	-20.95	yes	yes	no
101709	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	177.20	301.52	262.52	124.32	85.32	-39.00	yes	yes	no
101711	WASHINGTON PL	WASHINGTON PL	yes	1.26	2.46	2.26	1.20	0.99	-0.20	yes	no	no
101712	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	165.14	284.96	248.33	119.82	83.19	-36.63	yes	yes	no
101714	S BARRINGTON AVE	S BARRINGTON AVE	yes	165.38	242.98	232.07	77.60	66.70	-10.91	yes	yes	no
101715	CULVER BLVD	CULVER BLVD	yes	671.36	894.08	716.46	222.72	45.09	-177.62	yes	yes	no
101716	CULVER BLVD	CULVER BLVD	yes	705.66	934.83	746.85	229.17	41.19	-187.98	yes	yes	no
101717	BRADDOCK DR	BRADDOCK DR	yes	7.05	14.55	11.06	7.50	4.01	-3.49	yes	yes	no
101719	NATIONAL BLVD	NATIONAL BLVD	yes	15.11	34.55	26.37	19.44	11.26	-8.18	yes	yes	no
101720	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	135.89	242.01	208.30	106.12	72.40	-33.72	yes	yes	no
101721	NATIONAL BLVD	NATIONAL BLVD	yes	33.69	61.35	59.56	27.66	25.87	-1.80	yes	yes	no
101722	WASHINGTON BLVD	WASHINGTON BLVD	yes	507.87	642.65	565.92	134.78	58.05	-76.73	yes	yes	no
101723	WASHINGTON BLVD	WASHINGTON BLVD	yes	298.32	368.19	321.33	69.87	23.01	-46.86	yes	yes	no
101724	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	291.27	572.61	427.89	281.34	136.62	-144.72	yes	yes	no
101725	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	515.03	876.13	696.46	361.10	181.43	-179.67	yes	yes	no
101726	LOUISE AVE	LOUISE AVE	yes	224.08	304.12	267.68	80.04	43.60	-36.44	yes	yes	no
101730	NATIONAL BLVD	NATIONAL BLVD	yes	83.00	101.73	92.48	18.73	9.48	-9.25	yes	yes	no
101731	WESTWOOD BLVD	WESTWOOD BLVD	yes	21.57	50.53	50.93	28.95	29.36	0.41	yes	yes	no
101740	CULVER BLVD	CULVER BLVD	yes	278.74	429.62	350.29	150.89	71.55	-79.34	yes	yes	no
101741	S CENTINELA AVE	S CENTINELA AVE	yes	175.51	300.60	268.59	125.08	93.08	-32.00	yes	yes	no
101745	S CENTINELA AVE	S CENTINELA AVE	yes	538.59	826.95	673.21	288.36	134.61	-153.75	yes	yes	no
101746	S BUNDY DR	S BUNDY DR	yes	531.96	839.02	683.00	307.06	151.04	-156.02	yes	yes	no
101774	S BARRINGTON AVE	S BARRINGTON AVE	yes	224.74	337.36	310.76	112.62	86.02	-26.60	yes	yes	no
101782	LINCOLN BLVD	LINCOLN BLVD	yes	13,804.60	18,723.30	16,086.53	4,918.70	2,281.93	-2,636.77	yes	yes	no
101783	LINCOLN BLVD	LINCOLN BLVD	yes	6,761.82	9,091.66	7,472.55	2,329.84	710.73	-1,619.11	yes	yes	no
101785	WASHINGTON BLVD	WASHINGTON BLVD	yes	82.28	224.18	125.89	141.90	43.61	-98.29	yes	yes	no
101786	WASHINGTON BLVD	WASHINGTON BLVD	yes	25.64	35.02	34.65	9.38	9.01	-0.37	yes	yes	no
101787	SAWTELLE BLVD	SAWTELLE BLVD	yes	166.15	238.09	218.00	71.94	51.85	-20.09	yes	yes	no
101792	VISTA DEL MAR BLVD	VISTA DEL MAR BLVD	yes	329.92	435.52	381.80	105.60	51.87	-53.73	yes	yes	no
101793	N HIGHLAND AVE	N HIGHLAND AVE	yes	321.83	427.00	378.98	105.16	57.15	-48.02	yes	yes	no
101806	WALGROVE AVE	WALGROVE AVE	yes	477.80	617.32	544.82	139.52	67.02	-72.50	yes	yes	no
101817	LINCOLN BLVD	LINCOLN BLVD	yes	13,826.70	18,766.14	16,109.99	4,939.44	2,283.29	-2,656.15	yes	yes	no
101834	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	199.77	288.06	255.70	88.29	55.93	-32.36	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
101842	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	290.12	466.06	388.75	175.94	98.63	-77.31	yes	yes	no
101843	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	368.22	548.50	467.85	180.28	99.62	-80.65	yes	yes	no
101844	GRAND AVE	GRAND AVE	yes	44.46	58.26	49.13	13.80	4.67	-9.13	yes	yes	no
101845	W GRAND AVE	W GRAND AVE	yes	44.33	57.09	48.47	12.76	4.14	-8.62	yes	yes	no
101854	LINCOLN BLVD	LINCOLN BLVD	yes	13,946.35	18,801.18	16,125.38	4,854.83	2,179.02	-2,675.80	yes	yes	no
101859	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	297.85	407.58	358.46	109.73	60.61	-49.12	yes	yes	no
101860	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	6,222.53	7,589.57	7,028.32	1,367.05	805.79	-561.25	yes	yes	no
101870	VENICE BLVD	VENICE BLVD	yes	9.26	11.16	10.27	1.90	1.01	-0.89	yes	yes	no
101872	WASHINGTON PL	WASHINGTON PL	yes	1.42	5.93	4.35	4.51	2.93	-1.58	yes	yes	no
101873	WASHINGTON BLVD	WASHINGTON BLVD	yes	1.41	5.47	4.06	4.06	2.65	-1.41	yes	yes	no
101880	SAWTELLE BLVD	SAWTELLE BLVD	yes	175.98	232.41	204.68	56.43	28.71	-27.72	yes	yes	no
101881	NATIONAL BLVD	NATIONAL BLVD	yes	23.74	28.45	30.93	4.71	7.18	2.48	yes	yes	yes
101882	SAWTELLE BLVD	SAWTELLE BLVD	yes	289.88	370.48	342.43	80.59	52.55	-28.05	yes	yes	no
101884	S CENTINELA AVE	S CENTINELA AVE	yes	601.57	925.72	762.44	324.15	160.87	-163.28	yes	yes	no
101885	WASHINGTON PL	WASHINGTON PL	yes	1.26	2.46	2.26	1.20	0.99	-0.20	yes	no	no
101886	S CENTINELA AVE	S CENTINELA AVE	yes	612.06	938.70	774.17	326.64	162.11	-164.53	yes	yes	no
101889	MARINA FWY	MARINA FWY	yes	937.19	1,138.58	983.53	201.39	46.34	-155.05	yes	yes	no
101890	CULVER BLVD	CULVER BLVD	yes	1,253.72	1,622.46	1,428.18	368.74	174.46	-194.28	yes	yes	no
101891	VISTA DEL MAR	VISTA DEL MAR	yes	285.72	379.81	334.07	94.09	48.35	-45.74	yes	yes	no
101909	MARINA FWY	MARINA FWY	yes	33.04	41.96	35.62	8.92	2.58	-6.34	yes	yes	no
101910	SHORT AVE	SHORT AVE	yes	28.03	54.17	43.39	26.13	15.36	-10.78	yes	yes	no
101911	PALMS BLVD	PALMS BLVD	yes	5.38	7.51	7.54	2.13	2.16	0.04	yes	yes	no
101912	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	133.85	184.41	172.88	50.56	39.03	-11.53	yes	yes	no
101917	VENICE BLVD	VENICE BLVD	yes	2.18	3.71	4.42	1.52	2.24	0.71	yes	yes	no
101918	S CENTINELA AVE	S CENTINELA AVE	yes	558.00	861.86	701.53	303.86	143.53	-160.33	yes	yes	no
101920	NATIONAL BLVD	NATIONAL BLVD	yes	8.56	10.35	13.00	1.79	4.44	2.65	yes	yes	yes
101925	PALMS BLVD	PALMS BLVD	yes	5.82	11.76	10.78	5.94	4.95	-0.98	yes	yes	no
101926	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	146.94	253.90	220.64	106.96	73.70	-33.26	yes	yes	no
101929	SAWTELLE BLVD	SAWTELLE BLVD	yes	289.88	370.48	342.43	80.59	52.55	-28.05	yes	yes	no
101949	MINDANAO WAY	MINDANAO WAY	yes	14.08	32.59	25.15	18.50	11.07	-7.43	yes	yes	no
101951	MARINA FWY	MARINA FWY	yes	25.47	40.16	70.69	14.68	45.22	30.53	yes	yes	yes
101952	MINDANAO WAY	MINDANAO WAY	yes	54.09	67.90	58.83	13.80	4.74	-9.06	yes	yes	no
101971	MARINA FWY	MARINA FWY	yes	2.74	4.65	2.04	1.91	-0.69	-2.60	yes	no	no
101972	S CENTINELA AVE	S CENTINELA AVE	yes	554.58	857.00	698.30	302.42	143.72	-158.70	yes	yes	no
101982	FIJI WAY	FIJI WAY	yes	1,645.43	2,410.07	2,022.19	764.63	376.76	-387.87	yes	yes	no
101990	VENICE BLVD	VENICE BLVD	yes	11.23	12.49	12.70	1.25	1.47	0.22	yes	yes	no
101991	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	151.04	260.69	227.44	109.66	76.41	-33.25	yes	yes	no
101992	VENICE BLVD	VENICE BLVD	yes	1.64	3.02	4.19	1.38	2.54	1.17	yes	yes	yes
102017	S CENTINELA AVE	S CENTINELA AVE	yes	131.90	166.76	175.76	34.86	43.86	9.00	yes	yes	yes
102028	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	23.74	32.60	29.78	8.86	6.04	-2.82	yes	yes	no
102033	WASHINGTON BLVD	WASHINGTON BLVD	yes	2,448.24	3,358.39	2,868.58	910.16	420.34	-489.82	yes	yes	no
102034	WASHINGTON BLVD	WASHINGTON BLVD	yes	40.57	44.50	40.70	3.93	0.13	-3.80	yes	no	no
102044	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	14.44	33.03	26.65	18.59	12.21	-6.38	yes	yes	no
102045	WASHINGTON BLVD	WASHINGTON BLVD	yes	38.74	44.03	40.58	5.29	1.84	-3.45	yes	yes	no
102046	SAWTELLE BLVD	SAWTELLE BLVD	yes	122.43	253.38	216.03	130.95	93.59	-37.35	yes	yes	no
102059	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	482.28	918.64	710.14	436.36	227.86	-208.50	yes	yes	no
102061	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	215.38	314.77	280.69	99.38	65.31	-34.07	yes	yes	no
102066	S BUNDY DR	S BUNDY DR	yes	218.98	368.26	278.43	149.28	59.45	-89.83	yes	yes	no
102116	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	427.87	626.71	531.85	198.84	103.99	-94.85	yes	yes	no
102120	ROSE AVE	ROSE AVE	yes	3.69	6.69	4.63	2.99	0.93	-2.06	yes	no	no
102121	WALGROVE AVE	WALGROVE AVE	yes	452.02	609.73	541.60	157.71	89.58	-68.13	yes	yes	no
102133	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	89.22	103.22	78.78	14.00	-10.45	-24.45	yes	no	no
102158	VIA MARINA	VIA MARINA	yes	83.64	115.17	104.47	31.53	20.83	-10.69	yes	yes	no
102159	VIA MARINA	VIA MARINA	yes	3,214.03	4,716.69	4,077.14	1,502.66	863.11	-639.55	yes	yes	no
102160	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	374.77	570.08	469.72	195.30	94.95	-100.35	yes	yes	no
102161	LINCOLN BLVD	LINCOLN BLVD	no	7,837.67	10,675.63	8,807.90	2,837.96	8,807.90	8,807.90	yes	yes	yes
102162	WESTCHESTER PKY	WESTCHESTER PKY	yes	1,231.08	1,799.86	1,586.77	568.78	355.69	-213.09	yes	yes	no
102167	LINCOLN BLVD	LINCOLN BLVD	yes	6,801.56	9,114.67	7,661.64	2,313.11	860.08	-1,453.03	yes	yes	no
102170	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	259.83	347.12	298.63	87.29	38.80	-48.49	yes	yes	no
102175	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	91.72	105.37	80.47	13.65	-11.25	-24.89	yes	no	no
102177	LINCOLN BLVD	LINCOLN BLVD	yes	6,603.47	8,531.81	7,451.86	1,928.34	848.39	-1,079.95	yes	yes	no
102189	S CENTINELA AVE	S CENTINELA AVE	yes	187.23	312.55	286.06	125.32	98.83	-26.49	yes	yes	no
102200	WALGROVE AVE	WALGROVE AVE	yes	458.00	590.86	521.07	132.85	63.07	-69.78	yes	yes	no
102203	WASHINGTON BLVD	WASHINGTON BLVD	yes	242.31	328.97	292.98	86.65	50.67	-35.98	yes	yes	no
102206	WALGROVE AVE	WALGROVE AVE	yes	453.97	585.50	515.44	131.54	61.48	-70.06	yes	yes	no
102208	BEETHOVEN ST	BEETHOVEN ST	yes	3.78	6.78	4.71	3.00	0.93	-2.07	yes	no	no

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102209	PALMS BLVD	PALMS BLVD	yes	8.00	10.38	9.73	2.38	1.73	-0.65	yes	yes	no
102210	SAWTELLE BLVD	SAWTELLE BLVD	yes	223.14	291.54	291.99	68.40	68.85	0.44	yes	yes	no
102223	VENICE BLVD	VENICE BLVD	yes	9.52	11.50	10.41	1.98	0.89	-1.09	yes	no	no
102224	SAWTELLE BLVD	SAWTELLE BLVD	yes	210.84	286.13	274.53	75.29	63.69	-11.60	yes	yes	no
102231	W GRAND AVE	W GRAND AVE	yes	255.81	321.09	318.40	65.28	62.59	-2.69	yes	yes	no
102239	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	77.29	113.23	97.98	35.94	20.69	-15.25	yes	yes	no
102242	VENICE BLVD	VENICE BLVD	yes	13.72	23.36	16.44	9.64	2.72	-6.92	yes	yes	no
102248	VENICE BLVD	VENICE BLVD	yes	29.82	34.81	32.62	4.98	2.80	-2.19	yes	yes	no
102249	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	390.57	577.62	488.61	187.05	98.04	-89.01	yes	yes	no
102259	S BUNDY DR	S BUNDY DR	yes	443.52	701.12	566.71	257.60	123.19	-134.41	yes	yes	no
102260	W PICO BLVD	W PICO BLVD	yes	26.51	46.54	36.84	20.03	10.33	-9.70	yes	yes	no
102262	N VENICE BLVD	N VENICE BLVD	yes	18.63	25.28	22.11	6.65	3.48	-3.17	yes	yes	no
102263	LINCOLN BLVD	LINCOLN BLVD	yes	6,708.58	8,704.74	7,619.24	1,996.16	910.66	-1,085.50	yes	yes	no
102265	LINCOLN BLVD	LINCOLN BLVD	yes	6,731.59	8,736.22	7,645.86	2,004.64	914.27	-1,090.37	yes	yes	no
102266	E GRAND AVE	E GRAND AVE	yes	244.20	308.84	307.79	64.64	63.59	-1.05	yes	yes	no
102268	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	27.72	36.94	35.18	9.23	7.47	-1.76	yes	yes	no
102269	WASHINGTON BLVD	WASHINGTON BLVD	yes	136.41	155.30	125.96	18.89	-10.45	-29.34	yes	no	no
102276	MAIN ST	MAIN ST	yes	204.40	331.94	289.38	127.55	84.99	-42.56	yes	yes	no
102278	CULVER BLVD	CULVER BLVD	yes	5.09	8.07	8.49	2.98	3.40	0.43	yes	yes	no
102279	VISTA DEL MAR LN	VISTA DEL MAR LN	yes	4.55	7.97	8.40	3.41	3.85	0.44	yes	yes	no
102280	VENICE BLVD	VENICE BLVD	yes	64.53	68.22	71.68	3.69	7.15	3.47	yes	yes	yes
102281	MAIN ST	MAIN ST	yes	105.01	166.18	149.83	61.18	44.82	-16.36	yes	yes	no
102282	MAIN ST	MAIN ST	yes	115.66	185.33	167.32	69.68	51.67	-18.01	yes	yes	no
103265	S BROADWAY	S BROADWAY	yes	1,328.74	3,543.59	2,925.42	2,214.84	1,596.68	-618.16	yes	yes	no
103266	S BROADWAY	S BROADWAY	yes	45.31	67.27	99.72	21.96	54.42	32.46	yes	yes	yes
103267	W 92ND ST	W 92ND ST	yes	54.22	99.46	89.54	45.24	35.32	-9.91	yes	yes	no
103268	S BROADWAY	S BROADWAY	yes	2,224.50	5,556.91	4,863.67	3,332.41	2,639.17	-693.23	yes	yes	no
103269	S BROADWAY	S BROADWAY	yes	900.11	2,018.45	1,775.04	1,118.34	874.93	-243.40	yes	yes	no
103277	S BROADWAY	S BROADWAY	yes	2,044.57	5,489.57	4,893.67	3,445.00	2,849.10	-595.90	yes	yes	no
103278	W MANCHESTER AVE	W MANCHESTER AVE	yes	459.33	677.66	599.28	218.33	139.95	-78.38	yes	yes	no
103279	W MANCHESTER AVE	W MANCHESTER AVE	yes	223.51	391.81	423.49	168.30	199.98	31.68	yes	yes	yes
103280	S BROADWAY	S BROADWAY	yes	2,025.77	5,463.88	4,865.25	3,438.10	2,839.48	-598.62	yes	yes	no
103284	W 92ND ST	W 92ND ST	yes	1,283.11	3,458.89	2,808.24	2,175.78	1,525.13	-650.65	yes	yes	no
103285	W CENTURY BLVD	W CENTURY BLVD	yes	700.32	1,193.84	1,245.58	493.52	545.26	51.74	yes	yes	yes
103289	S BROADWAY	S BROADWAY	yes	2,271.17	5,835.83	5,554.05	3,564.66	3,282.88	-281.78	yes	yes	no
103290	W FLORENCE AVE	W FLORENCE AVE	yes	448.50	927.08	793.72	478.58	345.22	-133.36	yes	yes	no
103291	W FLORENCE AVE	W FLORENCE AVE	yes	849.25	1,628.50	1,812.91	779.24	963.66	184.41	yes	yes	yes
103305	S FIGUEROA ST	S FIGUEROA ST	yes	877.90	1,115.46	988.14	237.57	110.24	-127.32	yes	yes	no
103306	S FIGUEROA ST	S FIGUEROA ST	yes	937.50	1,214.79	1,082.19	277.28	144.69	-132.60	yes	yes	no
103308	S BROADWAY	S BROADWAY	yes	2,342.51	5,901.26	5,679.45	3,558.75	3,336.94	-221.81	yes	yes	no
103309	W GAGE AVE	W GAGE AVE	yes	154.91	298.86	224.93	143.94	70.02	-73.93	yes	yes	no
103310	W GAGE AVE	W GAGE AVE	yes	228.24	366.79	352.53	138.55	124.29	-14.26	yes	yes	no
103325	S BROADWAY	S BROADWAY	yes	2,802.33	6,179.31	6,002.49	3,376.98	3,200.16	-176.81	yes	yes	no
103327	W SLAUSON AVE	W SLAUSON AVE	yes	375.86	489.17	445.49	113.31	69.63	-43.68	yes	yes	no
103328	S BROADWAY	S BROADWAY	yes	2,939.68	6,295.62	6,249.56	3,355.94	3,309.88	-46.06	yes	yes	no
103329	W 54TH ST	W 54TH ST	yes	76.48	164.99	104.32	88.51	27.84	-60.67	yes	yes	no
103330	W 54TH ST	W 54TH ST	yes	222.52	291.75	358.40	69.23	135.89	66.65	yes	yes	yes
103331	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	6.06	12.57	10.05	6.51	3.98	-2.53	yes	yes	no
103332	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	6.35	12.43	9.56	6.08	3.20	-2.88	yes	yes	no
103333	S FLOWER ST	S FLOWER ST	yes	643.40	905.41	731.91	262.01	88.51	-173.50	yes	yes	no
103334	S BROADWAY	S BROADWAY	yes	2,831.12	5,984.06	5,870.07	3,152.95	3,038.96	-113.99	yes	yes	no
103335	W 51ST ST	W 51ST ST	yes	458.99	599.61	645.17	140.62	186.18	45.56	yes	yes	yes
103340	S BROADWAY	S BROADWAY	yes	2,675.12	5,657.10	5,505.55	2,981.98	2,830.44	-151.55	yes	yes	no
103349	W VERNON AVE	W VERNON AVE	yes	566.23	1,066.91	872.73	500.68	306.50	-194.18	yes	yes	no
103350	W VERNON AVE	W VERNON AVE	yes	552.37	556.97	483.38	4.60	-68.99	-73.59	yes	no	no
103355	S BROADWAY	S BROADWAY	yes	2,660.68	5,146.60	5,115.64	2,485.92	2,454.96	-30.96	yes	yes	no
103358	S BROADWAY	S BROADWAY	yes	439.34	817.11	840.97	377.78	401.64	23.86	yes	yes	yes
103359	BROADWAY PL	BROADWAY PL	yes	2,198.30	4,297.40	4,243.79	2,099.10	2,045.49	-53.61	yes	yes	no
103361	S BROADWAY	S BROADWAY	yes	644.08	1,199.37	1,151.00	555.29	506.93	-48.37	yes	yes	no
103367	S BROADWAY	S BROADWAY	yes	928.47	2,063.47	1,828.28	1,135.00	899.81	-235.19	yes	yes	no
103368	W 92ND ST	W 92ND ST	yes	16.95	22.22	43.96	5.28	27.01	21.73	yes	yes	yes
103370	S BROADWAY	S BROADWAY	yes	46.26	59.23	74.78	12.97	28.52	15.55	yes	yes	yes
103371	W 108TH ST	W 108TH ST	yes	11.56	16.87	16.34	5.30	4.78	-0.53	yes	yes	no
103372	W ADAMS BLVD	W ADAMS BLVD	yes	61.33	92.82	116.70	31.49	55.37	23.88	yes	yes	yes
103373	S LA BREA AVE	S LA BREA AVE	yes	8,495.50	12,128.64	11,086.67	3,633.14	2,591.17	-1,041.98	yes	yes	no
103394	S MAIN ST	S MAIN ST	yes	1.98	3.61	3.62	1.63	1.64	0.01	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
103413	W 30TH ST	W 30TH ST	yes	5.61	10.11	8.64	4.50	3.04	-1.47	yes	yes	no
103414	S FIGUEROA ST	S FIGUEROA ST	yes	872.69	1,105.46	979.63	232.77	106.94	-125.84	yes	yes	no
103415	W 30TH ST	W 30TH ST	yes	65.73	77.66	70.37	11.93	4.64	-7.29	yes	yes	no
103432	CRENSHAW DR	CRENSHAW DR	yes	168.54	361.50	852.74	192.96	684.21	491.24	yes	yes	yes
103433	CRENSHAW DR	CRENSHAW DR	yes	160.76	316.82	781.42	156.06	620.66	464.60	yes	yes	yes
103434	W 83RD ST	W 83RD ST	yes	7.78	44.68	71.33	36.90	63.55	26.65	yes	yes	yes
103445	WEST BLVD	WEST BLVD	yes	116.01	209.10	223.82	93.09	107.81	14.72	yes	yes	yes
103446	W ADAMS BLVD	W ADAMS BLVD	yes	17.86	39.63	32.22	21.77	14.36	-7.42	yes	yes	no
103450	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	333.53	339.52	263.01	5.99	-70.52	-76.51	yes	no	no
103451	BROADWAY PL	BROADWAY PL	yes	2,241.08	4,332.97	4,245.02	2,091.89	2,003.94	-87.95	yes	yes	no
103460	S VAN NESS AVE	S VAN NESS AVE	yes	57.01	82.25	94.44	25.25	37.44	12.19	yes	yes	yes
103461	W MANCHESTER AVE	W MANCHESTER AVE	yes	211.19	502.44	1,297.29	291.25	1,086.11	794.85	yes	yes	yes
103462	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	334.13	676.52	1,476.50	342.39	1,142.36	799.97	yes	yes	yes
103463	S VAN NESS AVE	S VAN NESS AVE	yes	58.49	72.84	65.74	14.35	7.25	-7.10	yes	yes	no
103467	S BROADWAY	S BROADWAY	yes	52.92	59.86	72.75	6.94	19.83	12.89	yes	yes	yes
103469	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	115.54	252.26	251.25	136.72	135.72	-1.00	yes	yes	no
103488	S FLOWER ST	S FLOWER ST	yes	643.00	905.24	731.37	262.24	88.37	-173.87	yes	yes	no
103489	W 30TH ST	W 30TH ST	yes	23.16	31.88	30.16	8.71	7.00	-1.72	yes	yes	no
103496	S BROADWAY	S BROADWAY	yes	26.55	41.76	36.38	15.21	9.83	-5.38	yes	yes	no
103497	W 120TH ST	W 120TH ST	yes	45.20	129.82	110.25	84.62	65.05	-19.57	yes	yes	no
103498	W 120TH ST	W 120TH ST	yes	72.17	172.02	146.97	99.85	74.80	-25.05	yes	yes	no
103499	S WESTERN AVE	S WESTERN AVE	yes	42.39	111.57	48.63	69.18	6.24	-62.94	yes	yes	no
103500	W MANCHESTER AVE	W MANCHESTER AVE	yes	201.97	564.81	1,258.02	362.84	1,056.05	693.21	yes	yes	yes
103501	S WESTERN AVE	S WESTERN AVE	yes	11.87	40.07	23.79	28.20	11.92	-16.28	yes	yes	no
103502	W MANCHESTER AVE	W MANCHESTER AVE	yes	216.81	617.88	1,261.77	401.07	1,044.96	643.89	yes	yes	yes
103506	S BROADWAY	S BROADWAY	yes	25.89	40.08	34.87	14.19	8.97	-5.21	yes	yes	no
103507	W 124TH ST	W 124TH ST	yes	0.66	1.68	1.52	1.02	0.86	-0.17	yes	no	no
103511	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	9.11	14.96	15.77	5.85	6.66	0.81	yes	yes	no
103512	S GRAND AVE	S GRAND AVE	yes	125.21	148.46	140.45	23.25	15.24	-8.02	yes	yes	no
103519	W 54TH ST	W 54TH ST	yes	60.21	96.68	94.65	36.47	34.43	-2.03	yes	yes	no
103520	S VAN NESS AVE	S VAN NESS AVE	yes	57.48	82.68	83.87	25.20	26.39	1.19	yes	yes	yes
103527	ARLINGTON AVE	ARLINGTON AVE	yes	78.53	94.93	103.14	16.40	24.61	8.21	yes	yes	yes
103533	W ADAMS BLVD	W ADAMS BLVD	yes	27.52	30.61	29.77	3.09	2.25	-0.84	yes	yes	no
103534	ARLINGTON AVE	ARLINGTON AVE	yes	77.85	114.64	115.09	36.80	37.24	0.45	yes	yes	no
103536	W VERNON AVE	W VERNON AVE	yes	33.27	85.41	81.97	52.14	48.70	-3.44	yes	yes	no
103537	W VERNON AVE	W VERNON AVE	yes	16.45	31.03	31.25	14.59	14.80	0.21	yes	yes	no
103538	S MAIN ST	S MAIN ST	yes	3.54	7.04	5.71	3.49	2.17	-1.33	yes	yes	no
103539	W ROSECRANS AVE	W ROSECRANS AVE	yes	15.79	70.21	32.33	54.42	16.55	-37.88	yes	yes	no
103540	E ROSECRANS AVE	E ROSECRANS AVE	yes	17.35	73.64	34.30	56.29	16.94	-39.34	yes	yes	no
103541	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,923.93	2,338.74	1,925.42	414.81	1.48	-413.32	yes	yes	no
103542	ARLINGTON AVE	ARLINGTON AVE	yes	236.76	247.09	185.87	10.33	-50.89	-61.22	yes	no	no
103543	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	2,208.13	2,643.55	2,167.01	435.42	-41.12	-476.53	yes	no	no
103548	S MAIN ST	S MAIN ST	yes	82.10	114.00	105.97	31.89	23.87	-8.02	yes	yes	no
103549	W 135TH ST	W 135TH ST	yes	22.25	36.05	41.79	13.80	19.54	5.73	yes	yes	yes
103550	E 135TH ST	E 135TH ST	yes	100.71	142.74	139.47	42.04	38.77	-3.27	yes	yes	no
103554	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	151.97	269.75	253.51	117.77	101.54	-16.23	yes	yes	no
103555	S BROADWAY	S BROADWAY	yes	85.53	197.30	150.65	111.78	65.12	-46.66	yes	yes	no
103556	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	269.87	505.90	447.53	236.03	177.66	-58.37	yes	yes	no
103563	ANGELES VISTA BLVD	ANGELES VISTA BLVD	yes	1,452.60	1,949.09	1,537.92	496.49	85.31	-411.17	yes	yes	no
103564	VALLEY RIDGE AVE	VALLEY RIDGE AVE	yes	4.10	6.21	5.15	2.12	1.05	-1.06	yes	yes	no
103565	ANGELES VISTA BLVD	ANGELES VISTA BLVD	yes	1,602.40	2,150.17	1,721.70	547.77	119.30	-428.47	yes	yes	no
103569	S MAIN ST	S MAIN ST	yes	17.47	20.15	11.47	2.68	-6.00	-8.68	yes	no	no
103570	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	87.27	175.56	163.60	88.29	76.33	-11.97	yes	yes	no
103571	S MAIN ST	S MAIN ST	yes	28.32	33.46	23.78	5.14	-4.54	-9.68	yes	no	no
103573	S MAIN ST	S MAIN ST	yes	5.52	9.58	5.55	4.06	0.03	-4.03	yes	no	no
103574	E 120TH ST	E 120TH ST	yes	22.39	105.93	92.17	83.53	69.78	-13.76	yes	yes	no
103578	S FIGUEROA ST	S FIGUEROA ST	yes	952.11	1,237.30	1,103.46	285.19	151.34	-133.85	yes	yes	no
103579	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	9.29	11.15	12.66	1.86	3.37	1.51	yes	yes	yes
103580	S BROADWAY	S BROADWAY	yes	95.14	217.24	163.53	122.09	68.38	-53.71	yes	yes	no
103581	W 135TH ST	W 135TH ST	yes	31.87	55.99	57.60	24.12	25.73	1.61	yes	yes	yes
103587	AIRPORT BLVD	AIRPORT BLVD	yes	12,613.91	19,219.20	15,030.67	6,605.29	2,416.76	-4,188.52	yes	yes	no
103588	LA TIJERA BLVD	LA TIJERA BLVD	yes	18,844.16	29,447.31	23,854.37	10,603.15	5,010.21	-5,592.94	yes	yes	no
103589	LA TIJERA BLVD	LA TIJERA BLVD	yes	7,868.02	12,277.68	10,324.63	4,409.67	2,456.61	-1,953.05	yes	yes	no
103590	AIRPORT BLVD	AIRPORT BLVD	yes	937.45	1,194.19	946.10	256.74	8.64	-248.09	yes	yes	no
103593	S MAIN ST	S MAIN ST	yes	1.06	3.49	4.33	2.43	3.27	0.84	yes	yes	no
103594	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	112.85	245.30	246.76	132.44	133.91	1.46	yes	yes	yes

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
103600	S MAIN ST	S MAIN ST	yes	2.27	4.74	4.20	2.48	1.94	-0.54	yes	yes	no
103601	E 108TH ST	E 108TH ST	yes	5.81	7.08	9.03	1.28	3.22	1.94	yes	yes	yes
103602	S MAIN ST	S MAIN ST	yes	1.63	30.81	47.50	29.17	45.87	16.69	yes	yes	yes
103603	E CENTURY BLVD	E CENTURY BLVD	yes	698.10	1,166.58	1,199.68	468.48	501.58	33.11	yes	yes	yes
103604	S WESTERN AVE	S WESTERN AVE	yes	815.02	1,018.08	997.92	203.07	182.91	-20.16	yes	yes	no
103605	S WESTERN AVE	S WESTERN AVE	yes	875.26	1,137.22	1,138.18	261.96	262.93	0.96	yes	yes	no
103606	W 54TH ST	W 54TH ST	yes	2.73	14.00	10.77	11.26	8.04	-3.22	yes	yes	no
103607	W 54TH ST	W 54TH ST	yes	62.41	132.02	149.87	69.61	87.47	17.86	yes	yes	yes
103608	S HILL ST	S HILL ST	yes	657.44	1,073.89	937.45	416.45	280.01	-136.44	yes	yes	no
103610	S HILL ST	S HILL ST	yes	662.79	1,080.50	943.78	417.72	280.99	-136.72	yes	yes	no
103614	S MAIN ST	S MAIN ST	yes	32.53	86.46	96.44	53.93	63.92	9.99	yes	yes	yes
103615	E 92ND ST	E 92ND ST	yes	29.78	45.85	43.54	16.07	13.76	-2.31	yes	yes	no
103618	E MANCHESTER AVE	E MANCHESTER AVE	yes	461.00	681.39	609.29	220.38	148.28	-72.10	yes	yes	no
103619	S FLOWER ST	S FLOWER ST	yes	823.04	1,132.67	964.32	309.63	141.28	-168.35	yes	yes	no
103632	S MAIN ST	S MAIN ST	yes	227.23	651.56	597.44	424.33	370.21	-54.12	yes	yes	no
103633	E FLORENCE AVE	E FLORENCE AVE	yes	355.62	613.55	535.41	257.93	179.79	-78.14	yes	yes	no
103646	S HILL ST	S HILL ST	yes	518.60	791.57	653.21	272.97	134.61	-138.36	yes	yes	no
103647	S MAIN ST	S MAIN ST	yes	303.36	849.53	732.46	546.18	429.11	-117.07	yes	yes	no
103648	E GAGE AVE	E GAGE AVE	yes	76.72	98.42	87.72	21.70	11.00	-10.70	yes	yes	no
103652	S BROADWAY	S BROADWAY	yes	90.85	170.27	154.98	79.42	64.13	-15.28	yes	yes	no
103653	W ROSECRANS AVE	W ROSECRANS AVE	yes	11.49	23.24	21.19	11.75	9.69	-2.05	yes	yes	no
103654	S MAIN ST	S MAIN ST	yes	352.01	915.26	802.99	563.24	450.97	-112.27	yes	yes	no
103655	E SLAUSON AVE	E SLAUSON AVE	yes	308.24	405.42	359.50	97.18	51.26	-45.92	yes	yes	no
103656	S MAIN ST	S MAIN ST	yes	399.83	1,023.94	848.74	624.12	448.91	-175.20	yes	yes	no
103657	E 54TH ST	E 54TH ST	yes	28.69	56.31	58.57	27.62	29.88	2.26	yes	yes	yes
103658	S MAIN ST	S MAIN ST	yes	736.01	1,433.39	1,306.50	697.37	570.49	-126.89	yes	yes	no
103659	E 51ST ST	E 51ST ST	yes	122.80	190.17	187.41	67.37	64.61	-2.76	yes	yes	no
103666	SAN PEDRO PL	SAN PEDRO PL	yes	640.92	1,436.89	1,307.71	795.97	666.79	-129.17	yes	yes	no
103670	S MAIN ST	S MAIN ST	yes	8.74	26.03	34.58	17.29	25.84	8.55	yes	yes	yes
103671	E VERNON AVE	E VERNON AVE	yes	750.06	1,223.68	1,043.67	473.62	293.61	-180.01	yes	yes	no
103674	S GRAND AVE	S GRAND AVE	yes	122.33	147.09	138.70	24.77	16.37	-8.40	yes	yes	no
103675	W 23RD ST	W 23RD ST	yes	1.64	2.96	2.98	1.31	1.33	0.02	yes	yes	no
103676	S FIGUEROA ST	S FIGUEROA ST	yes	835.55	1,013.79	891.41	178.24	55.86	-122.38	yes	yes	no
103677	S MAIN ST	S MAIN ST	yes	2.18	3.62	4.85	1.44	2.67	1.23	yes	yes	yes
103678	E MARTIN LUTHER KING JR BLVD	E MARTIN LUTHER KING JR BLVD	yes	338.97	360.71	291.78	21.74	-47.20	-68.93	yes	no	no
103679	S MAIN ST	S MAIN ST	yes	2,226.61	4,327.43	4,240.19	2,100.82	2,013.58	-87.24	yes	yes	no
103681	W ADAMS BLVD	W ADAMS BLVD	yes	41.39	56.88	59.11	15.49	17.72	2.23	yes	yes	yes
103682	W ADAMS BLVD	W ADAMS BLVD	yes	116.12	167.68	155.43	51.55	39.31	-12.25	yes	yes	no
103683	S WESTERN AVE	S WESTERN AVE	yes	72.72	138.20	156.94	65.48	84.23	18.74	yes	yes	yes
103684	S WESTERN AVE	S WESTERN AVE	yes	96.64	189.06	210.47	92.42	113.83	21.41	yes	yes	yes
103689	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	23.63	40.25	40.29	16.62	16.67	0.05	yes	yes	no
103690	S BROADWAY	S BROADWAY	yes	638.44	1,170.47	1,115.67	532.03	477.24	-54.80	yes	yes	no
103695	VENICE BLVD	VENICE BLVD	yes	79.23	145.89	91.46	66.66	12.23	-54.43	yes	yes	no
103696	ROBERTSON BLVD	ROBERTSON BLVD	yes	103.45	179.51	116.66	76.06	13.21	-62.85	yes	yes	no
103697	VENICE BLVD	VENICE BLVD	yes	51.65	69.27	42.40	17.62	-9.25	-26.87	yes	no	no
103698	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	468.50	699.83	488.18	231.33	19.68	-211.65	yes	yes	no
103709	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	1,465.50	2,222.82	1,678.83	757.32	213.32	-544.00	yes	yes	no
103710	S DOUGLAS ST	S DOUGLAS ST	yes	382.17	845.29	594.95	463.12	212.78	-250.34	yes	yes	no
103711	N DOUGLAS ST	N DOUGLAS ST	yes	1,259.18	2,004.73	1,724.54	745.56	465.37	-280.19	yes	yes	no
103715	EXPOSITION BLVD	EXPOSITION BLVD	yes	3.48	8.14	8.82	4.66	5.34	0.68	yes	yes	no
103716	9TH AVE	9TH AVE	yes	4.13	8.18	9.08	4.05	4.95	0.89	yes	yes	no
103718	PLAYA ST	PLAYA ST	yes	999.76	1,551.94	1,262.88	552.18	263.12	-289.06	yes	yes	no
103719	HANNUM AVE	HANNUM AVE	yes	8.69	22.14	15.85	13.45	7.16	-6.29	yes	yes	no
103722	E GRAND AVE	E GRAND AVE	yes	103.79	189.88	198.70	86.09	94.91	8.82	yes	yes	yes
103723	N NASH ST	N NASH ST	yes	136.00	400.88	284.95	264.88	148.95	-115.92	yes	yes	no
103724	DULEY RD	DULEY RD	yes	36.50	41.92	42.87	5.42	6.37	0.95	yes	yes	no
103733	MAPLE AVE	MAPLE AVE	yes	109.43	117.17	112.09	7.74	2.66	-5.08	yes	yes	no
103734	E MARTIN LUTHER KING JR BLVD	E MARTIN LUTHER KING JR BLVD	yes	229.51	243.53	179.68	14.03	-49.83	-63.85	yes	no	no
103738	S FLOWER ST	S FLOWER ST	yes	777.97	1,075.92	918.19	297.95	140.22	-157.73	yes	yes	no
103739	W 23RD ST	W 23RD ST	yes	40.88	50.06	45.16	9.17	4.28	-4.90	yes	yes	no
103741	S HILL ST	S HILL ST	yes	598.91	993.41	861.04	394.50	262.13	-132.37	yes	yes	no
103754	S MAIN ST	S MAIN ST	yes	2,249.92	4,367.10	4,279.96	2,117.18	2,030.03	-87.15	yes	yes	no
103758	W HILLCREST BLVD	W HILLCREST BLVD	yes	1,289.72	2,442.72	3,108.12	1,153.01	1,818.40	665.40	yes	yes	yes
103760	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	1,116.25	2,215.80	2,973.33	1,099.55	1,857.08	757.53	yes	yes	yes
103765	W 135TH ST	W 135TH ST	yes	133.85	214.12	206.53	80.28	72.68	-7.59	yes	yes	no
103766	PRAIRIE AVE	PRAIRIE AVE	yes	135.30	266.83	278.74	131.53	143.44	11.90	yes	yes	yes

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
103767	PRAIRIE AVE	PRAIRIE AVE	yes	319.68	557.03	554.48	237.35	234.80	-2.55	yes	yes	no
103768	ROBERTSON PL	ROBERTSON PL	yes	243.86	400.58	249.20	156.72	5.33	-151.39	yes	yes	no
103772	CONTINENTAL BLVD	CONTINENTAL BLVD	yes	874.84	1,374.03	1,126.06	499.19	251.22	-247.97	yes	yes	no
103773	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	763.61	1,068.05	789.75	304.44	26.14	-278.30	yes	yes	no
103798	S WESTERN AVE	S WESTERN AVE	yes	68.65	97.35	79.20	28.70	10.55	-18.15	yes	yes	no
103799	S WESTERN AVE	S WESTERN AVE	yes	15.93	35.19	99.25	19.26	83.32	64.06	yes	yes	yes
103800	W CENTURY BLVD	W CENTURY BLVD	yes	7,392.39	15,203.34	12,963.74	7,810.95	5,571.36	-2,239.60	yes	yes	no
103801	W CENTURY BLVD	W CENTURY BLVD	yes	7,226.29	14,826.25	12,740.70	7,599.96	5,514.40	-2,085.55	yes	yes	no
103822	S FIGUEROA ST	S FIGUEROA ST	yes	952.11	1,237.30	1,103.41	285.19	151.30	-133.89	yes	yes	no
103870	W HILLCREST BLVD	W HILLCREST BLVD	yes	3,525.06	4,560.22	34.90	1,035.15	-3,490.17	-4,525.32	yes	no	no
103871	AVIATION BLVD	AVIATION BLVD	yes	8,477.85	13,313.57	11,163.30	4,835.72	2,685.45	-2,150.26	yes	yes	no
103872	AVIATION BLVD	AVIATION BLVD	yes	5,106.39	8,840.43	11,555.46	3,734.04	6,449.07	2,715.03	yes	yes	yes
103903	S WESTERN AVE	S WESTERN AVE	yes	459.69	593.76	542.17	134.07	82.49	-51.58	yes	yes	no
103904	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	215.35	418.28	444.23	202.93	228.89	25.96	yes	yes	yes
103905	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	637.46	982.72	953.38	345.25	315.92	-29.34	yes	yes	no
103906	W CENTINELA AVE	W CENTINELA AVE	yes	159.15	205.16	162.21	46.00	3.05	-42.95	yes	yes	no
103907	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	9,143.52	13,767.19	10,204.16	4,623.67	1,060.64	-3,563.03	yes	yes	no
103924	RODEO RD	RODEO RD	yes	460.45	855.02	624.59	394.57	164.14	-230.44	yes	yes	no
103926	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	3,252.47	4,994.30	3,970.53	1,741.83	718.05	-1,023.77	yes	yes	no
103927	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	2,301.96	3,506.94	2,785.26	1,204.98	483.29	-721.68	yes	yes	no
103948	W 92ND ST	W 92ND ST	yes	2.11	14.71	10.39	12.59	8.28	-4.31	yes	yes	no
103949	W 92ND ST	W 92ND ST	yes	2.19	3.21	2.15	1.02	-0.04	-1.05	yes	no	no
103961	ROSECRANS AVE	ROSECRANS AVE	yes	429.64	631.67	618.93	202.02	189.29	-12.73	yes	yes	no
103962	W ROSECRANS AVE	W ROSECRANS AVE	yes	407.61	619.34	597.89	211.73	190.28	-21.45	yes	yes	no
103977	S FLOWER ST	S FLOWER ST	yes	405.70	598.70	568.49	192.99	162.78	-30.21	yes	yes	no
103978	EXPOSITION BLVD	EXPOSITION BLVD	yes	277.18	369.12	207.00	91.94	-70.18	-162.12	yes	no	no
103997	W GAGE AVE	W GAGE AVE	yes	657.52	1,266.17	1,333.35	608.64	675.83	67.18	yes	yes	yes
104019	W VERNON AVE	W VERNON AVE	yes	491.48	494.04	437.11	2.55	-54.38	-56.93	yes	no	no
104039	N PRAIRIE AVE	N PRAIRIE AVE	yes	16.51	28.14	26.18	11.62	9.67	-1.96	yes	yes	no
104051	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,932.15	6,786.76	5,690.95	2,854.61	1,758.80	-1,095.81	yes	yes	no
104053	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,931.50	6,786.52	5,690.70	2,855.03	1,759.20	-1,095.83	yes	yes	no
104060	E FLORENCE AVE	E FLORENCE AVE	yes	5,893.31	11,162.77	9,623.95	5,269.46	3,730.64	-1,538.83	yes	yes	no
104061	N HILLCREST BLVD	N HILLCREST BLVD	yes	22.23	27.67	149.22	5.44	127.00	121.55	yes	yes	yes
104062	E FLORENCE AVE	E FLORENCE AVE	yes	5,860.16	11,116.96	9,708.32	5,256.80	3,848.17	-1,408.63	yes	yes	no
104069	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	553.27	1,036.11	1,020.85	482.84	467.58	-15.26	yes	yes	no
104070	S VAN NESS AVE	S VAN NESS AVE	yes	114.89	155.06	158.16	40.18	43.28	3.10	yes	yes	yes
104071	S VAN NESS AVE	S VAN NESS AVE	yes	1.65	4.61	3.90	2.96	2.26	-0.70	yes	yes	no
104072	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	464.84	871.51	855.41	406.68	390.57	-16.10	yes	yes	no
104118	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,507.50	4,891.13	5,462.62	1,383.64	1,955.12	571.49	yes	yes	yes
104232	W MANCHESTER AVE	W MANCHESTER AVE	yes	1,793.36	2,839.41	1,720.94	1,046.05	-72.42	-1,118.47	yes	no	no
104233	WILEY POST AVE	WILEY POST AVE	yes	1,068.89	2,375.37	1,713.61	1,306.48	644.72	-661.76	yes	yes	no
104234	W MANCHESTER AVE	W MANCHESTER AVE	yes	1,313.61	1,781.76	688.44	468.15	-625.17	-1,093.32	yes	no	no
104259	W FLORENCE AVE	W FLORENCE AVE	yes	1,357.84	3,235.36	3,309.60	1,877.52	1,951.76	74.24	yes	yes	yes
104267	W 142ND ST	W 142ND ST	yes	632.41	1,062.87	1,071.99	430.46	439.58	9.12	yes	yes	yes
104268	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	273.79	524.28	469.71	250.49	195.92	-54.57	yes	yes	no
104269	W ROSECRANS AVE	W ROSECRANS AVE	yes	585.01	986.11	1,001.78	401.11	416.77	15.67	yes	yes	yes
104293	S FLOWER ST	S FLOWER ST	yes	420.98	619.26	681.98	198.28	261.00	62.72	yes	yes	yes
104310	W 48TH ST	W 48TH ST	yes	760.75	916.46	585.38	155.71	-175.37	-331.09	yes	no	no
104311	OLYMPIAD DR	OLYMPIAD DR	yes	534.21	834.14	771.78	299.93	237.57	-62.36	yes	yes	no
104329	S VAN NESS AVE	S VAN NESS AVE	yes	17.59	25.61	26.75	8.02	9.15	1.13	yes	yes	yes
104347	YUKON AVE	YUKON AVE	yes	116.41	173.50	170.56	57.09	54.15	-2.94	yes	yes	no
104348	W 134TH PL	W 134TH PL	yes	164.17	263.66	258.16	99.50	93.99	-5.50	yes	yes	no
104349	YUKON AVE	YUKON AVE	yes	63.80	98.68	95.37	34.87	31.57	-3.30	yes	yes	no
104355	COLISEUM ST	COLISEUM ST	yes	73.77	86.65	80.27	12.88	6.50	-6.38	yes	yes	no
104366	W 51ST ST	W 51ST ST	yes	312.89	347.68	283.93	34.79	-28.96	-63.75	yes	no	no
104385	VENICE BLVD	VENICE BLVD	yes	452.12	675.43	476.35	223.31	24.23	-199.07	yes	yes	no
104402	CONTINENTAL BLVD	CONTINENTAL BLVD	yes	825.80	1,294.81	1,012.49	469.01	186.69	-282.32	yes	yes	no
104433	S FLOWER ST	S FLOWER ST	yes	420.98	619.26	681.98	198.28	261.00	62.72	yes	yes	yes
104457	W GAGE AVE	W GAGE AVE	yes	1,384.33	2,616.99	2,922.40	1,232.66	1,538.07	305.41	yes	yes	yes
104486	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	529.06	894.99	981.85	365.94	452.79	86.86	yes	yes	yes
104487	CRENSHAW BLVD	CRENSHAW BLVD	yes	165.64	402.57	249.66	236.93	84.02	-152.91	yes	yes	no
104493	ARLINGTON AVE	ARLINGTON AVE	yes	334.81	369.02	267.64	34.20	-67.18	-101.38	yes	no	no
104494	ARLINGTON AVE	ARLINGTON AVE	yes	98.03	107.80	115.99	9.77	17.97	8.19	yes	yes	yes
104495	RODEO RD	RODEO RD	yes	54.08	77.74	55.98	23.66	1.90	-21.77	yes	yes	no
104496	RODEO RD	RODEO RD	yes	323.82	382.61	255.04	58.79	-68.79	-127.57	yes	no	no
104504	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	710.48	1,099.34	798.69	388.86	88.22	-300.64	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
104535	W VERNON AVE	W VERNON AVE	yes	411.01	500.12	498.06	89.11	87.05	-2.06	yes	yes	no
104549	W FLORENCE AVE	W FLORENCE AVE	yes	1,977.57	4,420.17	4,708.02	2,442.60	2,730.44	287.84	yes	yes	yes
104557	W SLAUSON AVE	W SLAUSON AVE	yes	957.33	1,017.89	1,079.35	60.56	122.02	61.46	yes	yes	yes
104560	S FIGUEROA ST	S FIGUEROA ST	yes	1,176.14	1,471.41	1,337.22	295.27	161.09	-134.19	yes	yes	no
104561	EXPOSITION BLVD	EXPOSITION BLVD	yes	313.56	490.12	281.85	176.56	-31.70	-208.26	yes	no	no
104568	WEST BLVD	WEST BLVD	yes	540.31	1,259.78	1,452.85	719.48	912.54	193.06	yes	yes	yes
104578	W 37TH ST	W 37TH ST	yes	33.53	41.05	15.25	7.52	-18.28	-25.80	yes	no	no
104579	S FIGUEROA ST	S FIGUEROA ST	yes	612.39	986.16	979.14	373.77	366.75	-7.02	yes	yes	no
104587	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	15.51	87.19	21.06	71.68	5.55	-66.12	yes	yes	no
104588	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	4.55	74.15	3.46	69.59	-1.09	-70.68	yes	no	no
104597	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	83.77	167.77	180.10	84.00	96.32	12.32	yes	yes	yes
104598	N INGLEWOOD AVE	N INGLEWOOD AVE	yes	1.02	5.16	9.71	4.14	8.69	4.56	yes	yes	yes
104599	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	0.16	1.80	47.98	1.64	47.82	46.18	yes	yes	yes
104623	W 120TH ST	W 120TH ST	yes	194.05	345.27	352.73	151.22	158.69	7.46	yes	yes	yes
104644	STATE DR	STATE DR	yes	424.86	845.79	835.76	420.93	410.90	-10.03	yes	yes	no
104684	S FIGUEROA ST	S FIGUEROA ST	yes	538.23	708.03	784.86	169.80	246.63	76.83	yes	yes	yes
104695	S PRAIRIE AVE	S PRAIRIE AVE	yes	146.93	265.40	202.30	118.47	55.37	-63.10	yes	yes	no
104696	PRAIRIE AVE	PRAIRIE AVE	yes	118.00	260.23	188.33	142.23	70.33	-71.90	yes	yes	no
104739	W MANCHESTER AVE	W MANCHESTER AVE	yes	1,262.01	2,134.88	2,410.22	872.87	1,148.20	275.34	yes	yes	yes
104762	S FIGUEROA ST	S FIGUEROA ST	yes	761.89	1,254.45	1,125.69	492.56	363.80	-128.76	yes	yes	no
104763	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	756.19	990.89	941.38	234.70	185.19	-49.51	yes	yes	no
104766	S FIGUEROA ST	S FIGUEROA ST	yes	453.46	566.65	576.06	113.19	122.60	9.41	yes	yes	yes
104767	W 42ND ST	W 42ND ST	yes	336.54	718.51	577.80	381.97	241.26	-140.71	yes	yes	no
104773	W CENTURY BLVD	W CENTURY BLVD	yes	8,158.61	16,483.40	14,009.41	8,324.80	5,850.81	-2,473.99	yes	yes	no
104774	S PRAIRIE AVE	S PRAIRIE AVE	yes	270.78	572.12	477.65	301.34	206.87	-94.47	yes	yes	no
104775	W CENTURY BLVD	W CENTURY BLVD	yes	7,530.41	15,443.48	13,085.09	7,913.07	5,554.68	-2,358.39	yes	yes	no
104776	S PRAIRIE AVE	S PRAIRIE AVE	yes	485.92	687.75	666.03	201.84	180.11	-21.73	yes	yes	no
104782	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	99.49	116.26	97.54	16.77	-1.96	-18.73	yes	no	no
104783	S REDONDO BLVD	S REDONDO BLVD	yes	268.52	471.42	443.67	202.90	175.15	-27.75	yes	yes	no
104784	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	170.44	358.16	345.50	187.72	175.06	-12.66	yes	yes	no
104801	AVIATION BLVD	AVIATION BLVD	yes	6,890.08	9,213.25	13,250.15	2,323.16	6,360.06	4,036.90	yes	yes	yes
104826	S AVIATION BLVD	S AVIATION BLVD	yes	2,824.82	3,853.24	4,142.72	1,028.43	1,317.90	289.48	yes	yes	yes
104828	N AVIATION BLVD	N AVIATION BLVD	yes	4,332.93	6,101.65	8,109.97	1,768.72	3,777.04	2,008.32	yes	yes	yes
104841	W MANCHESTER AVE	W MANCHESTER AVE	yes	8,645.19	11,506.46	6,011.52	2,861.28	-2,633.67	-5,494.94	yes	no	no
104842	AIRPORT BLVD	AIRPORT BLVD	yes	16,747.88	24,545.04	20,284.66	7,797.15	3,536.78	-4,260.38	yes	yes	no
104852	S FIGUEROA ST	S FIGUEROA ST	yes	527.55	699.97	735.30	172.43	207.76	35.33	yes	yes	yes
104853	W VERNON AVE	W VERNON AVE	yes	53.40	57.96	40.78	4.55	-12.63	-17.18	yes	no	no
104862	LA TIJERA BLVD	LA TIJERA BLVD	yes	5,037.50	8,229.33	7,237.20	3,191.83	2,199.70	-992.13	yes	yes	no
104863	LA TIJERA BLVD	LA TIJERA BLVD	yes	8,820.82	14,740.12	12,036.56	5,919.30	3,215.74	-2,703.56	yes	yes	no
104864	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	8,750.24	12,601.58	10,911.52	3,851.34	2,161.28	-1,690.06	yes	yes	no
104880	S FIGUEROA ST	S FIGUEROA ST	yes	687.78	909.76	921.53	221.99	233.76	11.77	yes	yes	yes
104881	S FIGUEROA ST	S FIGUEROA ST	yes	886.59	1,171.58	1,248.73	284.99	362.14	77.14	yes	yes	yes
104882	W 54TH ST	W 54TH ST	yes	26.58	30.67	33.02	4.08	6.44	2.35	yes	yes	yes
104916	S FIGUEROA ST	S FIGUEROA ST	yes	1,038.92	1,686.98	1,748.99	648.06	710.08	62.01	yes	yes	yes
104932	W CENTURY BLVD	W CENTURY BLVD	yes	11,308.04	24,004.04	22,708.62	12,696.00	11,400.58	-1,295.42	yes	yes	no
104933	S LA BREA AVE	S LA BREA AVE	yes	63.87	264.13	146.71	200.26	82.84	-117.42	yes	yes	no
104934	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	3,221.58	7,789.90	8,755.48	4,568.32	5,533.90	965.58	yes	yes	yes
104977	S FIGUEROA ST	S FIGUEROA ST	yes	353.29	720.21	730.53	366.92	377.24	10.32	yes	yes	yes
104978	W GAGE AVE	W GAGE AVE	yes	2,072.10	3,586.41	3,943.18	1,514.31	1,871.08	356.77	yes	yes	yes
105006	CULVER BLVD	CULVER BLVD	yes	959.76	1,480.38	1,092.70	520.62	132.94	-387.68	yes	yes	no
105007	DUQUESNE AVE	DUQUESNE AVE	yes	51.69	129.61	86.08	77.92	34.39	-43.54	yes	yes	no
105029	W 120TH ST	W 120TH ST	yes	464.98	621.21	848.86	156.23	383.88	227.65	yes	yes	yes
105030	W 119TH PL	W 119TH PL	yes	765.68	1,714.31	1,885.85	948.63	1,120.17	171.54	yes	yes	yes
105043	S FIGUEROA ST	S FIGUEROA ST	yes	342.63	398.29	495.68	55.66	153.06	97.39	yes	yes	yes
105044	W FLORENCE AVE	W FLORENCE AVE	yes	1,986.70	4,726.37	4,917.98	2,739.67	2,931.28	191.61	yes	yes	yes
105065	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	72.85	185.63	432.36	112.78	359.52	246.73	yes	yes	yes
105124	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	421.32	477.59	604.21	56.27	182.89	126.62	yes	yes	yes
105125	W 135TH ST	W 135TH ST	yes	61.12	81.86	68.45	20.73	7.33	-13.40	yes	yes	no
105177	W 135TH ST	W 135TH ST	yes	94.62	141.46	127.67	46.84	33.05	-13.78	yes	yes	no
105178	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	587.06	880.62	921.62	293.55	334.55	41.00	yes	yes	yes
105179	W 135TH ST	W 135TH ST	yes	60.17	101.13	116.37	40.95	56.20	15.25	yes	yes	yes
105192	S FIGUEROA ST	S FIGUEROA ST	yes	1,493.20	2,313.14	1,923.36	819.93	430.16	-389.77	yes	yes	no
105193	W MANCHESTER AVE	W MANCHESTER AVE	yes	159.93	440.16	1,185.23	280.24	1,025.30	745.07	yes	yes	yes
105241	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	19,576.14	21,387.31	8,475.71	1,811.17	-11,100.43	-12,911.60	yes	no	no
105253	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	4,847.53	7,623.28	6,981.47	2,775.75	2,133.94	-641.82	yes	yes	no
105254	AVIATION BLVD	AVIATION BLVD	yes	20,508.46	23,710.17	15,246.22	3,201.71	-5,262.24	-8,463.95	yes	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
105256	N AVIATION BLVD	N AVIATION BLVD	yes	5,179.98	7,942.33	10,239.47	2,762.34	5,059.49	2,297.14	yes	yes	yes
105273	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	443.67	827.38	852.40	383.71	408.73	25.02	yes	yes	yes
105274	CRENSHAW BLVD	CRENSHAW BLVD	yes	297.02	357.60	307.36	60.58	10.34	-50.25	yes	yes	no
105275	CRENSHAW BLVD	CRENSHAW BLVD	yes	603.46	677.50	592.17	74.04	-11.29	-85.33	yes	no	no
105276	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	619.49	973.86	957.66	354.37	338.17	-16.20	yes	yes	no
105313	OVERLAND AVE	OVERLAND AVE	yes	940.03	1,470.07	1,183.68	530.04	243.65	-286.39	yes	yes	no
105314	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,718.93	2,651.25	2,085.89	932.32	366.95	-565.37	yes	yes	no
105315	JEFFERSON BLVD	JEFFERSON BLVD	yes	445.58	714.88	561.99	269.29	116.41	-152.88	yes	yes	no
105319	EXPOSITION BLVD	EXPOSITION BLVD	yes	243.86	400.58	249.20	156.72	5.33	-151.39	yes	yes	no
105320	S FIGUEROA ST	S FIGUEROA ST	yes	1,442.79	2,271.01	1,906.95	828.22	464.15	-364.06	yes	yes	no
105354	W SLAUSON AVE	W SLAUSON AVE	yes	4,974.53	8,255.56	7,209.27	3,281.03	2,234.74	-1,046.29	yes	yes	no
105355	S LA BREA AVE	S LA BREA AVE	yes	378.53	533.13	506.73	154.60	128.20	-26.40	yes	yes	no
105356	W SLAUSON AVE	W SLAUSON AVE	yes	1,206.56	1,433.51	1,148.03	226.95	-58.53	-285.48	yes	no	no
105357	S LA BREA AVE	S LA BREA AVE	yes	4,146.49	7,355.15	6,567.96	3,208.66	2,421.46	-787.19	yes	yes	no
105383	S FIGUEROA ST	S FIGUEROA ST	yes	11.70	37.51	103.51	25.81	91.80	65.99	yes	yes	yes
105384	W CENTURY BLVD	W CENTURY BLVD	yes	6,273.15	13,449.80	11,480.88	7,176.64	5,207.72	-1,968.92	yes	yes	no
105418	LA TIJERA BLVD	LA TIJERA BLVD	yes	17,631.82	27,320.21	22,223.10	9,688.39	4,591.28	-5,097.11	yes	yes	no
105419	LA TIJERA BLVD	LA TIJERA BLVD	yes	21,220.76	32,089.87	26,307.88	10,869.11	5,087.12	-5,781.99	yes	yes	no
105429	W ADAMS BLVD	W ADAMS BLVD	yes	17.64	39.48	32.06	21.83	14.42	-7.42	yes	yes	no
105430	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,494.66	6,201.74	5,161.68	2,707.08	1,667.02	-1,040.06	yes	yes	no
105431	W 27TH ST	W 27TH ST	yes	31.86	38.93	37.15	7.07	5.29	-1.78	yes	yes	no
105434	W FAIRVIEW BLVD	W FAIRVIEW BLVD	yes	582.05	1,238.06	1,007.78	656.01	425.73	-230.28	yes	yes	no
105435	LA TIJERA BLVD	LA TIJERA BLVD	yes	4,695.35	7,651.14	6,698.66	2,955.79	2,003.31	-952.48	yes	yes	no
105468	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	8,459.05	11,964.30	10,400.01	3,505.25	1,940.96	-1,564.29	yes	yes	no
105476	W 74TH ST	W 74TH ST	yes	17.57	127.87	62.88	110.31	45.32	-64.99	yes	yes	no
105477	LA TIJERA BLVD	LA TIJERA BLVD	yes	18,861.73	30,852.94	24,682.32	11,991.21	5,820.60	-6,170.62	yes	yes	no
105479	S HOOVER ST	S HOOVER ST	yes	215.83	274.52	238.38	58.69	22.55	-36.13	yes	yes	no
105527	W CENTINELA AVE	W CENTINELA AVE	yes	30.30	54.83	50.62	24.53	20.33	-4.20	yes	yes	no
105528	LA TIJERA BLVD	LA TIJERA BLVD	yes	13,304.05	21,950.68	17,516.63	8,646.63	4,212.58	-4,434.05	yes	yes	no
105536	S FAIRFAX AVE	S FAIRFAX AVE	yes	40.09	165.80	110.87	125.71	70.78	-54.93	yes	yes	no
105537	W SLAUSON AVE	W SLAUSON AVE	yes	321.99	773.40	624.21	451.42	302.22	-149.19	yes	yes	no
105538	S FAIRFAX AVE	S FAIRFAX AVE	yes	4,693.16	7,648.61	6,696.57	2,955.45	2,003.40	-952.04	yes	yes	no
105554	S HOOVER ST	S HOOVER ST	yes	196.36	253.81	219.04	57.45	22.68	-34.77	yes	yes	no
105555	W ADAMS BLVD	W ADAMS BLVD	yes	16.02	18.82	16.40	2.80	0.38	-2.42	yes	no	no
105570	S FIGUEROA ST	S FIGUEROA ST	yes	1.13	47.66	42.96	46.53	41.83	-4.69	yes	yes	no
105571	W 108TH ST	W 108TH ST	yes	23.31	51.62	96.40	28.31	73.08	44.78	yes	yes	yes
105572	ROSECRANS AVE	ROSECRANS AVE	yes	614.16	1,002.26	1,030.28	388.10	416.13	28.02	yes	yes	yes
105573	ROSECRANS AVE	ROSECRANS AVE	yes	528.58	816.12	854.60	287.54	326.01	38.47	yes	yes	yes
105576	S LA BREA AVE	S LA BREA AVE	yes	378.80	533.62	507.10	154.82	128.30	-26.52	yes	yes	no
105608	WASHINGTON BLVD	WASHINGTON BLVD	yes	13.42	19.51	13.69	6.09	0.27	-5.82	yes	no	no
105609	NATIONAL BLVD	NATIONAL BLVD	yes	17.19	22.72	25.44	5.53	8.25	2.72	yes	yes	yes
105610	NATIONAL BLVD	NATIONAL BLVD	yes	16.46	22.06	25.47	5.60	9.01	3.41	yes	yes	yes
105611	WASHINGTON BLVD	WASHINGTON BLVD	yes	17.10	24.38	17.64	7.28	0.54	-6.74	yes	no	no
105622	S HOOVER ST	S HOOVER ST	yes	3.81	5.59	8.56	1.78	4.76	2.97	yes	yes	yes
105623	W 30TH ST	W 30TH ST	yes	258.24	325.79	280.75	67.56	22.52	-45.04	yes	yes	no
105626	S HOOVER ST	S HOOVER ST	yes	1.23	2.25	3.69	1.02	2.46	1.43	yes	yes	yes
105639	ADAMS BLVD	ADAMS BLVD	yes	6.66	8.44	7.44	1.78	0.78	-1.00	yes	no	no
105640	WASHINGTON BLVD	WASHINGTON BLVD	yes	8.57	20.45	14.88	11.88	6.31	-5.57	yes	yes	no
105641	WASHINGTON BLVD	WASHINGTON BLVD	yes	12.94	28.96	22.98	16.01	10.04	-5.98	yes	yes	no
105649	BRISTOL PKY	BRISTOL PKY	yes	145.63	173.76	147.90	28.13	2.27	-25.85	yes	yes	no
105650	GREEN VALLEY CIR	GREEN VALLEY CIR	yes	201.37	270.68	234.04	69.31	32.67	-36.64	yes	yes	no
105651	BUCKINGHAM RD	BUCKINGHAM RD	yes	2.28	6.65	6.12	4.37	3.84	-0.53	yes	yes	no
105652	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	2.28	6.65	6.23	4.37	3.95	-0.42	yes	yes	no
105686	OVERHILL DR	OVERHILL DR	yes	509.76	897.87	736.43	388.12	226.68	-161.44	yes	yes	no
105702	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,572.66	8,471.08	8,074.45	2,898.41	2,501.78	-396.63	yes	yes	no
105703	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	4.55	74.15	3.46	69.59	-1.09	-70.68	yes	no	no
105704	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,985.29	9,069.66	8,739.41	3,084.37	2,754.12	-330.25	yes	yes	no
105705	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	395.22	643.91	641.84	248.68	246.62	-2.07	yes	yes	no
105743	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	240.47	433.44	499.02	192.98	258.55	65.58	yes	yes	yes
105789	W FLORENCE AVE	W FLORENCE AVE	yes	5,587.35	11,008.73	10,997.33	5,421.38	5,409.98	-11.39	yes	yes	no
105790	E FLORENCE AVE	E FLORENCE AVE	yes	6,127.66	12,268.50	12,450.18	6,140.85	6,322.52	181.67	yes	yes	yes
105801	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	562.46	1,484.06	12,046.68	921.60	11,484.22	10,562.61	yes	yes	yes
105804	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	403.92	459.51	555.84	55.59	151.93	96.34	yes	yes	yes
105805	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	381.15	402.94	394.60	21.79	13.46	-8.33	yes	yes	no
105827	RODEO RD	RODEO RD	yes	100.44	117.92	128.06	17.47	27.62	10.15	yes	yes	yes
105828	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	26.94	113.15	31.59	86.21	4.65	-81.56	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
105839	S FIGUEROA ST	S FIGUEROA ST	yes	58.78	172.28	125.34	113.50	66.55	-46.95	yes	yes	no
105840	W 120TH ST	W 120TH ST	yes	110.21	265.17	202.49	154.96	92.28	-62.68	yes	yes	no
105870	WASHINGTON BLVD	WASHINGTON BLVD	yes	15.04	19.30	15.59	4.26	0.55	-3.71	yes	no	no
105877	S FIGUEROA ST	S FIGUEROA ST	yes	74.93	160.51	152.74	85.57	77.81	-7.77	yes	yes	no
105885	S FIGUEROA ST	S FIGUEROA ST	yes	24.55	91.66	84.33	67.12	59.78	-7.34	yes	yes	no
105886	W 135TH ST	W 135TH ST	yes	61.47	96.02	86.12	34.54	24.65	-9.90	yes	yes	no
105922	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	2,835.69	3,961.54	4,695.26	1,125.85	1,859.57	733.72	yes	yes	yes
105923	N NASH ST	N NASH ST	yes	4,423.03	6,532.24	5,897.54	2,109.21	1,474.51	-634.70	yes	yes	no
105938	W 96TH ST	W 96TH ST	yes	1,254.93	1,318.43	1,075.32	63.50	-179.62	-243.12	yes	no	no
105939	AIRPORT BLVD	AIRPORT BLVD	yes	16,962.40	27,304.85	21,960.60	10,342.45	4,998.20	-5,344.25	yes	yes	no
105940	AIRPORT BLVD	AIRPORT BLVD	yes	9,050.35	13,991.94	11,501.90	4,941.58	2,451.55	-2,490.03	yes	yes	no
105978	W 83RD ST	W 83RD ST	yes	52.40	80.40	91.03	28.00	38.63	10.63	yes	yes	yes
105979	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	27,019.74	37,175.18	30,959.46	10,155.44	3,939.72	-6,215.72	yes	yes	no
105984	SAWTELLE BLVD	SAWTELLE BLVD	yes	14.51	25.06	25.16	10.54	10.65	0.11	yes	yes	no
105985	OVERLAND AVE	OVERLAND AVE	yes	967.87	1,507.05	1,216.92	539.18	249.05	-290.13	yes	yes	no
106000	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	26,310.09	36,256.51	30,075.02	9,946.42	3,764.93	-6,181.49	yes	yes	no
106002	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	25,857.07	35,576.05	29,617.57	9,718.98	3,760.50	-5,958.48	yes	yes	no
106007	W SLAUSON AVE	W SLAUSON AVE	yes	1,615.78	2,188.53	1,753.12	572.75	137.34	-435.41	yes	yes	no
106021	S PRAIRIE AVE	S PRAIRIE AVE	yes	599.70	1,061.81	1,007.67	462.11	407.97	-54.14	yes	yes	no
106022	LENNOX BLVD	LENNOX BLVD	yes	485.10	706.16	774.48	221.05	289.38	68.33	yes	yes	yes
106026	FAIRFAX AVE	FAIRFAX AVE	yes	3,990.22	6,385.21	5,902.03	2,394.99	1,911.81	-483.18	yes	yes	no
106027	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	1,539.60	2,028.41	2,120.32	488.80	580.71	91.91	yes	yes	yes
106096	S LA BREA AVE	S LA BREA AVE	yes	21.38	148.27	105.26	126.89	83.87	-43.02	yes	yes	no
106098	S LA BREA AVE	S LA BREA AVE	yes	21.38	148.27	105.26	126.89	83.87	-43.02	yes	yes	no
106111	S VAN NESS AVE	S VAN NESS AVE	yes	65.51	181.14	241.53	115.63	176.03	60.39	yes	yes	yes
106114	S VAN NESS AVE	S VAN NESS AVE	yes	135.83	157.42	153.62	21.59	17.79	-3.80	yes	yes	no
106155	W 135TH ST	W 135TH ST	yes	238.64	366.59	308.65	127.95	70.02	-57.94	yes	yes	no
106156	W 135TH ST	W 135TH ST	yes	238.64	366.59	308.65	127.95	70.02	-57.94	yes	yes	no
106171	E FAIRVIEW BLVD	E FAIRVIEW BLVD	yes	20.83	43.27	38.39	22.43	17.56	-4.87	yes	yes	no
106182	S WESTERN AVE	S WESTERN AVE	yes	71.49	120.07	119.90	48.58	48.40	-0.18	yes	yes	no
106183	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	928.85	1,131.36	905.26	202.51	-23.59	-226.10	yes	no	no
106184	S WESTERN AVE	S WESTERN AVE	yes	76.14	128.10	127.25	51.96	51.11	-0.85	yes	yes	no
106194	W FAIRVIEW BLVD	W FAIRVIEW BLVD	yes	545.66	1,192.41	966.55	646.75	420.89	-225.86	yes	yes	no
106202	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	474.75	538.13	649.49	63.38	174.74	111.36	yes	yes	yes
106236	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	11.82	130.31	91.65	118.49	79.83	-38.66	yes	yes	no
106237	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	69.49	180.67	402.34	111.18	332.85	221.67	yes	yes	yes
106238	S LA BREA AVE	S LA BREA AVE	yes	15.35	135.35	121.73	120.00	106.38	-13.62	yes	yes	no
106249	E FLORENCE AVE	E FLORENCE AVE	yes	5,712.41	10,997.60	8,915.07	5,285.18	3,202.65	-2,082.53	yes	yes	no
106301	LEIMERT BLVD	LEIMERT BLVD	yes	1,370.57	1,485.49	1,127.38	114.92	-243.20	-358.12	yes	no	no
106302	W VERNON AVE	W VERNON AVE	yes	532.13	834.47	772.17	302.34	240.03	-62.30	yes	yes	no
106303	LEIMERT BLVD	LEIMERT BLVD	yes	1,895.74	2,297.87	1,881.14	402.13	-14.60	-416.73	yes	no	no
106304	W VERNON AVE	W VERNON AVE	yes	6.29	21.95	18.27	15.66	11.97	-3.68	yes	yes	no
106353	LA TIJERA BLVD	LA TIJERA BLVD	yes	7,258.04	10,534.15	9,210.05	3,276.12	1,952.01	-1,324.11	yes	yes	no
106386	W 48TH ST	W 48TH ST	yes	41.03	66.08	48.87	25.05	7.83	-17.22	yes	yes	no
106388	W 48TH ST	W 48TH ST	yes	42.90	67.89	50.72	24.99	7.82	-17.17	yes	yes	no
106398	E MARIPOSA AVE	E MARIPOSA AVE	yes	60.08	131.16	122.64	71.08	62.56	-8.52	yes	yes	no
106417	W 48TH ST	W 48TH ST	yes	152.82	272.97	239.14	120.14	86.32	-33.82	yes	yes	no
106418	W 48TH ST	W 48TH ST	yes	60.90	96.30	82.09	35.40	21.18	-14.22	yes	yes	no
106419	S WESTERN AVE	S WESTERN AVE	yes	102.67	136.09	138.47	33.42	35.80	2.38	yes	yes	yes
106454	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	261.42	329.44	284.33	68.02	22.91	-45.11	yes	yes	no
106455	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	4,966.92	6,090.78	6,112.15	1,123.86	1,145.24	21.37	yes	yes	yes
106456	CENTINELA AVE	CENTINELA AVE	yes	2.17	59.66	60.91	57.49	58.74	1.25	yes	yes	yes
106466	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	682.17	917.06	872.12	234.88	189.95	-44.94	yes	yes	no
106471	S HOOVER ST	S HOOVER ST	yes	395.61	797.02	651.35	401.41	255.74	-145.67	yes	yes	no
106472	S HOOVER ST	S HOOVER ST	yes	253.89	486.98	497.92	233.09	244.03	10.94	yes	yes	yes
106473	W VERNON AVE	W VERNON AVE	yes	86.93	119.17	59.89	32.24	-27.04	-59.28	yes	no	no
106489	CRENSHAW BLVD	CRENSHAW BLVD	yes	186.40	387.15	387.38	200.75	200.98	0.23	yes	yes	no
106491	CRENSHAW BLVD	CRENSHAW BLVD	yes	766.52	830.83	770.96	64.31	4.44	-59.87	yes	yes	no
106492	W SLAUSON AVE	W SLAUSON AVE	yes	13.51	24.34	24.82	10.83	11.31	0.48	yes	yes	no
106499	S HOOVER ST	S HOOVER ST	yes	231.60	455.77	456.37	224.17	224.77	0.60	yes	yes	no
106500	W 54TH ST	W 54TH ST	yes	90.91	120.62	131.95	29.71	41.04	11.32	yes	yes	yes
106507	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	7,642.13	11,118.51	9,404.07	3,476.38	1,761.94	-1,714.44	yes	yes	no
106508	S HOOVER ST	S HOOVER ST	yes	201.29	391.06	380.21	189.78	178.93	-10.85	yes	yes	no
106521	STOCKER ST	STOCKER ST	yes	9,558.85	13,064.42	11,683.00	3,505.57	2,124.15	-1,381.42	yes	yes	no
106522	STOCKER ST	STOCKER ST	yes	9,598.91	13,230.02	11,793.86	3,631.11	2,194.95	-1,436.16	yes	yes	no
106532	HAUSER BLVD	HAUSER BLVD	yes	198.83	276.17	288.45	77.34	89.61	12.28	yes	yes	yes

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
106536	8TH AVE	8TH AVE	yes	47.36	72.79	80.33	25.43	32.96	7.54	yes	yes	yes
106537	W SLAUSON AVE	W SLAUSON AVE	yes	47.32	66.04	60.70	18.72	13.38	-5.34	yes	yes	no
106538	W SLAUSON AVE	W SLAUSON AVE	yes	94.68	138.83	141.03	44.15	46.35	2.20	yes	yes	yes
106550	S HOOVER ST	S HOOVER ST	yes	58.68	123.98	136.80	65.30	78.12	12.82	yes	yes	yes
106551	W GAGE AVE	W GAGE AVE	yes	2,225.61	3,876.04	4,206.61	1,650.44	1,981.01	330.57	yes	yes	yes
106552	CRENSHAW BLVD	CRENSHAW BLVD	yes	700.19	1,316.76	1,296.20	616.58	596.01	-20.57	yes	yes	no
106567	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,231.07	3,863.92	5,120.89	1,632.84	2,889.81	1,256.97	yes	yes	yes
106568	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	7,835.15	11,945.43	8,757.71	4,110.28	922.55	-3,187.72	yes	yes	no
106587	CRENSHAW BLVD	CRENSHAW BLVD	yes	169.07	374.04	863.46	204.97	694.39	489.42	yes	yes	yes
106588	W FLORENCE AVE	W FLORENCE AVE	yes	4,974.19	9,841.67	9,854.46	4,867.48	4,880.27	12.79	yes	yes	yes
106595	S HOOVER ST	S HOOVER ST	yes	32.36	42.42	44.49	10.06	12.13	2.07	yes	yes	yes
106596	W FLORENCE AVE	W FLORENCE AVE	yes	2,043.28	4,847.17	5,049.63	2,803.89	3,006.35	202.46	yes	yes	yes
106617	W CENTURY BLVD	W CENTURY BLVD	yes	9,382.40	20,923.79	21,083.67	11,541.39	11,701.26	159.87	yes	yes	yes
106618	S FIR AVE	S FIR AVE	yes	420.84	771.17	490.27	350.33	69.43	-280.90	yes	yes	no
106619	S HOOVER ST	S HOOVER ST	yes	25.39	29.15	26.08	3.76	0.69	-3.07	yes	no	no
106620	W MANCHESTER AVE	W MANCHESTER AVE	yes	198.17	496.09	1,242.75	297.92	1,044.58	746.66	yes	yes	yes
106621	S HOOVER ST	S HOOVER ST	yes	15.21	20.59	19.45	5.37	4.24	-1.14	yes	yes	no
106641	S HOOVER ST	S HOOVER ST	yes	12.16	25.25	24.05	13.09	11.90	-1.20	yes	yes	no
106642	W CENTURY BLVD	W CENTURY BLVD	yes	6,284.88	13,461.55	11,490.39	7,176.67	5,205.51	-1,971.16	yes	yes	no
106650	S HOOVER ST	S HOOVER ST	yes	13.95	30.76	42.59	16.81	28.64	11.83	yes	yes	yes
106651	W 108TH ST	W 108TH ST	yes	24.56	44.50	99.59	19.93	75.02	55.09	yes	yes	yes
106662	S HOOVER ST	S HOOVER ST	yes	5.73	25.10	26.92	19.37	21.19	1.82	yes	yes	yes
106663	W 120TH ST	W 120TH ST	yes	104.41	251.58	189.89	147.18	85.48	-61.70	yes	yes	no
106664	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	639.22	715.49	1,025.84	76.27	386.63	310.36	yes	yes	yes
106682	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,692.53	7,370.37	7,236.76	1,677.84	1,544.23	-133.61	yes	yes	no
106683	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	426.64	598.54	667.09	171.89	240.45	68.55	yes	yes	yes
106684	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	83.19	260.62	301.94	177.43	218.75	41.32	yes	yes	yes
106685	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	1,245.17	2,139.23	3,309.51	894.06	2,064.34	1,170.28	yes	yes	yes
106687	W 39TH ST	W 39TH ST	yes	423.79	844.24	834.91	420.45	411.12	-9.32	yes	yes	no
106696	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	312.51	522.05	520.90	209.54	208.39	-1.16	yes	yes	no
106699	RODEO PL	RODEO PL	yes	405.02	780.22	557.14	375.20	152.12	-223.08	yes	yes	no
106723	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	4,663.65	6,222.59	6,252.08	1,558.94	1,588.42	29.49	yes	yes	yes
106726	W 135TH ST	W 135TH ST	yes	56.17	92.89	83.70	36.72	27.53	-9.19	yes	yes	no
106744	NATIONAL BLVD	NATIONAL BLVD	yes	21.57	24.44	27.34	2.87	5.77	2.90	yes	yes	yes
106745	VENICE BLVD	VENICE BLVD	yes	74.84	144.17	90.88	69.32	16.04	-53.29	yes	yes	no
106774	W ROSECRANS AVE	W ROSECRANS AVE	yes	8.35	37.86	35.21	29.52	26.86	-2.66	yes	yes	no
106786	ARLINGTON AVE	ARLINGTON AVE	yes	97.76	103.03	114.15	5.27	16.39	11.12	yes	yes	yes
106787	ARLINGTON AVE	ARLINGTON AVE	yes	161.45	225.20	233.65	63.75	72.20	8.45	yes	yes	yes
106788	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	373.85	501.66	451.80	127.81	77.95	-49.86	yes	yes	no
106789	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	231.48	265.86	231.04	34.38	-0.44	-34.82	yes	no	no
106793	W 120TH ST	W 120TH ST	yes	393.33	595.59	554.03	202.26	160.71	-41.56	yes	yes	no
106794	CRENSHAW BLVD	CRENSHAW BLVD	yes	574.53	672.33	578.19	97.80	3.66	-94.14	yes	yes	no
106797	FAIRFAX AVE	FAIRFAX AVE	yes	3,984.57	6,379.42	5,897.40	2,394.85	1,912.83	-482.02	yes	yes	no
106798	W ADAMS BLVD	W ADAMS BLVD	yes	3.74	5.87	5.49	2.12	1.75	-0.37	yes	yes	no
106814	E HILLCREST BLVD	E HILLCREST BLVD	yes	737.26	1,905.07	4,297.61	1,167.81	3,560.35	2,392.54	yes	yes	yes
106815	E HILLCREST BLVD	E HILLCREST BLVD	yes	746.82	1,923.03	4,311.13	1,176.21	3,564.31	2,388.10	yes	yes	yes
106825	UTAH AVE	UTAH AVE	yes	45.95	112.35	84.02	66.40	38.07	-28.33	yes	yes	no
106826	AVIATION BLVD	AVIATION BLVD	yes	2,627.28	3,559.08	3,888.16	931.79	1,260.88	329.09	yes	yes	yes
106837	VENICE BLVD	VENICE BLVD	yes	52.02	69.63	43.02	17.62	-9.00	-26.62	yes	no	no
106842	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	649.68	1,119.82	1,132.44	470.14	482.76	12.62	yes	yes	yes
106846	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	449.21	764.31	851.03	315.09	401.82	86.72	yes	yes	yes
106847	S YUKON AVE	S YUKON AVE	yes	125.16	191.33	197.02	66.17	71.86	5.69	yes	yes	yes
106863	W 108TH ST	W 108TH ST	yes	38.76	113.04	176.00	74.28	137.24	62.96	yes	yes	yes
106864	W 108TH ST	W 108TH ST	yes	138.65	258.54	314.86	119.90	176.21	56.32	yes	yes	yes
106865	S VAN NESS AVE	S VAN NESS AVE	yes	148.29	203.49	206.53	55.20	58.24	3.04	yes	yes	yes
106875	W 111TH ST	W 111TH ST	yes	218.02	288.93	10,887.52	70.91	10,669.51	10,598.60	yes	yes	yes
106876	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	12,362.22	18,577.48	17,885.55	6,215.26	5,523.33	-691.94	yes	yes	no
106883	W CENTURY BLVD	W CENTURY BLVD	yes	7,434.13	15,228.32	12,902.90	7,794.19	5,468.77	-2,325.42	yes	yes	no
106884	S YUKON AVE	S YUKON AVE	yes	81.96	189.22	164.07	107.25	82.10	-25.15	yes	yes	no
106921	W 108TH ST	W 108TH ST	yes	36.82	111.99	175.26	75.17	138.44	63.26	yes	yes	yes
106923	W 54TH ST	W 54TH ST	yes	9.10	31.20	23.92	22.10	14.81	-7.28	yes	yes	no
106924	ALVISO AVE	ALVISO AVE	yes	5.74	21.17	17.69	15.43	11.95	-3.48	yes	yes	no
106932	W SLAUSON AVE	W SLAUSON AVE	yes	1.47	2.93	1.96	1.47	0.49	-0.98	yes	no	no
106943	W REGENT ST	W REGENT ST	yes	2,824.74	5,308.70	4,157.95	2,483.96	1,333.21	-1,150.75	yes	yes	no
106944	W REGENT ST	W REGENT ST	yes	2,801.41	5,242.68	4,080.19	2,441.27	1,278.78	-1,162.49	yes	yes	no
106945	N INGLEWOOD AVE	N INGLEWOOD AVE	yes	24.24	71.09	87.38	46.85	63.13	16.28	yes	yes	yes

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
106973	W FLORENCE AVE	W FLORENCE AVE	yes	14,175.11	20,794.64	13,712.42	6,619.53	-462.69	-7,082.22	yes	no	no
106975	W FLORENCE AVE	W FLORENCE AVE	yes	5,801.24	11,478.67	9,419.22	5,677.43	3,617.98	-2,059.45	yes	yes	no
106976	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	1,573.51	2,694.64	8,203.25	1,121.12	6,629.73	5,508.61	yes	yes	yes
106980	S GRAMERCY PL	S GRAMERCY PL	yes	31.32	45.12	42.88	13.80	11.56	-2.24	yes	yes	no
106988	W 39TH ST	W 39TH ST	yes	9.43	19.28	20.52	9.85	11.09	1.24	yes	yes	yes
106989	W 39TH ST	W 39TH ST	yes	90.33	113.54	69.82	23.21	-20.51	-43.71	yes	no	no
107002	LA TIJERA BLVD	LA TIJERA BLVD	yes	5,834.92	8,296.05	7,108.16	2,461.13	1,273.24	-1,187.89	yes	yes	no
107009	W CENTURY BLVD	W CENTURY BLVD	yes	57,519.61	85,345.62	63,851.14	27,826.01	6,331.52	-21,494.48	yes	yes	no
107010	W CENTURY BLVD	W CENTURY BLVD	yes	65,415.94	93,561.45	66,901.81	28,145.51	1,485.87	-26,659.64	yes	yes	no
107012	LA TIJERA BLVD	LA TIJERA BLVD	yes	14,618.14	23,163.05	18,542.56	8,544.92	3,924.42	-4,620.50	yes	yes	no
107030	W MANCHESTER AVE	W MANCHESTER AVE	yes	11,419.09	14,881.62	8,691.42	3,462.53	-2,727.66	-6,190.19	yes	no	no
107031	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	1,133.92	2,157.92	249.64	1,024.00	-884.28	-1,908.28	yes	no	no
107032	E MARIPOSA AVE	E MARIPOSA AVE	yes	399.73	569.51	505.81	169.78	106.09	-63.70	yes	yes	no
107033	N DOUGLAS ST	N DOUGLAS ST	yes	1,066.15	1,714.69	1,583.50	648.54	517.34	-131.19	yes	yes	no
107037	CULVER BLVD	CULVER BLVD	yes	741.66	1,134.68	847.13	393.01	105.47	-287.54	yes	yes	no
107038	WASHINGTON BLVD	WASHINGTON BLVD	yes	167.53	275.29	184.91	107.76	17.38	-90.39	yes	yes	no
107039	CULVER BLVD	CULVER BLVD	yes	960.93	1,481.38	1,093.15	520.45	132.23	-388.22	yes	yes	no
107044	8TH AVE	8TH AVE	yes	64.01	95.19	99.70	31.19	35.69	4.51	yes	yes	yes
107045	W 54TH ST	W 54TH ST	yes	25.51	53.73	54.46	28.23	28.95	0.73	yes	yes	no
107046	W 54TH ST	W 54TH ST	yes	8.72	31.20	34.97	22.47	26.24	3.77	yes	yes	yes
107047	PRAIRIE AVE	PRAIRIE AVE	yes	315.30	540.54	543.79	225.23	228.49	3.26	yes	yes	yes
107051	COLISEUM ST	COLISEUM ST	yes	134.06	184.95	157.21	50.89	23.16	-27.74	yes	yes	no
107053	COLISEUM ST	COLISEUM ST	yes	40.20	49.20	47.51	9.00	7.30	-1.70	yes	yes	no
107066	W HILLCREST BLVD	W HILLCREST BLVD	yes	1,094.92	2,182.13	2,908.25	1,087.21	1,813.33	726.12	yes	yes	yes
107073	AVIATION BLVD	AVIATION BLVD	yes	17,866.11	20,426.12	22,252.29	2,560.01	4,386.18	1,826.17	yes	yes	yes
107079	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	256.45	586.94	888.47	330.50	632.03	301.53	yes	yes	yes
107080	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	424.99	948.44	1,741.22	523.46	1,316.23	792.77	yes	yes	yes
107086	W CENTINELA AVE	W CENTINELA AVE	yes	13.65	31.43	14.31	17.78	0.66	-17.11	yes	no	no
107087	GREEN VALLEY CIR	GREEN VALLEY CIR	yes	16.65	23.40	38.24	6.75	21.60	14.84	yes	yes	yes
107090	S WESTERN AVE	S WESTERN AVE	yes	1,016.76	1,265.55	1,084.93	248.79	68.17	-180.62	yes	yes	no
107094	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	833.52	1,668.60	1,494.66	835.08	661.14	-173.94	yes	yes	no
107095	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	264.75	508.79	455.46	244.05	190.71	-53.34	yes	yes	no
107096	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	564.17	917.92	1,012.84	353.75	448.67	94.92	yes	yes	yes
107102	RODEO RD	RODEO RD	yes	0.08	5.92	4.07	5.84	3.99	-1.85	yes	yes	no
107103	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,932.08	6,780.86	5,686.90	2,848.78	1,754.82	-1,093.96	yes	yes	no
107108	E ARBOR VITAE ST	E ARBOR VITAE ST	yes	334.47	525.51	1,375.75	191.04	1,041.28	850.24	yes	yes	yes
107109	S PRAIRIE AVE	S PRAIRIE AVE	yes	343.18	533.39	1,422.01	190.21	1,078.83	888.62	yes	yes	yes
107110	S LA BREA AVE	S LA BREA AVE	yes	8,651.67	12,337.26	11,410.07	3,685.59	2,758.40	-927.19	yes	yes	no
107134	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	204.78	311.88	303.87	107.10	99.09	-8.01	yes	yes	no
107135	LEIMERT BLVD	LEIMERT BLVD	yes	2,085.91	2,444.16	1,969.61	358.25	-116.30	-474.55	yes	no	no
107139	S LA BREA AVE	S LA BREA AVE	yes	22.59	161.65	154.14	139.06	131.56	-7.51	yes	yes	no
107141	SANTA ROSALIA DR	SANTA ROSALIA DR	yes	183.18	505.80	406.48	322.62	223.30	-99.32	yes	yes	no
107142	PALMWOOD DR	PALMWOOD DR	yes	0.75	2.14	1.31	1.39	0.56	-0.83	yes	no	no
107144	E ARBOR VITAE ST	E ARBOR VITAE ST	yes	1,672.44	2,890.99	4,412.51	1,218.55	2,740.07	1,521.52	yes	yes	yes
107154	S VAN NESS AVE	S VAN NESS AVE	yes	16.67	24.58	26.24	7.91	9.57	1.66	yes	yes	yes
107155	W GAGE AVE	W GAGE AVE	yes	88.28	206.89	215.38	118.61	127.10	8.49	yes	yes	yes
107159	RODEO RD	RODEO RD	yes	0.27	4.77	1.85	4.50	1.58	-2.93	yes	yes	no
107173	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	53.35	125.05	115.36	71.70	62.01	-9.69	yes	yes	no
107179	CRENSHAW BLVD	CRENSHAW BLVD	yes	78.22	102.12	598.74	23.91	520.52	496.62	yes	yes	yes
107180	CRENSHAW BLVD	CRENSHAW BLVD	yes	0.53	12.54	10.72	12.01	10.19	-1.83	yes	yes	no
107214	S VERMONT AVE	S VERMONT AVE	yes	127.20	175.02	176.65	47.83	49.45	1.63	yes	yes	yes
107217	VAN NESS AVE	VAN NESS AVE	yes	36.56	50.68	41.17	14.12	4.61	-9.51	yes	yes	no
107219	ROSECRANS AVE	ROSECRANS AVE	yes	619.91	873.10	866.09	253.19	246.18	-7.01	yes	yes	no
107222	W ADAMS BLVD	W ADAMS BLVD	yes	72.67	101.92	101.91	29.25	29.24	-0.01	yes	yes	no
107232	S VERMONT AVE	S VERMONT AVE	yes	114.86	161.29	155.32	46.43	40.46	-5.97	yes	yes	no
107233	W ADAMS BLVD	W ADAMS BLVD	yes	97.71	153.67	139.04	55.96	41.33	-14.63	yes	yes	no
107238	W 120TH ST	W 120TH ST	yes	300.61	515.60	711.72	214.99	411.11	196.12	yes	yes	yes
107239	W 120TH ST	W 120TH ST	yes	456.08	808.17	877.64	352.08	421.55	69.47	yes	yes	yes
107240	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	1,008.39	1,985.03	1,736.21	976.64	727.82	-248.82	yes	yes	no
107246	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,111.07	3,697.96	4,958.34	1,586.90	2,847.28	1,260.38	yes	yes	yes
107247	LENNOX BLVD	LENNOX BLVD	yes	677.81	1,075.32	2,005.21	397.52	1,327.41	929.89	yes	yes	yes
107248	LENNOX BLVD	LENNOX BLVD	yes	810.69	1,263.13	2,186.92	452.45	1,376.23	923.79	yes	yes	yes
107249	S VERMONT AVE	S VERMONT AVE	yes	281.99	381.29	342.70	99.29	60.70	-38.59	yes	yes	no
107250	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	89.69	104.86	91.93	15.17	2.25	-12.92	yes	yes	no
107261	S VERMONT AVE	S VERMONT AVE	yes	223.32	304.64	264.89	81.32	41.56	-39.75	yes	yes	no
107262	W 37TH DR	W 37TH DR	yes	418.45	628.40	386.22	209.95	-32.23	-242.18	yes	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
107267	S VERMONT AVE	S VERMONT AVE	yes	122.36	211.12	246.97	88.76	124.61	35.85	yes	yes	yes
107270	CENTINELA AVE	CENTINELA AVE	yes	1.40	9.24	6.40	7.84	5.00	-2.84	yes	yes	no
107272	CENTINELA AVE	CENTINELA AVE	yes	3.13	4.17	4.52	1.05	1.39	0.34	yes	yes	no
107274	W 135TH ST	W 135TH ST	yes	60.96	112.61	113.39	51.65	52.43	0.78	yes	yes	no
107275	W 135TH ST	W 135TH ST	yes	13.76	39.88	39.65	26.12	25.88	-0.23	yes	yes	no
107281	S VERMONT AVE	S VERMONT AVE	yes	545.91	1,054.65	1,081.16	508.73	535.24	26.51	yes	yes	yes
107295	S VERMONT AVE	S VERMONT AVE	yes	521.19	1,017.95	1,049.25	496.76	528.05	31.29	yes	yes	yes
107296	W 39TH ST	W 39TH ST	yes	25.89	37.38	32.56	11.49	6.68	-4.81	yes	yes	no
107298	S VERMONT AVE	S VERMONT AVE	yes	143.97	198.42	188.57	54.45	44.60	-9.85	yes	yes	no
107299	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,848.30	2,835.43	2,758.28	987.13	909.98	-77.15	yes	yes	no
107300	S VAN NESS AVE	S VAN NESS AVE	yes	44.75	49.29	27.03	4.54	-17.73	-22.26	yes	yes	no
107301	S VERMONT AVE	S VERMONT AVE	yes	254.34	357.07	305.03	102.72	50.69	-52.03	yes	yes	no
107302	W VERNON AVE	W VERNON AVE	yes	86.50	95.66	68.54	9.16	-17.96	-27.12	yes	no	no
107331	S VERMONT AVE	S VERMONT AVE	yes	176.79	297.03	274.15	120.24	97.36	-22.88	yes	yes	no
107332	W 54TH ST	W 54TH ST	yes	61.54	183.75	160.35	122.21	98.81	-23.41	yes	yes	no
107340	S VERMONT AVE	S VERMONT AVE	yes	263.98	434.80	420.57	170.82	156.59	-14.23	yes	yes	no
107347	S VERMONT AVE	S VERMONT AVE	yes	422.59	719.14	796.57	296.55	373.98	77.43	yes	yes	yes
107348	W GAGE AVE	W GAGE AVE	yes	2,317.53	3,791.93	3,995.27	1,474.40	1,677.73	203.33	yes	yes	yes
107406	S PRAIRIE AVE	S PRAIRIE AVE	yes	115.77	213.67	120.13	97.89	4.35	-93.54	yes	yes	no
107409	S VERMONT AVE	S VERMONT AVE	yes	148.58	223.80	203.45	75.22	54.87	-20.36	yes	yes	no
107410	W FLORENCE AVE	W FLORENCE AVE	yes	2,324.66	5,347.40	5,638.27	3,022.74	3,313.61	290.87	yes	yes	yes
107430	W 135TH ST	W 135TH ST	yes	70.75	122.86	125.18	52.12	54.43	2.32	yes	yes	yes
107431	VAN NESS AVE	VAN NESS AVE	yes	26.78	40.43	28.75	13.65	1.98	-11.67	yes	yes	no
107440	S VERMONT AVE	S VERMONT AVE	yes	78.57	112.21	97.54	33.64	18.96	-14.68	yes	yes	no
107442	S WESTERN AVE	S WESTERN AVE	yes	13.06	28.05	23.75	14.99	10.69	-4.30	yes	yes	no
107443	W 108TH ST	W 108TH ST	yes	30.94	100.79	171.92	69.85	140.98	71.13	yes	yes	yes
107456	S VERMONT AVE	S VERMONT AVE	yes	161.05	232.26	209.16	71.21	48.12	-23.10	yes	yes	no
107457	W MANCHESTER AVE	W MANCHESTER AVE	yes	188.38	491.06	1,238.27	302.68	1,049.89	747.22	yes	yes	yes
107471	S VERMONT AVE	S VERMONT AVE	yes	80.86	118.11	89.50	37.25	8.64	-28.60	yes	yes	no
107472	EXPOSITION BLVD	EXPOSITION BLVD	yes	46.38	139.34	63.22	92.95	16.84	-76.11	yes	yes	no
107473	S WESTERN AVE	S WESTERN AVE	yes	167.92	311.81	326.15	143.89	158.23	14.34	yes	yes	yes
107474	S WESTERN AVE	S WESTERN AVE	yes	556.54	833.72	795.99	277.19	239.45	-37.73	yes	yes	no
107495	W SLAUSON AVE	W SLAUSON AVE	yes	11.38	29.81	26.37	18.43	14.99	-3.45	yes	yes	no
107505	S VERMONT AVE	S VERMONT AVE	yes	302.01	706.80	656.48	404.80	354.48	-50.32	yes	yes	no
107506	W CENTURY BLVD	W CENTURY BLVD	yes	6,525.05	14,112.37	12,089.51	7,587.32	5,564.45	-2,022.86	yes	yes	no
107508	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	247.33	473.92	503.30	226.59	255.97	29.38	yes	yes	yes
107527	S VERMONT AVE	S VERMONT AVE	yes	85.92	134.29	100.14	48.38	14.22	-34.16	yes	yes	no
107528	W 108TH ST	W 108TH ST	yes	16.18	33.11	39.04	16.93	22.86	5.94	yes	yes	yes
107531	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	266.41	470.14	532.10	203.73	265.69	61.96	yes	yes	yes
107546	S VERMONT AVE	S VERMONT AVE	yes	89.82	128.68	116.13	38.86	26.31	-12.55	yes	yes	no
107547	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	342.14	601.67	627.14	259.53	285.00	25.47	yes	yes	yes
107551	S VERMONT AVE	S VERMONT AVE	yes	154.60	198.59	133.44	43.99	-21.16	-65.15	yes	no	no
107598	S REDONDO BLVD	S REDONDO BLVD	yes	307.66	496.06	469.70	188.40	162.04	-26.36	yes	yes	no
107602	E HILLCREST BLVD	E HILLCREST BLVD	yes	561.97	1,766.02	3,850.42	1,204.06	3,288.45	2,084.40	yes	yes	yes
107603	VENICE BLVD	VENICE BLVD	yes	50.87	67.58	41.29	16.71	-9.58	-26.29	yes	no	no
107604	CATTARAUGUS AVE	CATTARAUGUS AVE	yes	11.34	15.22	16.53	3.88	5.19	1.31	yes	yes	yes
107606	S VERMONT AVE	S VERMONT AVE	yes	192.74	228.55	137.90	35.80	-54.84	-90.65	yes	no	no
107607	W 120TH ST	W 120TH ST	yes	105.22	286.74	249.08	181.52	143.86	-37.66	yes	yes	no
107621	S VERMONT AVE	S VERMONT AVE	yes	88.15	135.28	109.99	47.12	21.84	-25.28	yes	yes	no
107622	W CENTURY BLVD	W CENTURY BLVD	yes	7,064.78	14,671.11	12,539.75	7,606.33	5,474.97	-2,131.36	yes	yes	no
107640	S VERMONT AVE	S VERMONT AVE	yes	191.24	260.88	200.42	69.64	9.19	-60.46	yes	yes	no
107641	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	229.74	415.68	435.50	185.95	205.76	19.81	yes	yes	yes
107646	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	60.77	119.98	160.12	59.21	99.35	40.14	yes	yes	yes
107647	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	46.55	71.24	31.28	24.69	-15.27	-39.96	yes	no	no
107671	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	240.13	557.97	483.94	317.84	243.81	-74.03	yes	yes	no
107672	S LA BREA AVE	S LA BREA AVE	yes	8,853.95	12,829.21	11,697.61	3,975.27	2,843.66	-1,131.61	yes	yes	no
107685	BUCKINGHAM RD	BUCKINGHAM RD	yes	12.41	35.67	34.38	23.26	21.97	-1.30	yes	yes	no
107693	BUCKINGHAM RD	BUCKINGHAM RD	yes	12.40	35.48	34.21	23.08	21.80	-1.27	yes	yes	no
107699	WESTSIDE AVE	WESTSIDE AVE	yes	61.57	67.71	33.68	6.13	-27.89	-34.03	yes	no	no
107709	W FLORENCE AVE	W FLORENCE AVE	yes	2,976.50	6,169.97	5,261.27	3,193.47	2,284.77	-908.70	yes	yes	no
107714	S VERMONT AVE	S VERMONT AVE	yes	81.74	135.76	123.99	54.02	42.25	-11.77	yes	yes	no
107718	CRENSHAW BLVD	CRENSHAW BLVD	yes	14.89	31.92	24.05	17.04	9.16	-7.87	yes	yes	no
107719	W 90TH ST	W 90TH ST	yes	84.58	98.53	592.31	13.95	507.73	493.78	yes	yes	yes
107756	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	412.11	464.49	579.33	52.38	167.21	114.84	yes	yes	yes
107760	7TH AVE	7TH AVE	yes	91.19	120.69	113.89	29.51	22.71	-6.80	yes	yes	no
107787	S VERMONT AVE	S VERMONT AVE	yes	71.17	144.09	115.49	72.92	44.32	-28.60	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
107788	W 120TH ST	W 120TH ST	yes	123.59	262.23	282.14	138.64	158.55	19.90	yes	yes	yes
107789	S VERMONT AVE	S VERMONT AVE	yes	108.27	154.29	121.54	46.03	13.27	-32.76	yes	yes	no
107790	W 135TH ST	W 135TH ST	yes	25.30	50.20	41.21	24.90	15.92	-8.98	yes	yes	no
107791	S LA BREA AVE	S LA BREA AVE	yes	8,487.68	12,118.74	11,202.14	3,631.06	2,714.45	-916.60	yes	yes	no
107792	COLISEUM ST	COLISEUM ST	yes	129.04	162.61	152.31	33.57	23.26	-10.31	yes	yes	no
107794	S VERMONT AVE	S VERMONT AVE	yes	94.00	166.06	94.11	72.06	0.11	-71.95	yes	no	no
107795	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	368.08	732.62	707.50	364.54	339.43	-25.11	yes	yes	no
107796	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1.87	7.98	7.31	6.11	5.44	-0.67	yes	yes	no
107798	S VERMONT AVE	S VERMONT AVE	yes	19.90	87.43	29.09	67.52	9.19	-58.33	yes	yes	no
107800	W 48TH ST	W 48TH ST	yes	52.30	97.34	65.43	45.04	13.13	-31.92	yes	yes	no
107801	8TH AVE	8TH AVE	yes	26.05	59.46	54.19	33.41	28.14	-5.27	yes	yes	no
107803	8TH AVE	8TH AVE	yes	47.08	57.53	52.96	10.45	5.89	-4.57	yes	yes	no
107889	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	1,517.48	1,989.14	2,033.47	471.67	516.00	44.33	yes	yes	yes
107896	W ROSECRANS AVE	W ROSECRANS AVE	yes	778.82	3,536.83	2,260.07	2,758.01	1,481.24	-1,276.76	yes	yes	no
107909	W SLAUSON AVE	W SLAUSON AVE	yes	1,833.73	2,486.29	2,515.25	652.56	681.52	28.96	yes	yes	yes
107910	S WESTERN AVE	S WESTERN AVE	yes	1,476.53	2,616.34	2,626.39	1,139.81	1,149.86	10.05	yes	yes	yes
107913	NATIONAL BLVD	NATIONAL BLVD	yes	11.05	13.26	16.16	2.20	5.10	2.90	yes	yes	yes
107926	S VERMONT AVE	S VERMONT AVE	yes	77.39	111.60	86.99	34.21	9.60	-24.61	yes	yes	no
107927	ROSECRANS AVE	ROSECRANS AVE	yes	12.88	82.79	95.83	69.91	82.96	13.05	yes	yes	yes
107942	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	195.98	350.72	390.07	154.75	194.09	39.35	yes	yes	yes
107959	CRENSHAW BLVD	CRENSHAW BLVD	yes	4,439.57	7,240.34	6,130.63	2,800.77	1,691.06	-1,109.71	yes	yes	no
107960	STOCKER ST	STOCKER ST	yes	4,739.17	7,523.25	6,340.56	2,784.07	1,601.38	-1,182.69	yes	yes	no
107961	CRENSHAW BLVD	CRENSHAW BLVD	yes	53.18	94.07	89.21	40.89	36.03	-4.86	yes	yes	no
107977	W 130TH ST	W 130TH ST	yes	35.61	76.79	67.89	41.19	32.28	-8.91	yes	yes	no
107980	OSAGE AVE	OSAGE AVE	yes	2,398.97	2,663.01	2,717.90	264.05	318.94	54.89	yes	yes	yes
107988	S VERMONT AVE	S VERMONT AVE	yes	81.92	156.53	138.47	74.61	56.55	-18.05	yes	yes	no
108021	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	827.93	964.42	1,233.64	136.49	405.71	269.22	yes	yes	yes
108022	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	2,204.71	3,376.84	2,688.15	1,172.13	483.43	-688.70	yes	yes	no
108033	S VERMONT AVE	S VERMONT AVE	yes	17.12	71.61	69.81	54.49	52.69	-1.80	yes	yes	no
108034	W 135TH ST	W 135TH ST	yes	6.81	45.02	43.13	38.21	36.33	-1.88	yes	yes	no
108058	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	432.60	576.99	521.82	144.39	89.21	-55.18	yes	yes	no
108087	S VERMONT AVE	S VERMONT AVE	yes	18.87	78.31	71.66	59.45	52.80	-6.65	yes	yes	no
108088	ROSECRANS AVE	ROSECRANS AVE	yes	10.92	84.77	93.40	73.85	82.47	8.62	yes	yes	yes
108112	CRENSHAW BLVD	CRENSHAW BLVD	yes	750.09	808.28	740.36	58.19	-9.73	-67.92	yes	no	no
108113	CRENSHAW BLVD	CRENSHAW BLVD	yes	1,423.00	1,578.53	1,215.85	155.52	-207.16	-362.68	yes	no	no
108132	CULVER BLVD	CULVER BLVD	yes	292.41	465.55	374.52	173.13	82.11	-91.03	yes	yes	no
108218	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	381.27	545.79	466.79	164.53	85.53	-79.00	yes	yes	no
108226	W FLORENCE AVE	W FLORENCE AVE	yes	4,427.32	8,857.67	9,200.62	4,430.35	4,773.30	342.95	yes	yes	yes
108227	W FLORENCE AVE	W FLORENCE AVE	yes	2,999.27	6,421.31	6,799.07	3,422.04	3,799.80	377.76	yes	yes	yes
108228	S WESTERN AVE	S WESTERN AVE	yes	14.52	59.76	38.36	45.24	23.84	-21.40	yes	yes	no
108229	CRENSHAW BLVD	CRENSHAW BLVD	yes	88.66	127.82	139.64	39.15	50.98	11.82	yes	yes	yes
108230	CRENSHAW BLVD	CRENSHAW BLVD	yes	172.10	225.71	357.45	53.61	185.35	131.74	yes	yes	yes
108267	S LA BREA AVE	S LA BREA AVE	yes	2,816.59	5,377.94	4,201.87	2,561.35	1,385.27	-1,176.08	yes	yes	no
108286	HAUSER BLVD	HAUSER BLVD	yes	223.57	285.21	295.74	61.64	72.17	10.53	yes	yes	yes
108337	W CENTURY BLVD	W CENTURY BLVD	yes	7,408.79	15,171.07	12,916.92	7,762.27	5,508.13	-2,254.15	yes	yes	no
108338	S VAN NESS AVE	S VAN NESS AVE	yes	92.14	117.60	108.70	25.46	16.56	-8.90	yes	yes	no
108354	LENNOX BLVD	LENNOX BLVD	yes	633.48	905.59	1,739.80	272.11	1,106.32	834.21	yes	yes	yes
108364	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	192.15	552.80	946.86	360.64	754.70	394.06	yes	yes	yes
108383	RODEO RD	RODEO RD	yes	12.23	41.17	37.85	28.94	25.63	-3.32	yes	yes	no
108391	STOCKER ST	STOCKER ST	yes	4,919.30	8,018.98	6,740.50	3,099.68	1,821.20	-1,278.48	yes	yes	no
108400	CRENSHAW BLVD	CRENSHAW BLVD	yes	305.97	383.36	332.32	77.39	26.35	-51.04	yes	yes	no
108475	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,470.89	4,772.81	5,296.19	1,301.91	1,825.30	523.39	yes	yes	yes
108477	W CENTURY BLVD	W CENTURY BLVD	yes	44,493.21	66,020.38	45,311.88	21,527.17	818.67	-20,708.49	yes	yes	no
108508	W 108TH ST	W 108TH ST	yes	222.46	392.19	409.97	169.72	187.51	17.79	yes	yes	yes
108513	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	435.13	836.44	811.83	401.31	376.70	-24.61	yes	yes	no
108514	VENICE BLVD	VENICE BLVD	yes	295.52	469.85	291.60	174.33	-3.92	-178.25	yes	no	no
108516	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	175.21	259.34	180.94	84.13	5.73	-78.39	yes	yes	no
108517	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	291.40	439.42	306.03	148.02	14.63	-133.38	yes	yes	no
108521	N NASH ST	N NASH ST	yes	191.18	505.07	412.54	313.89	221.36	-92.53	yes	yes	no
108528	W FLORENCE AVE	W FLORENCE AVE	yes	4,428.24	8,858.75	9,201.33	4,430.51	4,773.09	342.58	yes	yes	yes
108620	CRENSHAW BLVD	CRENSHAW BLVD	yes	8.31	57.22	82.04	48.91	73.74	24.83	yes	yes	yes
108626	W GAGE AVE	W GAGE AVE	yes	1,579.52	2,716.50	2,787.43	1,136.98	1,207.91	70.92	yes	yes	yes
108658	CENTINELA AVE	CENTINELA AVE	yes	2.09	58.19	59.64	56.10	57.56	1.45	yes	yes	yes
108669	W SLAUSON AVE	W SLAUSON AVE	yes	13.38	38.19	31.25	24.81	17.87	-6.94	yes	yes	no
108672	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,094.91	3,649.69	4,864.60	1,554.78	2,769.69	1,214.91	yes	yes	yes
108681	S NORMANDIE AVE	S NORMANDIE AVE	yes	79.73	120.51	114.65	40.78	34.92	-5.86	yes	yes	no

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108684	CRENSHAW BLVD	CRENSHAW BLVD	yes	4.66	18.32	15.24	13.66	10.58	-3.08	yes	yes	no
108688	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	559.80	819.12	867.67	259.31	307.86	48.55	yes	yes	yes
108712	S NORMANDIE AVE	S NORMANDIE AVE	yes	47.83	76.67	72.82	28.84	25.00	-3.84	yes	yes	no
108715	S NORMANDIE AVE	S NORMANDIE AVE	yes	60.25	85.89	79.10	25.64	18.85	-6.80	yes	yes	no
108716	W 35TH ST	W 35TH ST	yes	126.85	160.31	142.91	33.46	16.06	-17.40	yes	yes	no
108729	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	11.02	13.62	8.81	2.60	-2.21	-4.81	yes	no	no
108735	EXPOSITION BLVD	EXPOSITION BLVD	yes	431.36	646.93	402.32	215.57	-29.04	-244.61	yes	no	no
108736	S NORMANDIE AVE	S NORMANDIE AVE	yes	50.07	73.07	63.51	23.00	13.45	-9.55	yes	yes	no
108749	S NORMANDIE AVE	S NORMANDIE AVE	yes	36.72	56.76	49.23	20.04	12.51	-7.53	yes	yes	no
108750	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	6,542.36	10,018.59	9,497.82	3,476.22	2,955.45	-520.77	yes	yes	no
108751	S NORMANDIE AVE	S NORMANDIE AVE	yes	62.09	93.97	81.62	31.88	19.53	-12.35	yes	yes	no
108756	S NORMANDIE AVE	S NORMANDIE AVE	yes	48.95	75.46	73.57	26.51	24.62	-1.89	yes	yes	no
108766	ARBOR VITAE ST	ARBOR VITAE ST	yes	4,792.80	9,812.98	7,484.73	5,020.18	2,691.92	-2,328.26	yes	yes	no
108777	ROSECRANS AVE	ROSECRANS AVE	yes	569.23	885.14	924.19	315.92	354.96	39.05	yes	yes	yes
108781	S NORMANDIE AVE	S NORMANDIE AVE	yes	90.31	150.13	131.42	59.82	41.11	-18.71	yes	yes	no
108788	S NORMANDIE AVE	S NORMANDIE AVE	yes	115.24	208.54	152.37	93.29	37.12	-56.17	yes	yes	no
108810	S NORMANDIE AVE	S NORMANDIE AVE	yes	151.45	263.83	199.73	112.38	48.28	-64.10	yes	yes	no
108830	S NORMANDIE AVE	S NORMANDIE AVE	yes	45.72	68.27	64.92	22.55	19.19	-3.35	yes	yes	no
108834	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	228.18	449.41	401.35	221.23	173.18	-48.05	yes	yes	no
108858	S NORMANDIE AVE	S NORMANDIE AVE	yes	137.14	309.56	400.82	172.42	263.68	91.26	yes	yes	yes
108859	W GAGE AVE	W GAGE AVE	yes	1,602.62	2,600.68	2,685.27	998.07	1,082.65	84.58	yes	yes	yes
108873	S NORMANDIE AVE	S NORMANDIE AVE	yes	70.45	116.11	140.18	45.66	69.73	24.06	yes	yes	yes
108882	S NORMANDIE AVE	S NORMANDIE AVE	yes	62.72	87.88	118.66	25.16	55.94	30.78	yes	yes	yes
108886	E FLORENCE AVE	E FLORENCE AVE	yes	5,860.46	11,113.51	9,704.32	5,253.04	3,843.86	-1,409.18	yes	yes	no
108896	W 59TH ST	W 59TH ST	yes	4,695.34	7,650.97	6,698.58	2,955.63	2,003.24	-952.39	yes	yes	no
108897	S NORMANDIE AVE	S NORMANDIE AVE	yes	79.78	112.00	146.04	32.22	66.26	34.04	yes	yes	yes
108899	S NORMANDIE AVE	S NORMANDIE AVE	yes	51.42	77.87	70.26	26.45	18.84	-7.61	yes	yes	no
108900	VENICE BLVD	VENICE BLVD	yes	70.64	136.88	86.55	66.24	15.91	-50.33	yes	yes	no
108901	S NORMANDIE AVE	S NORMANDIE AVE	yes	51.41	77.82	70.25	26.40	18.84	-7.56	yes	yes	no
108906	S NORMANDIE AVE	S NORMANDIE AVE	yes	52.26	82.07	86.41	29.82	34.15	4.34	yes	yes	yes
108912	S NORMANDIE AVE	S NORMANDIE AVE	yes	52.15	129.06	186.35	76.92	134.20	57.29	yes	yes	yes
108913	CRENSHAW BLVD	CRENSHAW BLVD	yes	4,056.43	6,686.57	5,656.69	2,630.13	1,600.26	-1,029.87	yes	yes	no
108918	E FAIRVIEW BLVD	E FAIRVIEW BLVD	yes	602.17	1,027.34	851.27	425.16	249.10	-176.07	yes	yes	no
108919	W ROSECRANS AVE	W ROSECRANS AVE	yes	533.93	2,932.68	1,483.96	2,398.75	950.03	-1,448.72	yes	yes	no
108920	S NORMANDIE AVE	S NORMANDIE AVE	yes	2.49	7.23	10.70	4.74	8.21	3.47	yes	yes	yes
108924	RODEO RD	RODEO RD	yes	12.25	41.27	37.90	29.01	25.65	-3.36	yes	yes	no
108947	CRENSHAW BLVD	CRENSHAW BLVD	yes	52.43	93.03	88.47	40.61	36.04	-4.56	yes	yes	no
108971	S NORMANDIE AVE	S NORMANDIE AVE	yes	54.69	99.47	81.47	44.78	26.78	-18.00	yes	yes	no
108972	S PRAIRIE AVE	S PRAIRIE AVE	yes	256.37	435.11	820.98	178.73	564.61	385.88	yes	yes	yes
108984	S NORMANDIE AVE	S NORMANDIE AVE	yes	61.64	94.33	78.24	32.69	16.60	-16.09	yes	yes	no
109028	W 108TH ST	W 108TH ST	yes	112.35	188.62	303.59	76.27	191.24	114.97	yes	yes	yes
109064	W FLORENCE AVE	W FLORENCE AVE	yes	2,918.41	5,776.80	4,866.79	2,858.39	1,948.37	-910.01	yes	yes	no
109118	COLISEUM ST	COLISEUM ST	yes	73.75	86.55	80.23	12.80	6.48	-6.33	yes	yes	no
109145	VENICE BLVD	VENICE BLVD	yes	3.10	4.31	3.85	1.21	0.75	-0.46	yes	no	no
109327	S LA BREA AVE	S LA BREA AVE	yes	8,886.54	12,873.35	11,738.33	3,986.81	2,851.79	-1,135.02	yes	yes	no
124055	I 405 HOV	I 405 HOV	yes	1,233.86	2,038.47	2,100.52	804.60	866.66	62.05	yes	yes	yes
124715	N NASH ST	N NASH ST	yes	498.07	930.43	770.30	432.36	272.23	-160.13	yes	yes	no
124717	ATWOOD WAY	ATWOOD WAY	yes	3,938.53	5,646.24	5,183.65	1,707.71	1,245.12	-462.59	yes	yes	no
124718	ATWOOD WAY	ATWOOD WAY	yes	143.74	380.88	286.82	237.14	143.08	-94.05	yes	yes	no
124720	N DOUGLAS ST	N DOUGLAS ST	yes	946.28	1,392.81	1,395.74	446.52	449.46	2.94	yes	yes	yes
125485	SAWTELLE BLVD	SAWTELLE BLVD	yes	211.66	279.15	253.99	67.48	42.33	-25.15	yes	yes	no
125486	PALMS BLVD	PALMS BLVD	yes	37.09	48.81	46.01	11.71	8.92	-2.79	yes	yes	no
125489	SAWTELLE BLVD	SAWTELLE BLVD	yes	150.69	263.74	223.29	113.66	72.60	-40.45	yes	yes	no
125490			0	100.14	113.23	118.04	13.09	17.90	4.81	yes	yes	yes
125498	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	344.82	557.03	460.41	212.22	115.59	-96.63	yes	yes	no
125499			0	11.86	22.12	12.44	10.26	0.58	-9.68	yes	no	no
125502	SAWTELLE BLVD	SAWTELLE BLVD	yes	137.50	276.92	221.79	139.42	84.29	-55.13	yes	yes	no
125505	SAWTELLE BLVD	SAWTELLE BLVD	yes	97.45	141.09	110.00	43.63	12.55	-31.08	yes	yes	no
125507	BRADDOCK DR	BRADDOCK DR	yes	9.19	10.69	12.25	1.50	3.06	1.56	yes	yes	yes
125535	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	249.74	301.62	272.33	51.88	22.59	-29.29	yes	yes	no
125547	PICO BLVD	PICO BLVD	yes	13.45	18.52	15.00	5.08	1.56	-3.52	yes	yes	no
125548			0	42.73	50.44	48.67	7.71	5.94	-1.77	yes	yes	no
125550	S BUNDY DR	S BUNDY DR	yes	439.67	711.05	569.39	271.38	129.72	-141.66	yes	yes	no
125555			0	41.05	43.11	66.06	2.06	25.01	22.95	yes	yes	yes
125559	NATIONAL BLVD	NATIONAL BLVD	yes	108.15	186.95	148.90	78.80	40.75	-38.05	yes	yes	no
125565	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	468.86	700.20	488.80	231.33	19.93	-211.40	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
125568	NATIONAL BLVD	NATIONAL BLVD	yes	22.09	28.48	29.02	6.39	6.93	0.54	yes	yes	no
125570	S ROBERTSON BLVD	S ROBERTSON BLVD	yes	751.30	1,140.41	838.70	389.11	87.40	-301.71	yes	yes	no
125585	0	0	0 yes	1,040.21	1,844.06	1,478.40	803.85	438.19	-365.66	yes	yes	no
126164	HARBOR FWY	HARBOR FWY	yes	6,106.83	8,278.83	7,078.34	2,172.00	971.51	-1,200.49	yes	yes	no
126167	0	0	0 yes	588.00	663.47	685.34	75.48	97.34	21.86	yes	yes	yes
126168	S FIGUEROA ST	S FIGUEROA ST	yes	601.66	758.47	819.41	156.81	217.75	60.94	yes	yes	yes
126170	0	0	0 yes	40.36	53.18	57.36	12.82	17.00	4.18	yes	yes	yes
126913	0	0	0 yes	4,015.56	5,672.19	4,073.76	1,656.62	58.20	-1,598.43	yes	yes	no
126918	JEFFERSON BLVD	JEFFERSON BLVD	yes	735.03	1,171.13	579.15	436.10	-155.88	-591.98	yes	no	no
126920	0	0	0 yes	20.35	22.86	30.58	2.51	10.23	7.72	yes	yes	yes
126922	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	6,740.81	9,772.63	7,676.42	3,031.82	935.61	-2,096.21	yes	yes	no
126923	SAN DIEGO FWY	SAN DIEGO FWY	yes	11,220.26	14,968.06	14,262.18	3,747.80	3,041.92	-705.88	yes	yes	no
126926	0	0	0 yes	364.22	822.77	164.73	458.55	-199.48	-658.03	yes	no	no
126930	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	483.94	1,375.75	9,036.45	891.81	8,552.51	7,660.70	yes	yes	yes
126931	0	0	0 yes	914.67	1,890.97	799.93	976.30	-114.74	-1,091.05	yes	no	no
126933	0	0	0 yes	11.55	414.83	1,908.28	403.27	1,896.72	1,493.45	yes	yes	yes
126935	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	2,115.27	4,053.91	4,325.90	1,938.64	2,210.63	271.99	yes	yes	yes
126936	0	0	0 yes	20.88	150.71	109.29	129.83	-41.42	88.41	yes	yes	no
126938	0	0	0 yes	2,666.28	4,144.91	9,397.82	1,478.63	6,731.54	5,252.91	yes	yes	yes
126945	W CENTURY BLVD	W CENTURY BLVD	yes	27,454.49	43,278.93	43,908.35	15,824.44	16,453.86	629.42	yes	yes	yes
126947	0	0	0 yes	12,422.39	13,959.59	8,938.77	1,537.20	-3,483.62	-5,020.83	yes	no	no
126951	0	0	0 yes	18,261.59	22,797.60	20,496.69	4,536.01	2,235.10	-2,300.91	yes	yes	no
126952	0	0	0 yes	18,224.61	22,688.22	20,452.46	4,463.61	2,227.85	-2,235.76	yes	yes	no
126953	0	0	0 yes	212.55	267.77	19.89	55.22	-192.66	-247.88	yes	no	no
126955	0	0	0 yes	6,501.89	7,558.66	7,199.50	1,056.77	697.61	-359.16	yes	yes	no
126959	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	12,317.76	18,678.50	18,115.69	6,360.75	5,797.93	-562.82	yes	yes	no
126964	0	0	0 yes	2,593.96	5,021.89	3,782.54	2,427.92	1,188.57	-1,239.35	yes	yes	no
126969	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	684.65	2,188.01	2,554.67	1,503.35	1,870.02	366.67	yes	yes	yes
126970	0	0	0 yes	620.97	1,986.96	1,959.65	1,366.00	1,338.69	-27.31	yes	yes	no
126975	SAN DIEGO FWY	SAN DIEGO FWY	yes	21,448.21	27,692.76	24,390.83	6,244.56	2,942.62	-3,301.94	yes	yes	no
126976	0	0	0 yes	1.07	12.80	16.12	11.73	15.04	3.31	yes	yes	yes
126977	0	0	0 yes	1,264.49	2,080.20	2,636.95	815.71	1,372.45	556.75	yes	yes	yes
126978	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	2,091.26	3,031.84	4,052.65	940.59	1,961.39	1,020.80	yes	yes	yes
126981	W ROSECRANS AVE	W ROSECRANS AVE	yes	719.26	2,140.79	1,728.65	1,421.53	1,009.39	-412.14	yes	yes	no
127174	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	5,816.25	8,232.26	7,637.43	2,416.01	1,821.18	-594.83	yes	yes	no
127176	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	7,587.66	9,492.11	8,934.47	1,904.46	1,346.81	-557.65	yes	yes	no
127177	CALIFORNIA ST	CALIFORNIA ST	yes	30.38	71.48	74.37	41.09	43.98	2.89	yes	yes	yes
127178	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	1,159.33	1,464.29	1,698.47	304.96	539.14	234.18	yes	yes	yes
127179	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	23,397.49	36,819.22	29,340.53	13,421.73	5,943.04	-7,478.69	yes	yes	no
127180	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	738.43	1,041.33	1,011.67	302.90	273.24	-29.66	yes	yes	no
127181	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	342.09	453.52	395.69	111.43	53.60	-57.82	yes	yes	no
127182	W CENTURY BLVD	W CENTURY BLVD	yes	32,964.66	53,246.98	36,256.16	20,282.32	3,291.50	-16,990.83	yes	yes	no
127184	0	0	0 yes	22,777.99	27,375.98	21,441.75	4,597.99	-1,336.24	-5,934.23	yes	no	no
127185	W CENTURY BLVD	W CENTURY BLVD	yes	25,153.00	39,360.81	25,262.64	14,207.81	109.64	-14,098.17	yes	yes	no
127186	0	0	0 yes	22,442.63	27,073.74	20,898.78	4,631.12	-1,543.85	-6,174.96	yes	no	no
127189	0	0	0 yes	15,270.82	18,581.58	14,282.48	3,310.76	-988.34	-4,299.10	yes	no	no
127190	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	4,413.44	9,120.06	6,770.07	4,706.62	2,356.63	-2,349.99	yes	yes	no
127192	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	21,834.04	31,119.73	24,397.89	9,285.69	2,563.85	-6,721.85	yes	yes	no
127193	0	0	0 yes	10,038.70	14,735.32	9,013.76	4,696.63	-1,024.93	-5,721.56	yes	no	no
127194	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	31,479.60	43,979.70	38,881.97	12,500.10	7,402.37	-5,097.73	yes	yes	no
127195	0	0	0 yes	15,271.70	16,771.98	13,176.15	1,500.29	-2,095.55	-3,595.84	yes	no	no
127196	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	16,208.78	25,398.12	22,750.30	9,189.34	6,541.52	-2,647.83	yes	yes	no
127198	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	37,738.05	45,465.36	37,740.20	7,727.32	2.15	-7,725.17	yes	yes	no
127210	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	908.77	2,291.22	3,278.83	1,382.45	2,370.06	987.61	yes	yes	yes
127211	0	0	0 yes	425.72	1,493.08	2,369.95	1,067.37	1,944.23	876.86	yes	yes	yes
127215	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	556.94	929.44	1,034.03	372.50	104.59	477.09	yes	yes	yes
127219	W 120TH ST	W 120TH ST	yes	676.41	944.13	824.50	267.71	148.09	-119.62	yes	yes	no
127225	0	0	0 yes	7.44	9.01	7.05	1.57	-0.39	-1.96	yes	no	no
127230	S VERMONT AVE	S VERMONT AVE	yes	154.60	198.59	133.44	43.99	-21.16	-65.15	yes	no	no
127232	ATHENS WAY	ATHENS WAY	yes	33.43	37.09	57.90	3.66	24.48	20.82	yes	yes	yes
127236	I 105 HOV	I 105 HOV	yes	5,110.52	6,948.46	6,448.98	1,837.94	1,338.46	-499.48	yes	yes	no
127312	W ROSECRANS AVE	W ROSECRANS AVE	yes	15.56	46.22	47.37	30.66	31.81	1.15	yes	yes	yes
127642	MARINA FWY	MARINA FWY	yes	972.98	1,196.79	1,064.09	223.80	91.11	-132.69	yes	yes	no
127646	0	0	0 yes	14.98	16.30	26.59	1.32	11.61	10.29	yes	yes	yes
129577	HARBOR FWY	HARBOR FWY	yes	4,613.26	4,938.74	3,944.13	325.48	-669.12	-994.60	yes	no	no
129661	0	0	0 yes	157.69	166.36	160.11	8.66	2.42	-6.25	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
129662	CULVER BLVD	CULVER BLVD	yes	2,189.84	2,760.25	2,411.19	570.41	221.35	-349.06	yes	yes	no
129663	LINCOLN BLVD	LINCOLN BLVD	yes	13,692.68	18,516.59	15,945.65	4,823.91	2,252.97	-2,570.93	yes	yes	no
129664	CENTER WAY S	CENTER WAY S	yes	25,045.75	36,209.25	24,763.69	11,163.50	-282.06	-11,445.57	yes	no	no
129665	0	0	yes	892.87	1,835.18	885.57	942.30	-7.31	-949.61	yes	no	no
129668	WEST WAY	WEST WAY	yes	15,021.09	23,719.04	14,285.02	8,697.96	-736.07	-9,434.03	yes	no	no
129670	WEST WAY	WEST WAY	yes	5,529.26	9,837.19	5,099.03	4,307.94	-430.23	-4,738.16	yes	no	no
129671	WEST WAY	WEST WAY	yes	5,529.26	9,837.19	5,099.03	4,307.94	-430.23	-4,738.16	yes	no	no
129672	CENTER WAY	CENTER WAY	yes	20,550.34	33,556.24	21,178.92	13,005.90	628.58	-12,377.32	yes	yes	no
129673	WORLD WAY	WORLD WAY	yes	15,021.09	23,719.04	14,285.02	8,697.96	-736.07	-9,434.03	yes	no	no
129674	0	0	yes	238.90	554.76	445.37	315.86	206.47	-109.39	yes	yes	no
129675	WORLD WAY	WORLD WAY	yes	93.99	4,249.99	837.33	4,156.00	743.34	-3,412.67	yes	yes	no
129676	WORLD WAY	WORLD WAY	yes	67,427.06	95,403.97	66,502.57	27,976.90	-924.49	-28,901.40	yes	no	no
129677	WORLD WAY	WORLD WAY	yes	32,964.05	48,361.48	33,690.91	15,397.43	726.86	-14,670.57	yes	yes	no
129679	WORLD WAY	WORLD WAY	yes	38,493.30	58,198.67	38,789.94	19,705.37	296.63	-19,408.74	yes	yes	no
129680	EAST WAY	EAST WAY	yes	0.00	2,021.11	119.78	2,021.11	119.78	-1,901.33	yes	yes	no
129681	EAST WAY	EAST WAY	yes	0.00	2,021.11	119.78	2,021.11	119.78	-1,901.33	yes	yes	no
129682	WORLD WAY	WORLD WAY	yes	38,493.30	56,177.56	38,670.16	17,684.26	176.86	-17,507.41	yes	yes	no
129683	WORLD WAY	WORLD WAY	yes	38,493.30	58,198.67	38,789.94	19,705.37	296.63	-19,408.74	yes	yes	no
129685	EAST WAY	EAST WAY	yes	7,168.22	10,226.13	5,970.25	3,057.91	-1,197.97	-4,255.88	yes	no	no
129686	EAST WAY	EAST WAY	yes	7,168.22	10,226.13	5,970.25	3,057.91	-1,197.97	-4,255.88	yes	no	no
129687	WORLD WAY	WORLD WAY	yes	75,279.92	108,896.88	74,817.33	33,616.96	-462.59	-34,079.55	yes	no	no
129688	WORLD WAY	WORLD WAY	yes	82,448.15	119,123.01	80,787.59	36,674.86	-1,660.56	-38,335.42	yes	no	no
129689	WORLD WAY	WORLD WAY	yes	82,448.15	119,123.01	80,787.59	36,674.86	-1,660.56	-38,335.42	yes	no	no
129690	WORLD WAY	WORLD WAY	yes	47,595.63	66,434.55	46,161.41	18,838.93	-1,434.21	-20,273.14	yes	no	no
129691	WORLD WAY	WORLD WAY	yes	35,847.39	48,703.71	35,291.44	12,856.32	-555.94	-13,412.27	yes	no	no
129692	WORLD WAY	WORLD WAY	yes	2,645.91	9,494.96	3,498.49	6,849.05	852.58	-5,996.47	yes	yes	no
129693	W CENTURY BLVD	W CENTURY BLVD	yes	1,753.04	7,659.78	2,612.93	5,906.74	859.88	-5,046.86	yes	yes	no
129694	WORLD WAY	WORLD WAY	yes	49,348.67	74,094.34	48,774.34	24,745.67	-574.33	-25,319.99	yes	no	no
129695	W CENTURY BLVD	W CENTURY BLVD	yes	21,853.40	35,193.58	22,166.28	13,340.18	312.88	-13,027.30	yes	yes	no
129696	WORLD WAY	WORLD WAY	yes	37,124.22	53,775.16	36,448.76	16,650.93	-675.46	-17,326.39	yes	no	no
129699	W CENTURY BLVD	W CENTURY BLVD	yes	21,853.40	35,193.58	22,166.28	13,340.18	312.88	-13,027.30	yes	yes	no
129701	W CENTURY BLVD	W CENTURY BLVD	yes	12,053.60	21,013.02	13,597.89	8,959.41	1,544.29	-7,415.13	yes	yes	no
129702	W CENTURY BLVD	W CENTURY BLVD	yes	20,575.69	31,931.73	22,115.30	11,356.03	1,539.60	-9,816.43	yes	yes	no
129704	W CENTURY BLVD	W CENTURY BLVD	yes	27,136.00	41,535.46	30,555.84	14,399.45	3,419.84	-10,979.61	yes	yes	no
129706	W CENTURY BLVD	W CENTURY BLVD	yes	25,153.00	39,360.81	25,262.64	14,207.81	109.64	-14,098.17	yes	yes	no
129707	W CENTURY BLVD	W CENTURY BLVD	no	2,416.24	7,071.41	2,749.46	4,655.16	2,749.46	2,749.46	yes	yes	yes
129710	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	4,652.34	9,674.82	7,215.44	5,022.48	2,563.10	-2,459.38	yes	yes	no
129712	W CENTURY BLVD	W CENTURY BLVD	yes	775.75	781.39	1,310.10	5.64	534.35	528.71	yes	yes	yes
129713	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	18,623.84	29,948.31	19,995.26	11,324.47	1,371.42	-9,953.06	yes	yes	no
129714	W CENTURY BLVD	W CENTURY BLVD	yes	824.63	4,582.61	1,214.57	3,757.98	389.95	-3,368.04	yes	yes	no
129716	W CENTURY BLVD	W CENTURY BLVD	yes	16.15	3,930.74	100.30	3,914.59	84.16	-3,830.44	yes	yes	no
129717	W CENTURY BLVD	W CENTURY BLVD	yes	93.99	4,249.99	837.33	4,156.00	743.34	-3,412.67	yes	yes	no
129718	SKY WAY	SKY WAY	yes	1,753.04	7,659.78	2,612.93	5,906.74	859.89	-5,046.85	yes	yes	no
129719	WORLD WAY	WORLD WAY	yes	34,852.52	52,688.46	34,626.17	17,835.94	-226.35	-18,062.28	yes	no	no
129720	SKY WAY	SKY WAY	yes	14,011.74	23,031.53	14,079.56	9,019.79	67.82	-8,951.97	yes	yes	no
129721	SKY WAY	SKY WAY	yes	15,764.78	30,691.32	16,692.49	14,926.54	927.71	-13,998.83	yes	yes	no
129723	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	15,222.44	23,049.46	18,843.17	7,827.03	3,620.74	-4,206.29	yes	yes	no
129724	SKY WAY	SKY WAY	yes	9,963.39	10,621.49	8,927.68	658.10	-1,035.71	-1,693.81	yes	no	no
129725	SKY WAY	SKY WAY	yes	10,161.02	19,362.25	10,698.94	9,201.23	537.91	-8,663.32	yes	yes	no
129727	W CENTURY BLVD	W CENTURY BLVD	yes	1,753.04	7,659.78	2,612.93	5,906.74	859.88	-5,046.86	yes	yes	no
129728	W CENTURY BLVD	W CENTURY BLVD	yes	22,092.30	35,748.34	22,611.65	13,656.04	519.35	-13,136.68	yes	yes	no
129729	VICKSBURG AVE	VICKSBURG AVE	no	4,034.83	6,366.50	5,644.68	2,331.68	5,644.68	5,644.68	yes	yes	yes
129822	STOCKER ST	STOCKER ST	yes	4,919.30	8,018.98	6,740.50	3,099.68	1,821.20	-1,278.48	yes	yes	no
129823	STOCKER ST	STOCKER ST	yes	4,919.30	8,018.98	6,740.50	3,099.68	1,821.20	-1,278.48	yes	yes	no
129825	RODEO RD	RODEO RD	yes	12.23	41.17	37.85	28.94	25.63	-3.32	yes	yes	no
129828	S LA BREA AVE	S LA BREA AVE	yes	8,828.60	12,577.18	11,632.09	3,748.58	2,803.49	-945.09	yes	yes	no
129834	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,561.04	5,543.49	4,963.03	1,982.45	1,401.99	-580.45	yes	yes	no
129836	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	2,981.32	4,475.10	3,989.68	1,493.78	1,008.36	-485.42	yes	yes	no
129838	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	29.21	136.47	33.36	107.26	4.14	-103.12	yes	yes	no
129839	RODEO RD	RODEO RD	yes	102.72	141.24	129.83	38.52	27.11	-11.41	yes	yes	no
129840	RODEO RD	RODEO RD	yes	2.27	23.32	1.76	21.05	-0.51	-21.56	yes	no	no
129844	BURKSHIRE AVE	BURKSHIRE AVE	yes	82.44	137.30	115.21	54.86	32.77	-22.10	yes	yes	no
129845	S BENTLEY AVE	S BENTLEY AVE	yes	751.30	866.21	828.14	114.91	76.84	-38.07	yes	yes	no
129849	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	439.14	658.93	532.44	219.79	93.30	-126.49	yes	yes	no
130398	BROOKS AVE	BROOKS AVE	yes	16.32	58.54	39.75	42.22	23.43	-18.79	yes	yes	no
130399	MAIN ST	MAIN ST	yes	2,277.30	2,807.07	2,367.76	529.77	90.46	-439.32	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
130400	MAIN ST	MAIN ST	yes	925.67	1,179.44	872.48	253.77	-53.19	-306.96	yes	no	no
130401	WASHINGTON BLVD	WASHINGTON BLVD	yes	8.11	17.79	12.28	9.67	4.16	-5.51	yes	yes	no
130402	WASHINGTON BLVD	WASHINGTON BLVD	yes	8.10	17.32	11.99	9.22	3.88	-5.33	yes	yes	no
130403	WASHINGTON BLVD	WASHINGTON BLVD	yes	6.69	11.85	7.93	5.16	1.24	-3.93	yes	yes	no
130404	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,029.25	1,654.70	1,216.82	625.46	187.57	-437.89	yes	yes	no
130405	JEFFERSON BLVD	JEFFERSON BLVD	yes	689.73	1,008.51	746.11	318.78	56.37	-262.40	yes	yes	no
130406	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	1,175.47	1,722.14	1,471.33	546.67	295.86	-250.81	yes	yes	no
130408	STOCKER ST	STOCKER ST	yes	4,081.11	5,575.02	5,272.66	1,493.91	1,191.55	-302.36	yes	yes	no
130409	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	7,630.87	11,111.99	9,398.45	3,481.12	1,767.58	-1,713.54	yes	yes	no
130414	W SLAUSON AVE	W SLAUSON AVE	yes	65.18	73.21	65.84	8.03	0.67	-7.37	yes	no	no
130416	W SLAUSON AVE	W SLAUSON AVE	yes	88.64	208.00	177.41	119.37	88.77	-30.59	yes	yes	no
130418	0	0	0 yes	6.47	14.07	4.36	7.61	-2.10	-9.71	yes	no	no
130419	BRADLEY PL	BRADLEY PL	yes	7,684.39	11,288.48	9,500.10	3,604.09	1,815.71	-1,788.38	yes	yes	no
130420	0	0	0 yes	53.52	176.49	101.65	122.97	48.13	-74.84	yes	yes	no
130421	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	8,452.58	11,950.23	10,395.65	3,497.64	1,943.06	-1,554.58	yes	yes	no
130422	0	0	0 yes	262.52	599.78	471.60	337.26	209.08	-128.18	yes	yes	no
130424	OVERHILL DR	OVERHILL DR	yes	2.50	10.99	10.78	8.49	8.28	-0.21	yes	yes	no
130425	S LA BREA AVE	S LA BREA AVE	yes	2,841.37	5,156.41	4,835.56	2,315.05	1,994.19	-320.86	yes	yes	no
130426	S LA BREA AVE	S LA BREA AVE	yes	15.20	67.05	54.88	51.85	39.67	-12.18	yes	yes	no
130427	S LA BREA AVE	S LA BREA AVE	yes	1,305.13	2,198.74	1,732.40	893.61	427.27	-466.34	yes	yes	no
130428	STOCKER ST	STOCKER ST	yes	3,626.88	5,876.31	5,052.20	2,249.43	1,425.32	-824.11	yes	yes	no
130429	STOCKER ST	STOCKER ST	yes	1,292.42	2,142.68	1,688.30	850.26	395.88	-454.37	yes	yes	no
130431	S VAN NESS AVE	S VAN NESS AVE	yes	136.48	159.25	157.53	22.77	21.05	-1.72	yes	yes	no
130435	W 88TH ST	W 88TH ST	yes	2.65	89.11	52.57	86.46	49.92	-36.54	yes	yes	no
130436	LA TIERA PKY	LA TIERA PKY	yes	2.16	88.31	49.66	86.15	47.50	-38.65	yes	yes	no
130437	LA TIJERA BLVD	LA TIJERA BLVD	yes	318.25	498.28	420.82	180.03	102.58	-77.46	yes	yes	no
130440	W 83RD ST	W 83RD ST	yes	24.63	56.27	29.11	31.64	4.48	-27.16	yes	yes	no
130441	LINCOLN BLVD	LINCOLN BLVD	yes	7,555.62	10,212.66	8,346.17	2,657.04	790.55	-1,866.49	yes	yes	no
130442	LINCOLN BLVD	LINCOLN BLVD	yes	7,114.43	9,512.76	7,975.78	2,398.33	861.35	-1,536.99	yes	yes	no
130444	COLEGIO DR	COLEGIO DR	yes	312.87	398.09	314.14	85.22	1.27	-83.95	yes	yes	no
130445	0	0	0 yes	340.06	593.20	404.32	253.14	64.26	-188.88	yes	yes	no
130446	LINCOLN BLVD	LINCOLN BLVD	yes	7,837.67	10,675.63	8,807.90	2,837.96	970.23	-1,867.73	yes	yes	no
130447	0	0	0 yes	282.05	462.97	461.73	180.92	179.67	-1.24	yes	yes	no
130449	0	0	0 yes	312.87	398.09	314.14	85.22	1.27	-83.95	yes	yes	no
130450	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	18,076.67	24,162.88	19,799.80	6,086.21	1,723.14	-4,363.08	yes	yes	no
130451	LINCOLN BLVD	LINCOLN BLVD	yes	7,895.67	10,805.86	8,750.49	2,910.18	854.82	-2,055.37	yes	yes	no
130453	WORLD WAY W	WORLD WAY W	yes	4,718.82	5,627.40	5,436.53	908.58	717.70	-190.88	yes	yes	no
130456	0	0	0 yes	3,564.96	4,221.33	3,691.74	656.37	126.78	-529.59	yes	yes	no
130457	0	0	0 yes	1,153.86	1,406.07	1,175.45	252.21	21.59	-230.62	yes	yes	no
130458	WORLD WAY W	WORLD WAY W	yes	8,912.99	10,710.79	10,045.88	1,797.80	1,132.89	-664.91	yes	yes	no
130459	0	0	0 yes	1,729.08	2,139.54	1,811.79	410.46	82.71	-327.75	yes	yes	no
130460	0	0	0 yes	2,465.08	2,944.12	2,492.33	479.04	27.25	-451.79	yes	yes	no
130461	PERSHING DR	PERSHING DR	yes	464.89	778.02	699.34	313.14	234.46	-78.68	yes	yes	no
130462	PERSHING DR	PERSHING DR	yes	6,494.93	7,943.47	7,452.75	1,448.54	957.82	-490.72	yes	yes	no
130465	E MARIPOSA AVE	E MARIPOSA AVE	yes	363.23	527.59	462.95	164.37	99.72	-64.65	yes	yes	no
130467	S VERMONT AVE	S VERMONT AVE	yes	138.93	151.49	115.55	12.56	-23.38	-35.94	yes	no	no
130469	S BROADWAY	S BROADWAY	yes	1.03	3.63	0.66	2.60	-0.38	-2.97	yes	no	no
133124	23RD ST	23RD ST	yes	451.68	609.54	541.63	157.86	89.95	-67.90	yes	yes	no
133126	JEFFERSON BLVD	JEFFERSON BLVD	yes	29.21	136.47	33.36	107.26	4.14	-103.12	yes	yes	no
133127	BUTLER AVE	BUTLER AVE	yes	15.58	17.82	18.26	2.25	2.68	0.43	yes	yes	no
133128	NATIONAL PL	NATIONAL PL	yes	1.93	3.99	10.29	2.06	8.36	6.30	yes	yes	yes
133167	GRAYRIDGE DR	GRAYRIDGE DR	yes	982.38	1,532.07	1,242.05	549.69	259.67	-290.02	yes	yes	no
133168	NICHOLSON ST	NICHOLSON ST	yes	2,656.51	3,401.69	3,071.13	745.18	414.62	-330.56	yes	yes	no
133170	CENTER WAY N	CENTER WAY N	yes	13,917.75	18,259.10	13,242.23	4,341.35	-675.52	-5,016.86	yes	no	no
133175	S MARKET ST	S MARKET ST	yes	201.08	212.67	747.69	11.59	546.61	535.02	yes	yes	yes
140131	PACIFIC AVE	PACIFIC AVE	yes	778.42	1,489.53	1,266.46	711.11	488.04	-223.08	yes	yes	no
140132	MAIN ST	MAIN ST	yes	2,468.89	3,373.08	2,531.13	904.18	62.24	-841.94	yes	yes	no
140134	WINDWARD CIR	WINDWARD CIR	yes	2,307.56	3,064.97	2,436.42	757.40	128.86	-628.55	yes	yes	no
140136	WINDWARD CIR	WINDWARD CIR	yes	2,311.01	3,064.54	2,436.00	753.53	124.99	-628.54	yes	yes	no
140138	WINDWARD CIR	WINDWARD CIR	yes	2,311.10	3,064.58	2,436.04	753.47	124.94	-628.54	yes	yes	no
140139	WINDWARD CIR	WINDWARD CIR	yes	925.76	1,179.48	872.52	253.72	-53.24	-306.96	yes	no	no
140143	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	74.12	89.34	68.27	15.23	-5.84	-21.07	yes	no	no
140145	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	76.87	84.11	62.56	7.24	-21.54	-14.31	yes	no	no
140147	LINCOLN BLVD	LINCOLN BLVD	yes	6,629.99	8,569.15	7,494.37	1,939.16	864.38	-1,074.78	yes	yes	no
140148	LINCOLN BLVD	LINCOLN BLVD	yes	6,630.01	8,569.20	7,494.42	1,939.19	864.41	-1,074.78	yes	yes	no
140150	PENMAR AVE	PENMAR AVE	yes	20.11	28.20	26.09	8.09	5.99	-2.11	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
140151	WALGROVE AVE	WALGROVE AVE	yes	459.71	619.78	551.14	160.07	91.43	-68.64	yes	yes	no
140152	VICTORIA AVE	VICTORIA AVE	yes	17.86	52.06	50.85	34.19	32.99	-1.21	yes	yes	no
140160	GREEN VALLEY CIR	GREEN VALLEY CIR	yes	73.28	109.46	96.21	36.18	22.94	-13.25	yes	yes	no
140161	FOX HILLS DR	FOX HILLS DR	yes	19.04	36.50	37.80	17.46	18.76	1.31	yes	yes	yes
140162	HANNUM AVE	HANNUM AVE	yes	11.62	21.70	17.05	10.08	5.43	-4.65	yes	yes	no
140165	HANNUM AVE	HANNUM AVE	yes	11.32	28.70	23.03	17.39	11.71	-5.68	yes	yes	no
140168	BUCKINGHAM PKY	BUCKINGHAM PKY	yes	8.93	26.09	20.36	17.16	11.43	-5.73	yes	yes	no
140169	HANNUM AVE	HANNUM AVE	yes	6.36	13.98	23.49	7.62	17.13	9.51	yes	yes	yes
140171	EMERSON AVE	EMERSON AVE	yes	366.68	507.93	466.03	141.25	99.35	-41.90	yes	yes	no
140173	W 80TH ST	W 80TH ST	yes	13.57	18.07	15.20	4.51	1.63	-2.87	yes	yes	no
140174	W 83RD ST	W 83RD ST	yes	15.42	42.13	17.04	26.72	1.62	-25.10	yes	yes	no
140176	W 83RD ST	W 83RD ST	yes	26.34	27.83	26.07	1.49	-0.27	-1.76	yes	no	no
140177	LOYOLA BLVD	LOYOLA BLVD	yes	28.80	139.14	101.74	110.34	72.94	-37.41	yes	yes	no
140178	W MANCHESTER AVE	W MANCHESTER AVE	yes	667.03	804.98	715.08	137.95	48.05	-89.90	yes	yes	no
140180	WESTCHESTER PKY	WESTCHESTER PKY	yes	1,134.49	1,600.55	1,479.29	466.06	344.80	-121.26	yes	yes	no
140181	FALMOUTH AVE	FALMOUTH AVE	yes	407.65	538.64	531.72	130.99	124.07	-6.92	yes	yes	no
140183	W 92ND ST	W 92ND ST	yes	49.13	76.73	71.22	27.60	22.09	-5.51	yes	yes	no
140185	SAINT BERNARD ST	SAINT BERNARD ST	yes	358.52	461.91	460.50	103.39	101.98	-1.42	yes	yes	no
140189	W 80TH PL	W 80TH PL	yes	9.08	13.39	11.87	4.32	2.79	-1.53	yes	yes	no
140190	FIJI WAY	FIJI WAY	yes	96.90	157.86	132.60	60.96	35.70	-25.26	yes	yes	no
140192	VICTORIA AVE	VICTORIA AVE	yes	37.58	79.20	76.18	41.63	38.60	-3.02	yes	yes	no
140196	VISTA DEL MAR LN	VISTA DEL MAR LN	yes	6.62	16.30	15.33	9.68	8.71	-0.97	yes	yes	no
140202	JENNY AVE	JENNY AVE	yes	655.29	2,285.69	352.72	1,630.40	-302.57	-1,932.97	yes	no	no
140203	W 96TH ST	W 96TH ST	yes	5,964.70	13,744.79	6,066.10	7,780.09	101.40	-7,678.69	yes	yes	no
140204	W 96TH ST	W 96TH ST	yes	5,118.17	11,673.80	5,890.25	6,555.63	772.08	-5,783.55	yes	yes	no
140205	W 96TH ST	W 96TH ST	yes	8,127.43	18,043.43	12,186.95	9,916.00	4,059.52	-5,856.48	yes	yes	no
140208	SKY WAY	SKY WAY	yes	6,330.29	21,640.77	7,003.47	15,310.48	673.17	-14,637.31	yes	yes	no
140209	W 96TH ST	W 96TH ST	yes	9,594.22	9,658.13	9,970.70	63.91	376.47	312.57	yes	yes	yes
140210	SKY WAY	SKY WAY	yes	34,852.52	52,688.46	38,909.03	17,835.94	4,056.51	-13,779.43	yes	yes	no
140213	W BEACH AVE	W BEACH AVE	yes	1.50	2.58	2.27	1.08	0.77	-0.31	yes	no	no
140214	W BEACH AVE	W BEACH AVE	yes	5.98	362.19	391.97	356.22	386.00	29.78	yes	yes	yes
140215	W FLORENCE AVE	W FLORENCE AVE	yes	2,924.42	6,139.02	5,258.77	3,214.60	2,334.35	-880.25	yes	yes	no
140218	E FAIRVIEW BLVD	E FAIRVIEW BLVD	yes	54.43	81.67	72.06	27.24	17.63	-9.62	yes	yes	no
140219	BUCKLER AVE	BUCKLER AVE	yes	33.59	38.40	33.66	4.81	0.07	-4.74	yes	no	no
140220	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	60.02	140.65	157.99	80.63	97.97	17.33	yes	yes	yes
140221	W HILLCREST BLVD	W HILLCREST BLVD	yes	1,116.09	2,214.01	2,925.35	1,097.92	1,809.26	711.34	yes	yes	yes
140222	S EUCALYPTUS AVE	S EUCALYPTUS AVE	yes	13.96	22.34	21.22	8.39	7.27	-1.12	yes	yes	no
140223	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,108.90	3,666.42	4,879.09	1,557.52	2,770.19	1,212.67	yes	yes	yes
140224	S EUCALYPTUS AVE	S EUCALYPTUS AVE	yes	7.15	13.68	4.76	6.53	-2.39	-8.91	yes	no	no
140225	W CENTURY BLVD	W CENTURY BLVD	yes	8,175.40	16,504.89	14,031.07	8,329.49	5,855.67	-2,473.82	yes	yes	no
140226	E ARBOR VITAE ST	E ARBOR VITAE ST	yes	389.38	597.32	1,448.55	207.94	1,059.17	851.23	yes	yes	yes
140227	MYRTLE AVE	MYRTLE AVE	yes	21.62	23.64	18.60	2.02	-3.02	-5.04	yes	no	no
140228	E MAPLE AVE	E MAPLE AVE	yes	17.87	46.15	44.90	28.28	27.03	-1.25	yes	yes	no
140229	N NASH ST	N NASH ST	yes	489.52	904.38	738.58	414.86	249.06	-165.81	yes	yes	no
140230	E MAPLE AVE	E MAPLE AVE	yes	12.82	30.77	35.39	17.95	22.56	4.62	yes	yes	yes
140231	LAIRPORT ST	LAIRPORT ST	yes	4.87	7.24	4.97	2.37	0.10	-2.27	yes	no	no
140232	S VAN NESS AVE	S VAN NESS AVE	yes	26.17	27.67	26.87	1.50	0.70	-0.80	yes	no	no
140233	S WESTERN AVE	S WESTERN AVE	yes	185.49	192.65	153.27	7.15	-32.22	-39.38	yes	no	no
140234	W 62ND ST	W 62ND ST	yes	1,485.11	2,440.76	2,485.87	955.65	1,000.76	45.11	yes	yes	yes
140235	CRENSHAW BLVD	CRENSHAW BLVD	yes	74.37	91.72	80.98	17.36	6.62	-10.74	yes	yes	no
140236	S YUKON AVE	S YUKON AVE	yes	206.82	432.70	306.21	225.88	99.38	-126.50	yes	yes	no
140237	W 110TH ST	W 110TH ST	yes	40.58	157.14	77.07	116.56	36.49	-80.07	yes	yes	no
140238	S PRAIRIE AVE	S PRAIRIE AVE	yes	438.15	749.04	672.89	310.89	234.74	-76.15	yes	yes	no
140239	W 110TH ST	W 110TH ST	yes	22.08	36.40	37.94	14.32	15.86	1.54	yes	yes	yes
140240	S VERMONT AVE	S VERMONT AVE	yes	76.15	129.88	118.26	53.73	42.11	-11.62	yes	yes	no
140241	S NORMANDIE AVE	S NORMANDIE AVE	yes	68.40	99.85	96.51	31.45	28.11	-3.35	yes	yes	no
140242	W 110TH ST	W 110TH ST	yes	21.85	81.33	143.48	59.48	121.63	62.15	yes	yes	yes
140243	S VERMONT AVE	S VERMONT AVE	yes	88.75	149.35	160.50	60.60	71.74	11.15	yes	yes	yes
140244	W 110TH ST	W 110TH ST	yes	15.01	73.63	133.90	58.63	118.90	60.27	yes	yes	yes
140245	AVIATION BLVD	AVIATION BLVD	yes	2,572.27	3,487.23	3,824.46	914.96	1,252.19	337.23	yes	yes	yes
140246	ALASKA AVE	ALASKA AVE	yes	131.37	282.82	207.44	151.45	76.07	-75.38	yes	yes	no
140247	AVIATION BLVD	AVIATION BLVD	yes	2,676.92	3,738.50	3,979.61	1,061.58	1,302.69	241.11	yes	yes	yes
140248	ALASKA AVE	ALASKA AVE	yes	0.13	1.37	1.01	1.24	0.88	-0.37	yes	no	no
140249	HAWAII ST	HAWAII ST	yes	131.24	281.45	180.22	150.21	48.98	-101.24	yes	yes	no
140250	S DOUGLAS ST	S DOUGLAS ST	yes	171.70	442.16	323.31	270.46	151.61	-118.85	yes	yes	no
140251	PARK PL	PARK PL	yes	4.31	8.10	6.81	3.79	2.50	-1.29	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
140252	W ROSECRANS AVE	W ROSECRANS AVE	yes	467.68	2,636.00	1,273.76	2,168.31	806.08	-1,362.24	yes	yes	no
140256	W ROSECRANS AVE	W ROSECRANS AVE	yes	469.98	2,639.33	1,277.46	2,169.34	807.48	-1,361.86	yes	yes	no
140257	UNKNOWN	UNKNOWN	yes	4.33	7.89	6.25	3.57	1.92	-1.64	yes	yes	no
140259	AVIATION BLVD	AVIATION BLVD	yes	2,351.45	3,004.99	3,160.57	653.54	809.13	155.59	yes	yes	yes
140260	UNKNOWN	UNKNOWN	yes	7.50	27.25	21.82	19.75	14.33	-5.43	yes	yes	no
140261	PRAIRIE AVE	PRAIRIE AVE	yes	217.08	448.24	411.11	231.16	14.33	-37.13	yes	yes	no
140264	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	512.32	801.43	827.66	289.10	315.34	26.24	yes	yes	yes
142860	S GRAND AVE	S GRAND AVE	yes	127.53	152.25	144.30	24.72	16.77	-7.94	yes	yes	no
142861	W 39TH ST	W 39TH ST	yes	159.84	189.49	172.09	29.65	12.24	-17.40	yes	yes	no
142862	W 39TH ST	W 39TH ST	yes	126.88	205.96	190.58	79.08	63.70	-15.38	yes	yes	no
142863	W 39TH ST	W 39TH ST	yes	33.11	40.42	51.35	7.31	18.24	10.94	yes	yes	yes
142866	S HILL ST	S HILL ST	yes	634.68	1,010.45	869.50	375.77	234.82	-140.95	yes	yes	no
142867	S BROADWAY	S BROADWAY	yes	664.79	1,212.11	1,160.02	547.32	495.23	-52.09	yes	yes	no
142868	BROADWAY PL	BROADWAY PL	yes	2,224.46	4,323.81	4,235.35	2,099.35	2,010.89	-88.46	yes	yes	no
142869	S BROADWAY	S BROADWAY	yes	664.82	1,212.11	1,160.03	547.29	495.21	-52.08	yes	yes	no
143139	HUGHES AVE	HUGHES AVE	yes	204.78	339.57	278.98	134.80	74.20	-60.60	yes	yes	no
143140	HUGHES AVE	HUGHES AVE	yes	162.06	283.29	235.70	121.23	73.64	-47.59	yes	yes	no
143141	EXPOSITION BLVD	EXPOSITION BLVD	yes	100.50	174.27	140.53	73.78	40.04	-33.74	yes	yes	no
143142	VENICE BLVD	VENICE BLVD	yes	6.58	9.08	9.84	2.50	3.26	0.76	yes	yes	no
143143	VENICE BLVD	VENICE BLVD	yes	53.25	69.75	53.08	16.50	-0.17	-16.67	yes	no	no
143145	STANWOOD DR	STANWOOD DR	yes	17.60	21.45	23.67	3.85	6.06	2.21	yes	yes	yes
143146	SAWTELLE BLVD	SAWTELLE BLVD	yes	184.41	245.54	218.75	61.13	34.35	-26.79	yes	yes	no
143156	CATTARAUGUS AVE	CATTARAUGUS AVE	yes	9.51	13.75	14.46	4.24	4.95	0.71	yes	yes	no
143157	WASHINGTON BLVD	WASHINGTON BLVD	yes	18.75	22.48	17.92	3.72	-0.83	-4.55	yes	no	no
143586	ALLA RD	ALLA RD	yes	24.34	30.34	25.38	6.00	1.03	-4.96	yes	yes	no
143587	ALLA RD	ALLA RD	yes	27.83	32.84	27.24	5.01	-0.59	-5.60	yes	no	no
143590	MINDANAO WAY	MINDANAO WAY	yes	57.98	75.52	70.50	17.55	12.53	-5.02	yes	yes	no
143591	CALIFORNIA AVE	CALIFORNIA AVE	yes	2.74	10.74	9.55	8.00	6.81	-1.19	yes	yes	no
143592	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	76.85	84.06	62.52	7.21	-14.33	-21.54	yes	no	no
143593	WINDWARD CIR	WINDWARD CIR	yes	959.47	1,436.95	1,377.52	477.48	418.05	-59.42	yes	yes	no
143594	WINDWARD CIR	WINDWARD CIR	yes	0.00	7.89	6.80	7.89	6.80	-1.09	yes	yes	no
143596	WINDWARD AVE	WINDWARD AVE	yes	2,502.52	3,638.40	3,042.90	1,135.88	540.38	-595.50	yes	yes	no
143597	WINDWARD AVE	WINDWARD AVE	yes	1,543.14	2,201.49	1,665.42	658.35	122.28	-536.07	yes	yes	no
143598	MAIN ST	MAIN ST	yes	2,307.56	3,064.97	2,436.42	757.40	128.86	-628.55	yes	yes	no
143599	WINDWARD AVE	WINDWARD AVE	yes	959.38	1,436.91	1,165.69	477.53	206.31	-271.22	yes	yes	no
143608	RIALTO AVE	RIALTO AVE	yes	4.06	8.03	6.93	3.97	2.87	-1.10	yes	yes	no
143609	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	87.22	100.51	76.26	13.29	-10.96	-24.25	yes	no	no
143613	GRAND BLVD	GRAND BLVD	yes	0.00	7.89	6.80	7.89	6.80	-1.09	yes	yes	no
143621	BRISTOL PKY	BRISTOL PKY	yes	6.10	7.75	6.97	1.65	0.87	-0.78	yes	no	no
143622	BRISTOL PKY	BRISTOL PKY	yes	1.02	9.05	7.33	8.03	6.31	-1.72	yes	yes	no
143626	MACHADO RD	MACHADO RD	yes	0.04	11.96	11.47	11.91	11.42	-0.49	yes	yes	no
143627	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,718.98	2,663.21	2,097.35	944.23	378.37	-565.86	yes	yes	no
143628	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	485.74	713.63	576.32	227.89	90.58	-137.31	yes	yes	no
143630	WILL ROGERS ST	WILL ROGERS ST	yes	1,076.73	2,816.30	1,840.17	1,739.58	763.44	-976.13	yes	yes	no
143632	WILEY POST AVE	WILEY POST AVE	yes	1,261.99	2,982.16	1,995.16	1,720.17	733.16	-987.00	yes	yes	no
143633	WESTCHESTER PKY	WESTCHESTER PKY	yes	3,797.51	6,282.27	4,835.69	2,484.75	1,038.18	-1,446.58	yes	yes	no
143634	WESTCHESTER PKY	WESTCHESTER PKY	yes	2,910.49	3,625.63	3,103.70	715.13	193.20	-521.93	yes	yes	no
143648	S MAIN ST	S MAIN ST	yes	27.38	80.56	76.79	53.18	49.41	-3.77	yes	yes	no
143649	W COLDEN AVE	W COLDEN AVE	yes	637.81	1,005.95	891.90	368.14	254.09	-114.05	yes	yes	no
143650	W COLDEN AVE	W COLDEN AVE	yes	638.18	999.16	885.53	360.98	247.35	-113.63	yes	yes	no
143651	W COLDEN AVE	W COLDEN AVE	yes	97.59	235.10	250.65	137.51	153.06	15.55	yes	yes	yes
143656	S BROADWAY	S BROADWAY	yes	65.73	123.78	118.08	58.05	52.36	-5.70	yes	yes	no
143657	S BROADWAY	S BROADWAY	yes	896.60	1,952.16	1,699.00	1,055.56	802.40	-253.16	yes	yes	no
143658	W 92ND ST	W 92ND ST	yes	1,337.65	3,575.74	2,915.24	2,238.09	1,577.59	-660.50	yes	yes	no
143665	S GREVILLEA AVE	S GREVILLEA AVE	yes	12.83	45.67	274.38	32.84	261.55	228.71	yes	yes	yes
143666	S GREVILLEA AVE	S GREVILLEA AVE	yes	1,175.88	2,021.49	1,664.35	845.61	488.47	-357.14	yes	yes	no
143668	S GREVILLEA AVE	S GREVILLEA AVE	yes	1,919.35	2,708.15	1,419.57	788.80	-499.78	-1,288.58	yes	no	no
143669	W CENTURY BLVD	W CENTURY BLVD	yes	9,721.14	21,593.66	21,449.60	11,872.52	11,728.46	-144.06	yes	yes	no
143673	UNKNOWN	UNKNOWN	yes	2.77	6.31	9.10	3.55	6.33	2.78	yes	yes	yes
143675	0	0	0	3,796.06	5,265.82	4,897.64	1,469.76	1,101.58	-368.18	yes	yes	no
143677	N NASH ST	N NASH ST	yes	4,425.80	6,538.56	5,906.64	2,112.76	1,480.84	-631.92	yes	yes	no
143678	N DOUGLAS ST	N DOUGLAS ST	yes	949.05	1,399.12	1,404.84	450.07	455.79	5.72	yes	yes	yes
143679	W COLDEN AVE	W COLDEN AVE	yes	443.66	462.40	382.88	18.74	-60.77	-79.52	yes	no	no
143680	S VERMONT AVE	S VERMONT AVE	yes	582.58	613.84	411.76	31.26	-170.82	-202.09	yes	no	no
143681	S VERMONT AVE	S VERMONT AVE	yes	107.86	163.26	147.47	55.40	39.61	-15.79	yes	yes	no
143682	S HOOVER ST	S HOOVER ST	yes	26.02	28.84	27.25	2.83	1.23	-1.60	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
143683	S FIGUEROA ST	S FIGUEROA ST	yes	902.21	1,506.94	1,272.07	604.74	369.86	-234.88	yes	yes	no
143684	S MAIN ST	S MAIN ST	yes	8.08	32.82	50.44	24.73	42.35	17.62	yes	yes	yes
143693	BIRCH AVE	BIRCH AVE	yes	305.97	512.41	502.49	206.44	196.52	-9.92	yes	yes	no
143694	W 120TH ST	W 120TH ST	yes	138.31	280.98	366.89	142.67	228.57	85.91	yes	yes	yes
143695	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	869.58	1,429.33	1,509.46	559.75	639.88	80.13	yes	yes	yes
143710	W ROSECRANS AVE	W ROSECRANS AVE	yes	631.13	854.86	773.27	223.73	142.14	-81.59	yes	yes	no
143711	PACIFIC AVE	PACIFIC AVE	yes	332.22	479.19	438.50	146.96	106.28	-40.68	yes	yes	no
145948	S VERMONT AVE	S VERMONT AVE	yes	284.51	384.20	345.49	99.69	60.98	-38.71	yes	yes	no
145951	S VERMONT AVE	S VERMONT AVE	yes	329.19	446.29	403.59	117.09	74.39	-42.70	yes	yes	no
145952	37TH PL	37TH PL	yes	44.68	62.09	58.10	17.40	13.41	-3.99	yes	yes	no
145990	29th St	29th St	yes	57.67	92.25	84.74	34.58	27.07	-7.51	yes	yes	no
145991	ARLINGTON AVE	ARLINGTON AVE	yes	103.78	132.96	148.92	29.18	45.14	15.96	yes	yes	yes
146001	MOTOR AVE	MOTOR AVE	yes	135.15	213.47	196.85	78.32	61.70	-16.62	yes	yes	no
146008	VENICE BLVD	VENICE BLVD	yes	2.99	6.52	3.96	3.53	0.97	-2.56	yes	no	no
146009	VENICE BLVD	VENICE BLVD	yes	68.15	118.10	94.59	49.95	26.45	-23.51	yes	yes	no
146010	BAGLEY AVE	BAGLEY AVE	yes	53.17	66.04	52.43	12.87	-0.74	-13.61	yes	no	no
146011	BAGLEY AVE	BAGLEY AVE	yes	118.08	179.56	153.43	61.48	35.35	-26.13	yes	yes	no
146012	NATIONAL BLVD	NATIONAL BLVD	yes	9.43	12.68	14.06	3.25	4.62	1.37	yes	yes	yes
146013	HIGUERA ST	HIGUERA ST	yes	110.63	143.72	143.31	33.08	32.68	-0.40	yes	yes	no
146015	CRENSHAW BLVD	CRENSHAW BLVD	yes	4,023.80	6,900.02	5,799.49	2,876.22	1,775.69	-1,100.53	yes	yes	no
146017	W 39TH ST	W 39TH ST	yes	16.41	263.01	190.13	246.61	173.72	-72.89	yes	yes	no
146019	MARLTON AVE	MARLTON AVE	yes	182.43	503.56	405.09	321.14	222.67	-98.47	yes	yes	no
146020	STOCKER ST	STOCKER ST	yes	348.91	365.12	291.27	16.21	-57.65	-73.85	yes	no	no
146022	LEIMERT BLVD	LEIMERT BLVD	yes	1,885.13	2,279.41	1,860.83	394.28	-24.30	-418.58	yes	no	no
146024	CRENSHAW BLVD	CRENSHAW BLVD	yes	53.02	93.95	89.35	40.93	36.32	-4.61	yes	yes	no
146025	LEIMERT BLVD	LEIMERT BLVD	yes	1,897.90	2,297.87	1,881.14	399.97	-16.76	-416.73	yes	no	no
146026	CRENSHAW BLVD	CRENSHAW BLVD	yes	55.18	93.95	89.96	38.77	34.77	-3.99	yes	yes	no
146028	W VERNON AVE	W VERNON AVE	yes	32.30	81.30	72.19	49.01	39.89	-9.11	yes	yes	no
146032	COLISEUM ST	COLISEUM ST	yes	129.04	162.61	152.31	33.57	23.26	-10.31	yes	yes	no
146049	OVERLAND AVE	OVERLAND AVE	yes	982.82	1,481.53	1,235.43	498.71	252.62	-246.09	yes	yes	no
146050	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	391.70	579.37	496.44	187.66	104.74	-82.93	yes	yes	no
146051	CHARNOCK RD	CHARNOCK RD	yes	18.63	24.89	23.29	6.26	4.66	-1.60	yes	yes	no
146052	BRADDOCK DR	BRADDOCK DR	yes	26.09	32.42	28.92	6.34	2.83	-3.50	yes	yes	no
146053	DUQUESNE AVE	DUQUESNE AVE	yes	29.80	51.80	42.78	21.99	12.97	-9.02	yes	yes	no
146054	BRADDOCK DR	BRADDOCK DR	yes	26.56	83.43	57.78	56.88	31.22	-25.66	yes	yes	no
146055	OVERLAND AVE	OVERLAND AVE	yes	2,173.37	3,360.17	2,666.39	1,186.81	493.02	-693.78	yes	yes	no
146058	BRADDOCK DR	BRADDOCK DR	yes	31.33	88.98	62.59	57.66	31.26	-26.39	yes	yes	no
146066	HIGUERA ST	HIGUERA ST	yes	8.83	10.11	14.61	1.28	5.78	4.50	yes	yes	yes
146067	HAYDEN AVE	HAYDEN AVE	yes	74.79	102.21	95.45	27.41	20.66	-6.76	yes	yes	no
146073	14TH ST	14TH ST	yes	47.67	64.92	58.30	17.26	10.63	-6.63	yes	yes	no
153221	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	928.85	1,130.73	905.26	201.88	-23.59	-225.47	yes	no	no
153222	S VAN NESS AVE	S VAN NESS AVE	yes	995.08	1,208.01	1,020.16	212.92	25.07	-187.85	yes	yes	no
153223	S WESTERN AVE	S WESTERN AVE	yes	1,032.10	1,280.64	1,096.58	248.54	64.48	-184.06	yes	yes	no
153224	W 39TH PL	W 39TH PL	yes	995.08	1,208.01	1,020.16	212.92	25.07	-187.85	yes	yes	no
153225	SOUTHWEST DR	SOUTHWEST DR	yes	1,542.87	2,599.50	2,700.53	1,056.63	1,157.67	101.03	yes	yes	yes
153226	8TH AVE	8TH AVE	yes	5.57	98.01	428.75	92.44	330.74	330.74	yes	yes	yes
153227	RODEO PL	RODEO PL	yes	411.11	795.87	574.08	384.77	162.97	-221.79	yes	yes	no
153229	COLISEUM ST	COLISEUM ST	yes	7.45	17.64	18.84	10.20	11.39	1.20	yes	yes	yes
153234	W CENTINELA AVE	W CENTINELA AVE	yes	2,280.72	3,828.81	2,299.65	1,548.08	18.93	-1,529.15	yes	yes	no
153236	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,588.74	2,674.29	1,406.91	1,085.55	-181.83	-1,267.38	yes	no	no
153237	MESMER AVE	MESMER AVE	yes	1,582.90	2,682.62	1,411.67	1,099.73	-171.23	-1,270.95	yes	no	no
153238	E FLORENCE AVE	E FLORENCE AVE	yes	5,894.27	11,163.64	9,624.53	5,269.36	3,730.25	-1,539.11	yes	yes	no
153240	N HILLCREST BLVD	N HILLCREST BLVD	yes	383.36	1,300.28	3,002.33	916.92	2,618.97	1,702.05	yes	yes	yes
153242	N PRAIRIE AVE	N PRAIRIE AVE	yes	314.76	1,216.71	2,801.63	901.94	2,486.86	1,584.92	yes	yes	yes
153243	E REGENT ST	E REGENT ST	yes	362.85	1,274.70	2,854.52	911.85	2,491.66	1,579.82	yes	yes	yes
153282	CALIFORNIA ST	CALIFORNIA ST	yes	128.26	1,059.87	1,256.88	931.61	1,128.62	197.01	yes	yes	yes
153283	N HIGHLAND AVE	N HIGHLAND AVE	yes	442.97	594.20	514.32	151.23	71.35	-79.88	yes	yes	no
1634629	W 120TH ST	W 120TH ST	yes	224.08	381.01	375.78	156.92	151.69	-5.23	yes	yes	no
1642742	SANTA MONICA FWY	SANTA MONICA FWY	yes	47.89	57.07	51.33	9.19	3.44	-5.75	yes	yes	no
1642743	SANTA MONICA FWY	SANTA MONICA FWY	yes	47.89	57.07	51.33	9.19	3.44	-5.75	yes	yes	no
1642869			0 yes	7,553.73	10,375.76	8,692.37	2,822.03	1,138.64	-1,683.39	yes	yes	no
1643006	LA TIJERA BLVD	LA TIJERA BLVD	yes	299.92	475.03	400.11	175.11	100.19	-74.92	yes	yes	no
1643007	WESTCHESTER PKY	WESTCHESTER PKY	yes	1,173.08	1,669.63	1,637.07	496.55	464.00	-32.56	yes	yes	no
1643008	LA TIJERA BLVD	LA TIJERA BLVD	yes	297.76	386.72	350.45	88.95	52.69	-36.26	yes	yes	no
1643009	W CENTURY BLVD	W CENTURY BLVD	yes	20,911.05	32,233.97	22,658.27	11,322.91	1,747.21	-9,575.70	yes	yes	no
1643010			0 yes	22,442.63	27,073.74	20,898.78	4,631.12	-1,543.85	-6,174.96	yes	no	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
1643013	0	0	yes	128.85	133.78	87.12	4.93	-41.73	-46.66	yes	no	no
1643014	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	210.12	355.00	395.05	144.89	184.94	40.05	yes	yes	yes
1643015	W 108TH ST	W 108TH ST	yes	17.00	29.65	17.39	12.65	0.39	-12.26	yes	no	no
1643016	S OLIVE ST	S OLIVE ST	yes	2.03	26.64	48.86	24.62	46.83	22.21	yes	yes	yes
1643017	S OLIVE ST	S OLIVE ST	yes	1.63	6.64	7.59	5.01	5.95	0.95	yes	yes	no
1643018	HARBOR FWY	HARBOR FWY	yes	0.39	20.00	41.27	19.61	40.88	21.26	yes	yes	yes
1643019	0	0	yes	0.39	20.00	41.27	19.61	40.88	21.26	yes	yes	yes
1643156	S FLOWER ST	S FLOWER ST	yes	625.33	883.52	713.62	258.19	88.29	-169.90	yes	yes	no
1643160	W ADAMS BLVD	W ADAMS BLVD	yes	82.57	88.59	78.24	6.02	-4.33	-10.35	yes	no	no
1643357	SKY WAY	SKY WAY	yes	0.00	522.44	0.00	522.44	0.00	-522.44	yes	no	no
1643358	0	0	yes	892.87	1,312.73	885.57	419.86	-7.31	-427.17	yes	no	no
1643367	SKY WAY	SKY WAY	yes	13,917.75	18,781.54	13,242.23	4,863.79	-675.52	-5,539.31	yes	no	no
1643368	CENTER WAY N	CENTER WAY N	yes	25,103.35	34,512.27	24,041.74	9,408.92	-1,061.61	-10,470.52	yes	no	no
1643371	CENTER WAY S	CENTER WAY S	yes	36,231.35	52,462.42	35,563.20	16,231.07	-668.15	-16,899.22	yes	no	no
1643372	CENTER WAY S	CENTER WAY S	yes	50,149.10	70,721.52	48,805.43	20,572.42	-1,343.67	-21,916.09	yes	no	no
1645509	0	0	yes	424.25	578.58	527.84	154.33	103.58	-50.74	yes	yes	no
1645527	0	0	yes	32.40	42.87	39.32	10.48	6.92	-3.56	yes	yes	no
1645537	0	0	yes	144.84	198.90	181.82	54.06	36.97	-17.09	yes	yes	no
1645627	0	0	yes	1,611.27	2,218.87	2,031.16	607.59	419.89	-187.70	yes	yes	no
1645628	0	0	yes	1,532.87	2,092.89	1,918.12	560.02	385.25	-174.77	yes	yes	no
1645638	0	0	yes	76.47	98.27	88.75	21.81	12.29	-9.52	yes	yes	no
1645647	0	0	yes	121.51	131.54	114.97	10.03	-6.55	-16.57	yes	no	no
1645648	0	0	yes	480.72	657.17	569.65	176.45	88.93	-87.52	yes	yes	no
1645649	0	0	yes	211.48	264.00	273.47	52.52	61.99	9.47	yes	yes	yes
1645650	0	0	yes	0.13	1.18	0.66	1.05	0.53	-0.52	yes	no	no
1645654	0	0	yes	70.86	89.23	75.80	18.36	4.94	-13.43	yes	yes	no
1645655	0	0	yes	81.20	100.13	85.26	18.94	4.06	-14.87	yes	yes	no
1645664	0	0	yes	33.77	39.87	31.69	6.10	-2.08	-8.18	yes	no	no
1645673	0	0	yes	219.30	318.79	273.78	99.48	54.47	-45.01	yes	yes	no
1645679	0	0	yes	10.75	42.31	37.93	31.56	27.18	-4.38	yes	yes	no
1645681	0	0	yes	16.13	49.29	43.25	33.15	27.12	-6.04	yes	yes	no
1645683	0	0	yes	19.26	23.74	22.56	4.48	3.30	-1.18	yes	yes	no
1645689	0	0	yes	54.84	81.14	78.07	26.30	23.23	-3.07	yes	yes	no
1645691	0	0	yes	21.85	30.48	30.99	8.63	9.15	0.51	yes	yes	no
1645692	0	0	yes	784.44	1,062.89	1,020.61	278.46	236.18	-42.28	yes	yes	no
1645697	0	0	yes	22.30	23.52	16.78	1.21	-5.52	-6.73	yes	no	no
1645751	0	0	yes	41.53	56.70	51.59	15.16	10.06	-5.10	yes	yes	no
1645754	0	0	yes	38.00	49.45	45.06	11.45	7.05	-4.39	yes	yes	no
1645763	0	0	yes	466.89	724.50	653.72	257.61	186.83	-70.78	yes	yes	no
1645787	0	0	yes	31.52	44.23	40.56	12.72	9.04	-3.68	yes	yes	no
1645843	0	0	yes	34.90	43.77	37.34	8.87	2.44	-6.43	yes	yes	no
1645891	0	0	yes	7.13	8.99	8.01	1.86	0.88	-0.98	yes	no	no
1645978	0	0	yes	1.49	7.00	6.38	5.51	4.89	-0.62	yes	yes	no
1645979	0	0	yes	13.92	19.84	15.95	5.92	2.03	-3.89	yes	yes	no
1645985	0	0	yes	24.11	28.60	26.13	4.49	2.02	-2.47	yes	yes	no
1645987	0	0	yes	29.50	39.24	35.47	9.74	5.97	-3.77	yes	yes	no
1646012	0	0	yes	2.44	5.23	4.63	2.79	2.19	-0.60	yes	yes	no
1646031	0	0	yes	74.29	104.86	103.34	30.57	29.04	-1.53	yes	yes	no
1646033	0	0	yes	62.19	80.82	61.06	18.63	-1.13	-19.76	yes	no	no
1646036	0	0	yes	36.40	45.83	41.31	9.42	4.91	-4.51	yes	yes	no
1646037	0	0	yes	938.80	1,267.30	1,168.93	328.50	230.13	-98.37	yes	yes	no
1646039	0	0	yes	76.32	102.05	89.87	25.72	13.55	-12.17	yes	yes	no
1646207	0	0	yes	3.70	4.72	4.29	1.02	0.59	-0.43	yes	no	no
1646312	0	0	yes	22.59	29.19	24.09	6.60	1.51	-5.10	yes	yes	no
1646313	0	0	yes	6.33	7.58	6.01	1.25	-0.32	-1.56	yes	no	no
1646316	0	0	yes	110.63	149.36	137.42	38.74	26.79	-11.94	yes	yes	no
1646332	0	0	yes	22.17	25.28	24.79	3.11	2.62	-0.49	yes	yes	no
1646336	0	0	yes	90.24	124.96	115.61	34.72	25.37	-9.35	yes	yes	no
1646337	0	0	yes	14.72	19.31	19.53	4.58	4.81	0.22	yes	yes	no
1646368	0	0	yes	12.36	15.78	13.60	3.42	1.24	-2.18	yes	yes	no
1646375	0	0	yes	25.09	35.10	30.38	10.01	5.29	-4.72	yes	yes	no
1646376	0	0	yes	122.27	163.93	149.57	41.66	27.30	-14.36	yes	yes	no
1646378	0	0	yes	5.81	7.07	8.46	1.26	2.65	1.38	yes	yes	yes
1646386	0	0	yes	30.19	39.53	34.62	9.35	4.43	-4.92	yes	yes	no
1646387	0	0	yes	6.98	13.00	13.72	6.01	6.74	0.73	yes	yes	no
1646389	0	0	yes	6.62	8.12	7.13	1.51	0.52	-0.99	yes	no	no

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	2024 BASE	2024 WLAMP			2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
1646410	0		0 yes	467.71	633.13	580.07	165.43	112.36	-53.07	yes	yes	no	
1646418	0		0 yes	257.76	349.77	322.89	92.01	65.13	-26.88	yes	yes	no	
1646424	0		0 yes	8.65	10.56	8.91	1.90	0.25	-1.65	yes	no	no	
1646430	0		0 yes	124.57	168.50	152.65	43.92	28.08	-15.84	yes	yes	no	
1646431	0		0 yes	41.73	57.68	51.38	15.95	9.65	-6.29	yes	yes	no	
1646433	0		0 yes	1.49	3.12	2.92	1.63	1.43	-0.20	yes	yes	no	
1646437	0		0 yes	42.61	49.38	43.58	6.76	0.97	-5.80	yes	no	no	
1646441	0		0 yes	36.01	47.96	44.88	11.95	8.88	-3.07	yes	yes	no	
1646513	0		0 yes	7.46	9.11	7.45	1.65	-0.01	-1.66	yes	no	no	
1646524	0		0 yes	57.62	80.93	72.81	23.32	15.19	-8.12	yes	yes	no	
1646533	0		0 yes	58.26	78.93	71.48	20.67	13.22	-7.45	yes	yes	no	
1646552	0		0 yes	11.80	15.48	12.66	3.67	0.86	-2.81	yes	no	no	
1646559	0		0 yes	11.16	14.31	12.99	3.15	1.83	-1.32	yes	yes	no	
1646566	0		0 yes	3.23	7.54	7.19	4.30	3.95	-0.35	yes	yes	no	
1646630	0		0 yes	5.65	7.10	6.60	1.46	0.96	-0.50	yes	no	no	
1646631	0		0 yes	808.90	1,130.92	1,047.60	322.02	238.70	-83.32	yes	yes	no	
1646635	0		0 yes	75.35	82.36	76.50	7.01	1.15	-5.86	yes	yes	no	
1646638	0		0 yes	25.81	34.61	33.50	8.80	7.69	-1.11	yes	yes	no	
1646647	0		0 yes	78.72	126.98	110.11	48.25	31.39	-16.87	yes	yes	no	
1646662	0		0 yes	17.51	24.96	23.33	7.45	5.82	-1.63	yes	yes	no	
1646664	0		0 yes	14.17	19.54	18.28	5.37	4.11	-1.26	yes	yes	no	
1646667	0		0 yes	27.19	37.14	32.80	9.95	5.61	-4.34	yes	yes	no	
1646670	0		0 yes	53.05	101.97	87.26	48.93	34.22	-14.71	yes	yes	no	
1646674	0		0 yes	63.83	84.52	78.17	20.70	14.35	-6.35	yes	yes	no	
1646676	0		0 yes	46.21	60.45	54.40	14.24	8.20	-6.05	yes	yes	no	
1646693	0		0 yes	43.92	57.21	49.72	13.30	5.81	-7.49	yes	yes	no	
1646699	0		0 yes	37.99	47.95	42.89	9.96	4.90	-5.06	yes	yes	no	
1646701	0		0 yes	11.47	16.28	13.62	4.81	2.16	-2.65	yes	yes	no	
1646710	0		0 yes	43.22	55.71	49.34	12.49	6.12	-6.36	yes	yes	no	
1646715	0		0 yes	127.42	172.34	158.14	44.92	30.72	-14.20	yes	yes	no	
1646717	0		0 yes	47.69	60.22	53.81	12.53	6.12	-6.41	yes	yes	no	
1646735	0		0 yes	12.55	13.98	15.71	1.44	3.16	1.72	yes	yes	yes	
1646741	0		0 yes	8.42	15.49	8.71	7.07	0.29	-6.78	yes	no	no	
1646743	0		0 yes	17.85	23.82	22.35	5.97	4.50	-1.46	yes	yes	no	
1646746	0		0 yes	30.93	40.70	35.39	9.77	4.46	-5.31	yes	yes	no	
1646753	0		0 yes	20.09	29.03	27.84	8.94	7.75	-1.19	yes	yes	no	
1646763	0		0 yes	2.75	4.83	4.57	2.07	1.82	-0.25	yes	yes	no	
1646772	0		0 yes	74.96	97.63	89.93	22.68	14.97	-7.70	yes	yes	no	
1646774	0		0 yes	1.96	3.40	3.33	1.44	1.37	-0.08	yes	yes	no	
1646775	0		0 yes	4.65	7.40	7.26	2.76	2.61	-0.14	yes	yes	no	
1646776	0		0 yes	41.68	56.43	51.41	14.75	9.73	-5.02	yes	yes	no	
1646781	0		0 yes	7.61	10.76	10.27	3.15	2.66	-0.49	yes	yes	no	
1646782	0		0 yes	43.71	53.21	50.69	9.50	6.98	-2.52	yes	yes	no	
1646796	0		0 yes	73.77	86.55	80.20	12.78	6.42	-6.36	yes	yes	no	
1646808	0		0 yes	0.75	2.14	1.30	1.39	0.55	-0.84	yes	no	no	
1646809	0		0 yes	55.29	76.06	71.54	20.77	16.24	-4.52	yes	yes	no	
1646816	0		0 yes	2.00	6.21	5.66	4.20	3.66	-0.54	yes	yes	no	
1646817	0		0 yes	4.21	7.66	7.31	3.45	3.11	-0.35	yes	yes	no	
1646818	0		0 yes	127.40	172.20	157.40	44.80	30.00	-14.81	yes	yes	no	
1646871	0		0 yes	87.71	112.55	104.90	24.84	17.19	-7.65	yes	yes	no	
1646875	0		0 yes	34.47	47.44	42.97	12.97	8.50	-4.47	yes	yes	no	
1646878	0		0 yes	52.40	72.66	67.90	20.27	15.51	-4.76	yes	yes	no	
1646899	0		0 yes	4.16	6.26	5.59	2.10	1.43	-0.67	yes	yes	no	
1647007	0		0 yes	31.50	42.81	39.35	11.31	7.84	-3.46	yes	yes	no	
1647026	0		0 yes	13.43	14.65	14.24	1.22	0.81	-0.41	yes	no	no	
1647057	0		0 yes	22.66	33.16	29.82	10.50	7.16	-3.34	yes	yes	no	
1647062	0		0 yes	59.00	83.80	79.63	24.80	20.64	-4.16	yes	yes	no	
1647203	0		0 yes	5.45	10.10	10.77	4.65	5.32	0.67	yes	yes	no	
1647204	0		0 yes	259.37	351.57	320.13	92.20	60.76	-31.45	yes	yes	no	
1647216	0		0 yes	71.95	96.45	88.33	24.50	16.37	-8.13	yes	yes	no	
1656219	0		0 yes	105.06	146.19	134.03	41.13	28.97	-12.16	yes	yes	no	
1656266	0		0 yes	9,591.54	12,087.75	10,063.45	2,496.21	471.91	-2,024.30	yes	yes	no	
1656268	0		0 yes	3,115.29	4,544.27	4,311.74	1,428.98	1,196.45	-232.54	yes	yes	no	
1656332	0		0 yes	18,227.73	20,770.15	17,253.71	2,542.43	-974.01	-3,516.44	yes	no	no	
1656333	0		0 yes	98.15	112.83	89.72	14.69	-8.43	-23.12	yes	no	no	
1656334	0		0 yes	8.82	10.74	10.01	1.92	1.19	-0.72	yes	yes	no	

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
1656493	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	3,230.09	4,271.71	5,112.55	1,041.62	1,882.46	840.83	yes	yes	yes
1656494	0	0	yes	9,090.89	9,334.52	9,157.91	243.63	67.02	-176.62	yes	yes	no
1656495	0	0	yes	7,449.77	8,068.44	4,767.44	618.67	-2,682.33	-3,301.00	yes	no	no
1657128	0	0	yes	36.30	1,172.52	320.91	1,136.23	284.62	-851.61	yes	yes	no
1657129	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	2,091.35	3,031.82	4,052.65	940.47	1,961.30	1,020.83	yes	yes	yes
1657131	W ROSECRANS AVE	W ROSECRANS AVE	yes	737.83	2,162.98	1,751.15	1,425.14	1,013.32	-411.82	yes	yes	no
1657132	SAN DIEGO FWY	SAN DIEGO FWY	yes	27,882.11	35,270.97	31,404.33	7,388.86	3,522.21	-3,866.65	yes	yes	no
1657133	0	0	yes	18.99	22.84	20.79	3.86	1.80	-2.05	yes	yes	no
1657381	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	27,225.66	35,870.16	28,512.07	8,644.50	1,286.41	-7,358.09	yes	yes	no
1657383	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	34,512.65	42,218.66	36,835.11	7,706.01	2,322.45	-5,383.56	yes	yes	no
1657384	CRENSHAW BLVD	CRENSHAW BLVD	yes	95.94	108.56	73.81	12.62	-22.13	-34.76	yes	no	no
1657385	0	0	yes	201.73	216.22	142.25	14.49	-59.47	-73.96	yes	no	no
1657600	W MANCHESTER AVE	W MANCHESTER AVE	yes	344.98	772.71	751.11	427.73	406.13	-21.60	yes	yes	no
1657601	HARBOR FWY	HARBOR FWY	yes	5,282.73	7,206.14	5,848.75	1,923.41	566.02	-1,357.39	yes	yes	no
1657602	0	0	yes	12.73	181.02	163.20	168.29	150.47	-17.82	yes	yes	no
1657915	SANTA MONICA FWY	SANTA MONICA FWY	yes	958.00	1,430.14	1,731.16	472.14	773.16	301.02	yes	yes	yes
1657916	S BUNDY DR	S BUNDY DR	yes	480.57	761.18	622.69	280.60	142.12	-138.49	yes	yes	no
1657917	0	0	yes	6.60	9.48	10.16	2.88	3.55	0.68	yes	yes	no
1657929	0	0	yes	1,007.30	1,746.85	1,731.56	739.54	724.26	-15.28	yes	yes	no
1658432	0	0	yes	49.13	76.73	71.22	27.60	22.09	-5.51	yes	yes	no
2658685	0	0	yes	70,699.44	104,277.76	69,984.35	33,578.31	-715.09	-34,293.41	yes	no	no
2658688	0	0	yes	67,427.06	95,403.97	74,554.57	27,976.90	7,127.51	-20,849.40	yes	yes	no
2658689	0	0	yes	32,964.05	48,361.48	33,690.91	15,397.43	726.86	-14,670.57	yes	yes	no
2661426	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,132.82	1,370.29	1,327.60	237.48	194.78	-42.70	yes	yes	no
2661427	SAN DIEGO FWY	SAN DIEGO FWY	yes	1,019.50	1,422.54	1,318.11	403.04	298.61	-104.43	yes	yes	no
2661428	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,231.07	3,863.92	5,120.89	1,632.84	2,889.81	1,256.97	yes	yes	yes
2661429	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,231.07	3,863.92	5,120.89	1,632.84	2,889.81	1,256.97	yes	yes	yes
2662708	E ARBOR VITAE ST	E ARBOR VITAE ST	yes	430.37	712.74	1,489.74	282.37	1,059.36	777.00	yes	yes	yes
2663166	MINDANAO WAY	MINDANAO WAY	yes	55.52	72.11	63.97	16.59	8.45	-8.14	yes	yes	no
2663167	LINCOLN BLVD	LINCOLN BLVD	yes	7,484.75	9,690.61	8,314.31	2,205.87	829.56	-1,376.30	yes	yes	no
2663168	ADMIRALTY WAY	ADMIRALTY WAY	yes	3,463.04	4,822.33	4,101.54	1,359.29	638.50	-720.79	yes	yes	no
2663291	S VENICE BLVD	S VENICE BLVD	yes	85.51	129.89	115.68	44.38	30.17	-14.21	yes	yes	no
2663292	DELL AVE	DELL AVE	yes	229.79	345.96	319.01	116.17	89.22	-26.95	yes	yes	no
2663293	N VENICE BLVD	N VENICE BLVD	yes	338.00	454.33	358.78	116.32	20.78	-95.55	yes	yes	no
2663294	DELL AVE	DELL AVE	yes	225.95	341.03	314.86	115.08	88.91	-26.17	yes	yes	no
2663295	DELL AVE	DELL AVE	yes	225.28	339.91	313.86	114.63	88.58	-26.05	yes	yes	no
2663296	DELL AVE	DELL AVE	yes	225.28	339.91	313.86	114.63	88.58	-26.05	yes	yes	no
2663297	DELL AVE	DELL AVE	yes	225.28	339.91	313.86	114.63	88.58	-26.05	yes	yes	no
2663298	DELL AVE	DELL AVE	yes	225.28	339.91	313.86	114.63	88.58	-26.05	yes	yes	no
2663299	DELL AVE	DELL AVE	yes	225.28	339.91	313.86	114.63	88.58	-26.05	yes	yes	no
2663300	DELL AVE	DELL AVE	yes	229.79	345.96	319.01	116.17	89.22	-26.95	yes	yes	no
2663326	S FIGUEROA ST	S FIGUEROA ST	yes	30.59	115.45	110.21	84.87	79.63	-5.24	yes	yes	no
2663569	SANTA MONICA FWY	SANTA MONICA FWY	yes	17.30	29.38	25.27	12.09	7.97	-4.12	yes	yes	no
2663570	SANTA MONICA FWY	SANTA MONICA FWY	yes	133.41	186.08	158.58	52.68	25.17	-27.50	yes	yes	no
2663571	SANTA MONICA FWY	SANTA MONICA FWY	yes	47.88	57.07	51.33	9.19	3.45	-5.75	yes	yes	no
2664280	LINCOLN BLVD	LINCOLN BLVD	yes	13,390.75	18,267.95	15,637.44	4,877.21	2,246.69	-2,630.52	yes	yes	no
2665241	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	890.27	1,446.42	1,053.49	556.15	163.22	-392.93	yes	yes	no
2665242	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	890.27	1,446.42	1,053.49	556.15	163.22	-392.93	yes	yes	no
2665246	S FIGUEROA ST	S FIGUEROA ST	yes	27.41	86.76	78.46	59.35	51.05	-8.30	yes	yes	no
2665247	S FIGUEROA ST	S FIGUEROA ST	yes	27.41	86.76	78.46	59.35	51.05	-8.30	yes	yes	no
2665829	I 105 HOV	I 105 HOV	yes	5,315.43	7,084.64	6,435.14	1,769.21	1,119.71	-649.50	yes	yes	no
2665830	I 105 HOV	I 105 HOV	yes	7,125.74	8,826.10	8,854.25	1,700.36	1,728.51	28.14	yes	yes	yes
2665831	I 105 HOV	I 105 HOV	yes	7,138.84	8,944.88	8,999.68	1,806.04	1,860.84	54.80	yes	yes	yes
2665832	0	0	yes	14.32	120.40	146.54	106.08	132.23	26.15	yes	yes	yes
2665833	I 105 HOV	I 105 HOV	yes	5,315.43	7,084.64	6,435.14	1,769.21	1,119.71	-649.50	yes	yes	no
2665835	I 105 HOV	I 105 HOV	yes	7,128.76	8,924.49	8,980.74	1,795.73	1,851.98	56.25	yes	yes	yes
2665837	I 105 HOV	I 105 HOV	yes	5,110.72	6,948.75	6,449.29	1,838.03	1,338.57	-499.46	yes	yes	no
2665981	I 405 HOV	I 405 HOV	yes	8,297.29	11,589.61	11,312.96	3,292.32	3,015.66	-276.65	yes	yes	no
2665982	I 405 HOV	I 405 HOV	yes	1,233.91	2,039.48	2,100.52	805.57	866.62	61.04	yes	yes	yes
2666187	I 110 HOV	I 110 HOV	yes	460.13	710.90	717.75	250.77	257.62	6.85	yes	yes	yes
2666189	I 110 HOV	I 110 HOV	yes	324.42	431.80	434.81	107.38	110.39	3.02	yes	yes	yes
2666354	OVERLAND AVE	OVERLAND AVE	yes	919.09	1,390.42	1,150.26	471.33	231.17	-240.16	yes	yes	no
2666355	SANTA MONICA FWY	SANTA MONICA FWY	yes	141.18	195.98	166.32	54.79	25.13	-29.66	yes	yes	no
2666410	I 110 HOV	I 110 HOV	yes	92.41	158.10	158.94	65.69	66.53	0.84	yes	yes	no
2666411	I 110 HOV	I 110 HOV	yes	81.92	143.40	144.76	61.48	62.84	1.36	yes	yes	yes
2666412	I 110 HOV	I 110 HOV	yes	10.49	14.70	14.18	4.21	3.69	-0.52	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2666415	I 110 HOV	I 110 HOV	yes	197.70	249.15	250.70	51.44	52.99	1.55	yes	yes	yes
2666417	I 110 HOV	I 110 HOV	yes	102.77	146.04	145.30	43.27	42.53	-0.74	yes	yes	no
2666427	I 110 HOV	I 110 HOV	yes	197.70	249.15	250.70	51.44	52.99	1.55	yes	yes	yes
2666429	I 110 HOV	I 110 HOV	yes	102.77	146.04	145.30	43.27	42.53	-0.74	yes	yes	no
2666431	I 110 HOV	I 110 HOV	yes	324.11	431.36	434.35	107.25	110.24	2.99	yes	yes	yes
2666433	I 110 HOV	I 110 HOV	yes	460.13	710.90	717.75	250.77	257.62	6.85	yes	yes	yes
2666435	I 110 HOV	I 110 HOV	yes	324.42	431.80	434.81	107.38	110.39	3.02	yes	yes	yes
2666437	I 110 HOV	I 110 HOV	yes	468.22	720.83	726.49	252.61	258.27	5.66	yes	yes	yes
2666447	I 110 HOV	I 110 HOV	yes	468.22	720.83	726.49	252.61	258.27	5.66	yes	yes	yes
2666458	I 110 HOV	I 110 HOV	yes	92.41	158.10	158.94	65.69	66.53	0.84	yes	yes	no
2666459	I 110 HOV	I 110 HOV	yes	197.70	249.15	250.70	51.44	52.99	1.55	yes	yes	yes
2666460	I 110 HOV	I 110 HOV	yes	102.77	146.04	145.30	43.27	42.53	-0.74	yes	yes	no
2666461	I 110 HOV	I 110 HOV	yes	102.77	146.04	145.30	43.27	42.53	-0.74	yes	yes	no
2667161	OLYMPIC BLVD	OLYMPIC BLVD	yes	14.48	17.88	17.02	3.41	2.54	-0.87	yes	yes	no
2667167	S PICO PL	S PICO PL	yes	5.03	6.23	5.57	1.20	0.54	-0.66	yes	no	no
2667173	KANSAS AVE	KANSAS AVE	yes	8.26	12.58	9.84	4.32	1.58	-2.74	yes	yes	no
2667174	KANSAS AVE	KANSAS AVE	yes	13.45	18.52	15.00	5.08	1.56	-3.52	yes	yes	no
2667177	0	0	0 yes	3.02	4.24	3.82	1.23	0.80	-0.42	yes	no	no
2667179	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	221.43	295.67	251.91	74.24	30.48	-43.76	yes	yes	no
2667180	S CENTINELA AVE	S CENTINELA AVE	yes	39.39	59.98	55.98	20.59	16.59	-4.00	yes	yes	no
2667181	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	3.19	7.90	5.52	4.71	2.32	-2.38	yes	yes	no
2667182	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	16.18	21.23	15.66	5.05	-0.51	-5.56	yes	no	no
2667184	0	0	0 yes	14.67	18.86	16.79	4.20	2.13	-2.07	yes	yes	no
2667185	0	0	0 yes	2.09	3.96	3.27	1.88	1.19	-0.69	yes	yes	no
2667188	0	0	0 yes	23.64	31.31	27.37	7.68	3.74	-3.94	yes	yes	no
2667190	0	0	0 yes	17.56	23.10	20.25	5.55	2.70	-2.85	yes	yes	no
2667193	0	0	0 yes	19.32	23.79	21.13	4.47	1.81	-2.66	yes	yes	no
2667194	0	0	0 yes	0.38	2.02	1.74	1.64	1.36	-0.27	yes	yes	no
2667195	23RD ST	23RD ST	yes	263.17	351.52	302.30	88.35	39.13	-49.22	yes	yes	no
2667196	0	0	0 yes	184.00	252.56	230.81	68.57	46.81	-21.76	yes	yes	no
2667198	S CENTINELA AVE	S CENTINELA AVE	yes	521.16	807.20	656.28	286.05	135.12	-150.93	yes	yes	no
2667200	S CENTINELA AVE	S CENTINELA AVE	yes	544.72	839.43	684.63	294.71	139.91	-154.80	yes	yes	no
2667201	BEETHOVEN ST	BEETHOVEN ST	yes	5.12	8.73	8.88	3.60	3.76	0.15	yes	yes	no
2667203	VENICE BLVD	VENICE BLVD	yes	5.93	11.39	9.21	5.46	3.28	-2.17	yes	yes	no
2667204	0	0	0 yes	5.61	11.68	10.34	6.06	4.72	-1.34	yes	yes	no
2667205	0	0	0 yes	1.98	3.06	2.79	1.09	0.82	-0.27	yes	no	no
2667207	0	0	0 yes	5.19	9.72	7.16	4.53	1.97	-2.55	yes	yes	no
2667209	VENICE BLVD	VENICE BLVD	yes	4.07	5.93	5.67	1.86	1.60	-0.25	yes	yes	no
2667210	0	0	0 yes	4.21	5.97	4.25	1.76	0.04	-1.72	yes	no	no
2667212	0	0	0 yes	9.46	13.34	12.99	3.87	3.53	-0.34	yes	yes	no
2667214	WALGROVE AVE	WALGROVE AVE	yes	457.96	590.68	520.95	132.72	63.00	-69.72	yes	yes	no
2667215	LINCOLN BLVD	LINCOLN BLVD	yes	6,757.07	8,768.43	7,674.49	2,011.36	917.42	-1,093.94	yes	yes	no
2667216	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	95.84	110.80	85.26	14.95	-10.58	-25.54	yes	no	no
2667217	VENICE BLVD	VENICE BLVD	yes	23.01	32.21	27.62	9.20	4.61	-4.59	yes	yes	no
2667218	0	0	0 yes	18.56	24.91	22.07	6.35	3.51	-2.84	yes	yes	no
2667221	0	0	0 yes	23.13	29.65	26.60	6.52	3.47	-3.05	yes	yes	no
2667223	S CENTINELA AVE	S CENTINELA AVE	yes	571.28	882.03	720.95	310.75	149.67	-161.09	yes	yes	no
2667227	0	0	0 yes	17.70	29.85	25.50	12.15	7.80	-4.35	yes	yes	no
2667232	S CENTINELA AVE	S CENTINELA AVE	yes	602.76	928.55	764.90	325.79	162.14	-163.65	yes	yes	no
2667233	WASHINGTON BLVD	WASHINGTON BLVD	yes	90.44	238.60	138.68	148.16	48.24	-99.92	yes	yes	no
2667235	0	0	0 yes	8.16	14.42	12.79	6.26	4.63	-1.63	yes	yes	no
2667236	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	197.64	282.05	250.14	84.41	52.50	-31.91	yes	yes	no
2667238	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	164.27	283.40	246.85	119.13	82.58	-36.54	yes	yes	no
2667239	WASHINGTON BLVD	WASHINGTON BLVD	yes	18.24	24.89	25.35	6.65	7.10	0.46	yes	yes	no
2667240	WASHINGTON BLVD	WASHINGTON BLVD	yes	240.83	326.54	290.85	85.70	50.02	-35.68	yes	yes	no
2667241	0	0	0 yes	12.96	18.20	15.39	5.24	2.43	-2.81	yes	yes	no
2667245	0	0	0 yes	7.41	10.18	8.07	2.77	0.66	-2.11	yes	no	no
2667247	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	157.73	271.15	237.80	113.42	80.07	-33.35	yes	yes	no
2667249	VENICE BLVD	VENICE BLVD	yes	7.01	8.50	8.75	1.49	1.74	0.25	yes	yes	no
2667250	0	0	0 yes	12.67	13.94	12.99	1.27	0.32	-0.95	yes	no	no
2667251	0	0	0 yes	9.33	16.13	13.16	6.80	3.83	-2.97	yes	yes	no
2667254	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	186.72	269.42	241.69	82.69	54.97	-27.73	yes	yes	no
2667256	SAWTELLE BLVD	SAWTELLE BLVD	yes	122.43	253.38	216.03	130.95	93.59	-37.35	yes	yes	no
2667259	0	0	0 yes	0.98	4.94	3.99	3.96	3.01	-0.96	yes	yes	no
2667260	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	139.03	246.07	212.75	107.04	73.72	-33.32	yes	yes	no
2667261	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	191.36	267.14	248.09	75.77	56.73	-19.05	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2667262	SAWTELLE BLVD	SAWTELLE BLVD	yes	152.29	220.69	201.00	68.40	48.71	-19.69	yes	yes	no
2667263	0	0	yes	10.36	14.08	12.79	3.73	2.43	-1.30	yes	yes	no
2667265	0	0	yes	13.75	16.53	15.20	2.77	1.45	-1.33	yes	yes	no
2667267	0	0	yes	11.44	16.14	14.60	4.69	3.16	-1.53	yes	yes	no
2667269	0	0	yes	4.25	5.89	4.64	1.64	0.39	-1.25	yes	no	no
2667273	0	0	yes	3.48	7.03	5.11	3.55	1.63	-1.93	yes	yes	no
2667277	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	121.56	223.68	192.42	102.11	70.86	-31.25	yes	yes	no
2667278	NATIONAL BLVD	NATIONAL BLVD	yes	15.35	34.84	26.66	19.49	11.30	-8.19	yes	yes	no
2667279	MCLAUGHLIN AVE	MCLAUGHLIN AVE	yes	155.51	219.98	200.81	64.47	45.30	-19.17	yes	yes	no
2667280	0	0	yes	11.86	13.37	12.56	1.51	0.69	-0.82	yes	no	no
2667282	0	0	yes	6.04	7.58	5.67	1.54	-0.37	-1.91	yes	no	no
2667283	0	0	yes	6.09	11.05	10.67	4.96	4.58	-0.38	yes	yes	no
2667284	0	0	yes	8.29	10.76	8.80	2.47	0.51	-1.95	yes	no	no
2667285	0	0	yes	3.78	5.16	4.86	1.39	1.08	-0.30	yes	yes	no
2667286	0	0	yes	4.17	6.09	6.00	1.92	1.83	-0.09	yes	yes	no
2667287	0	0	yes	18.03	30.59	23.23	12.57	5.21	-7.36	yes	yes	no
2667288	S BUNDY DR	S BUNDY DR	yes	520.73	821.51	668.58	300.77	147.85	-152.92	yes	yes	no
2667289	0	0	yes	11.46	17.81	15.78	6.35	4.33	-2.02	yes	yes	no
2667290	GATEWAY BLVD	GATEWAY BLVD	yes	75.75	119.55	100.35	43.80	24.60	-19.20	yes	yes	no
2667291	S BARRINGTON AVE	S BARRINGTON AVE	yes	234.94	352.12	323.45	117.18	88.51	-28.66	yes	yes	no
2667292	S BUNDY DR	S BUNDY DR	yes	438.08	707.51	567.40	269.42	129.31	-140.11	yes	yes	no
2667293	0	0	yes	78.97	132.54	110.84	53.57	31.87	-21.70	yes	yes	no
2667294	0	0	yes	7.52	10.43	9.19	2.91	1.67	-1.23	yes	yes	no
2667296	0	0	yes	8.22	9.92	9.07	1.70	0.85	-0.85	yes	no	no
2667299	S BARRINGTON AVE	S BARRINGTON AVE	yes	224.77	337.27	310.30	112.49	85.52	-26.97	yes	yes	no
2667300	0	0	yes	4.16	5.43	4.89	1.26	0.73	-0.54	yes	no	no
2667301	0	0	yes	3.58	5.68	4.93	2.11	1.35	-0.76	yes	yes	no
2667303	SAWTELLE BLVD	SAWTELLE BLVD	yes	289.88	370.48	342.43	80.59	52.55	-28.05	yes	yes	no
2667304	0	0	yes	1.84	5.42	3.32	3.58	1.47	-2.11	yes	yes	no
2667305	0	0	yes	35.43	41.78	40.31	6.35	4.88	-1.46	yes	yes	no
2667308	W PICO BLVD	W PICO BLVD	yes	4.27	6.86	6.50	2.59	2.23	-0.36	yes	yes	no
2667310	SAWTELLE BLVD	SAWTELLE BLVD	yes	278.83	357.85	331.01	79.02	52.18	-26.84	yes	yes	no
2667311	0	0	yes	6.70	9.31	8.02	2.61	1.31	-1.29	yes	yes	no
2667315	0	0	yes	11.09	12.68	11.26	1.58	0.17	-1.41	yes	no	no
2667351	W PICO BLVD	W PICO BLVD	yes	42.63	69.46	57.17	26.83	14.53	-12.30	yes	yes	no
2667352	S BUNDY DR	S BUNDY DR	yes	419.00	666.43	536.13	247.42	117.13	-130.30	yes	yes	no
2667353	S CENTINELA AVE	S CENTINELA AVE	yes	99.86	133.93	129.63	34.07	29.77	-4.30	yes	yes	no
2667354	S CENTINELA AVE	S CENTINELA AVE	yes	131.90	166.76	175.76	34.86	43.86	9.00	yes	yes	yes
2667355	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	178.19	273.83	230.60	95.64	52.41	-43.23	yes	yes	no
2667357	0	0	yes	16.12	22.92	20.33	6.80	4.21	-2.60	yes	yes	no
2667359	S CENTINELA AVE	S CENTINELA AVE	yes	78.28	96.38	101.17	18.10	22.88	4.78	yes	yes	yes
2667361	S CENTINELA AVE	S CENTINELA AVE	yes	77.71	95.88	100.45	18.17	22.74	4.57	yes	yes	yes
2667364	0	0	yes	11.67	16.35	14.46	4.69	2.79	-1.89	yes	yes	no
2667365	S BARRINGTON AVE	S BARRINGTON AVE	yes	201.70	306.07	281.45	104.37	79.75	-24.62	yes	yes	no
2667366	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	29.78	47.33	43.43	17.55	13.65	-3.91	yes	yes	no
2667370	0	0	yes	8.02	10.43	8.81	2.41	0.79	-1.62	yes	no	no
2667371	0	0	yes	12.85	18.32	17.04	5.47	4.19	-1.28	yes	yes	no
2667375	0	0	yes	4.04	5.06	4.49	1.02	0.46	-0.57	yes	no	no
2667376	0	0	yes	14.39	19.84	17.92	5.44	3.53	-1.92	yes	yes	no
2667379	0	0	yes	40.49	54.88	49.52	14.39	9.03	-5.36	yes	yes	no
2667381	0	0	yes	51.56	71.57	64.60	20.00	13.04	-6.97	yes	yes	no
2667461	0	0	yes	42.51	55.61	49.19	13.11	6.68	-6.42	yes	yes	no
2667469	0	0	yes	54.94	74.20	72.16	19.27	17.23	-2.04	yes	yes	no
2667470	0	0	yes	15.17	20.99	14.00	5.82	-1.17	-6.99	yes	no	no
2667472	0	0	yes	53.62	70.38	64.12	16.76	10.50	-6.26	yes	yes	no
2667473	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	236.52	275.26	250.67	38.75	14.15	-24.60	yes	yes	no
2667475	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	74.12	109.31	96.35	35.19	22.22	-12.96	yes	yes	no
2667476	STEWART ST	STEWART ST	yes	8.21	18.24	18.45	10.03	10.24	0.21	yes	yes	no
2667479	0	0	yes	59.69	76.28	69.70	16.59	10.01	-6.58	yes	yes	no
2667480	CLOVERFIELD BLVD	CLOVERFIELD BLVD	yes	88.57	109.71	98.44	21.14	9.87	-11.27	yes	yes	no
2667482	26TH ST	26TH ST	yes	108.46	131.21	118.85	22.74	10.38	-12.36	yes	yes	no
2667483	0	0	yes	28.08	31.06	24.64	2.98	-3.44	-6.42	yes	no	no
2667484	0	0	yes	4.92	12.81	15.03	7.89	10.11	2.22	yes	yes	yes
2667492	0	0	yes	5.10	6.19	4.94	1.09	-0.15	-1.25	yes	no	no
2667495	0	0	yes	37.48	49.41	44.22	11.92	6.74	-5.19	yes	yes	no
2667613	S BENTLEY AVE	S BENTLEY AVE	yes	738.93	849.07	812.97	110.14	74.04	-36.10	yes	yes	no

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	2024 BASE	2024 WLAMP			2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2667616	0		0	yes	3.15	4.28	3.68	1.14	0.53	-0.60	yes	no	no
2667617	0		0	yes	4.32	5.98	5.18	1.65	0.86	-0.80	yes	no	no
2667620	S BENTLEY AVE	S BENTLEY AVE	yes	746.37	859.29	821.99	112.92	75.62	-37.31	yes	yes	no	no
2667621	NATIONAL BLVD	NATIONAL BLVD	yes	78.36	96.41	87.90	18.05	9.54	-8.51	yes	yes	no	no
2667622	NATIONAL BLVD	NATIONAL BLVD	yes	43.85	58.56	52.33	14.71	8.48	-6.23	yes	yes	no	no
2667623	0		0	yes	11.45	15.74	13.84	4.29	2.39	-1.90	yes	yes	no
2667625	0		0	yes	5.04	6.36	5.42	1.31	0.37	-0.94	yes	no	no
2667627	0		0	yes	3.53	4.70	3.96	1.17	0.44	-0.74	yes	no	no
2667628	0		0	yes	4.01	5.64	4.87	1.64	0.86	-0.78	yes	no	no
2667630	SAWTELLE BLVD	SAWTELLE BLVD	yes	202.01	266.99	243.04	64.98	41.03	-23.95	yes	yes	no	no
2667631	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	270.30	438.88	364.28	168.59	93.98	-74.61	yes	yes	no	no
2667632	PALMS BLVD	PALMS BLVD	yes	41.10	54.25	55.36	13.16	14.27	1.11	yes	yes	yes	yes
2667633	0		0	yes	10.05	12.65	11.21	2.60	1.16	-1.44	yes	yes	no
2667634	0		0	yes	12.38	15.52	13.72	3.14	1.35	-1.79	yes	yes	no
2667636	0		0	yes	7.94	12.25	10.86	4.31	2.92	-1.39	yes	yes	no
2667639	NATIONAL PL	NATIONAL PL	yes	1.93	3.99	10.29	2.06	8.36	6.30	yes	yes	yes	yes
2667640	OVERLAND AVE	OVERLAND AVE	yes	905.87	1,376.96	1,145.82	471.08	239.94	-231.14	yes	yes	no	no
2667641	PALMS BLVD	PALMS BLVD	yes	14.14	17.47	21.88	3.33	7.73	4.41	yes	yes	yes	yes
2667644	0		0	yes	25.03	43.50	38.35	18.47	13.32	-5.15	yes	yes	no
2667646	0		0	yes	14.03	18.66	16.77	4.63	2.73	-1.89	yes	yes	no
2667647	CHARNOCK RD	CHARNOCK RD	yes	10.90	14.56	14.13	3.66	3.22	-0.43	yes	yes	no	no
2667648	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	386.85	573.39	491.14	186.54	104.28	-82.25	yes	yes	no	no
2667650	VENICE BLVD	VENICE BLVD	yes	21.80	24.10	23.86	2.30	2.06	-0.24	yes	yes	no	no
2667651	0		0	yes	7.65	10.73	9.38	3.08	1.73	-1.35	yes	yes	no
2667652	0		0	yes	4.85	5.98	5.19	1.13	0.34	-0.79	yes	no	no
2667654	0		0	yes	7.73	10.33	8.98	2.60	1.25	-1.34	yes	yes	no
2667657	0		0	yes	6.66	8.79	6.79	2.13	0.13	-2.00	yes	no	no
2667658	0		0	yes	8.02	10.71	10.25	2.68	2.23	-0.45	yes	yes	no
2667663	0		0	yes	9.96	14.23	12.37	4.27	2.41	-1.86	yes	yes	no
2667666	0		0	yes	13.53	16.06	15.80	2.53	2.27	-0.27	yes	yes	no
2667668	WASHINGTON BLVD	WASHINGTON BLVD	yes	25.01	29.11	28.44	4.10	3.43	-0.67	yes	yes	no	no
2667676	OVERLAND AVE	OVERLAND AVE	yes	1,226.30	1,873.35	1,573.65	647.05	347.35	-299.70	yes	yes	no	no
2667680	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	359.81	552.00	454.45	192.19	94.65	-97.55	yes	yes	no	no
2667681	0		0	yes	45.59	60.57	54.48	14.98	8.89	-6.09	yes	yes	no
2667682	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	420.20	634.52	512.05	214.32	91.85	-122.47	yes	yes	no	no
2667685	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,681.61	2,610.72	2,049.72	929.11	368.11	-561.00	yes	yes	no	no
2667686	OVERLAND AVE	OVERLAND AVE	yes	2,175.81	3,365.40	2,671.02	1,189.59	495.22	-694.38	yes	yes	no	no
2667688	0		0	yes	27.09	35.22	31.38	8.13	4.29	-3.84	yes	yes	no
2667689	0		0	yes	11.96	13.28	11.94	1.32	-0.03	-1.34	yes	no	no
2667691	CULVER BLVD	CULVER BLVD	yes	218.38	438.62	366.55	220.23	148.17	-72.07	yes	yes	no	no
2667692	BRADDOCK DR	BRADDOCK DR	yes	7.80	13.04	12.34	5.23	4.53	-0.70	yes	yes	no	no
2667696	0		0	yes	6.91	9.89	8.26	2.97	1.34	-1.63	yes	yes	no
2667697	SAWTELLE BLVD	SAWTELLE BLVD	yes	98.77	140.33	121.40	41.57	22.64	-18.93	yes	yes	no	no
2667698	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	458.70	687.41	556.18	228.71	97.48	-131.23	yes	yes	no	no
2667700	0		0	yes	9.60	15.45	12.97	5.85	3.37	-2.48	yes	yes	no
2667701	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	534.82	968.55	845.24	433.73	310.42	-123.31	yes	yes	no	no
2667704	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	2,290.05	3,496.81	2,775.97	1,206.75	485.91	-720.84	yes	yes	no	no
2667705	SAWTELLE BLVD	SAWTELLE BLVD	yes	99.85	144.99	125.37	45.14	25.52	-19.62	yes	yes	no	no
2667710	JEFFERSON BLVD	JEFFERSON BLVD	yes	1,708.53	2,645.62	2,081.24	937.09	372.71	-564.38	yes	yes	no	no
2667711	0		0	yes	1.09	4.70	4.00	3.60	2.91	-0.70	yes	yes	no
2667712	0		0	yes	27.07	38.18	31.60	11.10	4.53	-6.57	yes	yes	no
2667717	JEFFERSON BLVD	JEFFERSON BLVD	yes	59.01	188.26	76.10	129.24	17.09	-112.15	yes	yes	no	no
2667718	0		0	yes	180.76	245.50	223.12	64.73	42.35	-22.38	yes	yes	no
2667719	0		0	yes	205.80	281.19	255.54	75.39	49.73	-25.66	yes	yes	no
2667720	CULVER BLVD	CULVER BLVD	yes	1,112.14	1,690.94	1,275.39	578.79	163.24	-415.55	yes	yes	no	no
2667723	0		0	yes	31.35	38.97	30.03	7.62	-1.32	-8.94	yes	no	no
2667727	VENICE BLVD	VENICE BLVD	yes	32.13	38.36	33.68	6.22	1.55	-4.68	yes	yes	no	no
2667728	OVERLAND AVE	OVERLAND AVE	yes	981.88	1,481.30	1,233.93	499.42	252.05	-247.37	yes	yes	no	no
2667729	MOTOR AVE	MOTOR AVE	yes	144.81	243.25	216.16	98.44	71.35	-27.09	yes	yes	no	no
2667730	PALMS BLVD	PALMS BLVD	yes	37.12	40.33	39.97	3.21	2.85	-0.36	yes	yes	no	no
2667732	MOTOR AVE	MOTOR AVE	yes	145.84	225.48	206.67	79.65	60.83	-18.81	yes	yes	no	no
2667733	WASHINGTON BLVD	WASHINGTON BLVD	yes	169.40	284.07	249.46	114.68	80.06	-34.62	yes	yes	no	no
2667735	0		0	yes	10.45	13.90	12.35	3.45	1.91	-1.54	yes	yes	no
2667736	VENICE BLVD	VENICE BLVD	yes	44.73	53.59	49.91	8.86	5.18	-3.69	yes	yes	no	no
2667737	0		0	yes	7.92	10.35	8.39	2.43	0.48	-1.96	yes	no	no
2667739	0		0	yes	7.84	10.81	10.42	2.96	2.57	-0.39	yes	yes	no

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2667747	0		0	yes	28.79	37.84	33.66	9.05	4.87	-4.18	yes	yes	no
2667749	0		0	yes	23.31	31.39	28.01	8.08	4.70	-3.38	yes	yes	no
2667751	PALMS BLVD	PALMS BLVD		yes	14.85	29.15	23.02	14.31	8.17	-6.13	yes	yes	no
2667752	EXPOSITION BLVD	EXPOSITION BLVD		yes	93.34	157.83	125.91	64.49	32.57	-31.92	yes	yes	no
2667753	VENICE BLVD	VENICE BLVD		yes	18.90	25.33	23.43	6.43	4.53	-1.90	yes	yes	no
2667754	VENICE BLVD	VENICE BLVD		yes	10.53	13.47	9.81	2.94	-0.73	-3.66	yes	no	no
2667755	0		0	yes	11.81	15.59	13.99	3.78	2.18	-1.60	yes	yes	no
2667759	0		0	yes	25.28	33.40	30.19	8.12	4.91	-3.21	yes	yes	no
2667762	0		0	yes	37.23	50.07	45.37	12.84	8.13	-4.70	yes	yes	no
2667764	0		0	yes	9.59	11.07	10.71	1.48	1.13	-0.35	yes	yes	no
2667765	0		0	yes	11.44	17.69	15.29	6.25	3.85	-2.40	yes	yes	no
2667767	0		0	yes	51.86	71.64	61.75	19.78	9.89	-9.89	yes	yes	no
2667769	S ROBERTSON BLVD	S ROBERTSON BLVD		yes	466.61	698.76	486.98	232.14	20.36	-211.78	yes	yes	no
2667770	BAGLEY AVE	BAGLEY AVE		yes	75.95	132.77	112.38	56.82	36.43	-20.39	yes	yes	no
2667771	0		0	yes	42.13	46.79	39.46	4.66	-2.67	-7.33	yes	no	no
2667772	0		0	yes	7.16	16.44	14.56	9.29	7.41	-1.88	yes	yes	no
2667775	CASTLE HEIGHTS AVE	CASTLE HEIGHTS AVE		yes	112.40	200.21	160.82	87.81	48.42	-39.40	yes	yes	no
2667776	0		0	yes	22.75	29.18	24.60	6.42	1.85	-4.58	yes	yes	no
2667779	ROBERTSON BLVD	ROBERTSON BLVD		yes	98.63	173.34	106.84	74.71	8.21	-66.49	yes	yes	no
2667781	0		0	yes	4.82	6.17	9.55	1.36	4.74	3.38	yes	yes	yes
2667782	HIGUERA ST	HIGUERA ST		yes	35.84	41.52	49.07	5.68	13.23	7.55	yes	yes	yes
2667783	WASHINGTON BLVD	WASHINGTON BLVD		yes	111.67	193.75	119.15	82.07	7.48	-74.60	yes	yes	no
2667786	0		0	yes	55.86	81.55	67.54	25.69	11.68	-14.01	yes	yes	no
2667787	0		0	yes	27.03	31.41	34.47	4.38	7.43	3.05	yes	yes	yes
2667788	HAYDEN AVE	HAYDEN AVE		yes	5.48	8.96	10.75	3.47	5.27	1.80	yes	yes	yes
2667789	WASHINGTON BLVD	WASHINGTON BLVD		yes	14.22	20.22	13.95	5.99	-0.27	-6.26	yes	no	no
2667790	0		0	yes	2.87	4.17	3.71	1.29	0.84	-0.45	yes	no	no
2667792	0		0	yes	69.39	93.39	84.93	24.00	15.54	-8.46	yes	yes	no
2667793	S LA CIENEGA BLVD	S LA CIENEGA BLVD		yes	1,530.87	2,015.91	2,109.60	485.04	578.73	93.69	yes	yes	yes
2667794	WASHINGTON BLVD	WASHINGTON BLVD		yes	18.47	21.98	17.53	3.51	-0.94	-4.45	yes	no	no
2667796	0		0	yes	8.83	12.67	10.59	3.84	1.76	-2.08	yes	yes	no
2667797	NATIONAL BLVD	NATIONAL BLVD		yes	19.43	21.88	24.61	2.45	5.18	2.73	yes	yes	yes
2667798	VENICE BLVD	VENICE BLVD		yes	53.44	71.47	44.52	18.03	-8.92	-26.95	yes	no	no
2667799	VENICE BLVD	VENICE BLVD		yes	71.66	139.39	86.67	67.73	15.01	-52.72	yes	yes	no
2667800	CATTARAUGUS AVE	CATTARAUGUS AVE		yes	9.11	11.82	11.34	2.71	2.24	-0.47	yes	yes	no
2667801	VENICE BLVD	VENICE BLVD		yes	53.11	71.06	45.23	17.95	-7.88	-25.83	yes	no	no
2667805	0		0	yes	2.58	3.89	3.23	1.32	0.66	-0.66	yes	no	no
2667806	0		0	yes	3.19	4.78	4.35	1.59	1.16	-0.43	yes	yes	no
2667810	CATTARAUGUS AVE	CATTARAUGUS AVE		yes	5.35	7.29	8.98	1.94	3.63	1.69	yes	yes	yes
2667813	0		0	yes	4.47	6.84	5.99	2.37	1.53	-0.85	yes	yes	no
2667815	VENICE BLVD	VENICE BLVD		yes	70.64	136.88	86.55	66.24	15.91	-50.33	yes	yes	no
2667817	S ROBERTSON BLVD	S ROBERTSON BLVD		yes	746.11	1,133.12	832.14	387.00	86.03	-300.98	yes	yes	no
2667819	NATIONAL BLVD	NATIONAL BLVD		yes	9.77	11.97	13.98	2.20	4.21	2.01	yes	yes	yes
2667820	CATTARAUGUS AVE	CATTARAUGUS AVE		yes	7.25	9.62	8.83	2.36	1.58	-0.78	yes	yes	no
2667829	0		0	yes	5.23	7.39	6.53	2.16	1.30	-0.86	yes	yes	no
2667862	0		0	yes	6.50	8.68	7.75	2.19	1.25	-0.93	yes	yes	no
2667933	0		0	yes	17.95	23.83	21.01	5.88	3.06	-2.82	yes	yes	no
2667939	W ADAMS BLVD	W ADAMS BLVD		yes	5.16	7.30	6.47	2.15	1.31	-0.84	yes	yes	no
2667942	0		0	yes	4.26	5.92	5.32	1.66	1.06	-0.60	yes	yes	no
2667946	W ADAMS BLVD	W ADAMS BLVD		yes	3.74	5.86	5.49	2.12	1.75	-0.37	yes	yes	no
2667947	FAIRFAX AVE	FAIRFAX AVE		yes	3,990.22	6,385.21	5,902.03	2,394.99	1,911.81	-483.18	yes	yes	no
2667948	S LA CIENEGA BLVD	S LA CIENEGA BLVD		yes	5,529.83	8,413.82	8,022.35	2,883.79	2,492.52	-391.27	yes	yes	no
2667949	W JEFFERSON BLVD	W JEFFERSON BLVD		yes	393.57	642.09	640.16	248.52	246.59	-1.93	yes	yes	no
2667950	HAUSER BLVD	HAUSER BLVD		yes	223.61	285.29	295.74	61.68	72.13	10.45	yes	yes	yes
2667951	0		0	yes	42.83	57.46	51.32	14.62	8.49	-6.13	yes	yes	no
2667956	S LA BREA AVE	S LA BREA AVE		yes	8,416.67	12,030.97	10,990.11	3,614.30	2,573.44	-1,040.86	yes	yes	no
2667958	W JEFFERSON BLVD	W JEFFERSON BLVD		yes	118.31	142.65	122.76	24.33	4.44	-19.89	yes	yes	no
2667960	0		0	yes	18.83	26.40	25.23	7.57	6.40	-1.17	yes	yes	no
2667963	S LA BREA AVE	S LA BREA AVE		yes	8,853.95	12,829.21	11,697.61	3,975.27	2,843.66	-1,131.61	yes	yes	no
2667964	S LA CIENEGA BLVD	S LA CIENEGA BLVD		yes	5,963.31	9,040.34	8,711.47	3,077.03	2,748.16	-328.87	yes	yes	no
2667965	0		0	yes	21.98	29.32	24.50	7.34	2.52	-4.81	yes	yes	no
2667966	0		0	yes	7.06	9.38	8.58	2.33	1.53	-0.80	yes	yes	no
2667968	W JEFFERSON BLVD	W JEFFERSON BLVD		yes	115.10	137.42	123.76	22.32	8.66	-13.66	yes	yes	no
2667969	W ADAMS BLVD	W ADAMS BLVD		yes	133.87	248.74	256.04	114.87	122.17	7.30	yes	yes	yes
2667970	0		0	yes	32.56	44.08	40.35	11.52	7.79	-3.72	yes	yes	no
2667973	0		0	yes	65.81	83.29	77.86	17.48	12.05	-5.43	yes	yes	no

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	2024 BASE	2024 WLAMP			2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2667976		0	0	yes	7.27	10.82	10.38	3.55	3.11	-0.44	yes	yes	no
2667982	W 27TH ST	W 27TH ST		yes	27.65	33.39	32.66	5.74	5.01	-0.73	yes	yes	no
2667983	W ADAMS BLVD	W ADAMS BLVD		yes	15.69	36.96	30.08	21.27	14.38	-6.88	yes	yes	no
2667988			0	yes	4.21	5.54	5.27	1.33	1.06	-0.27	yes	yes	no
2669570			0	yes	24.02	28.04	25.53	4.02	1.51	-2.51	yes	yes	no
2669571	S FIGUEROA ST	S FIGUEROA ST		yes	46.93	119.61	110.03	72.68	63.10	-9.58	yes	yes	no
2669572	W 135TH ST	W 135TH ST		yes	3.86	15.08	11.90	11.23	8.05	-3.18	yes	yes	no
2669575	S FIGUEROA ST	S FIGUEROA ST		yes	74.93	160.51	152.74	85.57	77.81	-7.77	yes	yes	no
2669579	S HOOVER ST	S HOOVER ST		yes	5.77	25.14	26.95	19.37	21.17	1.81	yes	yes	yes
2669580	W 120TH ST	W 120TH ST		yes	103.54	257.54	195.32	154.00	91.78	-62.22	yes	yes	no
2669581	S FIGUEROA ST	S FIGUEROA ST		yes	58.78	172.28	125.34	113.50	66.55	-46.95	yes	yes	no
2669582			0	yes	9.30	11.01	10.73	1.71	1.43	-0.28	yes	yes	no
2669583	S HOOVER ST	S HOOVER ST		yes	20.87	49.74	49.97	28.87	29.10	0.24	yes	yes	no
2669609	S MAIN ST	S MAIN ST		yes	0.33	2.41	2.06	2.08	1.73	-0.35	yes	yes	no
2669610	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY		yes	115.52	252.21	251.22	136.68	135.70	-0.99	yes	yes	no
2669611	S BROADWAY	S BROADWAY		yes	44.80	57.92	65.10	13.12	20.31	7.19	yes	yes	yes
2669612	S BROADWAY	S BROADWAY		yes	31.71	35.82	54.62	4.11	22.91	18.80	yes	yes	yes
2669630			0	yes	10.43	15.05	14.16	4.62	3.73	-0.88	yes	yes	no
2669633	S FIGUEROA ST	S FIGUEROA ST		yes	902.21	1,506.94	1,272.07	604.74	369.86	-234.88	yes	yes	no
2669653	S MAIN ST	S MAIN ST		yes	1.63	30.81	47.50	29.17	45.87	16.69	yes	yes	yes
2669654	W 92ND ST	W 92ND ST		yes	1,281.17	3,456.48	2,806.19	2,175.31	1,525.02	-650.29	yes	yes	no
2669655	S BROADWAY	S BROADWAY		yes	897.89	1,953.75	1,700.20	1,055.86	802.30	-253.55	yes	yes	no
2669657	W CENTURY BLVD	W CENTURY BLVD		yes	5,379.49	11,971.34	10,264.24	6,591.85	4,884.75	-1,707.11	yes	yes	no
2669660	W COLDEN AVE	W COLDEN AVE		yes	97.59	235.10	250.65	137.50	153.06	15.55	yes	yes	yes
2669664			0	yes	7.39	9.11	6.49	1.72	-0.90	-2.62	yes	no	no
2669667	S VERMONT AVE	S VERMONT AVE		yes	78.57	112.21	97.54	33.64	18.96	-14.68	yes	yes	no
2669669	S HOOVER ST	S HOOVER ST		yes	25.37	29.14	26.05	3.76	0.68	-3.08	yes	no	no
2669670	W MANCHESTER AVE	W MANCHESTER AVE		yes	198.18	496.10	1,242.75	297.92	1,044.58	746.66	yes	yes	yes
2669671	S VERMONT AVE	S VERMONT AVE		yes	80.86	118.11	89.50	37.25	8.64	-28.60	yes	yes	no
2669676	S MAIN ST	S MAIN ST		yes	32.50	88.88	91.07	56.38	58.57	2.19	yes	yes	yes
2669677	W MANCHESTER AVE	W MANCHESTER AVE		yes	455.88	673.07	595.01	217.18	139.12	-78.06	yes	yes	no
2669678	S BROADWAY	S BROADWAY		yes	2,283.30	5,778.99	5,071.02	3,495.69	2,787.72	-707.97	yes	yes	no
2669690	S HOOVER ST	S HOOVER ST		yes	35.43	48.80	46.05	13.36	10.62	-2.75	yes	yes	no
2669692	S FIGUEROA ST	S FIGUEROA ST		yes	339.38	395.09	493.01	55.71	153.62	97.92	yes	yes	yes
2669694	S HOOVER ST	S HOOVER ST		yes	38.14	52.12	48.96	13.98	10.82	-3.16	yes	yes	no
2669695			0	yes	26.00	36.50	32.32	10.50	6.31	-4.18	yes	yes	no
2669696	S NORMANDIE AVE	S NORMANDIE AVE		yes	58.44	100.52	129.90	42.08	71.46	29.38	yes	yes	yes
2669697	S VERMONT AVE	S VERMONT AVE		yes	145.04	218.46	213.38	73.42	68.34	-5.08	yes	yes	no
2669698			0	yes	42.48	55.29	49.03	12.82	6.56	-6.26	yes	yes	no
2669699	W 92ND ST	W 92ND ST		yes	28.37	34.22	75.79	5.85	47.41	41.56	yes	yes	yes
2669701	S WESTERN AVE	S WESTERN AVE		yes	35.54	53.35	37.70	17.81	2.16	-15.65	yes	yes	no
2669702	W CENTURY BLVD	W CENTURY BLVD		yes	7,281.26	14,890.98	12,798.37	7,609.72	5,517.10	-2,092.61	yes	yes	no
2669705	W CENTURY BLVD	W CENTURY BLVD		yes	7,100.65	14,715.58	12,569.59	7,614.93	5,468.94	-2,145.99	yes	yes	no
2669706	S VAN NESS AVE	S VAN NESS AVE		yes	22.48	31.88	32.18	9.39	9.70	0.31	yes	yes	no
2669709			0	yes	3.14	4.43	4.20	1.30	1.06	-0.24	yes	yes	no
2669711			0	yes	29.03	41.06	38.99	12.03	9.96	-2.07	yes	yes	no
2669712	S VAN NESS AVE	S VAN NESS AVE		yes	25.02	35.45	37.04	10.43	12.02	1.59	yes	yes	yes
2669713	W MANCHESTER AVE	W MANCHESTER AVE		yes	198.84	560.38	1,253.83	361.55	1,054.99	693.45	yes	yes	yes
2669714	S WESTERN AVE	S WESTERN AVE		yes	21.38	60.01	45.42	38.63	24.05	-14.58	yes	yes	no
2669720	S BROADWAY	S BROADWAY		yes	1,870.47	5,134.46	4,534.90	3,263.99	2,664.43	-599.57	yes	yes	no
2669723	S MAIN ST	S MAIN ST		yes	7.02	49.17	42.91	42.15	35.89	-6.27	yes	yes	no
2669725	S HOOVER ST	S HOOVER ST		yes	5.31	7.65	7.80	2.34	2.49	0.15	yes	yes	no
2669726	S HOOVER ST	S HOOVER ST		yes	5.40	7.79	9.03	2.39	3.63	1.24	yes	yes	yes
2669727	S FIGUEROA ST	S FIGUEROA ST		yes	330.07	405.18	512.82	75.11	182.75	107.64	yes	yes	yes
2669728			0	yes	30.18	41.30	38.16	11.12	7.98	-3.14	yes	yes	no
2669729	S FIGUEROA ST	S FIGUEROA ST		yes	334.63	390.28	487.29	55.65	152.65	97.00	yes	yes	yes
2669730	S NORMANDIE AVE	S NORMANDIE AVE		yes	58.48	94.55	164.32	36.07	105.85	69.78	yes	yes	yes
2669731	S VERMONT AVE	S VERMONT AVE		yes	141.27	219.18	208.13	77.90	66.86	-11.05	yes	yes	no
2669733			0	yes	15.11	22.42	21.21	7.31	6.11	-1.21	yes	yes	no
2669734	W FLORENCE AVE	W FLORENCE AVE		yes	2,324.59	5,347.15	5,638.09	3,022.56	3,313.49	290.93	yes	yes	yes
2669736	S WESTERN AVE	S WESTERN AVE		yes	20.04	51.75	122.14	31.71	102.10	70.39	yes	yes	yes
2669737	CRENSHAW BLVD	CRENSHAW BLVD		yes	108.26	162.97	162.18	54.71	53.92	-0.79	yes	yes	no
2669738			0	yes	13.43	15.87	14.56	2.44	1.13	-1.31	yes	yes	no
2669739			0	yes	31.74	42.71	38.97	10.98	7.23	-3.75	yes	yes	no
2669742	S VAN NESS AVE	S VAN NESS AVE		yes	95.50	228.46	240.96	132.96	145.46	12.50	yes	yes	yes
2669743	W FLORENCE AVE	W FLORENCE AVE		yes	2,993.74	6,429.32	6,715.29	3,435.58	3,721.55	285.97	yes	yes	yes

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2669744	S WESTERN AVE	S WESTERN AVE	yes	14.52	59.76	38.36	45.24	23.84	-21.40	yes	yes	no
2669748	CRENSHAW BLVD	CRENSHAW BLVD	yes	186.33	387.08	387.33	200.75	201.00	0.25	yes	yes	no
2669751	0	0	yes	40.12	52.78	46.25	12.66	6.13	-6.53	yes	yes	no
2669754	S WESTERN AVE	S WESTERN AVE	yes	1,475.92	2,615.31	2,625.34	1,139.39	1,149.42	10.02	yes	yes	yes
2669756	S NORMANDIE AVE	S NORMANDIE AVE	yes	45.56	67.73	64.47	22.17	18.91	-3.26	yes	yes	no
2669757	W GAGE AVE	W GAGE AVE	yes	2,252.98	3,586.69	3,691.81	1,333.71	1,438.83	105.12	yes	yes	yes
2669759	0	0	yes	83.33	114.63	103.63	31.31	20.30	-11.00	yes	yes	no
2669760	S HOOVER ST	S HOOVER ST	yes	195.46	385.80	375.31	190.34	179.84	-10.50	yes	yes	no
2669761	S VERMONT AVE	S VERMONT AVE	yes	180.72	320.22	317.00	139.50	136.28	-3.22	yes	yes	no
2669763	S VERMONT AVE	S VERMONT AVE	yes	414.48	711.95	789.58	297.47	375.09	77.62	yes	yes	yes
2669764	W GAGE AVE	W GAGE AVE	yes	2,075.29	3,599.20	3,837.84	1,523.91	1,762.55	238.64	yes	yes	yes
2669765	S NORMANDIE AVE	S NORMANDIE AVE	yes	110.37	272.66	367.55	162.29	257.18	94.89	yes	yes	yes
2669769	0	0	yes	1.97	3.90	3.52	1.93	1.55	-0.38	yes	yes	no
2669770	W FLORENCE AVE	W FLORENCE AVE	yes	2,041.38	4,843.34	5,046.18	2,801.96	3,004.80	202.84	yes	yes	yes
2669771	0	0	yes	22.78	33.28	29.84	10.51	7.06	-3.44	yes	yes	no
2669772	S HOOVER ST	S HOOVER ST	yes	35.90	90.69	106.96	54.79	71.06	16.27	yes	yes	yes
2669773	S FIGUEROA ST	S FIGUEROA ST	yes	348.32	715.51	726.38	367.20	378.06	10.86	yes	yes	yes
2669775	W GAGE AVE	W GAGE AVE	yes	2,071.93	3,586.33	3,943.17	1,514.40	1,871.24	356.84	yes	yes	yes
2669784	S BROADWAY	S BROADWAY	yes	2,269.22	5,833.36	5,551.86	3,564.14	3,282.64	-281.50	yes	yes	no
2669785	W GAGE AVE	W GAGE AVE	yes	154.91	298.86	224.93	143.94	70.02	-73.93	yes	yes	no
2669786	S MAIN ST	S MAIN ST	yes	225.20	649.12	595.27	423.92	370.06	-53.86	yes	yes	no
2669787	W FLORENCE AVE	W FLORENCE AVE	yes	448.50	927.08	793.72	478.58	345.22	-133.36	yes	yes	no
2669803	S MAIN ST	S MAIN ST	yes	284.39	831.52	717.01	547.13	432.62	-114.51	yes	yes	no
2669812	0	0	yes	50.35	68.95	62.29	18.61	11.95	-6.66	yes	yes	no
2669815	0	0	yes	5.22	8.88	9.17	3.66	3.95	0.29	yes	yes	no
2669816	CRENSHAW BLVD	CRENSHAW BLVD	yes	344.64	481.22	446.81	136.58	102.17	-34.41	yes	yes	no
2669818	0	0	yes	45.31	61.85	55.51	16.54	10.20	-6.34	yes	yes	no
2669820	W 54TH ST	W 54TH ST	yes	8.72	31.20	34.97	22.47	26.24	3.77	yes	yes	yes
2669821	8TH AVE	8TH AVE	yes	47.34	72.74	80.27	25.40	32.94	7.54	yes	yes	yes
2669822	W SLAUSON AVE	W SLAUSON AVE	yes	2.01	4.19	5.19	2.18	3.18	1.00	yes	yes	yes
2669823	S VAN NESS AVE	S VAN NESS AVE	yes	108.66	120.67	121.52	12.01	12.87	0.85	yes	yes	no
2669824	CRENSHAW BLVD	CRENSHAW BLVD	yes	766.50	830.81	770.91	64.32	4.41	-59.91	yes	yes	no
2669826	W 54TH ST	W 54TH ST	yes	9.10	31.20	23.92	22.10	14.81	-7.28	yes	yes	no
2669828	0	0	yes	25.62	34.13	30.22	8.51	4.60	-3.91	yes	yes	no
2669830	0	0	yes	49.20	66.98	62.04	17.77	12.84	-4.93	yes	yes	no
2669831	8TH AVE	8TH AVE	yes	18.20	38.02	44.59	19.82	26.39	6.58	yes	yes	yes
2669832	W 48TH ST	W 48TH ST	yes	42.58	69.44	53.23	26.87	10.66	-16.21	yes	yes	no
2669838	W 48TH ST	W 48TH ST	yes	52.28	97.32	65.40	45.04	13.12	-31.92	yes	yes	no
2669841	0	0	yes	4.90	6.86	5.10	1.96	0.20	-1.76	yes	no	no
2669842	0	0	yes	28.23	38.67	36.09	10.43	7.85	-2.58	yes	yes	no
2669844	S WESTERN AVE	S WESTERN AVE	yes	874.64	1,136.07	1,136.96	261.43	262.32	0.89	yes	yes	no
2669845	W 54TH ST	W 54TH ST	yes	2.73	14.00	10.77	11.26	8.04	-3.22	yes	yes	no
2669846	0	0	yes	64.52	86.32	76.19	21.80	11.67	-10.13	yes	yes	no
2669847	S NORMANDIE AVE	S NORMANDIE AVE	yes	87.59	178.70	124.37	91.11	36.79	-54.32	yes	yes	no
2669849	S VERMONT AVE	S VERMONT AVE	yes	174.76	294.58	271.79	119.82	97.03	-22.78	yes	yes	no
2669851	W 54TH ST	W 54TH ST	yes	61.50	183.75	160.31	122.24	98.81	-23.43	yes	yes	no
2669854	0	0	yes	32.41	44.38	41.42	11.96	9.01	-2.95	yes	yes	no
2669855	S WESTERN AVE	S WESTERN AVE	yes	216.19	342.27	323.04	126.09	106.85	-19.23	yes	yes	no
2669856	W 48TH ST	W 48TH ST	yes	60.90	96.30	82.09	35.40	21.18	-14.22	yes	yes	no
2669857	S VAN NESS AVE	S VAN NESS AVE	yes	25.14	38.38	42.47	13.24	17.33	4.08	yes	yes	yes
2669858	W 48TH ST	W 48TH ST	yes	152.82	272.97	239.14	120.14	86.32	-33.82	yes	yes	no
2669859	0	0	yes	1.44	2.59	2.51	1.15	1.07	-0.08	yes	yes	no
2669860	0	0	yes	21.60	29.52	27.33	7.92	5.73	-2.19	yes	yes	no
2669861	S WESTERN AVE	S WESTERN AVE	yes	101.28	133.99	136.41	32.72	35.13	2.41	yes	yes	yes
2669863	W 48TH ST	W 48TH ST	yes	39.31	66.79	54.58	27.48	15.28	-12.21	yes	yes	no
2669864	0	0	yes	63.96	87.57	78.29	23.61	14.32	-9.28	yes	yes	no
2669865	0	0	yes	12.98	15.98	17.14	3.00	4.16	1.16	yes	yes	yes
2669868	0	0	yes	117.58	161.98	148.14	44.41	30.56	-13.85	yes	yes	no
2669877	ARLINGTON AVE	ARLINGTON AVE	yes	18.39	37.94	42.34	19.55	23.95	4.40	yes	yes	yes
2669878	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	928.85	1,130.73	905.26	201.89	-23.59	-225.47	yes	no	no
2669879	S WESTERN AVE	S WESTERN AVE	yes	71.49	120.70	119.89	49.20	48.40	-0.80	yes	yes	no
2669880	W VERNON AVE	W VERNON AVE	yes	3.52	15.77	14.80	12.25	11.28	-0.97	yes	yes	no
2669881	S VERMONT AVE	S VERMONT AVE	yes	136.35	188.90	179.92	52.56	43.58	-8.98	yes	yes	no
2669882	S VERMONT AVE	S VERMONT AVE	yes	123.41	204.86	165.91	81.45	42.50	-38.95	yes	yes	no
2669883	W VERNON AVE	W VERNON AVE	yes	86.92	119.16	59.89	32.25	-27.03	-59.28	yes	no	no
2669885	S HOOVER ST	S HOOVER ST	yes	360.95	733.29	629.15	372.33	268.19	-104.14	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2669886	S FIGUEROA ST	S FIGUEROA ST	yes	758.52	963.90	994.80	205.38	236.27	30.90	yes	yes	yes
2669887	0	0	yes	6.16	7.77	7.03	1.61	0.87	-0.74	yes	no	no
2669888	0	0	yes	35.88	50.98	50.35	15.10	14.47	-0.64	yes	yes	no
2669889	S HOOVER ST	S HOOVER ST	yes	225.45	448.01	449.34	222.56	223.90	1.33	yes	yes	yes
2669890	W 54TH ST	W 54TH ST	yes	55.03	69.64	81.60	14.61	26.57	11.96	yes	yes	yes
2669891	0	0	yes	13.42	19.03	20.65	5.61	7.23	1.62	yes	yes	yes
2669892	W 43RD ST	W 43RD ST	yes	12.84	18.46	19.60	5.61	6.76	1.14	yes	yes	yes
2669893	0	0	yes	148.17	200.45	182.74	52.28	34.57	-17.71	yes	yes	no
2669896	0	0	yes	8.59	10.42	7.00	1.83	-1.60	-3.42	yes	no	no
2669897	W SLAUSON AVE	W SLAUSON AVE	yes	375.86	489.17	445.49	113.31	69.63	-43.68	yes	yes	no
2669898	S MAIN ST	S MAIN ST	yes	352.01	915.26	802.99	563.24	450.97	-112.27	yes	yes	no
2669899	W 54TH ST	W 54TH ST	yes	76.48	164.99	104.32	88.51	27.84	-60.67	yes	yes	no
2669900	S BROADWAY	S BROADWAY	yes	2,793.74	6,168.89	5,995.50	3,375.15	3,201.76	-173.39	yes	yes	no
2669902	W 54TH ST	W 54TH ST	yes	222.42	291.72	358.38	69.30	135.96	66.66	yes	yes	yes
2669923	0	0	yes	16.94	22.99	19.07	6.06	2.13	-3.93	yes	yes	no
2669924	W VERNON AVE	W VERNON AVE	yes	551.77	556.37	482.78	4.59	-68.99	-73.59	yes	no	no
2669922	S MAIN ST	S MAIN ST	yes	7.64	24.82	33.62	17.18	25.98	8.81	yes	yes	yes
2669933	0	0	yes	23.08	32.15	30.93	9.06	7.85	-1.21	yes	yes	no
2669935	S BROADWAY	S BROADWAY	yes	2,637.60	5,114.46	5,084.71	2,476.86	2,447.11	-29.75	yes	yes	no
2669997	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	682.17	917.06	872.12	234.88	189.95	-44.94	yes	yes	no
2670001	W 39TH ST	W 39TH ST	yes	25.48	36.88	32.12	11.41	6.64	-4.77	yes	yes	no
2670004	0	0	yes	24.76	34.34	32.14	9.58	7.38	-2.20	yes	yes	no
2670005	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,861.21	2,854.64	2,766.44	993.43	905.23	-88.20	yes	yes	no
2670006	S NORMANDIE AVE	S NORMANDIE AVE	yes	61.82	93.88	81.53	32.06	19.71	-12.35	yes	yes	no
2670008	EXPOSITION BLVD	EXPOSITION BLVD	yes	434.93	659.54	411.42	224.61	-23.51	-248.12	yes	no	no
2670010	EXPOSITION BLVD	EXPOSITION BLVD	yes	99.14	210.19	128.56	111.05	29.41	-81.63	yes	yes	no
2670012	W 39TH PL	W 39TH PL	yes	960.61	1,160.57	976.69	199.95	16.08	-183.87	yes	yes	no
2670013	W 39TH ST	W 39TH ST	yes	9.44	19.31	20.55	9.87	11.12	1.24	yes	yes	yes
2670017	MARLTON AVE	MARLTON AVE	yes	55.03	331.69	249.47	276.67	194.44	-82.23	yes	yes	no
2670018	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	40.47	76.19	68.06	35.72	27.58	-8.13	yes	yes	no
2670019	PALMWOOD DR	PALMWOOD DR	yes	0.75	2.24	1.39	1.49	0.64	-0.85	yes	no	no
2670022	W 39TH ST	W 39TH ST	yes	65.29	311.92	237.23	246.63	171.94	-74.69	yes	yes	no
2670023	0	0	yes	38.19	69.50	61.80	31.31	23.60	-7.70	yes	yes	no
2670028	0	0	yes	51.51	69.94	65.07	18.44	13.56	-4.88	yes	yes	no
2670031	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,972.30	6,830.08	5,734.42	2,857.78	1,762.13	-1,095.66	yes	yes	no
2670032	COLISEUM ST	COLISEUM ST	yes	40.20	49.20	47.51	9.00	7.30	-1.70	yes	yes	no
2670035	ARLINGTON AVE	ARLINGTON AVE	yes	161.45	225.20	233.65	63.75	72.20	8.45	yes	yes	yes
2670036	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	295.11	387.98	350.48	92.87	55.38	-37.49	yes	yes	no
2670037	9TH AVE	9TH AVE	yes	4.13	8.18	9.08	4.05	4.95	0.89	yes	yes	no
2670038	ARLINGTON AVE	ARLINGTON AVE	yes	97.76	103.03	114.15	5.27	16.39	11.12	yes	yes	yes
2670039	0	0	yes	53.11	74.40	67.26	21.29	14.15	-7.14	yes	yes	no
2670041	0	0	yes	29.06	37.11	36.04	8.05	6.98	-1.07	yes	yes	no
2670042	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	202.42	228.75	195.00	26.33	-7.42	-33.75	yes	no	no
2670043	0	0	yes	4.44	13.11	13.04	8.67	8.61	-0.07	yes	yes	no
2670044	0	0	yes	42.14	49.47	45.40	7.33	3.26	-4.07	yes	yes	no
2670045	S WESTERN AVE	S WESTERN AVE	yes	125.82	262.39	280.80	136.56	154.97	18.41	yes	yes	yes
2670046	W 35TH ST	W 35TH ST	yes	126.85	160.31	142.91	33.46	16.06	-17.40	yes	yes	no
2670047	S NORMANDIE AVE	S NORMANDIE AVE	yes	35.29	55.80	52.73	20.51	17.44	-3.07	yes	yes	no
2670048	0	0	yes	3.61	7.85	7.69	4.24	4.09	-0.15	yes	yes	no
2670049	0	0	yes	24.34	29.90	26.17	5.56	1.83	-3.73	yes	yes	no
2670053	W 37TH DR	W 37TH DR	yes	421.16	634.09	391.15	212.93	-30.01	-242.94	yes	no	no
2670054	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	89.69	104.13	91.64	14.45	1.95	-12.49	yes	yes	no
2670056	W 37TH DR	W 37TH DR	yes	0.86	2.06	2.21	1.20	1.35	0.15	yes	yes	no
2670057	0	0	yes	44.68	62.09	58.10	17.40	13.41	-3.99	yes	yes	no
2670061	0	0	yes	64.37	81.39	72.80	17.02	8.43	-8.59	yes	yes	no
2670062	S GRAND AVE	S GRAND AVE	yes	122.08	142.15	133.69	20.07	11.61	-8.46	yes	yes	no
2670088	S HILL ST	S HILL ST	yes	595.80	992.11	859.49	396.31	263.69	-132.62	yes	yes	no
2670094	0	0	yes	66.98	88.39	84.29	21.41	17.31	-4.10	yes	yes	no
2670095	0	0	yes	23.20	33.77	31.61	10.57	8.41	-2.15	yes	yes	no
2670098	W ADAMS BLVD	W ADAMS BLVD	yes	266.57	328.64	292.21	62.07	25.64	-36.44	yes	yes	no
2670118	S FLOWER ST	S FLOWER ST	yes	737.82	1,024.94	872.09	287.12	134.26	-152.85	yes	yes	no
2670132	0	0	yes	57.03	95.99	89.17	38.96	32.14	-6.82	yes	yes	no
2670134	0	0	yes	65.69	77.62	70.33	11.93	4.64	-7.29	yes	yes	no
2670136	W 32ND ST	W 32ND ST	yes	59.61	99.33	84.53	39.72	24.93	-14.79	yes	yes	no
2670138	S FIGUEROA ST	S FIGUEROA ST	yes	884.97	1,099.62	973.47	214.65	88.50	-126.15	yes	yes	no
2670139	W ADAMS BLVD	W ADAMS BLVD	yes	25.91	28.79	28.39	2.88	2.48	-0.40	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2670140	W 30TH ST	W 30TH ST	yes	258.28	325.84	280.80	67.55	22.51	-45.04	yes	yes	no
2670142	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	261.72	329.63	284.59	67.91	22.87	-45.04	yes	yes	no
2670144	S VERMONT AVE	S VERMONT AVE	yes	111.27	157.30	151.66	46.03	40.39	-5.64	yes	yes	no
2670148	S NORMANDIE AVE	S NORMANDIE AVE	yes	47.97	77.01	73.16	29.04	25.19	-3.85	yes	yes	no
2670149	0	0	yes	24.65	34.61	30.93	9.96	6.28	-3.68	yes	yes	no
2670150	W 35TH ST	W 35TH ST	yes	102.23	125.77	112.05	23.54	9.82	-13.72	yes	yes	no
2670151	S WESTERN AVE	S WESTERN AVE	yes	146.64	248.01	252.52	101.37	105.88	4.51	yes	yes	yes
2670152	S VERMONT AVE	S VERMONT AVE	yes	161.09	227.89	217.39	66.80	56.31	-10.49	yes	yes	no
2670153	29th St	29th St	yes	112.43	175.08	165.12	62.65	52.69	-9.97	yes	yes	no
2670154	S NORMANDIE AVE	S NORMANDIE AVE	yes	86.70	146.54	135.30	59.83	48.60	-11.23	yes	yes	no
2670155	29th St	29th St	yes	73.71	105.73	103.29	32.02	29.58	-2.43	yes	yes	no
2670156	29th St	29th St	yes	112.43	175.08	165.12	62.65	52.69	-9.97	yes	yes	no
2670157	0	0	yes	10.73	13.46	12.88	2.73	2.15	-0.58	yes	yes	no
2670158	W ADAMS BLVD	W ADAMS BLVD	yes	92.89	132.89	123.61	40.00	30.72	-9.28	yes	yes	no
2670159	S NORMANDIE AVE	S NORMANDIE AVE	yes	84.07	141.15	129.96	57.08	45.89	-11.19	yes	yes	no
2670160	S VERMONT AVE	S VERMONT AVE	yes	99.63	140.17	136.24	40.54	36.61	-3.93	yes	yes	no
2670163	W ADAMS BLVD	W ADAMS BLVD	yes	26.75	29.71	29.32	2.96	2.56	-0.39	yes	yes	no
2670164	W 23RD ST	W 23RD ST	yes	2.99	5.86	5.33	2.87	2.35	-0.53	yes	yes	no
2670168	0	0	yes	12.51	21.34	18.95	8.83	6.44	-2.39	yes	yes	no
2670171	0	0	yes	7.51	9.40	7.82	1.89	0.30	-1.58	yes	no	no
2670183	W ADAMS BLVD	W ADAMS BLVD	yes	12.96	14.61	13.19	1.65	0.23	-1.42	yes	no	no
2670187	W ADAMS BLVD	W ADAMS BLVD	yes	103.62	146.35	136.49	42.73	32.87	-9.86	yes	yes	no
2670203	W 27TH ST	W 27TH ST	yes	47.42	63.88	56.13	16.47	8.71	-7.76	yes	yes	no
2670233	0	0	yes	27.50	38.27	36.50	10.77	8.99	-1.77	yes	yes	no
2670234	0	0	yes	49.43	66.90	59.30	17.47	9.87	-7.60	yes	yes	no
2670235	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	2,981.32	4,475.10	3,989.68	1,493.78	1,008.36	-485.42	yes	yes	no
2670236	S LA BREA AVE	S LA BREA AVE	yes	8,677.49	12,371.88	11,443.57	3,694.39	2,766.09	-928.31	yes	yes	no
2670237	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,561.04	5,543.49	4,963.03	1,982.45	1,401.99	-580.45	yes	yes	no
2670239	0	0	yes	62.88	83.52	79.09	20.64	16.21	-4.43	yes	yes	no
2670241	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	369.73	493.48	442.72	123.75	72.99	-50.75	yes	yes	no
2670242	CRENSHAW BLVD	CRENSHAW BLVD	yes	3,494.69	6,201.76	5,161.71	2,707.08	1,667.02	-1,040.06	yes	yes	no
2670243	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	4.23	7.80	7.42	3.57	3.19	-0.38	yes	yes	no
2670245	LA TIJERA BLVD	LA TIJERA BLVD	yes	13,731.90	22,113.34	17,736.30	8,381.44	4,004.40	-4,377.04	yes	yes	no
2670246	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,554.97	4,951.45	5,508.36	1,396.48	1,953.38	556.90	yes	yes	yes
2670247	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	4,612.21	6,157.42	6,206.34	1,545.22	1,594.13	48.91	yes	yes	yes
2670248	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	73.16	98.54	82.64	25.38	9.48	-15.90	yes	yes	no
2670249	0	0	yes	20.63	32.62	29.71	11.99	9.08	-2.91	yes	yes	no
2670250	W 80TH ST	W 80TH ST	yes	7.34	17.63	15.07	10.29	7.73	-2.56	yes	yes	no
2670253	LINCOLN BLVD	LINCOLN BLVD	yes	13,366.79	18,013.06	15,397.82	4,646.26	2,031.03	-2,615.23	yes	yes	no
2670255	W CENTINELA AVE	W CENTINELA AVE	yes	705.73	1,148.42	887.07	442.69	181.35	-261.34	yes	yes	no
2670257	GLENCOE AVE	GLENCOE AVE	yes	250.46	329.31	293.81	78.86	43.35	-35.50	yes	yes	no
2670258	WASHINGTON BLVD	WASHINGTON BLVD	yes	6.69	11.85	7.93	5.16	1.24	-3.93	yes	yes	no
2670261	W CENTURY BLVD	W CENTURY BLVD	yes	46,587.89	69,731.80	56,921.57	23,143.91	10,333.68	-12,810.23	yes	yes	no
2670262	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	6,610.92	9,002.22	17,551.84	2,391.30	10,940.92	8,549.62	yes	yes	yes
2670263	AVIATION BLVD	AVIATION BLVD	yes	6,890.08	9,213.25	19,196.22	2,323.16	12,306.14	9,982.97	yes	yes	yes
2670266	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	720.28	928.95	830.86	208.68	110.59	-98.09	yes	yes	no
2670427	SHORT AVE	SHORT AVE	yes	3.78	23.10	15.05	19.32	11.27	-8.05	yes	yes	no
2670428	0	0	yes	23.59	42.48	37.30	18.89	13.71	-5.18	yes	yes	no
2670429	MESMER AVE	MESMER AVE	yes	1,582.90	2,682.62	1,411.67	1,099.73	-171.23	-1,270.95	yes	no	no
2670435	0	0	yes	18.86	34.17	30.11	15.30	11.25	-4.06	yes	yes	no
2670437	BRADDOCK DR	BRADDOCK DR	yes	27.20	30.79	26.74	3.59	-0.46	-4.05	yes	no	no
2670438	S CENTINELA AVE	S CENTINELA AVE	yes	175.51	300.60	268.59	125.08	93.08	-32.00	yes	yes	no
2670439	CULVER BLVD	CULVER BLVD	yes	277.51	432.28	359.08	154.77	81.57	-73.20	yes	yes	no
2670440	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	496.01	919.65	711.20	423.65	215.19	-208.46	yes	yes	no
2670441	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	517.21	878.07	697.88	360.86	180.67	-180.19	yes	yes	no
2670444	0	0	yes	8.11	19.63	21.57	11.53	13.47	1.94	yes	yes	yes
2670445	LINCOLN BLVD	LINCOLN BLVD	yes	6,689.96	8,679.84	7,595.23	1,989.88	905.28	-1,084.60	yes	yes	no
2670450	CALIFORNIA AVE	CALIFORNIA AVE	yes	3.16	11.91	11.21	8.75	8.05	-0.70	yes	yes	no
2670451	LINCOLN BLVD	LINCOLN BLVD	yes	6,607.42	8,538.23	7,457.12	1,930.81	849.70	-1,081.11	yes	yes	no
2670454	LINCOLN BLVD	LINCOLN BLVD	yes	7,191.26	9,291.88	7,977.12	2,100.62	785.86	-1,314.76	yes	yes	no
2670456	0	0	yes	2.25	3.96	3.95	1.71	1.70	-0.01	yes	yes	no
2670458	PALMS BLVD	PALMS BLVD	yes	37.09	48.81	46.01	11.71	8.92	-2.79	yes	yes	no
2670460	VENICE BLVD	VENICE BLVD	yes	8.89	12.08	11.17	3.19	2.28	-0.91	yes	yes	no
2670463	VENICE BLVD	VENICE BLVD	yes	3.92	5.24	3.94	1.32	0.02	-1.30	yes	no	no
2670464	VENICE BLVD	VENICE BLVD	yes	5.88	7.78	6.88	1.90	0.99	-0.90	yes	no	no
2670466	VENICE BLVD	VENICE BLVD	yes	9.05	10.99	10.59	1.95	1.54	-0.40	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2670470	VENICE BLVD	VENICE BLVD	yes	13.16	17.38	16.82	4.22	3.66	-0.56	yes	yes	no
2672584	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	286.02	494.13	477.57	208.11	191.55	-16.56	yes	yes	no
2672591	PALAWAN WAY	PALAWAN WAY	yes	2,439.30	3,358.17	2,907.81	918.87	468.50	-450.36	yes	yes	no
2672592	ADMIRALTY WAY	ADMIRALTY WAY	yes	5,878.33	8,358.93	7,100.81	2,480.60	1,222.49	-1,258.11	yes	yes	no
2672593	LINCOLN BLVD	LINCOLN BLVD	yes	7,197.84	9,296.51	7,980.98	2,098.67	783.14	-1,315.53	yes	yes	no
2672594	GLENCOE AVE	GLENCOE AVE	yes	255.25	335.90	299.56	80.66	44.32	-36.34	yes	yes	no
2672595	MAXELLA AVE	MAXELLA AVE	yes	297.14	413.10	361.18	115.96	64.04	-51.92	yes	yes	no
2672596	BALL WAY	BALL WAY	yes	2,415.28	3,536.61	3,188.39	1,121.33	773.10	-348.22	yes	yes	no
2672597	TEALE ST	TEALE ST	yes	23.95	254.90	239.61	230.94	215.66	-15.28	yes	yes	no
2672598	LINCOLN BLVD	LINCOLN BLVD	yes	13,366.79	18,013.06	15,397.82	4,646.26	2,031.03	-2,615.23	yes	yes	no
2672599	LINCOLN BLVD	LINCOLN BLVD	yes	13,390.75	18,267.95	15,637.44	4,877.21	2,246.69	-2,630.52	yes	yes	no
2672600	LMU DR	LMU DR	yes	435.96	498.19	472.56	62.23	36.60	-25.63	yes	yes	no
2672602	W 80TH ST	W 80TH ST	yes	13.57	18.07	15.20	4.51	1.63	-2.87	yes	yes	no
2672603	LOYOLA BLVD	LOYOLA BLVD	yes	27.64	138.99	98.26	111.34	70.62	-40.73	yes	yes	no
2672604	LA TIJERA BLVD	LA TIJERA BLVD	yes	33.03	52.23	39.35	19.20	6.32	-12.88	yes	yes	no
2672605	LINCOLN BLVD	LINCOLN BLVD	yes	7,504.47	10,216.39	8,427.49	2,711.92	923.02	-1,788.90	yes	yes	no
2672606	LOYOLA BLVD	LOYOLA BLVD	yes	360.08	485.52	267.32	125.44	-92.77	-218.21	yes	no	no
2672607	LINCOLN BLVD	LINCOLN BLVD	no	6,434.77	8,658.37	7,244.58	2,223.60	7,244.58	7,244.58	yes	yes	yes
2672608	W 74TH ST	W 74TH ST	yes	453.03	680.46	436.25	227.44	-16.78	-244.21	yes	no	no
2672609	AIRPORT BLVD	AIRPORT BLVD	yes	436.09	555.45	373.86	119.36	-62.23	-181.59	yes	no	no
2672612	W 80TH ST	W 80TH ST	yes	345.25	470.81	432.25	125.56	87.00	-38.56	yes	yes	no
2672613	79TH ST	79TH ST	yes	185.83	256.91	366.85	71.08	181.02	109.94	yes	yes	yes
2672614	LA TIJERA BLVD	LA TIJERA BLVD	yes	8,007.58	12,449.47	10,567.99	4,441.89	2,560.41	-1,881.48	yes	yes	no
2672615	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	25,838.49	35,553.63	29,596.61	9,715.13	3,758.12	-5,957.02	yes	yes	no
2672616	79TH ST	79TH ST	yes	344.84	473.47	435.33	128.63	90.49	-38.14	yes	yes	no
2672617	W 96TH ST	W 96TH ST	yes	4,674.94	4,814.22	661.66	139.28	-4,013.28	-4,152.55	yes	no	no
2672618	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	15,794.02	29,589.08	18,327.44	13,795.06	2,533.42	-11,261.64	yes	yes	no
2672620	W 98TH ST	W 98TH ST	yes	1,957.13	3,319.08	27,190.89	1,361.95	25,233.76	23,871.81	yes	yes	yes
2672621	AIRPORT BLVD	AIRPORT BLVD	yes	10,153.41	13,720.30	16,339.78	3,566.90	6,186.38	2,619.48	yes	yes	yes
2672622	VICKSBURG AVE	VICKSBURG AVE	yes	6,150.05	12,153.84	7,546.76	6,003.80	1,396.72	-4,607.08	yes	yes	no
2672623	W 98TH ST	W 98TH ST	yes	3,371.10	5,701.20	9,431.93	2,330.10	6,060.83	3,730.73	yes	yes	yes
2672624	AVIATION BLVD	AVIATION BLVD	yes	20,712.71	25,476.70	24,915.76	4,763.99	4,203.05	-560.94	yes	yes	no
2672626	AVIATION BLVD	AVIATION BLVD	yes	18,049.50	24,459.30	23,922.19	6,409.80	5,872.69	-537.11	yes	yes	no
2672627	W 104TH ST	W 104TH ST	yes	3,619.07	8,112.16	4,130.87	4,493.08	511.79	-3,981.29	yes	yes	no
2672628	W CENTURY BLVD	W CENTURY BLVD	yes	41,724.23	66,066.32	51,771.08	24,342.08	10,046.85	-14,295.24	yes	yes	no
2672631	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	2,923.47	7,143.34	9,137.70	4,219.87	6,214.23	1,994.36	yes	yes	yes
2672632	W 104TH ST	W 104TH ST	yes	11,964.47	13,940.03	10,833.55	1,975.57	-1,130.92	-3,106.49	yes	no	no
2672633	E MARIPOSA AVE	E MARIPOSA AVE	yes	883.90	1,401.09	1,084.25	517.20	200.36	-316.84	yes	yes	no
2672634	E MARIPOSA AVE	E MARIPOSA AVE	yes	480.74	657.24	569.69	176.50	88.95	-87.55	yes	yes	no
2672635	AIRPORT BLVD	AIRPORT BLVD	yes	12,099.73	18,621.38	14,843.22	6,521.64	2,743.49	-3,778.15	yes	yes	no
2672636	W 83RD ST	W 83RD ST	yes	707.11	918.44	342.99	211.33	-364.13	-575.45	yes	no	no
2672637	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	4,654.34	4,959.11	5,043.52	304.77	389.18	84.41	yes	yes	yes
2672638	OSAGE AVE	OSAGE AVE	yes	2,671.63	3,142.84	2,877.00	471.21	205.37	-265.84	yes	yes	no
2672640	WASHINGTON BLVD	WASHINGTON BLVD	yes	28.61	33.33	31.99	4.72	3.37	-1.35	yes	yes	no
2672641	ELANDA ST	ELANDA ST	yes	35.14	47.97	43.47	12.84	8.33	-4.50	yes	yes	no
2672642			0 yes	104.85	142.27	131.18	37.42	26.33	-11.09	yes	yes	no
2672644	PACIFIC AVE	PACIFIC AVE	yes	355.57	906.46	792.85	550.89	437.28	-113.61	yes	yes	no
2672645	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	95.79	110.70	85.20	14.91	-10.59	-25.50	yes	no	no
2672646	N VENICE BLVD	N VENICE BLVD	yes	23.06	31.72	26.81	8.66	3.74	-4.92	yes	yes	no
2672649	ALLA RD	ALLA RD	yes	22.40	28.91	24.34	6.51	1.94	-4.57	yes	yes	no
2672650	MINDANAO WAY	MINDANAO WAY	yes	9.21	28.98	22.05	19.76	12.83	-6.93	yes	yes	no
2672654	CULVER BLVD	CULVER BLVD	yes	700.72	932.15	744.30	231.43	43.58	-187.85	yes	yes	no
2672656			0 yes	83.64	115.17	104.47	31.53	20.83	-10.69	yes	yes	no
2672658	VIA MARINA	VIA MARINA	yes	83.64	115.17	104.47	31.53	20.83	-10.69	yes	yes	no
2672660	LINCOLN BLVD	LINCOLN BLVD	yes	13,606.17	18,350.23	15,798.60	4,744.06	2,192.43	-2,551.62	yes	yes	no
2672661			0 yes	185.84	254.59	232.55	68.75	46.71	-22.04	yes	yes	no
2672663			0 yes	9.65	13.50	11.75	3.85	2.10	-1.75	yes	yes	no
2672665			0 yes	30.26	40.19	35.97	9.93	5.71	-4.21	yes	yes	no
2672666	ELANDA ST	ELANDA ST	yes	4.88	7.80	7.11	2.92	2.23	-0.69	yes	yes	no
2672667	CULVER BLVD	CULVER BLVD	yes	262.41	378.84	319.28	116.43	56.87	-59.56	yes	yes	no
2672670			0 yes	12.69	16.91	14.56	4.22	1.87	-2.35	yes	yes	no
2672671	OVERLAND AVE	OVERLAND AVE	yes	2,144.34	3,274.62	2,606.67	1,130.28	462.33	-667.95	yes	yes	no
2672675	BRADDOCK DR	BRADDOCK DR	yes	26.56	83.43	57.78	56.88	31.22	-25.66	yes	yes	no
2672679	DUQUESNE AVE	DUQUESNE AVE	yes	29.80	51.80	42.80	21.99	13.00	-9.00	yes	yes	no
2672680	BRADDOCK DR	BRADDOCK DR	yes	21.89	77.90	53.07	56.01	31.18	-24.83	yes	yes	no
2672683			0 yes	27.83	36.98	32.84	9.14	5.00	-4.14	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2672684	OVERLAND AVE	OVERLAND AVE	yes	940.03	1,470.07	1,183.68	530.04	243.65	-286.39	yes	yes	no
2672685	0	0	yes	5.30	10.36	8.14	5.06	2.84	-2.22	yes	yes	no
2672686	0	0	yes	21.58	29.62	23.53	8.04	1.96	-6.08	yes	yes	no
2672688	FOX HILLS DR	FOX HILLS DR	yes	17.97	35.68	37.07	17.72	19.10	1.38	yes	yes	yes
2672689	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	6,632.74	9,603.88	7,526.53	2,971.14	893.79	-2,077.35	yes	yes	no
2672692	HANNUM AVE	HANNUM AVE	yes	4.07	12.96	8.47	8.88	4.39	-4.49	yes	yes	no
2672693	S CENTINELA AVE	S CENTINELA AVE	yes	175.82	333.12	284.11	157.30	108.28	-49.01	yes	yes	no
2672694	0	0	yes	21.08	23.36	20.60	2.28	-0.49	-2.76	yes	no	no
2672695	INGLEWOOD BLVD	INGLEWOOD BLVD	yes	538.31	972.01	848.32	433.70	310.01	-123.69	yes	yes	no
2672697	W CENTINELA AVE	W CENTINELA AVE	yes	2,280.73	3,828.83	2,299.67	1,548.10	18.94	-1,529.16	yes	yes	no
2672701	0	0	yes	40.40	54.12	47.66	13.72	7.26	-6.46	yes	yes	no
2672703	W CENTINELA AVE	W CENTINELA AVE	yes	16.79	24.07	36.53	7.28	19.74	12.46	yes	yes	yes
2672704	BRADLEY PL	BRADLEY PL	yes	7,715.67	11,329.66	9,534.28	3,613.98	1,818.61	-1,795.37	yes	yes	no
2672705	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	8,715.10	12,550.00	10,867.24	3,834.90	2,152.14	-1,682.76	yes	yes	no
2672706	BRADLEY PL	BRADLEY PL	yes	33.20	44.29	43.08	11.09	9.88	-1.21	yes	yes	no
2672707	0	0	yes	42.33	55.92	51.40	13.59	9.08	-4.51	yes	yes	no
2672708	0	0	yes	22.99	31.13	28.49	8.14	5.50	-2.64	yes	yes	no
2672711	W 59TH ST	W 59TH ST	yes	4,692.90	7,648.21	6,696.27	2,955.31	2,003.37	-951.94	yes	yes	no
2672712	W SLAUSON AVE	W SLAUSON AVE	yes	321.99	773.40	624.21	451.42	302.22	-149.19	yes	yes	no
2672714	0	0	yes	145.96	196.04	179.66	50.08	33.70	-16.38	yes	yes	no
2672715	0	0	yes	59.58	79.71	72.42	20.13	12.84	-7.29	yes	yes	no
2672717	S LA BREA AVE	S LA BREA AVE	yes	4,146.49	7,355.15	6,567.96	3,208.66	2,421.46	-787.19	yes	yes	no
2672718	0	0	yes	98.03	131.74	120.49	33.70	22.46	-11.25	yes	yes	no
2672719	OVERHILL DR	OVERHILL DR	yes	413.14	770.09	620.02	356.94	206.88	-150.07	yes	yes	no
2672720	OVERHILL DR	OVERHILL DR	yes	2.50	10.99	10.78	8.49	8.28	-0.21	yes	yes	no
2672721	ANGELES VISTA BLVD	ANGELES VISTA BLVD	yes	1,456.44	1,954.13	1,542.05	497.69	85.61	-412.08	yes	yes	no
2672722	ANGELES VISTA BLVD	ANGELES VISTA BLVD	yes	1,294.96	1,750.07	1,356.64	455.11	61.67	-393.43	yes	yes	no
2672723	0	0	yes	98.06	119.31	108.86	21.25	10.80	-10.46	yes	yes	no
2672725	0	0	yes	10.61	26.91	24.80	16.30	14.19	-2.12	yes	yes	no
2672726	W SLAUSON AVE	W SLAUSON AVE	yes	8.22	15.74	15.20	7.52	6.98	-0.54	yes	yes	no
2672727	ANGELES VISTA BLVD	ANGELES VISTA BLVD	yes	1,294.96	1,750.07	1,356.64	455.11	61.67	-393.43	yes	yes	no
2672728	0	0	yes	344.97	465.03	428.65	120.06	83.68	-36.38	yes	yes	no
2672731	LOYOLA BLVD	LOYOLA BLVD	yes	34.89	148.28	105.48	113.40	70.60	-42.80	yes	yes	no
2672733	W 76TH ST	W 76TH ST	yes	0.28	5.96	5.35	5.67	5.06	-0.61	yes	yes	no
2672734	W 80TH ST	W 80TH ST	yes	366.68	507.93	465.28	141.25	98.60	-42.65	yes	yes	no
2672735	0	0	yes	441.42	600.18	551.11	158.76	109.69	-49.07	yes	yes	no
2672737	W MANCHESTER AVE	W MANCHESTER AVE	yes	965.19	1,358.05	676.36	392.86	-288.83	-681.69	yes	no	no
2672739	0	0	yes	357.44	488.46	449.26	131.02	91.82	-39.19	yes	yes	no
2672740	0	0	yes	333.63	449.89	407.90	116.26	74.27	-41.99	yes	yes	no
2672747	0	0	yes	404.43	546.41	497.24	141.97	92.81	-49.17	yes	yes	no
2672748	79TH ST	79TH ST	yes	14.49	24.64	21.32	10.15	6.83	-3.32	yes	yes	no
2672749	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	26,615.34	36,628.83	30,457.37	10,013.49	3,842.03	-6,171.46	yes	yes	no
2672750	W 83RD ST	W 83RD ST	yes	9.68	18.53	1.28	8.85	-8.40	-17.26	yes	no	no
2672751	W MANCHESTER AVE	W MANCHESTER AVE	yes	1,200.81	1,657.57	917.65	456.76	-283.16	-739.93	yes	no	no
2672752	EMERSON AVE	EMERSON AVE	yes	382.05	546.86	496.65	164.81	114.60	-50.22	yes	yes	no
2672753	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	26,976.60	37,112.12	30,869.38	10,135.52	3,892.78	-6,242.74	yes	yes	no
2672754	W MANCHESTER AVE	W MANCHESTER AVE	yes	667.03	804.98	715.08	137.95	48.05	-89.90	yes	yes	no
2672755	CULVER BLVD	CULVER BLVD	yes	2,656.44	3,404.61	3,075.39	748.17	418.95	-329.22	yes	yes	no
2672756	W MANCHESTER AVE	W MANCHESTER AVE	yes	667.03	804.98	715.08	137.95	48.05	-89.90	yes	yes	no
2672760	0	0	yes	306.67	399.78	381.66	93.11	74.99	-18.12	yes	yes	no
2672762	EMERSON AVE	EMERSON AVE	yes	457.87	671.51	643.35	213.65	185.49	-28.16	yes	yes	no
2672763	WESTCHESTER PKY	WESTCHESTER PKY	yes	1,676.29	2,312.07	2,274.95	635.77	598.65	-37.12	yes	yes	no
2672767	0	0	yes	617.80	858.59	792.27	240.78	174.47	-66.31	yes	yes	no
2672770	0	0	yes	432.97	597.86	537.56	164.89	104.60	-60.30	yes	yes	no
2672772	W 83RD ST	W 83RD ST	yes	52.40	80.40	91.03	28.00	38.63	10.63	yes	yes	yes
2672773	79TH ST	79TH ST	yes	586.85	779.86	650.96	193.02	64.11	-128.90	yes	yes	no
2672774	76TH ST	76TH ST	yes	34.11	36.62	33.97	2.51	-0.14	-2.65	yes	no	no
2672775	W 74TH ST	W 74TH ST	yes	453.03	680.46	436.25	227.44	-16.78	-244.21	yes	no	no
2672776	AIRPORT BLVD	AIRPORT BLVD	yes	506.52	597.44	411.28	90.92	-95.24	-186.16	yes	no	no
2672777	LA TIJERA BLVD	LA TIJERA BLVD	yes	18,844.16	29,447.31	23,854.37	10,603.15	5,010.21	-5,592.94	yes	yes	no
2672778	W 74TH ST	W 74TH ST	yes	17.57	127.87	62.88	110.31	45.32	-64.99	yes	yes	no
2672779	0	0	yes	280.06	378.76	341.62	98.70	61.55	-37.14	yes	yes	no
2672781	0	0	yes	190.24	254.59	232.90	64.36	42.66	-21.69	yes	yes	no
2672782	W MANCHESTER AVE	W MANCHESTER AVE	yes	9,857.25	13,093.84	5,871.94	3,236.59	-3,985.31	-7,221.90	yes	no	no
2672783	0	0	yes	0.84	3.39	1.61	2.55	0.78	-1.78	yes	no	no
2672785	OSAGE AVE	OSAGE AVE	yes	2,393.45	2,767.51	2,537.39	374.07	143.94	-230.12	yes	yes	no

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2672786	W 83RD ST	W 83RD ST	yes	706.27	915.10	341.37	208.82	-364.90	-573.73	yes	no	no
2672788	W 83RD ST	W 83RD ST	yes	815.84	1,235.23	560.74	419.39	-255.11	-674.50	yes	no	no
2672789	OSAGE AVE	OSAGE AVE	yes	2,393.45	2,767.51	2,537.39	374.07	143.94	-230.12	yes	yes	no
2672790	W FLORENCE AVE	W FLORENCE AVE	yes	14,483.46	20,441.72	13,941.48	5,958.26	-541.99	-6,500.24	yes	no	no
2672791	Hindry Ave	Hindry Ave	yes	576.29	1,127.85	501.46	551.56	-74.83	-626.39	yes	no	no
2672793			0 yes	110.08	139.39	119.35	29.32	9.28	-20.04	yes	yes	no
2672795	W BEACH AVE	W BEACH AVE	yes	0.09	1.47	1.29	1.38	1.20	-0.18	yes	yes	no
2672796	W BEACH AVE	W BEACH AVE	yes	6.68	362.19	391.97	355.52	385.29	29.78	yes	yes	yes
2672801	WESTCHESTER PKY	WESTCHESTER PKY	yes	984.47	2,278.24	1,563.88	1,293.77	579.41	-714.36	yes	yes	no
2672802	JENNY AVE	JENNY AVE	yes	711.76	2,488.59	352.72	1,776.83	-359.03	-2,135.87	yes	no	no
2672803	W 96TH ST	W 96TH ST	yes	5,851.09	13,611.86	6,055.13	7,760.78	204.05	-7,556.73	yes	yes	no
2672804			0 yes	19.37	29.95	23.27	10.58	3.90	-6.67	yes	yes	no
2672806	WILEY POST AVE	WILEY POST AVE	yes	1,250.91	2,965.02	1,971.90	1,714.12	720.99	-993.12	yes	yes	no
2672807	LA TIJERA BLVD	LA TIJERA BLVD	yes	7,869.66	11,340.98	9,600.72	3,471.32	1,731.07	-1,740.25	yes	yes	no
2672808	W 96TH ST	W 96TH ST	yes	5,744.73	13,791.18	6,055.13	8,046.45	310.41	-7,736.05	yes	yes	no
2672809			0 yes	30.47	50.20	39.92	19.73	9.44	-10.29	yes	yes	no
2672810	W 98TH ST	W 98TH ST	yes	1,318.97	2,726.44	27,190.89	1,407.47	25,871.92	24,464.45	yes	yes	yes
2672811			0 yes	453.66	691.98	815.19	238.32	361.53	123.21	yes	yes	yes
2672812			0 yes	274.57	296.55	125.25	21.97	-149.32	-171.29	yes	no	no
2672813	AIRPORT BLVD	AIRPORT BLVD	yes	19,976.67	28,708.52	20,181.70	8,731.84	205.02	-8,526.82	yes	yes	no
2672814	ARBOR VITAE ST	ARBOR VITAE ST	yes	7,139.72	12,512.55	7,094.13	5,372.84	-45.58	-5,418.42	yes	no	no
2672815			0 yes	41.63	59.14	31.67	17.52	-9.95	-27.47	yes	no	no
2672816			0 yes	60.49	82.91	54.57	22.42	-5.92	-28.33	yes	no	no
2672817			0 yes	471.50	653.85	644.55	182.36	173.05	-9.30	yes	yes	no
2672818	W CENTURY BLVD	W CENTURY BLVD	yes	4,343.18	4,728.62	21,452.00	385.44	17,108.81	16,723.38	yes	yes	yes
2672819	W 96TH ST	W 96TH ST	yes	1,194.45	1,235.53	1,020.92	41.09	-173.52	-214.61	yes	no	no
2672822			0 yes	146.29	197.46	180.79	51.16	34.49	-16.67	yes	yes	no
2672825			0 yes	82.34	109.34	97.66	27.00	15.32	-11.68	yes	yes	no
2672826			0 yes	13.58	17.02	11.19	3.44	-2.39	-5.83	yes	no	no
2672830	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	3,777.55	5,977.50	3,500.36	2,199.95	-277.19	-2,477.14	yes	no	no
2672831	AVIATION BLVD	AVIATION BLVD	yes	8,477.85	13,313.57	11,163.30	4,835.72	2,685.45	-2,150.26	yes	yes	no
2672832	W HILLCREST BLVD	W HILLCREST BLVD	yes	1,855.16	3,632.17	825.69	1,777.00	-1,029.47	-2,806.48	yes	no	no
2672834			0 yes	45.73	61.11	56.44	15.38	10.71	-4.67	yes	yes	no
2672835	W ARBOR VITAE ST	W ARBOR VITAE ST	yes	2,111.07	3,697.96	4,958.34	1,586.90	2,847.28	1,260.38	yes	yes	yes
2672836	W HILLCREST BLVD	W HILLCREST BLVD	yes	1,139.54	2,240.38	2,926.37	1,100.85	1,786.84	685.99	yes	yes	yes
2672837	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	23.73	27.84	47.60	4.11	23.87	19.76	yes	yes	yes
2672838	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	0.15	1.80	47.96	1.65	47.82	46.17	yes	yes	yes
2672839	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	87.44	174.47	142.83	87.03	55.39	-31.63	yes	yes	no
2672840	W REGENT ST	W REGENT ST	yes	2,824.64	5,308.62	4,157.86	2,483.98	1,333.22	-1,150.77	yes	yes	no
2672844			0 yes	18.82	37.55	36.02	18.73	17.21	-1.52	yes	yes	no
2672846	S EUCALYPTUS AVE	S EUCALYPTUS AVE	yes	11.89	19.05	5.25	7.17	-6.64	-13.80	yes	no	no
2672847	S LA BREA AVE	S LA BREA AVE	yes	21.38	148.27	105.26	126.89	83.87	-43.02	yes	yes	no
2672848			0 yes	12.15	16.32	16.16	4.16	4.01	-0.15	yes	yes	no
2672849	S EUCALYPTUS AVE	S EUCALYPTUS AVE	yes	1.80	6.03	5.06	4.23	3.26	-0.96	yes	yes	no
2672850	S GREVILLEA AVE	S GREVILLEA AVE	yes	12.83	45.65	274.37	32.83	261.55	228.72	yes	yes	yes
2672851	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	2.94	5.05	48.85	2.10	45.91	43.80	yes	yes	yes
2672852			0 yes	25.56	33.11	27.16	7.55	1.61	-5.95	yes	yes	no
2672854	W REGENT ST	W REGENT ST	yes	2,801.41	5,242.69	4,080.19	2,441.27	1,278.78	-1,162.49	yes	yes	no
2672858	S LA BREA AVE	S LA BREA AVE	yes	22.59	161.65	154.14	139.06	131.56	-7.51	yes	yes	no
2672860	N HILLCREST BLVD	N HILLCREST BLVD	yes	12.13	13.18	136.55	1.04	124.42	123.37	yes	yes	yes
2672861	N PRAIRIE AVE	N PRAIRIE AVE	yes	313.78	1,215.52	2,800.47	901.73	2,486.69	1,584.96	yes	yes	yes
2672864			0 yes	19.14	42.08	37.67	22.94	18.53	-4.41	yes	yes	no
2672865	E HILLCREST BLVD	E HILLCREST BLVD	yes	522.14	1,727.95	3,833.76	1,205.82	3,311.63	2,105.81	yes	yes	yes
2672867	N HILLCREST BLVD	N HILLCREST BLVD	yes	383.34	1,300.25	3,002.31	916.91	2,618.96	1,702.06	yes	yes	yes
2672868			0 yes	13.18	18.94	2.04	5.76	-11.14	-16.90	yes	no	no
2672869			0 yes	66.56	86.97	86.60	20.41	20.03	-0.37	yes	yes	no
2672870	E MANCHESTER BLVD	E MANCHESTER BLVD	yes	192.15	552.73	946.83	360.58	754.68	394.10	yes	yes	yes
2672874			0 yes	38.45	49.44	51.38	10.99	12.93	1.95	yes	yes	yes
2672875	W CENTURY BLVD	W CENTURY BLVD	yes	9,343.95	20,874.36	21,032.28	11,530.41	11,688.33	157.93	yes	yes	yes
2672876	S GREVILLEA AVE	S GREVILLEA AVE	yes	1,919.35	2,708.11	1,419.57	788.76	-499.78	-1,288.54	yes	no	no
2672877	S GREVILLEA AVE	S GREVILLEA AVE	yes	1,919.35	2,708.11	1,419.57	788.76	-499.78	-1,288.54	yes	no	no
2672878	S LA BREA AVE	S LA BREA AVE	yes	63.87	264.13	146.71	200.26	82.84	-117.42	yes	yes	no
2672879	S PRAIRIE AVE	S PRAIRIE AVE	yes	191.58	286.55	255.09	94.97	63.51	-31.46	yes	yes	no
2672880	MYRTLE AVE	MYRTLE AVE	yes	21.62	23.64	18.60	3.02	-3.02	-5.04	yes	no	no
2672881			0 yes	6.09	9.49	9.85	3.39	3.75	0.36	yes	yes	no
2672886			0 yes	6.59	28.95	14.56	22.36	7.97	-14.39	yes	yes	no

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	2024 BASE	2024 WLAMP			2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2672892		0	0	yes	19.33	70.70	16.46	51.37	-2.87	-54.24	yes	no	no
2672896		0	0	yes	78.04	106.67	102.34	28.63	24.30	-4.33	yes	yes	no
2672897		0	0	yes	66.47	90.13	84.55	23.66	18.08	-5.58	yes	yes	no
2672899		0	0	yes	9.68	15.44	16.36	5.75	6.68	0.93	yes	yes	no
2672900		0	0	yes	12.19	16.41	15.35	4.22	3.16	-1.06	yes	yes	no
2672903		0	0	yes	13.46	15.43	12.99	1.97	-0.46	-2.43	yes	no	no
2672906	AVIATION BLVD	AVIATION BLVD		yes	17,872.29	20,434.23	22,265.73	2,561.94	4,393.44	1,831.50	yes	yes	yes
2672907	W 104TH ST	W 104TH ST		yes	3,619.07	8,112.16	4,130.87	4,493.08	511.79	-3,981.29	yes	yes	no
2672908	AVIATION BLVD	AVIATION BLVD		yes	20,508.46	23,710.17	15,246.22	3,201.71	-5,262.24	-8,463.95	yes	no	no
2672914	S INGLEWOOD AVE	S INGLEWOOD AVE		yes	11.45	36.96	13.01	25.50	1.55	-23.95	yes	yes	no
2672915	W CENTURY BLVD	W CENTURY BLVD		yes	9,460.07	21,049.25	21,229.95	11,589.17	11,769.87	180.70	yes	yes	yes
2672916	S INGLEWOOD AVE	S INGLEWOOD AVE		yes	132.73	219.36	254.44	86.63	121.71	35.08	yes	yes	yes
2672918	S INGLEWOOD AVE	S INGLEWOOD AVE		yes	60.77	119.98	160.12	59.21	99.35	40.14	yes	yes	yes
2672919	S INGLEWOOD AVE	S INGLEWOOD AVE		yes	65.96	243.40	291.24	177.44	225.28	47.84	yes	yes	yes
2672920	LENNOX BLVD	LENNOX BLVD		yes	607.88	873.81	1,712.25	265.93	1,104.37	838.44	yes	yes	yes
2672921	S INGLEWOOD AVE	S INGLEWOOD AVE		yes	126.95	209.92	243.20	82.97	116.25	33.28	yes	yes	yes
2672922	HAWTHORNE BLVD	HAWTHORNE BLVD		yes	3,221.58	7,789.90	8,755.48	4,568.32	5,533.90	965.58	yes	yes	yes
2672923	HAWTHORNE BLVD	HAWTHORNE BLVD		yes	3,221.58	7,789.90	8,755.48	4,568.32	5,533.90	965.58	yes	yes	yes
2672927	S PRAIRIE AVE	S PRAIRIE AVE		yes	489.82	872.22	748.80	382.40	258.98	-123.42	yes	yes	no
2672929	S PRAIRIE AVE	S PRAIRIE AVE		yes	490.65	873.18	749.74	382.53	259.09	-123.45	yes	yes	no
2672931	LENNOX BLVD	LENNOX BLVD		yes	353.84	526.59	609.88	172.75	256.04	83.29	yes	yes	yes
2672933	HAWTHORNE BLVD	HAWTHORNE BLVD		yes	3,369.52	8,007.88	9,598.81	4,638.36	6,229.29	1,590.93	yes	yes	yes
2672937			0	yes	26.69	36.19	32.26	9.50	5.57	-3.93	yes	yes	no
2672939			0	yes	49.33	59.72	52.88	10.39	3.55	-6.84	yes	yes	no
2672944			0	yes	22.06	23.78	20.84	1.73	-1.22	-2.94	yes	no	no
2672945	W 110TH ST	W 110TH ST		yes	0.02	12.62	17.10	12.59	17.07	4.48	yes	yes	yes
2672948			0	yes	241.68	330.19	305.57	88.51	63.89	-24.62	yes	yes	no
2672951			0	yes	22.71	29.17	24.67	6.46	1.96	-4.50	yes	yes	no
2672958			0	yes	83.83	109.29	97.13	25.47	13.30	-12.16	yes	yes	no
2672959	W 108TH ST	W 108TH ST		yes	192.27	352.65	375.58	160.38	183.30	22.93	yes	yes	yes
2672960	S YUKON AVE	S YUKON AVE		yes	103.96	217.45	186.96	113.49	83.01	-30.49	yes	yes	no
2672961	W CENTURY BLVD	W CENTURY BLVD		yes	7,530.41	15,443.48	13,085.09	7,913.07	5,554.68	-2,358.39	yes	yes	no
2672962	W CENTURY BLVD	W CENTURY BLVD		yes	7,434.13	15,228.32	12,902.90	7,794.19	5,468.77	-2,325.42	yes	yes	no
2672963	CRENSHAW BLVD	CRENSHAW BLVD		yes	88.66	127.82	139.64	39.15	50.98	11.82	yes	yes	yes
2672964	W 108TH ST	W 108TH ST		yes	98.74	167.50	282.55	68.75	183.80	115.05	yes	yes	yes
2672965	W CENTURY BLVD	W CENTURY BLVD		yes	7,408.79	15,171.07	12,916.92	7,762.27	5,508.13	-2,254.15	yes	yes	no
2672966	S VAN NESS AVE	S VAN NESS AVE		yes	149.77	206.59	209.40	56.81	59.62	2.81	yes	yes	yes
2672967	W 108TH ST	W 108TH ST		yes	70.22	164.67	227.83	94.45	157.61	63.16	yes	yes	yes
2672968	S VAN NESS AVE	S VAN NESS AVE		yes	138.25	189.01	191.73	50.76	53.48	2.72	yes	yes	yes
2672969	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY		yes	544.61	1,025.55	1,011.71	480.94	467.10	-13.84	yes	yes	no
2672970	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY		yes	445.23	785.71	884.73	340.48	439.50	99.02	yes	yes	yes
2672971	CRENSHAW BLVD	CRENSHAW BLVD		yes	93.36	213.97	121.74	120.61	28.38	-92.22	yes	yes	no
2672972	S YUKON AVE	S YUKON AVE		yes	187.85	323.05	282.54	135.20	94.68	-40.52	yes	yes	no
2672973	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY		yes	438.89	750.22	837.91	311.34	399.03	87.69	yes	yes	yes
2672974	S PRAIRIE AVE	S PRAIRIE AVE		yes	437.78	736.70	658.22	298.92	220.45	-78.48	yes	yes	no
2672977			0	yes	5.51	11.59	9.71	6.08	4.20	-1.88	yes	yes	no
2672978	VISTA DEL MAR	VISTA DEL MAR		yes	291.23	391.28	343.37	100.05	52.14	-47.91	yes	yes	no
2672985			0	yes	22.53	23.87	20.78	1.34	-1.75	-3.09	yes	no	no
2672986	MAIN ST	MAIN ST		yes	335.81	473.98	413.61	138.17	77.80	-60.37	yes	yes	no
2672987	E MARIPOSA AVE	E MARIPOSA AVE		yes	396.80	524.83	470.24	128.02	73.43	-54.59	yes	yes	no
2672988	E GRAND AVE	E GRAND AVE		yes	250.97	315.31	314.71	64.34	63.74	-0.60	yes	yes	no
2672989			0	yes	32.16	39.20	32.69	7.04	0.53	-6.51	yes	no	no
2672990	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD		yes	1,439.38	1,995.26	1,839.92	555.88	400.54	-155.34	yes	yes	no
2672991	E MARIPOSA AVE	E MARIPOSA AVE		yes	221.83	232.27	272.61	10.44	50.77	40.34	yes	yes	yes
2672992	N SEPULVEDA BLVD	N SEPULVEDA BLVD		yes	9,921.23	15,866.81	12,107.26	5,945.58	2,186.03	-3,759.55	yes	yes	no
2672993	E GRAND AVE	E GRAND AVE		yes	497.42	595.55	457.45	98.14	-39.97	-138.11	yes	no	no
2672995	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD		yes	641.32	688.68	746.01	47.36	104.69	57.33	yes	yes	yes
2672998			0	yes	9.26	18.16	13.36	8.91	4.10	-4.81	yes	yes	no
2672999	LAIRPORT ST	LAIRPORT ST		yes	5.06	17.92	13.70	12.86	8.64	-4.22	yes	yes	no
2673001	N NASH ST	N NASH ST		yes	489.52	904.38	738.58	414.86	249.06	-165.81	yes	yes	no
2673002	CONTINENTAL BLVD	CONTINENTAL BLVD		yes	825.80	1,294.81	1,012.49	469.01	186.69	-282.32	yes	yes	no
2673003	DULEY RD	DULEY RD		yes	36.50	41.92	42.87	5.42	6.37	0.95	yes	yes	no
2673004			0	yes	129.88	211.56	179.15	81.67	49.27	-32.41	yes	yes	no
2673006	E GRAND AVE	E GRAND AVE		yes	42.90	67.23	62.29	24.33	19.39	-4.94	yes	yes	no
2673008	N NASH ST	N NASH ST		yes	136.00	400.88	284.95	264.88	148.95	-115.92	yes	yes	no
2673010	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD		yes	1,465.50	2,222.82	1,678.83	757.32	213.32	-544.00	yes	yes	no

ID	ROAD_NAME			Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP			2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2673012	0	0	yes	88.08	107.94	96.25	19.85	8.17	-11.68	yes	yes	no	
2673013	0	0	yes	50.78	69.53	63.65	18.75	12.86	-5.88	yes	yes	no	
2673017	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	460.22	644.69	711.65	184.47	251.43	66.96	yes	yes	yes	
2673018	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	386.42	1,112.15	1,348.19	725.74	961.77	236.03	yes	yes	yes	
2673019	W 119TH PL	W 119TH PL	yes	765.68	1,714.31	1,885.85	948.63	1,120.17	171.54	yes	yes	yes	
2673020	0	0	yes	2.15	4.84	6.56	2.70	4.41	1.72	yes	yes	yes	
2673021	N AVIATION BLVD	N AVIATION BLVD	yes	5,268.07	8,050.26	10,335.72	2,782.20	5,067.66	2,285.46	yes	yes	yes	
2673022	0	0	yes	65.69	89.68	82.66	23.99	-7.02	16.97	yes	yes	no	
2673023	N AVIATION BLVD	N AVIATION BLVD	yes	4,398.54	6,191.14	8,190.98	1,792.60	3,792.45	1,999.84	yes	yes	yes	
2673025	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	2,559.22	4,036.88	5,163.61	1,477.66	2,604.39	1,126.73	yes	yes	yes	
2673026	W 120TH ST	W 120TH ST	yes	396.52	533.38	771.90	136.86	375.39	238.53	yes	yes	yes	
2673027	0	0	yes	33.58	46.17	44.33	12.60	10.76	-1.84	yes	yes	no	
2673028	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	1,696.04	2,551.54	3,805.45	855.50	2,109.41	1,253.91	yes	yes	yes	
2673029	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	522.55	616.09	717.44	93.54	194.90	101.35	yes	yes	yes	
2673034	0	0	yes	120.94	170.07	153.89	49.13	32.95	-16.18	yes	yes	no	
2673037	0	0	yes	50.78	63.10	56.62	12.33	5.84	-6.48	yes	yes	no	
2673042	0	0	yes	5.21	6.37	5.35	1.16	0.14	-1.02	yes	no	no	
2673054	0	0	yes	50.54	76.05	73.66	25.51	23.12	-2.40	yes	yes	no	
2673058	0	0	yes	72.52	104.50	99.30	31.98	26.77	-5.20	yes	yes	no	
2673060	0	0	yes	7.56	8.69	6.25	1.13	-1.32	-2.45	yes	no	no	
2673067	0	0	yes	27.53	37.61	35.84	10.09	8.31	-1.77	yes	yes	no	
2673072	0	0	yes	56.60	76.20	68.90	19.60	12.30	-7.30	yes	yes	no	
2673076	0	0	yes	115.37	156.60	142.08	41.22	26.71	-14.52	yes	yes	no	
2673082	0	0	yes	56.17	110.09	104.71	53.92	48.53	-5.38	yes	yes	no	
2673083	BIRCH AVE	BIRCH AVE	yes	317.77	527.19	514.89	209.42	197.13	-12.29	yes	yes	no	
2673086	W 120TH ST	W 120TH ST	yes	281.27	492.06	688.97	210.79	407.70	196.91	yes	yes	yes	
2673087	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	1,194.40	2,076.14	3,252.89	881.74	2,058.50	1,176.76	yes	yes	yes	
2673088	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	1,064.51	2,095.12	1,850.50	1,030.61	785.99	-244.62	yes	yes	no	
2673089	S PRAIRIE AVE	S PRAIRIE AVE	yes	115.77	213.67	120.13	97.89	4.36	-93.53	yes	yes	no	
2673090	W 120TH ST	W 120TH ST	yes	129.20	271.21	359.06	142.01	229.86	87.85	yes	yes	yes	
2673091	S PRAIRIE AVE	S PRAIRIE AVE	yes	115.77	213.67	120.13	97.89	4.35	-93.54	yes	yes	no	
2673092	W 120TH ST	W 120TH ST	yes	76.15	190.57	254.34	114.42	178.20	63.77	yes	yes	yes	
2673093	0	0	yes	16.49	22.07	20.79	5.58	4.30	-1.28	yes	yes	no	
2673094	0	0	yes	10.33	14.08	13.12	3.75	2.79	-0.97	yes	yes	no	
2673096	S PRAIRIE AVE	S PRAIRIE AVE	yes	152.13	271.77	207.46	119.63	55.33	-64.31	yes	yes	no	
2673097	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	582.55	639.06	955.55	56.51	373.01	316.50	yes	yes	yes	
2673098	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	833.52	1,668.71	1,494.66	835.20	661.14	-174.06	yes	yes	no	
2673099	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	846.99	1,400.14	1,484.53	553.14	637.54	84.40	yes	yes	yes	
2673100	W 135TH ST	W 135TH ST	yes	19.82	48.49	33.34	28.67	13.51	-15.16	yes	yes	no	
2673101	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	474.89	538.30	649.49	63.41	174.61	111.20	yes	yes	yes	
2673103	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	712.55	807.82	1,090.15	95.27	377.60	282.33	yes	yes	yes	
2673104	W ROSECRANS AVE	W ROSECRANS AVE	yes	610.63	1,007.44	912.20	396.81	301.57	-95.24	yes	yes	no	
2673105	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	432.95	504.06	615.36	71.11	182.41	111.30	yes	yes	yes	
2673106	0	0	yes	2.50	8.08	24.82	5.58	22.32	16.74	yes	yes	yes	
2673107	0	0	yes	34.61	43.98	37.14	9.37	2.53	-6.84	yes	yes	no	
2673108	W 142ND ST	W 142ND ST	yes	631.41	1,061.64	1,070.79	430.23	439.38	9.15	yes	yes	yes	
2673109	W 135TH ST	W 135TH ST	yes	26.50	37.88	30.08	11.38	3.58	-7.80	yes	yes	no	
2673110	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	536.32	811.84	840.03	275.52	303.71	28.19	yes	yes	yes	
2673111	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	19.87	25.05	46.55	5.18	26.68	21.50	yes	yes	yes	
2673113	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	264.71	508.76	455.39	244.05	190.68	-53.37	yes	yes	no	
2673114	HAWTHORNE BLVD	HAWTHORNE BLVD	yes	587.15	880.93	921.88	293.79	334.74	40.95	yes	yes	yes	
2673116	W 135TH ST	W 135TH ST	yes	4.39	16.51	10.71	12.12	6.31	-5.81	yes	yes	no	
2673117	PRAIRIE AVE	PRAIRIE AVE	yes	315.30	540.54	543.79	225.23	228.49	3.26	yes	yes	yes	
2673118	PRAIRIE AVE	PRAIRIE AVE	yes	185.84	342.91	348.81	157.07	162.97	5.90	yes	yes	yes	
2673119	ROSECRANS AVE	ROSECRANS AVE	yes	610.36	997.53	1,025.48	387.17	415.12	27.96	yes	yes	yes	
2673120	YUKON AVE	YUKON AVE	yes	63.92	98.68	95.44	34.76	31.52	-3.24	yes	yes	no	
2673121	W 135TH ST	W 135TH ST	yes	111.68	188.84	183.76	77.17	72.08	-5.08	yes	yes	no	
2673122	ROSECRANS AVE	ROSECRANS AVE	yes	516.20	808.10	846.86	291.90	330.66	38.76	yes	yes	yes	
2673124	YUKON AVE	YUKON AVE	yes	116.41	173.50	170.56	57.09	54.15	-2.94	yes	yes	no	
2673125	0	0	yes	89.61	118.94	110.74	29.34	21.13	-8.20	yes	yes	no	
2673126	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	560.08	1,000.88	1,021.70	440.80	461.63	20.83	yes	yes	yes	
2673127	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	360.62	702.45	736.51	341.83	375.89	34.06	yes	yes	yes	
2673128	CRENSHAW BLVD	CRENSHAW BLVD	yes	317.01	381.65	327.48	64.64	10.47	-54.18	yes	yes	no	
2673129	W 134TH PL	W 134TH PL	yes	93.16	159.32	158.92	66.16	65.76	-0.40	yes	yes	no	
2673130	ROSECRANS AVE	ROSECRANS AVE	yes	472.94	756.74	809.11	283.80	336.17	52.37	yes	yes	yes	
2673131	CRENSHAW BLVD	CRENSHAW BLVD	yes	317.91	393.90	340.79	75.99	22.88	-53.11	yes	yes	no	

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2673133	W ROSECRANS AVE	W ROSECRANS AVE	yes	778.82	3,536.83	2,260.07	2,758.01	1,481.24	-1,276.76	yes	yes	no
2673134	W 135TH ST	W 135TH ST	yes	238.64	366.59	308.65	127.95	70.02	-57.94	yes	yes	no
2673135	0	0	yes	55.14	73.22	65.88	18.07	10.74	-7.34	yes	yes	no
2673140	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	7,878.30	13,441.92	10,386.11	5,563.62	2,507.81	-3,055.81	yes	yes	no
2673142	S SEPULVEDA BLVD	S SEPULVEDA BLVD	yes	7,878.30	13,441.92	10,386.11	5,563.62	2,507.81	-3,055.81	yes	yes	no
2673145	0	0	yes	6.45	7.48	6.63	1.03	0.18	-0.86	yes	no	no
2673146	14TH ST	14TH ST	yes	6.01	8.77	7.11	2.76	1.10	-1.66	yes	yes	no
2673147	0	0	yes	21.75	48.90	40.45	27.15	18.71	-8.44	yes	yes	no
2673451	0	0	yes	3.44	4.59	4.27	1.15	0.83	-0.32	yes	no	no
2673479	0	0	yes	3.70	6.88	6.54	3.18	2.85	-0.34	yes	yes	no
2673482	0	0	yes	30.24	39.95	35.63	9.71	5.39	-4.32	yes	yes	no
2673484	0	0	yes	1.06	10.80	10.55	9.74	9.49	-0.25	yes	yes	no
2673486	W 120TH ST	W 120TH ST	yes	163.81	305.32	315.28	141.51	151.47	9.96	yes	yes	yes
2673487	S NORMANDIE AVE	S NORMANDIE AVE	yes	42.71	50.29	42.81	7.58	0.10	-7.48	yes	no	no
2673489	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	215.35	418.28	444.23	202.93	228.89	25.96	yes	yes	yes
2673490	W 120TH ST	W 120TH ST	yes	85.11	217.89	240.69	132.78	155.59	22.80	yes	yes	yes
2673491	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	194.41	348.65	388.14	154.24	193.73	39.49	yes	yes	yes
2673494	S BROADWAY	S BROADWAY	yes	143.79	276.23	222.13	132.44	78.34	-54.11	yes	yes	no
2673496	S BROADWAY	S BROADWAY	yes	95.14	217.24	163.53	122.09	68.38	-53.71	yes	yes	no
2673534	W MANCHESTER AVE	W MANCHESTER AVE	yes	188.38	491.05	1,238.25	302.67	1,049.87	747.20	yes	yes	yes
2673535	S NORMANDIE AVE	S NORMANDIE AVE	yes	76.07	113.91	116.13	37.83	40.05	2.22	yes	yes	yes
2673537	0	0	yes	14.99	20.09	17.91	5.10	2.92	-2.17	yes	yes	no
2673538	W CENTURY BLVD	W CENTURY BLVD	yes	7,049.79	14,651.02	12,521.83	7,601.23	5,472.04	-2,129.19	yes	yes	no
2673539	W CENTURY BLVD	W CENTURY BLVD	yes	7,049.79	14,651.02	12,521.83	7,601.23	5,472.04	-2,129.19	yes	yes	no
2673542	0	0	yes	12.79	19.50	20.53	6.71	7.74	1.03	yes	yes	yes
2673543	0	0	yes	5.26	6.56	5.49	1.30	0.23	-1.07	yes	no	no
2673545	0	0	yes	5.42	6.63	6.21	1.21	0.79	-0.42	yes	no	no
2673547	0	0	yes	33.94	49.49	47.03	15.55	13.10	-2.45	yes	yes	no
2673548	0	0	yes	13.14	18.18	18.06	5.04	4.91	-0.12	yes	yes	no
2673552	S WESTERN AVE	S WESTERN AVE	yes	7.80	21.64	18.36	13.84	10.56	-3.28	yes	yes	no
2673553	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	459.42	864.89	849.20	405.47	389.79	-15.68	yes	yes	no
2673554	W 108TH ST	W 108TH ST	yes	18.15	81.29	151.39	63.15	133.24	70.10	yes	yes	yes
2673555	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	435.42	837.12	812.46	401.69	377.03	-24.66	yes	yes	no
2673556	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	370.07	733.84	707.92	363.77	337.85	-25.92	yes	yes	no
2673557	W 110TH ST	W 110TH ST	yes	20.63	79.52	141.97	58.88	121.34	62.46	yes	yes	yes
2673562	0	0	yes	19.99	24.05	20.94	4.06	0.95	-3.10	yes	no	no
2673566	W 135TH ST	W 135TH ST	yes	70.74	122.86	125.18	52.12	54.44	2.33	yes	yes	yes
2673567	VAN NESS AVE	VAN NESS AVE	yes	26.78	40.43	28.75	13.65	1.98	-11.67	yes	yes	no
2673568	W EL SEGUNDO BLVD	W EL SEGUNDO BLVD	yes	637.46	982.72	953.38	345.25	315.92	-29.34	yes	yes	no
2673571	W 135TH ST	W 135TH ST	yes	13.76	39.88	39.65	26.12	25.88	-0.23	yes	yes	no
2673574	W 135TH ST	W 135TH ST	yes	6.81	45.01	43.13	38.21	36.33	-1.88	yes	yes	no
2673575	S NORMANDIE AVE	S NORMANDIE AVE	yes	61.02	107.04	87.48	46.03	26.46	-19.57	yes	yes	no
2673576	W 130TH ST	W 130TH ST	yes	35.61	76.79	67.89	41.19	32.28	-8.91	yes	yes	no
2673577	S VERMONT AVE	S VERMONT AVE	yes	108.27	154.29	121.54	46.03	13.27	-32.76	yes	yes	no
2673582	S NORMANDIE AVE	S NORMANDIE AVE	yes	200.57	279.13	256.37	78.56	55.80	-22.76	yes	yes	no
2673592	0	0	yes	96.34	125.32	113.73	28.98	17.39	-11.59	yes	yes	no
2673609	YUKON AVE	YUKON AVE	yes	10.78	21.63	17.63	10.85	6.85	-4.00	yes	yes	no
2673610	CRENSHAW BLVD	CRENSHAW BLVD	yes	151.39	261.39	247.99	110.00	96.60	-13.40	yes	yes	no
2673621	0	0	yes	6.34	12.67	9.77	6.33	3.43	-2.90	yes	yes	no
2673623	UNKNOWN	UNKNOWN	yes	2.01	4.78	3.11	2.76	1.10	-1.67	yes	yes	no
2673670	VAN NESS AVE	VAN NESS AVE	yes	226.82	292.12	290.05	65.29	63.23	-2.06	yes	yes	no
2674194	LOYOLA BLVD	LOYOLA BLVD	yes	48.43	166.15	136.89	117.71	88.45	-29.26	yes	yes	no
2674195	W MANCHESTER AVE	W MANCHESTER AVE	yes	551.14	787.89	158.45	236.75	-392.69	-629.45	yes	no	no
2674196	W 83RD ST	W 83RD ST	yes	7.44	22.88	5.66	15.44	-1.78	-17.22	yes	no	no
2674197	W 83RD ST	W 83RD ST	yes	202.71	279.19	256.80	76.47	54.09	-22.38	yes	yes	no
2674198	W 83RD ST	W 83RD ST	yes	51.85	62.13	78.83	10.28	26.99	16.70	yes	yes	yes
2674199	W 83RD ST	W 83RD ST	yes	176.40	251.92	209.67	75.53	33.28	-42.25	yes	yes	no
2674200	W MANCHESTER AVE	W MANCHESTER AVE	yes	667.03	804.98	715.08	137.95	48.05	-89.90	yes	yes	no
2674201	W 83RD ST	W 83RD ST	yes	176.40	251.92	209.67	75.53	33.28	-42.25	yes	yes	no
2674202	0	0	yes	25.53	34.87	32.53	9.34	7.00	-2.33	yes	yes	no
2674203	W 83RD ST	W 83RD ST	yes	25.53	34.87	32.55	9.34	7.02	-2.32	yes	yes	no
2674204	0	0	yes	202.71	279.19	254.40	76.47	51.68	-24.79	yes	yes	no
2674205	NICHOLSON ST	NICHOLSON ST	yes	2,652.60	3,395.12	3,064.19	742.52	411.59	-330.93	yes	yes	no
2674207	W MANCHESTER AVE	W MANCHESTER AVE	yes	1,005.11	1,272.16	1,088.93	267.05	83.81	-183.23	yes	yes	no
2674208	W 83RD ST	W 83RD ST	yes	347.53	465.76	424.83	118.23	77.30	-40.93	yes	yes	no
2674209	0	0	yes	35.53	47.79	43.42	12.26	7.89	-4.37	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2674210	CRENSHAW BLVD	CRENSHAW BLVD	yes	714.56	760.49	696.94	45.93	-17.62	-63.55	yes	no	no
2674211	CRENSHAW BLVD	CRENSHAW BLVD	yes	130.25	205.43	203.39	75.18	73.14	-2.04	yes	yes	no
2674212	76TH ST	76TH ST	yes	33.32	70.71	233.09	37.39	199.77	162.38	yes	yes	yes
2674213	8TH AVE	8TH AVE	yes	533.94	1,055.88	1,056.45	521.93	522.50	0.57	yes	yes	no
2674214	76TH ST	76TH ST	yes	38.82	168.61	661.77	129.80	622.95	493.15	yes	yes	yes
2674215	76TH ST	76TH ST	yes	33.32	70.71	233.09	37.39	199.77	162.38	yes	yes	yes
2674217	76TH ST	76TH ST	yes	38.82	168.61	661.77	129.80	622.95	493.15	yes	yes	yes
2674218	WEST BLVD	WEST BLVD	yes	46.80	145.77	213.64	98.97	166.83	67.86	yes	yes	yes
2674219	67TH ST	67TH ST	yes	92.26	219.75	231.31	127.49	139.04	11.56	yes	yes	yes
2674220	8TH AVE	8TH AVE	yes	1,446.30	2,674.73	2,766.95	1,228.44	1,320.65	92.21	yes	yes	yes
2674221	67TH ST	67TH ST	yes	1,001.52	1,840.57	1,845.69	839.05	844.17	5.13	yes	yes	yes
2674222	67TH ST	67TH ST	yes	493.50	1,114.03	1,207.32	620.52	713.82	93.30	yes	yes	yes
2674223	CRENSHAW BLVD	CRENSHAW BLVD	yes	192.17	590.22	592.76	398.05	400.59	2.54	yes	yes	yes
2674225	67TH ST	67TH ST	yes	95.01	224.57	235.88	129.56	140.87	11.30	yes	yes	yes
2674229	S VAN NESS AVE	S VAN NESS AVE	yes	135.83	157.48	153.76	21.64	17.92	-3.72	yes	yes	no
2674230	W 60TH ST	W 60TH ST	yes	33.59	38.57	33.83	4.98	0.24	-4.74	yes	no	no
2674231	W 60TH ST	W 60TH ST	yes	0.16	1.84	3.90	1.69	3.74	2.05	yes	yes	yes
2674232	8TH AVE	8TH AVE	yes	81.17	114.49	116.21	33.32	35.04	1.72	yes	yes	yes
2674233	W 60TH ST	W 60TH ST	yes	34.25	58.82	67.15	24.57	32.90	8.33	yes	yes	yes
2674234	CRENSHAW BLVD	CRENSHAW BLVD	yes	349.86	490.10	455.98	140.25	106.12	-34.13	yes	yes	no
2674238	W 60TH ST	W 60TH ST	yes	14.10	21.65	20.72	7.55	6.62	-0.93	yes	yes	no
2674239	ALVISO AVE	ALVISO AVE	yes	5.26	26.16	19.79	20.90	14.52	-6.37	yes	yes	no
2674240	W 60TH ST	W 60TH ST	yes	1.50	3.17	2.39	1.67	0.89	-0.78	yes	no	no
2674241	4TH AVE	4TH AVE	yes	0.15	1.70	3.70	1.55	3.55	1.99	yes	yes	yes
2674243	4TH AVE	4TH AVE	yes	0.97	4.11	9.78	3.14	8.81	5.67	yes	yes	yes
2674244	4TH AVE	4TH AVE	yes	2.52	7.47	14.15	4.96	11.63	6.68	yes	yes	yes
2674245	W 54TH ST	W 54TH ST	yes	6.26	24.92	23.98	18.66	17.72	-0.94	yes	yes	no
2674246	4TH AVE	4TH AVE	yes	0.05	1.19	3.16	1.14	3.11	1.97	yes	yes	yes
2674247	W SLAUSON AVE	W SLAUSON AVE	yes	2.11	4.70	5.73	2.59	3.62	1.03	yes	yes	yes
2674255	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	258.74	364.72	321.01	105.98	62.26	-43.71	yes	yes	no
2674257	DEGNAB BLVD	DEGNAB BLVD	yes	122.52	181.07	145.78	58.55	23.26	-35.29	yes	yes	no
2674258	DEGNAB BLVD	DEGNAB BLVD	yes	70.14	128.33	101.55	58.19	31.42	-26.77	yes	yes	no
2674259	COLISEUM ST	COLISEUM ST	yes	110.34	177.53	148.97	67.19	38.63	-28.56	yes	yes	no
2674260	4TH AVE	4TH AVE	yes	44.17	57.14	59.79	12.97	15.62	2.64	yes	yes	yes
2674261	RODEO RD	RODEO RD	yes	87.04	121.39	103.39	34.36	16.36	-18.00	yes	yes	no
2674263	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	2,146.80	2,558.76	2,074.48	411.95	-72.32	-484.28	yes	no	no
2674265	4TH AVE	4TH AVE	yes	61.33	84.81	92.24	23.48	30.91	7.43	yes	yes	yes
2674266	W 39TH ST	W 39TH ST	yes	107.49	141.20	102.29	33.72	-5.20	-38.92	yes	no	no
2674267	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	298.51	391.85	353.99	93.34	55.48	-37.86	yes	yes	no
2674268	6TH ST	6TH ST	yes	75.34	109.82	97.80	34.48	22.46	-12.01	yes	yes	no
2674269	6TH ST	6TH ST	yes	3.18	6.66	5.92	3.48	2.75	-0.73	yes	yes	no
2674276	S HARCOURT AVE	S HARCOURT AVE	yes	124.99	420.10	359.72	295.11	234.72	-60.38	yes	yes	no
2674277	W JEFFERSON BLVD	W JEFFERSON BLVD	yes	115.14	137.88	124.22	22.74	9.08	-13.65	yes	yes	no
2674278	S HARCOURT AVE	S HARCOURT AVE	yes	43.87	251.54	208.54	207.67	164.67	-43.00	yes	yes	no
2674279	W ADAMS BLVD	W ADAMS BLVD	yes	141.14	259.52	266.42	118.38	125.28	6.90	yes	yes	yes
2674283	S HARCOURT AVE	S HARCOURT AVE	yes	123.67	418.17	357.88	294.50	234.21	-60.29	yes	yes	no
2674284	HAUSER BLVD	HAUSER BLVD	yes	227.96	293.14	304.11	65.18	76.15	10.97	yes	yes	yes
2674285	WESTHEAVEN ST	WESTHEAVEN ST	yes	4.59	8.20	6.60	3.61	2.01	-1.60	yes	yes	no
2674286	S REDONDO BLVD	S REDONDO BLVD	yes	276.80	477.32	453.04	200.52	176.24	-24.27	yes	yes	no
2674287	WESTHEAVEN ST	WESTHEAVEN ST	yes	12.87	14.09	15.90	1.22	3.03	1.81	yes	yes	yes
2674298	4TH AVE	4TH AVE	yes	10.45	14.85	15.65	4.40	5.20	0.80	yes	yes	yes
2674300	4TH AVE	4TH AVE	yes	3.36	5.21	5.43	1.85	2.08	0.22	yes	yes	no
2674301	ABBOT KINNEY BLVD	ABBOT KINNEY BLVD	yes	71.44	84.71	63.41	13.27	-8.03	-21.30	yes	no	no
2674302	LINCOLN BLVD	LINCOLN BLVD	yes	6,626.83	8,557.26	7,483.17	1,930.44	856.34	-1,074.10	yes	yes	no
2674304	4TH AVE	4TH AVE	yes	3.34	5.19	5.41	1.84	2.07	0.23	yes	yes	no
2674309	LINCOLN BLVD	LINCOLN BLVD	yes	6,630.31	8,569.41	7,494.65	1,939.10	864.34	-1,074.76	yes	yes	no
2674310	PENMAR AVE	PENMAR AVE	yes	18.34	25.25	23.56	6.92	5.23	-1.69	yes	yes	no
2674322	S BROADWAY	S BROADWAY	yes	50.15	60.86	67.27	10.70	17.12	6.41	yes	yes	yes
2674323	E 111TH ST	E 111TH ST	yes	3.74	6.25	7.86	2.52	4.12	1.60	yes	yes	yes
2674327	S MAIN ST	S MAIN ST	yes	0.33	2.41	2.06	2.08	1.73	-0.35	yes	yes	no
2674328	E 111TH ST	E 111TH ST	yes	7.97	25.52	15.50	17.54	7.53	-10.02	yes	yes	no
2674332	E 111TH ST	E 111TH ST	yes	8.09	26.47	15.49	18.38	7.40	-10.98	yes	yes	no
2674333	S BROADWAY	S BROADWAY	yes	34.46	40.72	58.56	6.25	24.10	17.84	yes	yes	yes
2674334	S BROADWAY	S BROADWAY	yes	42.54	51.39	81.08	8.86	38.55	29.69	yes	yes	yes
2674336	E 104TH ST	E 104TH ST	yes	10.46	29.40	66.25	18.93	55.79	36.86	yes	yes	yes
2674339	E 104TH ST	E 104TH ST	yes	10.97	28.52	56.02	17.55	45.06	27.51	yes	yes	yes

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2674340	S MAIN ST	S MAIN ST	yes	2.58	4.48	6.83	1.90	4.25	2.35	yes	yes	yes
2674350	E 88TH ST	E 88TH ST	yes	59.48	231.16	212.46	171.67	152.98	-18.70	yes	yes	no
2674351	S FIGUEROA ST	S FIGUEROA ST	yes	1,434.95	2,084.85	1,712.10	649.90	277.15	-372.75	yes	yes	no
2674352	E 88TH ST	E 88TH ST	yes	2.14	10.80	5.79	8.67	3.65	-5.01	yes	yes	no
2674353	S BROADWAY	S BROADWAY	yes	2,281.84	5,777.21	5,070.24	3,495.37	2,788.40	-706.97	yes	yes	no
2674354	E 88TH ST	E 88TH ST	yes	2.16	8.34	11.17	6.17	9.00	2.83	yes	yes	yes
2674361	E 83TH ST	E 83TH ST	yes	7.83	11.65	18.00	3.82	10.17	6.35	yes	yes	yes
2674366	S MAIN ST	S MAIN ST	yes	20.45	63.82	57.31	43.37	36.86	-6.51	yes	yes	no
2674367	E 83TH ST	E 83TH ST	yes	24.94	41.69	60.60	16.75	35.66	18.91	yes	yes	yes
2674368	E 83TH ST	E 83TH ST	yes	18.01	24.95	41.12	6.94	23.11	16.17	yes	yes	yes
2674369	S FIGUEROA ST	S FIGUEROA ST	yes	339.29	394.96	491.20	55.67	151.91	96.24	yes	yes	yes
2674376	E 76TH ST	E 76TH ST	yes	38.02	47.45	53.38	9.43	15.36	5.93	yes	yes	yes
2674377	S MAIN ST	S MAIN ST	yes	134.35	338.03	339.13	203.69	204.78	1.09	yes	yes	yes
2674378	E 76TH ST	E 76TH ST	yes	165.35	336.31	361.39	170.96	196.04	25.08	yes	yes	yes
2674380	E 76TH ST	E 76TH ST	yes	6.64	23.36	41.48	16.72	34.84	18.12	yes	yes	yes
2674381	S FIGUEROA ST	S FIGUEROA ST	yes	330.28	405.57	513.05	75.29	182.77	107.48	yes	yes	yes
2674382	E 76TH ST	E 76TH ST	yes	8.24	26.57	45.49	18.34	37.25	18.92	yes	yes	yes
2674383	S HOOVER ST	S HOOVER ST	yes	6.86	10.75	11.71	3.89	4.84	0.95	yes	yes	no
2674385	W 48TH ST	W 48TH ST	yes	84.43	121.22	108.00	36.79	23.58	-13.22	yes	yes	no
2674386	W 48TH ST	W 48TH ST	yes	223.51	425.21	453.48	201.70	229.97	28.26	yes	yes	yes
2674387	S BROADWAY	S BROADWAY	yes	2,692.05	5,680.09	5,524.61	2,988.04	2,832.57	-155.48	yes	yes	no
2674388	W 48TH ST	W 48TH ST	yes	126.03	238.92	246.74	112.89	120.71	7.83	yes	yes	yes
2674389	S MAIN ST	S MAIN ST	yes	833.47	1,619.68	1,513.24	786.21	679.77	-106.44	yes	yes	no
2674465	S VERMONT AVE	S VERMONT AVE	yes	73.75	164.48	141.70	90.73	67.95	-22.78	yes	yes	no
2674466	E 111TH ST	E 111TH ST	yes	5.44	59.20	61.80	53.76	56.36	2.60	yes	yes	yes
2674467	S FIGUEROA ST	S FIGUEROA ST	yes	6.27	16.07	26.30	9.80	20.02	10.22	yes	yes	yes
2674468	E 111TH ST	E 111TH ST	yes	16.34	93.83	90.05	77.49	73.71	-3.78	yes	yes	no
2674469	S HOOVER ST	S HOOVER ST	yes	10.62	12.87	20.86	2.24	10.23	7.99	yes	yes	yes
2674471	E 104TH ST	E 104TH ST	yes	14.18	34.65	59.84	20.47	45.66	25.19	yes	yes	yes
2674472	S VERMONT AVE	S VERMONT AVE	yes	87.15	155.38	122.04	68.23	34.89	-33.34	yes	yes	no
2674473	E 104TH ST	E 104TH ST	yes	12.41	36.93	34.89	24.53	22.48	-2.05	yes	yes	no
2674474	S HOOVER ST	S HOOVER ST	yes	14.38	18.14	20.23	3.76	5.85	2.09	yes	yes	yes
2674475	E 104TH ST	E 104TH ST	yes	8.51	24.32	22.41	15.81	13.90	-1.91	yes	yes	no
2674476	S FIGUEROA ST	S FIGUEROA ST	yes	13.31	34.08	92.64	20.77	79.33	58.56	yes	yes	yes
2674477	S FIGUEROA ST	S FIGUEROA ST	yes	18.30	47.81	114.19	29.51	95.89	66.38	yes	yes	yes
2674478	E 104TH ST	E 104TH ST	yes	9.10	29.44	66.80	20.34	57.70	37.36	yes	yes	yes
2674479	S BROADWAY	S BROADWAY	yes	27.75	34.29	55.52	6.54	27.77	21.23	yes	yes	yes
2674480	E 104TH ST	E 104TH ST	yes	7.54	14.84	9.13	7.30	1.58	-5.71	yes	yes	no
2674481	S VERMONT AVE	S VERMONT AVE	yes	87.52	135.89	107.89	48.36	20.37	-27.99	yes	yes	no
2674483	E 83TH ST	E 83TH ST	yes	7.02	9.28	24.25	2.26	17.23	14.97	yes	yes	yes
2674484	E 83TH ST	E 83TH ST	yes	21.02	30.19	45.49	9.17	24.48	15.31	yes	yes	yes
2674485	E 83TH ST	E 83TH ST	yes	17.66	41.88	62.68	24.22	45.02	20.80	yes	yes	yes
2674486	E 76TH ST	E 76TH ST	yes	11.66	41.93	209.52	30.27	197.86	167.59	yes	yes	yes
2674487	E 76TH ST	E 76TH ST	yes	13.27	52.82	130.30	39.55	117.03	77.48	yes	yes	yes
2674488	E 76TH ST	E 76TH ST	yes	6.22	29.40	43.24	23.17	37.02	13.85	yes	yes	yes
2674490	GRAMERCY PL	GRAMERCY PL	yes	111.12	313.37	165.38	202.24	54.25	-147.99	yes	yes	no
2674491	W 92ND ST	W 92ND ST	yes	9.02	73.24	21.34	64.21	12.32	-51.89	yes	yes	no
2674492	GRAMERCY PL	GRAMERCY PL	yes	104.29	243.30	146.18	139.01	41.89	-97.11	yes	yes	no
2674493	GRAMERCY PL	GRAMERCY PL	yes	105.08	164.45	176.70	59.37	71.62	12.25	yes	yes	yes
2674494	E 83TH ST	E 83TH ST	yes	2.90	5.68	18.45	2.78	15.56	12.78	yes	yes	yes
2674495	GRAMERCY PL	GRAMERCY PL	yes	90.32	128.25	125.18	37.93	34.87	-3.06	yes	yes	no
2674496	E 76TH ST	E 76TH ST	yes	12.05	45.37	207.72	33.32	195.67	162.35	yes	yes	yes
2674497	GRAMERCY PL	GRAMERCY PL	yes	89.98	124.84	126.99	34.86	37.02	2.16	yes	yes	yes
2674498	GRAMERCY PL	GRAMERCY PL	yes	1,491.77	2,510.44	2,573.35	1,018.67	1,081.58	62.91	yes	yes	yes
2674501	DENKER AVE	DENKER AVE	yes	117.06	184.82	107.23	67.76	-9.83	-77.59	yes	no	no
2674502	W MANCHESTER AVE	W MANCHESTER AVE	yes	199.14	524.21	1,260.26	325.08	1,061.12	736.04	yes	yes	yes
2674503	E 83TH ST	E 83TH ST	yes	8.15	21.95	42.52	13.80	34.37	20.58	yes	yes	yes
2674504	DENKER AVE	DENKER AVE	yes	104.19	176.58	102.77	72.38	-1.43	-73.81	yes	no	no
2674505	E 76TH ST	E 76TH ST	yes	20.71	44.62	98.56	23.92	77.85	53.93	yes	yes	yes
2674506	DENKER AVE	DENKER AVE	yes	96.84	185.02	134.62	88.18	37.79	-50.40	yes	yes	no
2674507	W FLORENCE AVE	W FLORENCE AVE	yes	2,403.98	5,563.64	5,875.15	3,159.66	3,471.18	311.52	yes	yes	yes
2674508	DENKER AVE	DENKER AVE	yes	692.04	1,042.44	1,058.42	350.40	366.38	15.98	yes	yes	yes
2674509	W MARTIN LUTHER KING JR BLVD	W MARTIN LUTHER KING JR BLVD	yes	1,873.46	2,875.87	2,788.18	1,002.41	914.72	-87.69	yes	yes	no
2674513	W 54TH ST	W 54TH ST	yes	172.41	187.20	168.20	14.79	-4.21	-19.00	yes	no	no
2674514	BUDLONG AVE	BUDLONG AVE	yes	70.06	82.00	45.54	11.94	-24.52	-36.46	yes	no	no
2674515	BUDLONG AVE	BUDLONG AVE	yes	26.45	41.96	31.27	15.50	4.81	-10.69	yes	yes	no

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2674516	W VERNON AVE	W VERNON AVE	yes	95.63	101.51	70.30	5.88	-25.33	-31.20	yes	no	no
2674517	W 48TH ST	W 48TH ST	yes	321.47	390.64	324.60	69.17	3.13	-66.04	yes	yes	no
2674518	BUDLONG AVE	BUDLONG AVE	yes	35.45	47.70	32.90	12.25	-2.55	-14.80	yes	no	no
2674519	W 48TH ST	W 48TH ST	yes	38.29	104.84	48.05	66.56	9.76	-56.79	yes	yes	no
2674520	W 48TH ST	W 48TH ST	yes	136.27	207.22	164.70	70.95	28.43	-42.52	yes	yes	no
2674521	W 48TH ST	W 48TH ST	yes	271.90	443.61	385.71	171.71	113.81	-57.90	yes	yes	no
2674522	0	0	yes	5.17	8.45	6.83	3.27	1.66	-1.61	yes	yes	no
2674524	W 51ST ST	W 51ST ST	yes	473.12	557.48	519.22	84.35	46.09	-38.26	yes	yes	no
2674526	W 51ST ST	W 51ST ST	yes	575.41	707.95	617.24	132.54	41.83	-90.71	yes	yes	no
2674527	S NORMANDIE AVE	S NORMANDIE AVE	yes	84.52	134.29	117.81	49.77	33.29	-16.48	yes	yes	no
2674528	W 51ST ST	W 51ST ST	yes	606.13	782.08	674.01	175.95	67.88	-108.07	yes	yes	no
2674529	BUDLONG AVE	BUDLONG AVE	yes	133.39	150.07	133.25	16.68	-0.15	-16.82	yes	no	no
2674530	W 51ST ST	W 51ST ST	yes	500.17	661.89	526.12	161.72	25.96	-135.76	yes	yes	no
2674531	S VERMONT AVE	S VERMONT AVE	yes	753.43	1,017.87	863.26	264.44	109.83	-154.61	yes	yes	no
2674532	S VERMONT AVE	S VERMONT AVE	yes	261.67	444.13	377.37	182.46	115.70	-66.76	yes	yes	no
2674534	W 51ST ST	W 51ST ST	yes	491.76	573.74	461.41	81.98	-30.35	-112.33	yes	no	no
2674535	S HOOVER ST	S HOOVER ST	yes	432.76	713.04	650.86	280.28	218.09	-62.18	yes	yes	no
2674536	DENKER AVE	DENKER AVE	yes	937.05	1,728.57	1,794.44	791.52	857.39	65.88	yes	yes	yes
2674537	W 54TH ST	W 54TH ST	yes	89.90	214.84	189.23	124.94	99.33	-25.60	yes	yes	no
2674538	DENKER AVE	DENKER AVE	yes	980.62	1,875.64	1,838.81	895.02	858.19	-36.83	yes	yes	no
2674539	W 51ST ST	W 51ST ST	yes	596.87	672.52	681.68	75.64	84.81	9.17	yes	yes	yes
2674540	DENKER AVE	DENKER AVE	yes	953.13	1,792.82	1,743.25	839.69	790.11	-49.57	yes	yes	no
2674541	W 48TH ST	W 48TH ST	yes	56.87	139.80	102.01	82.93	45.15	-37.78	yes	yes	no
2674542	DENKER AVE	DENKER AVE	yes	974.59	1,757.39	1,807.69	782.80	833.10	50.30	yes	yes	yes
2674543	W VERNON AVE	W VERNON AVE	yes	162.25	182.67	158.52	20.42	-3.73	-24.16	yes	no	no
2674544	DENKER AVE	DENKER AVE	yes	1,070.55	1,890.55	1,933.91	820.01	863.36	43.36	yes	yes	yes
2674547	BUDLONG AVE	BUDLONG AVE	yes	9.83	21.09	21.71	11.26	11.88	0.62	yes	yes	no
2674549	29th St	29th St	yes	49.85	70.77	66.09	20.92	16.24	-4.68	yes	yes	no
2674550	BUDLONG AVE	BUDLONG AVE	yes	24.00	35.87	37.72	11.87	13.71	1.84	yes	yes	yes
2674551	W ADAMS BLVD	W ADAMS BLVD	yes	33.67	41.63	43.82	7.95	10.15	2.20	yes	yes	yes
2674552	S ST ANDREWS PL	S ST ANDREWS PL	yes	104.75	141.79	118.88	37.03	14.13	-22.90	yes	yes	no
2674553	29th St	29th St	yes	162.42	234.04	207.16	71.62	44.74	-26.88	yes	yes	no
2674659	S BUNDY DR	S BUNDY DR	yes	218.80	368.48	278.76	149.67	59.96	-89.71	yes	yes	no
2674665	W OLYMPIC BLVD	W OLYMPIC BLVD	yes	138.42	219.28	182.12	80.86	43.69	-37.16	yes	yes	no
2674667	S CENTINELA AVE	S CENTINELA AVE	yes	141.26	205.45	184.34	64.19	43.08	-21.11	yes	yes	no
2674677	S CENTINELA AVE	S CENTINELA AVE	yes	141.25	205.43	184.28	64.18	43.03	-21.15	yes	yes	no
2674700	PALMS BLVD	PALMS BLVD	yes	28.09	35.92	38.72	7.82	10.63	2.81	yes	yes	yes
2674702	MILITARY AVE	MILITARY AVE	yes	13.00	18.34	16.64	5.34	3.64	-1.70	yes	yes	no
2674703	NATIONAL BLVD	NATIONAL BLVD	yes	68.91	83.05	76.16	14.14	7.24	-6.89	yes	yes	no
2674704	MILITARY AVE	MILITARY AVE	yes	22.45	31.70	27.79	9.25	5.34	-3.90	yes	yes	no
2674705	0	0	yes	12.13	15.48	13.73	3.35	1.59	-1.76	yes	yes	no
2674706	MILITARY AVE	MILITARY AVE	yes	13.00	18.34	16.64	5.34	3.64	-1.70	yes	yes	no
2674707	MILITARY AVE	MILITARY AVE	yes	17.41	25.34	22.38	7.93	4.97	-2.96	yes	yes	no
2674712	MANNING AVE	MANNING AVE	yes	4.63	7.13	4.73	2.50	0.10	-2.41	yes	no	no
2674727	BAGLEY AVE	BAGLEY AVE	yes	53.47	95.88	83.70	42.41	30.24	-12.17	yes	yes	no
2674728	BAGLEY AVE	BAGLEY AVE	yes	53.47	95.88	83.70	42.41	30.24	-12.17	yes	yes	no
2675279	8TH AVE	8TH AVE	yes	81.17	114.49	116.21	33.32	35.04	1.72	yes	yes	yes
2675281	S VAN NESS AVE	S VAN NESS AVE	yes	135.83	157.48	153.76	21.64	17.92	-3.72	yes	yes	no
2675282	0	0	yes	108.45	147.76	134.85	39.31	26.40	-12.90	yes	yes	no
2675285	4TH AVE	4TH AVE	yes	0.15	1.70	3.70	1.55	3.55	1.99	yes	yes	yes
2675288	BUCKLER AVE	BUCKLER AVE	yes	33.59	38.40	33.66	4.81	0.07	-4.74	yes	no	no
2675290	E FAIRVIEW BLVD	E FAIRVIEW BLVD	yes	0.32	2.24	2.08	1.92	1.76	-0.16	yes	yes	no
2675292	S WESTERN AVE	S WESTERN AVE	yes	29.85	97.59	31.74	67.74	1.89	-65.85	yes	yes	no
2675405	W 96TH ST	W 96TH ST	yes	7,785.27	18,890.76	13,373.64	11,105.49	5,588.37	-5,517.12	yes	yes	no
2675422	AIRPORT BLVD	AIRPORT BLVD	yes	17,476.65	29,766.87	21,960.45	12,290.22	4,483.80	-7,806.42	yes	yes	no
2675758	1405 HOV	1405 HOV	yes	5,219.55	7,202.96	7,248.58	1,983.40	2,029.03	45.63	yes	yes	yes
2675759	0	0	yes	5,219.55	7,202.96	7,248.58	1,983.40	2,029.03	45.63	yes	yes	yes
2675760	0	0	yes	495.63	987.77	671.23	492.14	175.60	-316.54	yes	yes	no
2675761	0	0	yes	4,723.92	6,215.18	6,577.35	1,491.26	1,853.43	362.16	yes	yes	yes
2675762	1405 HOV	1405 HOV	yes	456.01	835.22	627.45	379.21	171.44	-207.77	yes	yes	no
2675763	1405 HOV	1405 HOV	yes	5,179.93	7,050.41	7,204.80	1,870.47	2,024.86	154.39	yes	yes	yes
2675764	1405 HOV	1405 HOV	yes	0.00	15.88	42.66	15.88	42.66	26.78	yes	yes	yes
2675765	1405 HOV	1405 HOV	yes	5,179.93	7,034.53	7,162.13	1,854.60	1,982.20	127.61	yes	yes	yes
2675766	1405 HOV	1405 HOV	yes	212.08	540.58	496.01	328.50	283.93	-44.57	yes	yes	no
2675767	1405 HOV	1405 HOV	yes	5,392.02	7,575.11	7,658.15	2,183.10	2,266.13	83.04	yes	yes	yes
2675768	1405 HOV	1405 HOV	yes	668.21	1,069.34	896.59	401.14	228.38	-172.76	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2675769	I 405 HOV	I 405 HOV	yes	4,723.81	6,505.77	6,761.56	1,781.96	2,037.76	255.80	yes	yes	yes
2675770	I 405 HOV	I 405 HOV	yes	41.44	150.80	154.11	109.36	112.67	3.31	yes	yes	yes
2675771	I 405 HOV	I 405 HOV	yes	4,765.25	6,656.57	6,915.67	1,891.32	2,150.43	259.10	yes	yes	yes
2675772	I 405 HOV	I 405 HOV	yes	698.52	900.43	871.13	201.91	172.60	-29.31	yes	yes	no
2675773	I 405 HOV	I 405 HOV	yes	180.80	407.72	504.63	226.92	323.83	96.91	yes	yes	yes
2675774	I 405 HOV	I 405 HOV	yes	5,282.97	7,149.28	7,282.17	1,866.31	1,999.20	132.89	yes	yes	yes
2675775	I 405 HOV	I 405 HOV	yes	198.61	446.06	561.53	247.45	362.92	115.47	yes	yes	yes
2675776	I 405 HOV	I 405 HOV	yes	5,481.58	7,595.34	7,843.70	2,113.76	2,362.12	248.36	yes	yes	yes
2675777	I 405 HOV	I 405 HOV	yes	787.04	917.65	740.50	130.61	-46.54	-177.15	yes	no	no
2675778		0	0 yes	4,694.54	6,677.69	7,103.20	1,983.15	2,408.66	425.51	yes	yes	yes
2675779		0	0 yes	0.00	10.43	151.67	10.43	141.23	151.67	yes	yes	yes
2675780		0	0 yes	4,694.54	6,667.26	6,951.53	1,972.72	2,257.00	284.28	yes	yes	yes
2675781	I 405 HOV	I 405 HOV	yes	4.86	8.29	7.43	3.44	2.57	-0.86	yes	yes	no
2675782	I 405 HOV	I 405 HOV	yes	4,699.40	6,675.55	6,958.97	1,976.16	2,259.57	283.41	yes	yes	yes
2675783	I 405 HOV	I 405 HOV	yes	3,681.10	5,047.76	4,353.70	1,366.65	672.60	-694.05	yes	yes	no
2675784	I 405 HOV	I 405 HOV	yes	1,018.29	1,627.80	2,605.26	609.51	1,586.97	977.46	yes	yes	yes
2675785	I 405 HOV	I 405 HOV	yes	21.71	121.11	39.95	99.41	18.24	-81.16	yes	yes	no
2675786	I 405 HOV	I 405 HOV	yes	1,040.00	1,748.91	2,645.21	708.91	1,605.21	896.30	yes	yes	yes
2675787	I 405 HOV	I 405 HOV	yes	1,040.00	1,748.91	2,645.21	708.91	1,605.21	896.30	yes	yes	yes
2675788	I 405 HOV	I 405 HOV	yes	104.77	149.33	171.53	44.55	66.76	22.21	yes	yes	yes
2675789	I 405 HOV	I 405 HOV	yes	331.82	883.73	1,028.19	551.91	696.36	144.46	yes	yes	yes
2675790	I 405 HOV	I 405 HOV	yes	812.95	1,014.51	1,788.56	201.56	975.61	774.05	yes	yes	yes
2675791	I 405 HOV	I 405 HOV	yes	6.56	11.91	45.60	5.35	39.04	33.69	yes	yes	yes
2675792	I 405 HOV	I 405 HOV	yes	806.39	1,002.60	1,742.96	196.21	936.57	740.36	yes	yes	yes
2675794	I 405 HOV	I 405 HOV	yes	861.75	1,053.55	1,796.83	191.81	935.08	743.28	yes	yes	yes
2675795	I 405 HOV	I 405 HOV	yes	589.02	643.37	1,418.43	54.35	829.41	775.06	yes	yes	yes
2675796	I 405 HOV	I 405 HOV	yes	272.73	410.19	378.41	137.45	105.67	-31.78	yes	yes	no
2675797	I 405 HOV	I 405 HOV	yes	10.98	17.77	35.14	6.79	24.16	17.37	yes	yes	yes
2675798	I 405 HOV	I 405 HOV	yes	283.71	427.96	413.55	144.24	129.83	-14.41	yes	yes	no
2675801	I 405 HOV	I 405 HOV	yes	68.69	93.62	105.86	24.93	37.17	12.24	yes	yes	yes
2675802	I 405 HOV	I 405 HOV	yes	215.02	334.34	307.68	119.32	92.67	-26.65	yes	yes	no
2675804	I 405 HOV	I 405 HOV	yes	218.37	337.44	311.49	119.06	93.12	-25.95	yes	yes	no
2675805	I 405 HOV	I 405 HOV	yes	207.69	486.07	67.37	278.38	-140.32	-418.70	yes	no	no
2675806	I 405 HOV	I 405 HOV	yes	426.06	823.50	378.86	397.44	-47.20	-444.64	yes	no	no
2675807	SAN DIEGO FWY	SAN DIEGO FWY	yes	2,068.13	3,107.28	2,371.69	1,039.14	303.55	-735.59	yes	yes	no
2675808	I 405 HOV	I 405 HOV	yes	228.33	332.08	311.53	103.75	83.20	-20.54	yes	yes	no
2675809	I 405 HOV	I 405 HOV	yes	197.73	491.43	67.33	293.70	-130.40	-424.10	yes	no	no
2675811	I 405 HOV	I 405 HOV	yes	164.32	471.59	67.29	307.27	-97.03	-404.30	yes	no	no
2675812	I 405 HOV	I 405 HOV	yes	1,233.91	2,039.48	2,100.52	805.57	866.62	61.04	yes	yes	yes
2675814	I 405 HOV	I 405 HOV	yes	1,237.24	2,043.57	2,103.93	806.33	866.69	60.36	yes	yes	yes
2675815	I 405 HOV	I 405 HOV	yes	0.00	10.99	6.99	10.99	6.99	-4.00	yes	yes	no
2675816	I 405 HOV	I 405 HOV	yes	1,237.24	2,054.56	2,110.92	817.32	873.68	56.36	yes	yes	yes
2675817	I 405 HOV	I 405 HOV	yes	1,212.85	1,986.68	2,052.42	773.83	839.56	65.73	yes	yes	yes
2675818	I 405 HOV	I 405 HOV	yes	24.39	67.87	58.50	43.49	34.12	-9.37	yes	yes	no
2675820	I 405 HOV	I 405 HOV	yes	11.45	21.94	23.82	10.50	12.38	1.88	yes	yes	yes
2675821	I 405 HOV	I 405 HOV	yes	23.32	66.63	58.50	43.31	35.18	-8.13	yes	yes	no
2675822	I 405 HOV	I 405 HOV	yes	34.77	88.57	82.32	53.81	47.56	-6.25	yes	yes	no
2675824	I 405 HOV	I 405 HOV	yes	16.10	43.97	38.07	27.87	21.97	-5.90	yes	yes	no
2675825	I 405 HOV	I 405 HOV	yes	34.77	88.43	82.32	53.67	47.56	-6.11	yes	yes	no
2675826	I 405 HOV	I 405 HOV	yes	50.87	132.40	120.40	81.53	69.52	-12.01	yes	yes	no
2675827	I 405 HOV	I 405 HOV	yes	52.02	124.83	220.64	72.82	168.63	95.81	yes	yes	yes
2675828	I 405 HOV	I 405 HOV	yes	28.87	64.25	61.27	35.38	32.40	-2.98	yes	yes	no
2675829	I 405 HOV	I 405 HOV	yes	74.02	192.99	279.77	118.97	205.75	86.78	yes	yes	yes
2675831	I 405 HOV	I 405 HOV	yes	73.98	192.90	279.69	118.92	205.71	86.80	yes	yes	yes
2675832	I 405 HOV	I 405 HOV	yes	1.89	3.42	3.31	1.54	1.42	-0.12	yes	yes	no
2675833	I 405 HOV	I 405 HOV	yes	159.74	168.04	229.08	8.31	69.35	61.04	yes	yes	yes
2675834	I 405 HOV	I 405 HOV	yes	72.09	189.47	276.39	117.38	204.29	86.91	yes	yes	yes
2675835	I 405 HOV	I 405 HOV	yes	231.83	357.52	505.47	125.69	273.64	147.95	yes	yes	yes
2675836	I 405 HOV	I 405 HOV	yes	1,481.14	2,588.57	2,393.52	1,107.43	912.38	-195.05	yes	yes	no
2675837	I 405 HOV	I 405 HOV	yes	1,712.97	2,946.09	2,898.99	1,233.12	1,186.03	-47.09	yes	yes	no
2675838	I 405 HOV	I 405 HOV	yes	0.00	3.92	2.28	3.92	2.28	-1.64	yes	yes	no
2675839	I 405 HOV	I 405 HOV	yes	1,712.97	2,942.17	2,896.72	1,229.20	1,183.75	-45.45	yes	yes	no
2675841		0	0 yes	1,657.78	2,898.95	2,857.71	1,241.16	1,199.92	-41.24	yes	yes	no
2675842		0	0 yes	1,788.00	2,185.33	1,938.67	397.33	150.68	-246.65	yes	yes	no
2675843		0	0 yes	3,445.78	5,084.27	4,796.38	1,638.49	1,350.60	-287.89	yes	yes	no
2675845		0	0 yes	3,445.78	5,084.27	4,796.38	1,638.49	1,350.60	-287.89	yes	yes	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2675847	I 405 HOV	I 405 HOV	yes	3,294.42	4,949.71	4,543.55	1,655.29	1,249.13	-406.17	yes	yes	no
2675848	I 405 HOV	I 405 HOV	yes	1,004.84	1,230.22	1,078.06	225.38	73.22	-152.16	yes	yes	no
2675849	I 405 HOV	I 405 HOV	yes	429.96	431.95	132.94	1.99	-297.02	-299.01	yes	no	no
2675850	I 405 HOV	I 405 HOV	yes	3,869.30	5,747.99	5,488.67	1,878.69	1,619.37	-259.32	yes	yes	no
2675851	I 405 HOV	I 405 HOV	yes	56.66	312.53	62.66	255.87	6.01	-249.87	yes	yes	no
2675852	I 405 HOV	I 405 HOV	yes	138.24	398.02	137.07	259.78	-1.17	-260.95	yes	no	no
2675853	I 405 HOV	I 405 HOV	yes	3,812.64	5,435.46	5,426.01	1,622.82	1,613.37	-9.45	yes	yes	no
2675854	I 405 HOV	I 405 HOV	yes	3,950.88	5,833.48	5,563.08	1,882.60	1,612.20	-270.40	yes	yes	no
2675855	I 405 HOV	I 405 HOV	yes	200.67	244.33	235.19	43.66	34.51	-9.14	yes	yes	no
2675856	I 405 HOV	I 405 HOV	yes	598.23	813.03	766.15	214.81	167.92	-46.89	yes	yes	no
2675857	I 405 HOV	I 405 HOV	yes	3,750.21	5,589.15	5,327.89	1,838.94	1,577.68	-261.26	yes	yes	no
2675858	I 405 HOV	I 405 HOV	yes	4,348.43	6,402.18	6,094.03	2,053.75	1,745.60	-308.15	yes	yes	no
2675859	I 405 HOV	I 405 HOV	yes	507.57	752.15	649.56	244.58	141.99	-102.59	yes	yes	no
2675860	I 405 HOV	I 405 HOV	yes	3,840.87	5,650.03	5,444.47	1,809.17	1,603.61	-205.56	yes	yes	no
2675861	I 405 HOV	I 405 HOV	yes	3,840.87	5,650.03	5,444.47	1,809.17	1,603.61	-205.56	yes	yes	no
2677027	0	0	0 yes	7.78	9.89	7.74	2.12	-0.04	-2.16	yes	no	no
2677029	SANTA MONICA FWY	SANTA MONICA FWY	yes	47.88	57.07	51.33	9.19	3.45	-5.75	yes	yes	no
2677050	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	641.32	688.68	746.01	47.36	104.69	57.33	yes	yes	yes
2677051	E GRAND AVE	E GRAND AVE	yes	497.51	595.71	457.60	98.20	-39.92	-138.11	yes	no	no
2677052	E MARIPOSA AVE	E MARIPOSA AVE	yes	449.69	585.74	523.74	136.04	74.05	-61.99	yes	yes	no
2677053	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	801.46	1,312.78	1,099.70	511.33	298.24	-213.08	yes	yes	no
2677054	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	555.10	1,032.83	957.23	477.73	402.13	-75.60	yes	yes	no
2677055	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	783.48	1,387.18	1,183.56	603.70	400.07	-203.62	yes	yes	no
2677056	E EL SEGUNDO BLVD	E EL SEGUNDO BLVD	yes	783.48	1,387.18	1,183.56	603.70	400.07	-203.62	yes	yes	no
2677057	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	15,357.86	21,853.88	17,243.68	6,496.02	1,885.82	-4,610.19	yes	yes	no
2677058	WESTCHESTER PKY	WESTCHESTER PKY	yes	3,095.76	3,791.49	3,258.69	695.72	162.92	-532.80	yes	yes	no
2677059	LA TIJERA BLVD	LA TIJERA BLVD	yes	7,870.89	11,342.88	9,603.59	3,472.00	1,732.70	-1,739.30	yes	yes	no
2677060	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	2,730.85	3,497.39	2,495.15	766.53	-235.70	-1,002.23	yes	no	no
2677061	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	3,954.34	5,592.08	4,350.08	1,637.75	395.74	-1,242.01	yes	yes	no
2677062	NICHOLSON ST	NICHOLSON ST	yes	2,652.60	3,395.12	3,064.19	742.52	411.59	-330.93	yes	yes	no
2677063	CULVER BLVD	CULVER BLVD	yes	4.61	10.04	11.65	5.43	7.04	1.62	yes	yes	yes
2677064	CULVER BLVD	CULVER BLVD	yes	3.91	6.57	6.93	2.66	3.02	0.36	yes	yes	no
2677065	E FAIRVIEW BLVD	E FAIRVIEW BLVD	yes	0.32	2.24	2.08	1.92	1.76	-0.16	yes	yes	no
2677066	ALVISO AVE	ALVISO AVE	yes	21.09	45.38	40.17	24.30	19.09	-5.21	yes	yes	no
2677100	S DOUGLAS ST	S DOUGLAS ST	yes	175.93	450.17	330.02	274.25	154.10	-120.15	yes	yes	no
2677170	0	0	0 yes	34.55	47.21	42.53	12.66	7.98	-4.68	yes	yes	no
2677174	0	0	0 yes	5.26	6.54	5.32	1.27	0.05	-1.22	yes	no	no
2677178	WALGROVE AVE	WALGROVE AVE	yes	447.05	602.61	534.55	155.56	87.50	-68.06	yes	yes	no
2677179	0	0	0 yes	4.97	7.12	6.78	2.15	1.82	-0.34	yes	yes	no
2677180	0	0	0 yes	8.97	11.80	8.33	2.83	-0.64	-3.47	yes	no	no
2677181	LINCOLN BLVD	LINCOLN BLVD	yes	6,457.50	8,382.06	7,310.43	1,924.55	852.93	-1,071.62	yes	yes	no
2677182	0	0	0 yes	22.96	34.09	30.57	11.12	7.61	-3.51	yes	yes	no
2677185	0	0	0 yes	22.32	30.36	28.82	8.04	6.50	-1.54	yes	yes	no
2677186	PENMAR AVE	PENMAR AVE	yes	18.03	25.04	23.32	7.01	5.29	-1.72	yes	yes	no
2677187	LINCOLN BLVD	LINCOLN BLVD	yes	6,652.38	8,600.63	7,521.56	1,948.25	869.18	-1,079.07	yes	yes	no
2677189	0	0	0 yes	22.07	31.22	26.91	9.15	4.84	-4.31	yes	yes	no
2677190	PENMAR AVE	PENMAR AVE	yes	16.48	21.81	20.51	5.33	4.03	-1.30	yes	yes	no
2677191	VICTORIA AVE	VICTORIA AVE	yes	15.99	49.51	48.61	33.53	32.62	-0.90	yes	yes	no
2677194	0	0	0 yes	1.85	3.44	3.05	1.59	1.20	-0.39	yes	yes	no
2677199	WALGROVE AVE	WALGROVE AVE	yes	453.63	584.76	514.87	131.12	61.23	-69.89	yes	yes	no
2677219	0	0	0 yes	13.68	15.95	12.40	2.27	-1.27	-3.55	yes	no	no
2677223	CALIFORNIA AVE	CALIFORNIA AVE	yes	0.52	8.51	8.39	7.99	7.88	-0.11	yes	yes	no
2677226	RIALTO AVE	RIALTO AVE	yes	10.39	16.49	13.78	6.11	3.39	-2.71	yes	yes	no
2677227	0	0	0 yes	85.86	115.73	106.94	29.88	21.09	-8.79	yes	yes	no
2677228	VENICE WAY	VENICE WAY	yes	4,776.50	6,438.09	5,451.98	1,661.59	675.49	-986.10	yes	yes	no
2677230	0	0	0 yes	1.52	2.54	2.08	1.02	0.56	-0.46	yes	no	no
2677233	0	0	0 yes	6.32	8.46	6.85	2.14	0.52	-1.61	yes	no	no
2677235	0	0	0 yes	3.96	6.43	5.26	2.47	1.31	-1.16	yes	yes	no
2677237	4TH AVE	4TH AVE	yes	16.48	24.66	23.53	8.17	7.04	-1.13	yes	yes	no
2677238	0	0	0 yes	6.38	10.30	8.32	3.92	1.94	-1.98	yes	yes	no
2677239	0	0	0 yes	81.80	109.67	101.30	27.87	19.50	-8.37	yes	yes	no
2677240	MAIN ST	MAIN ST	yes	2,254.39	2,753.83	2,325.32	499.44	70.93	-428.51	yes	yes	no
2677242	0	0	0 yes	100.61	137.51	127.83	36.90	27.22	-9.68	yes	yes	no
2677244	PACIFIC AVE	PACIFIC AVE	yes	3,188.68	5,003.72	4,377.70	1,815.04	1,189.03	-626.02	yes	yes	no
2677245	0	0	0 yes	6.41	8.48	7.03	2.07	0.62	-1.45	yes	no	no
2677247	0	0	0 yes	11.49	13.64	11.35	2.15	-0.14	-2.28	yes	no	no

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	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2677248	LINCOLN BLVD	LINCOLN BLVD	yes	6,148.16	7,957.18	6,947.05	1,809.01	798.89	-1,010.12	yes	yes	no
2677249	OCEAN PARK BLVD	OCEAN PARK BLVD	yes	190.03	264.40	220.69	74.37	30.66	-43.71	yes	yes	no
2677268	0	0	yes	141.59	169.21	163.35	27.62	21.76	-5.86	yes	yes	no
2677279	0	0	yes	4.50	6.05	4.95	1.55	0.45	-1.10	yes	no	no
2677284	VIA MARINA	VIA MARINA	yes	4,971.04	6,678.34	5,625.95	1,707.30	654.91	-1,052.39	yes	yes	no
2677287	0	0	yes	6.27	9.33	7.11	3.06	0.83	-2.22	yes	no	no
2677288	0	0	yes	40.36	54.82	51.02	14.46	10.65	-3.80	yes	yes	no
2677289	WALGROVE AVE	WALGROVE AVE	yes	476.50	615.52	543.33	139.02	66.83	-72.19	yes	yes	no
2677300	0	0	yes	4.38	6.25	5.48	1.87	1.11	-0.76	yes	yes	no
2677301	WASHINGTON BLVD	WASHINGTON BLVD	yes	11.02	21.65	15.20	10.63	4.18	-6.45	yes	yes	no
2677303	0	0	yes	2.77	3.79	2.97	1.02	0.20	-0.83	yes	no	no
2677304	0	0	yes	4.79	6.59	5.52	1.80	0.73	-1.07	yes	no	no
2677305	0	0	yes	6.61	11.63	9.54	5.02	2.94	-2.09	yes	yes	no
2677310	SLAUSON AVE	SLAUSON AVE	yes	3.88	6.12	5.33	2.24	1.45	-0.79	yes	yes	no
2677312	TEALE ST	TEALE ST	yes	16.25	29.38	24.19	13.12	7.94	-5.19	yes	yes	no
2677314	0	0	yes	13.93	31.08	23.31	17.15	9.39	-7.77	yes	yes	no
2677316	CORAL TREE PL	CORAL TREE PL	yes	2.31	7.43	6.36	5.12	4.05	-1.07	yes	yes	no
2677320	TEALE ST	TEALE ST	yes	7.97	184.25	180.13	176.27	172.16	-4.11	yes	yes	no
2677321	TEALE ST	TEALE ST	no	7.97	184.25	180.13	176.27	180.13	180.13	yes	yes	yes
2677324	0	0	yes	1.55	11.50	8.85	9.95	7.30	-2.65	yes	yes	no
2677325	0	0	yes	0.94	5.52	5.08	4.58	4.13	-0.45	yes	yes	no
2677326	0	0	yes	15.98	70.67	57.00	54.69	41.02	-13.67	yes	yes	no
2677328	0	0	yes	9.08	13.40	11.41	4.32	2.33	-1.99	yes	yes	no
2677332	0	0	yes	7.24	9.30	7.22	2.06	-0.02	-2.08	yes	no	no
2677333	0	0	yes	43.22	57.04	1.39	13.82	-41.83	-55.65	yes	no	no
2677334	0	0	yes	0.00	6.16	3.02	6.16	3.02	-3.14	yes	yes	no
2677335	WESTCHESTER PKY	WESTCHESTER PKY	yes	1,134.50	1,607.66	1,488.32	473.15	353.82	-119.33	yes	yes	no
2677336	0	0	yes	0.02	16.32	14.53	16.30	14.51	-1.79	yes	yes	no
2677337	0	0	yes	83.94	114.00	104.31	30.06	20.37	-9.69	yes	yes	no
2677338	0	0	yes	119.05	162.17	148.25	43.12	29.20	-13.92	yes	yes	no
2677339	0	0	yes	18.49	23.34	18.60	4.85	0.11	-4.74	yes	no	no
2677341	0	0	yes	4.65	9.14	5.66	4.49	1.01	-3.48	yes	yes	no
2677342	0	0	yes	3.07	6.30	6.73	3.23	3.66	0.43	yes	yes	no
2677343	W MANCHESTER AVE	W MANCHESTER AVE	yes	703.51	977.66	298.98	274.15	-404.53	-678.68	yes	no	no
2677344	WILEY POST AVE	WILEY POST AVE	yes	662.93	1,827.20	1,206.45	1,164.27	543.53	-620.74	yes	yes	no
2677345	0	0	yes	406.64	551.89	503.56	145.25	96.92	-48.33	yes	yes	no
2677348	0	0	yes	20.63	23.24	15.83	2.61	-4.79	-7.41	yes	no	no
2677350	Hindry Ave	Hindry Ave	yes	3,259.19	4,260.71	4,342.10	1,001.52	1,082.91	81.38	yes	yes	yes
2677351	Hindry Ave	Hindry Ave	yes	3,314.87	4,021.61	5,296.69	706.74	1,981.82	1,275.08	yes	yes	yes
2677352	Hindry Ave	Hindry Ave	yes	3,675.45	4,765.34	4,038.84	1,089.89	363.40	-726.50	yes	yes	no
2677353	0	0	yes	273.27	367.08	332.22	93.81	58.95	-34.86	yes	yes	no
2677354	0	0	yes	29.32	40.91	4.63	11.60	-24.69	-36.29	yes	no	no
2677355	0	0	yes	13.38	30.23	14.28	16.85	0.90	-15.95	yes	no	no
2677358	0	0	yes	27.07	34.55	16.09	7.47	-10.98	-18.45	yes	no	no
2677366	SAWTELLE BLVD	SAWTELLE BLVD	yes	14.51	25.06	25.16	10.54	10.65	0.11	yes	yes	no
2677368	0	0	yes	20.77	31.65	27.93	10.88	7.17	-3.71	yes	yes	no
2677369	0	0	yes	4.47	5.64	4.48	1.18	0.01	-1.16	yes	no	no
2677373	0	0	yes	9.24	12.30	11.06	3.06	1.83	-1.24	yes	yes	no
2677383	0	0	yes	3.52	4.56	3.63	1.04	0.11	-0.93	yes	no	no
2677391	0	0	yes	22.78	27.84	21.39	5.06	-1.38	-6.44	yes	no	no
2677392	S YUKON AVE	S YUKON AVE	yes	167.77	298.34	260.50	130.58	92.74	-37.84	yes	yes	no
2677393	CRENSHAW BLVD	CRENSHAW BLVD	yes	93.36	213.97	121.75	120.61	28.39	-92.22	yes	yes	no
2677394	W 110TH ST	W 110TH ST	yes	156.34	255.06	226.07	98.72	69.73	-28.99	yes	yes	no
2677395	W 110TH ST	W 110TH ST	yes	129.77	256.08	198.79	126.31	69.02	-57.29	yes	yes	no
2677396	W 110TH ST	W 110TH ST	yes	129.77	256.07	198.77	126.30	69.00	-57.30	yes	yes	no
2677397	W 110TH ST	W 110TH ST	yes	156.34	255.06	226.07	98.72	69.73	-28.99	yes	yes	no
2677400	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	8,748.82	12,595.50	10,906.80	3,846.67	2,157.98	-1,688.69	yes	yes	no
2677401	BRADLEY PL	BRADLEY PL	yes	7,954.12	11,983.36	9,905.85	4,029.24	1,951.73	-2,077.52	yes	yes	no
2677402	W FAIRVIEW BLVD	W FAIRVIEW BLVD	yes	240.05	660.58	376.28	420.53	136.23	-284.30	yes	yes	no
2677403	W FAIRVIEW BLVD	W FAIRVIEW BLVD	yes	238.60	654.49	371.57	415.90	132.97	-282.93	yes	yes	no
2677421	ADMIRALTY WAY	ADMIRALTY WAY	yes	5,878.33	8,358.93	7,100.81	2,480.60	1,222.49	-1,258.11	yes	yes	no
2677423	0	0	yes	340.90	450.95	326.77	110.05	-14.13	-124.18	yes	no	no
2677425	LOYOLA BLVD	LOYOLA BLVD	no	426.35	592.82	1,290.95	166.47	1,290.95	1,290.95	yes	yes	yes
2677435	0	0	yes	26.63	30.23	25.11	3.60	-1.52	-5.12	yes	no	no
2677438	0	0	yes	11.79	20.42	17.93	8.62	6.14	-2.48	yes	yes	no
2677440	0	0	yes	16.46	20.92	10.04	4.46	-6.43	-10.88	yes	no	no

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2677441	S INGLEWOOD AVE	S INGLEWOOD AVE	yes	31.11	49.99	83.03	18.87	51.92	33.04	yes	yes	yes
2677442	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	245.71	552.93	1,359.57	307.22	1,113.86	806.64	yes	yes	yes
2677443	0	0	0 yes	50.08	73.45	66.88	23.37	16.81	-6.57	yes	yes	no
2677444	0	0	0 yes	38.35	50.15	44.17	11.80	5.82	-5.98	yes	yes	no
2677445	0	0	0 yes	3.27	8.22	7.02	4.94	3.75	-1.19	yes	yes	no
2677446	ROSE AVE	ROSE AVE	yes	15.55	21.57	16.78	6.02	1.23	-4.79	yes	yes	no
2677447	0	0	0 yes	4.23	7.19	5.84	2.97	1.61	-1.36	yes	yes	no
2677448	0	0	0 yes	21.29	29.05	25.06	7.76	3.78	-3.99	yes	yes	no
2677449	VIA MARINA	VIA MARINA	yes	4,971.93	6,680.06	5,626.98	1,708.13	655.04	-1,053.09	yes	yes	no
2677451	0	0	0 yes	4.07	5.34	4.74	1.27	0.67	-0.60	yes	no	no
2677452	0	0	0 yes	79.93	135.74	114.88	55.82	34.96	-20.86	yes	yes	no
2677453	0	0	0 yes	16.97	22.12	17.71	5.15	0.75	-4.40	yes	no	no
2677454	MAXELLA AVE	MAXELLA AVE	yes	212.30	296.28	256.60	83.98	44.30	-39.68	yes	yes	no
2677456	0	0	0 yes	82.39	114.48	104.24	32.10	21.85	-10.24	yes	yes	no
2677458	0	0	0 yes	4.56	5.78	5.45	1.22	0.89	-0.32	yes	no	no
2677461	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	341.53	553.25	456.97	211.72	115.43	-96.29	yes	yes	no
2677463	CULVER BLVD	CULVER BLVD	yes	250.44	360.40	306.26	109.96	55.81	-54.14	yes	yes	no
2677464	0	0	0 yes	0.00	26.21	18.08	26.21	18.08	-8.13	yes	yes	no
2677465	0	0	0 yes	1.68	3.45	3.07	1.77	1.39	-0.38	yes	yes	no
2677466	0	0	0 yes	218.02	293.85	266.33	75.83	48.31	-27.52	yes	yes	no
2677467	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	2,731.36	3,498.26	2,495.71	766.91	-235.65	-1,002.56	yes	no	no
2677469	W MANCHESTER BLVD	W MANCHESTER BLVD	yes	3,460.09	5,414.94	3,486.46	1,954.85	26.38	-1,928.48	yes	yes	no
2677470	W OLIVE ST	W OLIVE ST	yes	317.46	562.56	13.90	245.09	-303.57	-548.66	yes	no	no
2677471	W OLIVE ST	W OLIVE ST	yes	317.46	562.56	13.89	245.09	-303.57	-548.67	yes	no	no
2677472	W OLIVE ST	W OLIVE ST	yes	317.46	562.56	13.89	245.09	-303.57	-548.67	yes	no	no
2677473	W OLIVE ST	W OLIVE ST	yes	317.46	562.56	13.89	245.09	-303.57	-548.67	yes	no	no
2677474	W OLIVE ST	W OLIVE ST	yes	317.46	562.56	13.89	245.09	-303.57	-548.67	yes	no	no
2677475	0	0	0 yes	217.99	308.90	270.32	90.92	52.34	-38.58	yes	yes	no
2677476	VISTA DEL MAR LN	VISTA DEL MAR LN	yes	11.06	15.12	14.53	4.06	3.47	-0.59	yes	yes	no
2677477	VISTA DEL MAR	VISTA DEL MAR	yes	4.70	11.02	8.92	6.32	4.22	-2.10	yes	yes	no
2677479	0	0	0 yes	3.32	4.40	3.43	1.09	0.12	-0.97	yes	no	no
2677480	0	0	0 yes	321.20	437.97	398.76	116.77	77.56	-39.21	yes	yes	no
2677482	0	0	0 yes	0.41	2.08	1.93	1.67	1.52	-0.15	yes	yes	no
2677483	0	0	0 yes	1.46	5.17	5.35	3.71	3.89	0.18	yes	yes	no
2677484	0	0	0 yes	463.60	637.17	581.83	173.58	118.23	-55.35	yes	yes	no
2677486	W CENTURY BLVD	W CENTURY BLVD	yes	60,760.06	88,792.23	66,576.92	28,032.17	5,816.86	-22,215.31	yes	yes	no
2677487	W 96TH ST	W 96TH ST	yes	1,846.72	1,932.78	3,144.73	86.06	1,298.00	1,211.94	yes	yes	yes
2677488	AIRPORT BLVD	AIRPORT BLVD	yes	10,851.93	14,696.82	16,338.55	3,844.89	5,486.62	1,641.74	yes	yes	yes
2677489	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	8,699.86	13,164.15	12,091.40	4,464.29	3,391.54	-1,072.75	yes	yes	no
2677490	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	2,673.62	3,979.73	4,298.89	1,306.11	1,625.27	319.16	yes	yes	yes
2677491	E IMPERIAL HIGHWAY	E IMPERIAL HIGHWAY	yes	6,445.65	7,666.17	6,985.13	1,220.52	539.48	-681.05	yes	yes	no
2677493	0	0	0 yes	586.91	704.15	669.80	117.25	82.89	-34.36	yes	yes	no
2677495	0	0	0 yes	997.76	1,050.07	932.57	52.31	-65.19	-117.49	yes	no	no
2677498	0	0	0 yes	8,912.99	10,710.79	9,854.18	1,797.80	941.19	-856.61	yes	yes	no
2677499	0	0	0 yes	6,125.45	7,932.23	8,025.69	1,806.78	1,900.24	93.47	yes	yes	yes
2677500	0	0	0 yes	5,676.44	7,000.98	6,753.20	1,324.54	1,076.76	-247.78	yes	yes	no
2677501	0	0	0 yes	5,239.29	7,119.16	7,202.52	1,879.88	1,963.23	83.35	yes	yes	yes
2677502	0	0	0 yes	4,990.34	6,352.90	6,126.42	1,362.56	1,136.08	-226.48	yes	yes	no
2677503	0	0	0 yes	4,556.50	5,768.20	5,765.92	1,211.71	1,209.43	-2.28	yes	yes	no
2677505	0	0	0 yes	1,654.92	2,292.32	0.00	637.40	-1,654.92	-2,292.32	yes	no	no
2677506	0	0	0 yes	3,692.35	4,678.69	4,494.02	986.34	801.67	-184.66	yes	yes	no
2677507	0	0	0 yes	4,390.41	5,942.20	6,177.53	1,551.78	1,787.12	235.33	yes	yes	yes
2677508	0	0	0 yes	3,801.65	4,837.67	4,680.30	1,036.02	878.65	-157.37	yes	yes	no
2677509	0	0	0 yes	2,993.92	3,913.03	3,830.69	919.11	836.78	-82.34	yes	yes	no
2677510	0	0	0 yes	1,545.99	1,950.21	1,884.45	404.22	338.47	-65.76	yes	yes	no
2677511	0	0	0 yes	4,209.58	5,451.63	5,234.96	1,242.05	1,025.38	-216.67	yes	yes	no
2677512	0	0	0 yes	1,939.08	2,421.47	2,334.03	482.39	394.95	-87.44	yes	yes	no
2677513	0	0	0 yes	1,180.95	1,411.15	0.00	230.20	-1,180.95	-1,411.15	yes	no	no
2677514	0	0	0 yes	5,687.50	7,276.08	0.00	1,588.58	-5,687.50	-7,276.08	yes	no	no
2677515	0	0	0 yes	717.40	941.54	0.00	224.15	-717.40	-941.54	yes	no	no
2677516	0	0	0 yes	4,580.53	5,655.73	0.00	1,075.20	-4,580.53	-5,655.73	yes	no	no
2677517	0	0	0 yes	248.46	292.73	0.00	44.27	-248.46	-292.73	yes	no	no
2677518	0	0	0 yes	996.79	1,094.72	0.00	97.92	-996.79	-1,094.72	yes	no	no
2677519	0	0	0 yes	1,117.79	1,425.72	0.00	307.93	-1,117.79	-1,425.72	yes	no	no
2677520	0	0	0 yes	3,464.98	4,760.02	357.26	1,295.05	-3,107.72	-4,402.77	yes	no	no
2677521	0	0	0 yes	1,002.12	2,520.66	0.00	1,518.54	-1,002.12	-2,520.66	yes	no	no

ID	ROAD_NAME			Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP			2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2677522	0	0	yes	1,711.84	2,187.84	0.00	476.01	-1,711.84	-2,187.84	yes	no	no	
2677524	0	0	yes	206.52	1,040.47	2,049.84	833.95	1,843.32	1,009.37	yes	yes	yes	
2677525	0	0	yes	3,511.37	4,511.27	0.00	999.90	-3,511.37	-4,511.27	yes	no	no	
2677526	0	0	yes	2,573.78	3,200.13	0.00	626.35	-2,573.78	-3,200.13	yes	no	no	
2677530	0	0	yes	22.20	377.04	241.26	354.84	219.06	-135.78	yes	yes	no	
2677531	0	0	yes	741.91	813.54	2,221.41	71.63	1,479.51	1,407.88	yes	yes	yes	
2677533	0	0	yes	623.29	836.07	1,471.06	212.78	847.77	634.99	yes	yes	yes	
2677536	W 98TH ST	W 98TH ST	yes	1,318.97	2,726.44	15,946.57	1,407.47	14,627.60	13,220.13	yes	yes	yes	
2677547	0	0	yes	28.39	44.28	36.39	15.89	8.00	-7.89	yes	yes	no	
2677548	SEPULVEDA BLVD	SEPULVEDA BLVD	yes	27,661.17	38,030.91	31,684.62	10,369.73	4,023.44	-6,346.29	yes	yes	no	
2677549	0	0	yes	2,421.29	3,580.70	3,007.45	1,159.41	586.16	-573.25	yes	yes	no	
2677552	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	3,121.36	5,271.63	9,458.53	2,150.28	6,337.18	4,186.90	yes	yes	yes	
2677553	0	0	yes	312.48	420.78	405.09	108.31	92.62	-15.69	yes	yes	no	
2677555	0	0	yes	43.49	79.67	50.55	36.18	7.06	-29.12	yes	yes	no	
2677556	SAN DIEGO FWY	SAN DIEGO FWY	yes	14,466.09	19,633.94	17,529.96	5,167.85	3,063.87	-2,103.98	yes	yes	no	
2677557	0	0	yes	49.08	54.86	51.84	5.78	2.76	-3.01	yes	yes	no	
2677560	SAWTELLE BLVD	SAWTELLE BLVD	yes	126.62	175.54	156.79	48.93	30.17	-18.75	yes	yes	no	
2677561	SAWTELLE BLVD	SAWTELLE BLVD	yes	96.24	140.38	121.46	44.14	25.22	-18.92	yes	yes	no	
2677562	0	0	yes	30.38	35.16	35.33	4.78	4.95	0.17	yes	yes	no	
2677565	0	0	yes	49.08	54.86	51.84	5.78	2.76	-3.01	yes	yes	no	
2677566	0	0	yes	0.00	26.21	18.08	26.21	18.08	-8.13	yes	yes	no	
2677567	0	0	yes	9,591.54	12,087.75	10,063.45	2,496.21	471.91	-2,024.30	yes	yes	no	
2677570	0	0	yes	7,553.73	10,375.76	8,692.37	2,822.03	1,138.64	-1,683.39	yes	yes	no	
2677572	0	0	yes	1,074.11	1,534.99	1,395.09	460.88	320.98	-139.90	yes	yes	no	
2677573	0	0	yes	18,261.59	22,797.60	20,496.69	4,536.01	2,235.10	-2,300.91	yes	yes	no	
2677574	0	0	yes	18,261.59	22,797.60	20,496.69	4,536.01	2,235.10	-2,300.91	yes	yes	no	
2677575	0	0	yes	169.85	722.12	703.38	552.27	533.53	-18.74	yes	yes	no	
2677577	0	0	yes	560.62	1,036.95	1,323.61	476.33	763.00	286.67	yes	yes	yes	
2677578	0	0	yes	75.83	572.89	213.64	497.07	137.82	-359.25	yes	yes	no	
2677579	0	0	yes	169.85	722.12	703.38	552.27	533.53	-18.74	yes	yes	no	
2677580	0	0	yes	466.59	887.72	833.87	421.13	367.28	-53.85	yes	yes	no	
2677581	0	0	yes	5,557.24	6,865.60	5,457.64	1,308.36	-99.60	-1,407.96	yes	no	no	
2677582	0	0	yes	17,996.26	22,231.59	20,026.75	4,235.33	2,030.48	-2,204.84	yes	yes	no	
2677583	0	0	yes	1,931.28	3,356.72	2,176.77	1,425.44	245.48	-1,179.96	yes	yes	no	
2677584	S LA CIENEGA BLVD	S LA CIENEGA BLVD	yes	5,692.53	7,370.37	7,236.76	1,677.84	1,544.23	-133.61	yes	yes	no	
2677586	0	0	yes	4,015.56	5,672.19	4,073.76	1,656.62	58.20	-1,598.43	yes	yes	no	
2677587	0	0	yes	0.00	1.46	0.00	1.46	0.00	-1.46	yes	no	no	
2677588	0	0	yes	886.05	1,098.65	949.38	212.60	63.33	-149.27	yes	yes	no	
2677589	SAN DIEGO FWY	SAN DIEGO FWY	yes	13,720.98	18,700.45	16,451.45	4,979.47	2,730.47	-2,249.00	yes	yes	no	
2677590	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	30,134.18	36,756.70	32,958.11	6,622.52	2,823.93	-3,798.58	yes	yes	no	
2677591	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	30,134.18	36,756.70	32,958.11	6,622.52	2,823.93	-3,798.58	yes	yes	no	
2677592	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	29,247.56	33,480.36	28,135.38	4,232.80	-1,112.19	-5,344.98	yes	no	no	
2677593	I 105 HOV	I 105 HOV	yes	7,125.74	8,826.10	8,854.25	1,700.36	1,728.51	28.14	yes	yes	yes	
2677594	I 105 HOV	I 105 HOV	yes	7,125.74	8,826.10	8,854.25	1,700.36	1,728.51	28.14	yes	yes	yes	
2677595	I 105 HOV	I 105 HOV	yes	7,125.74	8,826.10	8,854.25	1,700.36	1,728.51	28.14	yes	yes	yes	
2677596	I 105 HOV	I 105 HOV	yes	7,125.74	8,826.10	8,854.25	1,700.36	1,728.51	28.14	yes	yes	yes	
2677597	0	0	yes	2,143.88	4,297.50	5,539.85	2,153.62	3,395.97	1,242.35	yes	yes	yes	
2677598	0	0	yes	2,143.88	4,297.50	5,539.85	2,153.62	3,395.97	1,242.35	yes	yes	yes	
2677599	0	0	yes	186.76	259.26	221.33	72.51	34.58	-37.93	yes	yes	no	
2677600	GLENN ANDERSON FWY	GLENN ANDERSON FWY	yes	32,563.41	38,087.61	31,327.64	5,524.19	-1,235.77	-6,759.97	yes	no	no	
2677601	0	0	yes	601.05	754.26	587.23	153.21	-13.83	-167.04	yes	no	no	
2677602	0	0	yes	601.05	754.26	587.23	153.21	-13.83	-167.04	yes	no	no	
2677603	LINCOLN BLVD	LINCOLN BLVD	yes	13,946.35	18,801.18	16,125.38	4,854.83	2,179.02	-2,675.80	yes	yes	no	
2677604	NICHOLSON ST	NICHOLSON ST	yes	2,656.51	3,401.69	3,071.13	745.18	414.62	-330.56	yes	yes	no	
2677608	MARINA FWY	MARINA FWY	yes	517.55	653.11	562.93	135.55	45.38	-90.17	yes	yes	no	
2677609	MARINA FWY	MARINA FWY	yes	12.10	25.43	19.44	7.34	7.34	-5.99	yes	yes	no	
2677611	MARINA FWY	MARINA FWY	yes	517.55	653.11	562.93	135.55	45.38	-90.17	yes	yes	no	
2677612	MARINA FWY	MARINA FWY	yes	35.79	58.20	80.56	22.42	44.77	22.36	yes	yes	yes	
2677613	MARINA FWY	MARINA FWY	yes	0.21	2.56	3.42	2.34	3.20	0.86	yes	yes	no	
2677616	MARINA FWY	MARINA FWY	yes	25.26	37.60	67.27	12.34	42.01	29.67	yes	yes	yes	
2677617	MARINA FWY	MARINA FWY	yes	25.26	37.60	67.27	12.34	42.01	29.67	yes	yes	yes	
2677618	MARINA FWY	MARINA FWY	yes	1.57	4.82	6.15	3.26	4.58	1.32	yes	yes	yes	
2677620	MARINA FWY	MARINA FWY	yes	6.78	13.95	14.53	7.16	7.75	0.59	yes	yes	no	
2677621	MARINA FWY	MARINA FWY	yes	1.57	4.82	6.15	3.26	4.58	1.32	yes	yes	yes	
2677622	MARINA FWY	MARINA FWY	yes	5.22	9.12	8.38	3.90	3.17	-0.74	yes	yes	no	
2677623	0	0	yes	15,270.82	18,581.58	14,282.48	3,310.76	-988.34	-4,299.10	yes	no	no	

ID	ROAD_NAME		Same Link?	Total Volume			Difference			Model?		
	2024 BASE	2024 WLAMP		2014 BASE	2035 BASE	2035 WLAMP	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE	2035BASE - 2014BASE	2035 WLAMP - 2014 Base	2035 WLAMP - 2035 BASE
2677627	SKY WAY	SKY WAY	yes	20,124.41	29,983.74	19,626.61	9,859.33	-497.80	-10,357.13	yes	no	no
2677630	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	3,230.09	4,271.71	5,112.55	1,041.62	1,882.46	840.83	yes	yes	yes
2677631	W IMPERIAL HIGHWAY	W IMPERIAL HIGHWAY	yes	19,576.14	21,387.31	8,475.71	1,811.17	-11,100.43	-12,911.60	yes	no	no
2677633	0	0	yes	5,371.99	5,644.81	6,202.49	272.82	830.50	557.68	yes	yes	yes
2677634	AVIATION BLVD	AVIATION BLVD	yes	6,890.08	9,213.25	11,504.33	2,323.16	4,614.25	2,291.09	yes	yes	yes
2677636	W 98TH ST	W 98TH ST	yes	3,752.42	3,927.68	19,895.78	175.27	16,143.36	15,968.09	yes	yes	yes
2677637	W 98TH ST	W 98TH ST	yes	3,752.42	3,927.68	19,895.78	175.27	16,143.36	15,968.09	yes	yes	yes
2677638	W 98TH ST	W 98TH ST	yes	3,752.42	3,927.68	19,895.78	175.27	16,143.36	15,968.09	yes	yes	yes
2677655	AVIATION BLVD	AVIATION BLVD	yes	6,890.08	9,213.25	16,425.67	2,323.16	9,535.59	7,212.42	yes	yes	yes
2677672	W CENTURY BLVD	W CENTURY BLVD	yes	33,540.90	49,720.47	37,240.47	16,179.57	3,699.57	-12,480.00	yes	yes	no
2677676	W 111TH ST	W 111TH ST	yes	218.02	288.93	10,887.52	70.91	10,669.51	10,598.60	yes	yes	yes
2677677	W 111TH ST	W 111TH ST	yes	218.02	288.93	387.77	70.91	169.75	98.84	yes	yes	yes
2677679	W 111TH ST	W 111TH ST	yes	218.02	288.93	387.77	70.91	169.75	98.84	yes	yes	yes
2677680	W 111TH ST	W 111TH ST	yes	194.60	215.22	368.18	20.62	173.58	152.95	yes	yes	yes
2677683	W CENTURY BLVD	no link	check	4,480.89	8,104.57	0.00	3,623.68	-4,480.89	-8,104.57	yes	no	no
2677685	VICKSBURG AVE	LOYOLA BLVD	no	3,061.78	6,038.63	876.97	2,976.86	876.97	876.97	yes	yes	yes
2677686	LINCOLN BLVD	LINCOLN BLVD	no	6,801.56	9,114.67	7,661.64	2,313.11	7,661.64	7,661.64	yes	yes	yes
2677687	LINCOLN BLVD	LINCOLN BLVD	no	7,474.51	10,170.46	8,406.38	2,695.95	8,406.38	8,406.38	yes	yes	yes
2677689	La Tijera Blvd	no link	check	729.96	965.49	0.00	235.53	-729.96	-965.49	yes	no	no
2677690	La Tijera	LOYOLA BLVD	no	729.96	965.49	427.65	235.53	427.65	427.65	yes	yes	yes
2677691	La Tijera	W CENTURY BLVD	no	363.16	505.17	6,706.24	142.01	6,706.24	6,706.24	yes	yes	yes
2677692	TEALE ST	no link	check	0.00	3.17	0.00	3.17	0.00	-3.17	yes	no	no
2677693	TEALE ST	VICKSBURG AVE	no	0.00	3.17	7,689.58	3.17	7,689.58	7,689.58	yes	yes	yes
2677694	TEALE ST	no link	check	0.00	184.25	0.00	184.25	0.00	-184.25	yes	no	no
2677696	TEALE ST	no link	check	0.00	181.67	0.00	181.67	0.00	-181.67	yes	no	no
2677697	TEALE ST	no link	check	0.00	3.17	0.00	3.17	0.00	-3.17	yes	no	no

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- 2035 Parking Emissions Summary

**2035 Parking Volume Summary**

Select Zone	2035 LAMP	2035 BASE	Parking?
CARGO	12,782	13,013	no
CONRAC	16,259	n/a	yes
CTA	88,964	n/a	yes
ITFE	11,562	n/a	yes
ITFW	43,653	n/a	yes
PKG+WAMA	10,729	n/a	yes
CTA+PKG	n/a	118,403	yes
RACS	n/a	53,909	yes
WAMA	n/a	10,711	no

Total Parking 171,167 172,312  
 Difference -1,144

**Running Exhaust Emissions**

		Emission Factors, grams per mile																													
		LDAT	0.015	0.022	0.586	0.038	0.002	0.000	0.003	0.008	0.037	0.003	0.002	0.016	398.533																
		Daily Emissions, pounds per day														Annual Emissions, tons per year															
Parking Lot	Volume, vehicles per day	Travel Distance, m	PM10 Tire Brake Exhaust														Annual Emissions, tons per year														
			ROG	TOG	CO	NOx	SO2	DPM	Exhaust	PM10	Tire	Brake	PM2.5	Exhaust	PM2.5	Tire	Brake	CO2	ROG	TOG	CO	NOx	SO2	DPM	PM10 Exhaust	PM10 Tire	PM10 Brake	PM2.5 Exhaust	PM2.5 Tire	PM2.5 Brake	CO2
CONRAC	16,259	400	0.13	0.20	5.22	0.33	0.02	0.00	0.03	0.07	0.33	0.02	0.02	0.14	3,550.66	0.02	0.04	0.95	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.00	0.00	0.03	647.99
CTA	88,964	650	1.20	1.74	46.41	2.97	0.17	0.00	0.23	0.63	2.91	0.21	0.16	1.25	31,569.67	0.22	0.32	8.47	0.54	0.03	0.00	0.04	0.12	0.53	0.04	0.03	0.04	0.03	0.23	5,761.46	
ITFE	11,562	890	0.21	0.31	8.26	0.53	0.03	0.00	0.04	0.11	0.52	0.04	0.03	0.22	5,617.73	0.04	0.06	1.51	0.10	0.01	0.00	0.01	0.02	0.09	0.01	0.01	0.04	0.04	1,025.24		
ITFW	43,653	590	0.53	0.78	20.67	1.32	0.08	0.00	0.10	0.28	1.30	0.09	0.07	0.56	14,060.75	0.10	0.14	3.77	0.24	0.01	0.00	0.02	0.05	0.24	0.02	0.01	0.10	2,566.09			
PKG+WAMA	10,729	630	0.14	0.20	5.42	0.35	0.02	0.00	0.03	0.07	0.34	0.02	0.15	3,690.12	0.03	0.04	0.99	0.06	0.00	0.00	0.00	0.01	0.06	0.00	0.00	0.03	0.03	673.45			
CTA+PKG	118,403	650	1.60	2.32	61.76	3.96	0.23	0.00	0.31	0.84	3.87	0.28	0.21	1.66	42,016.33	0.29	0.42	11.27	0.72	0.04	0.00	0.06	0.15	0.71	0.05	0.04	0.30	7,667.98			
RACS	53,909	630	0.70	1.02	27.25	1.75	0.10	0.00	0.13	0.37	1.71	0.12	0.09	0.73	18,541.38	0.13	0.19	4.97	0.32	0.02	0.00	0.02	0.07	0.31	0.02	0.13	3,383.80				
<b>LAMP</b>	<b>171,167</b>	<b>n/a</b>	<b>2.22</b>	<b>3.22</b>	<b>85.98</b>	<b>5.51</b>	<b>0.32</b>	<b>0.00</b>	<b>0.43</b>	<b>1.17</b>	<b>5.39</b>	<b>0.39</b>	<b>0.29</b>	<b>2.31</b>	<b>58,488.92</b>	<b>0.41</b>	<b>0.59</b>	<b>15.69</b>	<b>1.01</b>	<b>0.06</b>	<b>0.00</b>	<b>0.08</b>	<b>0.21</b>	<b>0.98</b>	<b>0.07</b>	<b>0.05</b>	<b>0.42</b>	<b>#####</b>			
<b>Baseline</b>	<b>172,312</b>	<b>n/a</b>	<b>2.30</b>	<b>3.34</b>	<b>89.02</b>	<b>5.71</b>	<b>0.33</b>	<b>0.00</b>	<b>0.44</b>	<b>1.22</b>	<b>5.58</b>	<b>0.41</b>	<b>0.30</b>	<b>2.39</b>	<b>60,557.71</b>	<b>0.42</b>	<b>0.61</b>	<b>16.25</b>	<b>1.04</b>	<b>0.06</b>	<b>0.00</b>	<b>0.08</b>	<b>0.22</b>	<b>1.02</b>	<b>0.07</b>	<b>0.06</b>	<b>0.44</b>	<b>#####</b>			
<b>Difference</b>	<b>-1,144</b>	<b>n/a</b>	<b>-0.08</b>	<b>-0.11</b>	<b>-3.04</b>	<b>-0.19</b>	<b>-0.01</b>	<b>0.00</b>	<b>-0.02</b>	<b>-0.04</b>	<b>-0.19</b>	<b>-0.01</b>	<b>-0.01</b>	<b>-0.08</b>	<b>-2,068.79</b>	<b>-0.01</b>	<b>-0.02</b>	<b>-0.55</b>	<b>-0.04</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>-0.01</b>	<b>-0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>-0.01</b>	<b>-377.55</b>			

Note: Perimeter of each lot used to estimate travel distance.  
 Totals may not add exactly because of rounding.

**Idle Emissions**

		Emission Factors, grams per hour																										
		LDAT	0.090	0.131	1.798	0.124	0.005	0.000	0.017	0.020	0.092	0.016	0.005	0.039	1,741.164													
		Daily Emissions, pounds per day														Annual Emissions, tons per year												
Parking Lot	Volume, vehicles per day	Travel Distance, m	PM10 Tire Brake Exhaust														Annual Emissions, tons per year											
			ROG	TOG	CO	NOx	SO2	DPM	Exhaust	PM10	Tire	Brake	PM2.5	Exhaust	PM2.5	Tire	Brake	CO2	ROG	TOG	CO	NOx	SO2	DPM	PM10 Exhaust	PM10 Tire	PM10 Brake	PM2.5 Exhaust
CONRAC	16,259	n/a	0.27	0.39	5.37	0.37	0.02	0.00	0.05	0.06	0.27	0.05	0.01	0.12	5,201.06	0.05	0.07	0.98	0.07	0.00	0.00	0.01	0.01	0.05	0.01	0.00	0.02	949.19
CTA	88,964	n/a	1.47	2.14	29.39	2.02	0.09	0.00	0.28	0.33	1.50	0.26	0.08	0.64	28,457.73	0.27	0.39	5.36	0.37	0.02	0.00	0.05	0.06	0.27	0.05	0.01	0.12	5,193.54
ITFE	11,562	n/a	0.19	0.28	3.82	0.26	0.01	0.00	0.04	0.04	0.20	0.03	0.01	0.08	3,698.40	0.03	0.05	0.70	0.05	0.00	0.00	0.01	0.01	0.04	0.01	0.00	0.02	674.96
ITFW	43,653	n/a	0.72	1.05	14.42	0.99	0.04	0.00	0.14	0.16	0.74	0.13	0.04	0.32	13,963.69	0.13	0.19	2.63	0.18	0.01	0.00	0.03	0.03	0.13	0.02	0.01	0.06	2,548.37
PKG+WAMA	10,729	n/a	0.18	0.26	3.54	0.24	0.01	0.00	0.03	0.04	0.18	0.03	0.01	0.08	3,431.97	0.03	0.05	0.65	0.04	0.00	0.00	0.01	0.01	0.03	0.01	0.00	0.01	826.33
CTA+PKG	118,403	n/a	1.96	2.85	39.12	2.69	0.12	0.00	0.38	0.44	2.00	0.35	0.11	0.86	37,874.62	0.36	0.52	7.14	0.49	0.02	0.00	0.07	0.08	0.36	0.06	0.02	0.16	6,912.12
RACS	53,909	n/a	0.89	1.30	17.81	1.22	0.05	0.00	0.17	0.20	0.91	0.16	0.05	0.39	17,244.28	0.16	0.24	3.25	0.22	0.01	0.00	0.03	0.04	0.17	0.03	0.01	0.07	3,147.08
<b>LAMP</b>	<b>171,167</b>	<b>n/a</b>	<b>2.84</b>	<b>4.11</b>	<b>56.55</b>	<b>3.89</b>	<b>0.17</b>	<b>0.00</b>	<b>0.54</b>	<b>0.63</b>	<b>2.89</b>	<b>0.50</b>	<b>0.16</b>	<b>1.24</b>	<b>54,752.85</b>	<b>0.52</b>	<b>0.75</b>	<b>10.32</b>	<b>0.71</b>	<b>0.03</b>	<b>0.00</b>	<b>0.10</b>	<b>0.11</b>	<b>0.53</b>	<b>0.09</b>	<b>0.03</b>	<b>0.23</b>	<b>9,992.40</b>
<b>Baseline</b>	<b>172,312</b>	<b>n/a</b>	<b>2.85</b>	<b>4.14</b>	<b>56.93</b>	<b>3.92</b>	<b>0.17</b>	<b>0.00</b>	<b>0.55</b>	<b>0.63</b>	<b>2.91</b>	<b>0.50</b>	<b>0.16</b>	<b>1.25</b>	<b>55,118.90</b>	<b>0.52</b>	<b>0.76</b>	<b>10.39</b>	<b>0.71</b>	<b>0.03</b>	<b>0.00</b>	<b>0.10</b>	<b>0.12</b>	<b>0.53</b>	<b>0.09</b>	<b>0.03</b>	<b>0.23</b>	<b>#####</b>
<b>Difference</b>	<b>-1,144</b>	<b>n/a</b>	<b>-0.02</b>	<b>-0.03</b>	<b>-0.38</b>	<b>-0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>-0.02</b>	<b>0.00</b>	<b>0.00</b>	<b>-0.01</b>	<b>-366.05</b>	<b>0.00</b>	<b>-0.01</b>	<b>-0.07</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>-66.80</b>						

Totals may not add exactly because of rounding.

**Grand Total (Running Exhaust Plus Idle)**

LAMP	5.06	7.34	142.53	9.40	0.48	0.01	0.97	1.80	8.28	0.89	0.45	3.55	113,241.77	0.92	1.34	26.01	1.72	0.09	0.00	0.18	0.33	1.51	0.16	0.08	0.65	#####
Baseline	5.15	7.48	145.95	9.62	0.50	0.01	0.99	1.85	8.49	0.91	0.46	3.64	115,676.61	0.94	1.37	26.64	1.76	0.09	0.00	0.18	0.34	1.55	0.17	0.08	0.66	#####
Difference	-0.10	-0.14	-3.42	-0.22	-0.01	0.00	-0.02	-0.05	-0.21	-0.02	-0.01	-0.09	-2,434.84	-0.02	-0.03	-0.62	-0.04	0.00	0.00	0.00	-0.01	-0.04	0.00	0.00	-0.02	-444.36

**Parking Lot Speed**

15 mph

**Idle Speed**

2.5 mph

5 minutes per trip

**Conversions**

453.6 grams per day

2,000 pounds per ton

365 days per year

1,609.3 meters per mile

60 minutes per hour

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- Traffic Emissions Inventory

**2015 Baseline Emissions Inventory**

Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	Peak Daily Emissions (lbs/day)										
								PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear	PM2.5 Paved Road Dust	Total PM2.5	CO2
Auto	8,652,645	276	373	7,845	729	17	1	16	35	161	353	565	14	9	69	88	181	1,985,926
Truck	437,801	71	88	516	912	2	19	20	3	26	18	67	19	1	11	4	35	287,330
<b>Total</b>	<b>9,090,446</b>	<b>347</b>	<b>461</b>	<b>8,361</b>	<b>1,641</b>	<b>19</b>	<b>21</b>	<b>35</b>	<b>38</b>	<b>188</b>	<b>371</b>	<b>632</b>	<b>33</b>	<b>10</b>	<b>80</b>	<b>93</b>	<b>216</b>	<b>2,273,256</b>
																	metric tons per year	2,062,298

Conversion

- 453.6 grams per pound
- 2000 pounds per ton
- 0.9072 metric tons per short ton

**2015 Plus Project Emissions Inventory**

Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	Peak Daily Emissions (lbs/day)								Total PM2.5	
								PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear		PM2.5 Paved Road Dust
Auto	72,158,031	1,860	2,488	57,966	6,133	147	8	102	306	1,407	3,166	4,981	94	77	603	791	1,566
Truck	3,791,220	441	556	3,065	11,685	32	192	192	60	189	166	608	184	15	81	42	322
<b>Total</b>	<b>75,949,250</b>	<b>2,301</b>	<b>3,043</b>	<b>61,031</b>	<b>17,817</b>	<b>179</b>	<b>200</b>	<b>294</b>	<b>366</b>	<b>1,596</b>	<b>3,332</b>	<b>5,589</b>	<b>278</b>	<b>92</b>	<b>684</b>	<b>833</b>	<b>1,887</b>

Note: Emissions inventory include total traffic volumes (i.e., not restricted to select zones).

Conversion

453.6 grams per pound

2000 pounds per ton

0.9072 metric tons per short ton

**2015 Total Baseline Emissions Inventory**

Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	Peak Daily Emissions (lbs/day)								Total PM2.5	
								PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear		PM2.5 Paved Road Dust
Auto	72,533,840	1,867	2,498	58,194	6,157	147	8	102	308	1,413	3,179	5,003	95	77	606	795	1,572
Truck	3,911,414	459	578	3,171	11,957	33	201	202	61	197	171	631	193	15	85	43	336
<b>Total</b>	<b>76,445,254</b>	<b>2,327</b>	<b>3,076</b>	<b>61,365</b>	<b>18,113</b>	<b>180</b>	<b>209</b>	<b>304</b>	<b>368</b>	<b>1,610</b>	<b>3,351</b>	<b>5,634</b>	<b>288</b>	<b>92</b>	<b>690</b>	<b>838</b>	<b>1,908</b>

Note: Emissions inventory include total traffic volumes (i.e., not restricted to select zones).

Conversion

453.6 grams per pound

2000 pounds per ton

0.9072 metric tons per short ton

**2024 Baseline Emissions Inventory**

Peak Daily Emissions (lbs/day)																		
Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear	PM2.5 Paved Road Dust	Total PM2.5	
Auto	11,625,390	119.4	173.6	4,640.1	365.4	16.4	0.6	19.5	46.0	211.3	468.8	745.7	17.9	11.5	90.6	117.2	237.2	
Truck	388,188	19.6	27.7	177.2	293.7	1.9	1.5	1.7	3.0	21.3	15.7	41.6	1.6	0.8	9.1	3.9	15.4	
<b>Total</b>	<b>12,013,578</b>	<b>139.0</b>	<b>201.3</b>	<b>4,817.3</b>	<b>659.1</b>	<b>18.3</b>	<b>2.2</b>	<b>21.2</b>	<b>49.0</b>	<b>232.6</b>	<b>484.5</b>	<b>787.3</b>	<b>19.5</b>	<b>12.3</b>	<b>99.7</b>	<b>121.1</b>	<b>252.6</b>	

Conversion

453.6 grams per pound

**2024 Project Emissions Inventory**

Peak Daily Emissions (lbs/day)																		
Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear	PM2.5 Paved Road Dust	Total PM2.5	
Auto	10,950,825	106.8	155.3	4,359.8	343.0	15.7	0.6	17.4	43.9	201.8	444.4	707.6	16.0	11.0	86.5	111.1	224.6	
Truck	399,805	19.2	27.1	174.9	286.0	1.9	1.5	1.7	3.0	21.6	16.2	42.5	1.6	0.8	9.3	4.1	15.7	
<b>Total</b>	<b>11,350,630</b>	<b>126.0</b>	<b>182.3</b>	<b>4,534.7</b>	<b>629.0</b>	<b>17.6</b>	<b>2.1</b>	<b>19.1</b>	<b>47.0</b>	<b>223.4</b>	<b>460.7</b>	<b>750.1</b>	<b>17.6</b>	<b>11.7</b>	<b>95.7</b>	<b>115.2</b>	<b>240.3</b>	

Conversion

453.6 grams per pound

**2035 Baseline Emissions Inventory**

		Peak Daily Emissions (lbs/day)															
Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear	PM2.5 Paved Road Dust	Total PM2.5
Auto	12,460,544	62.1	90.3	3,014.5	196.2	13.2	0.1	12.0	49.1	225.7	502.3	789.1	11.0	12.3	96.7	125.6	245.6
Truck	507,620	22.6	31.1	155.6	337.0	2.2	1.4	1.6	3.8	27.0	20.5	52.8	1.5	0.9	11.6	5.1	19.1
<b>Total</b>	<b>12,968,164</b>	<b>84.7</b>	<b>121.4</b>	<b>3,170.1</b>	<b>533.2</b>	<b>15.4</b>	<b>1.6</b>	<b>13.6</b>	<b>52.9</b>	<b>252.6</b>	<b>522.8</b>	<b>841.9</b>	<b>12.5</b>	<b>13.2</b>	<b>108.3</b>	<b>130.7</b>	<b>264.7</b>

Conversion

453.6 grams per pound

**2035 Project Emissions Inventory**

		Annual Emissions (tons per year)															
Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear	PM2.5 Paved Road Dust	Total PM2.5
Auto	10,758,556	50.8	73.9	2,592.9	168.5	11.5	0.1	9.8	42.9	197.1	435.5	685.2	9.0	10.7	84.5	108.9	213.1
Truck	576,417	22.9	31.1	156.8	341.2	2.4	1.5	1.6	4.0	29.3	23.3	58.2	1.6	1.0	12.5	5.8	20.9
<b>Total</b>	<b>11,334,973</b>	<b>73.7</b>	<b>104.9</b>	<b>2,749.7</b>	<b>509.8</b>	<b>13.9</b>	<b>1.6</b>	<b>11.4</b>	<b>46.9</b>	<b>226.3</b>	<b>458.8</b>	<b>743.5</b>	<b>10.6</b>	<b>11.7</b>	<b>97.0</b>	<b>114.7</b>	<b>234.0</b>

Conversion

453.6 grams per pound

**2015 Baseline Emissions Inventory**

Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	Annual Emissions (tons per year)									
								PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear	PM2.5 Paved Road Dust	Total PM2.5
								Auto	8,652,645	50.4	68.1	1,431.7	133.1	3.1	0.2	2.8	6.4
Truck	437,801	13.0	16.0	94.1	166.4	0.5	3.5	3.6	0.6	4.8	3.3	12.2	3.4	0.1	2.1	0.8	6.5
<b>Total</b>	<b>9,090,446</b>	<b>63.4</b>	<b>84.1</b>	<b>1,525.8</b>	<b>299.5</b>	<b>3.5</b>	<b>3.7</b>	<b>6.4</b>	<b>7.0</b>	<b>34.2</b>	<b>67.8</b>	<b>115.4</b>	<b>6.1</b>	<b>1.7</b>	<b>14.7</b>	<b>16.9</b>	<b>39.4</b>

Conversion

453.6 grams per pound

2000 pounds per ton

365 days per year

**2015 Baseline Emissions Inventory**

Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	Annual Emissions (tons per year)									
								PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear	PM2.5 Paved Road Dust	Total PM2.5
Auto	72,158,031	339	454	10,579	1,119	27	2	19	56	257	578	909	17	14	110	144	286
Truck	3,791,220	81	101	559	2,132	6	35	35	11	34	30	111	34	3	15	8	59
<b>Total</b>	<b>75,949,250</b>	<b>420</b>	<b>555</b>	<b>11,138</b>	<b>3,252</b>	<b>33</b>	<b>36</b>	<b>54</b>	<b>67</b>	<b>291</b>	<b>608</b>	<b>1,020</b>	<b>51</b>	<b>17</b>	<b>125</b>	<b>152</b>	<b>344</b>

Note: Emissions inventory include total traffic volumes (i.e., not restricted to select zones).

Conversion

453.6 grams per pound

2000 pounds per ton

365 days per year

**2015 Total Baseline Emissions Inventory**

Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	Annual Emissions (tons per year)									
								PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear	PM2.5 Paved Road Dust	Total PM2.5
Auto	72,533,840	341	456	10,620	1,124	27	2	19	56	258	580	913	17	14	111	145	287
Truck	3,911,414	84	105	579	2,182	6	37	37	11	36	31	115	35	3	15	8	61
<b>Total</b>	<b>76,445,254</b>	<b>425</b>	<b>561</b>	<b>11,199</b>	<b>3,306</b>	<b>33</b>	<b>38</b>	<b>56</b>	<b>67</b>	<b>294</b>	<b>612</b>	<b>1,028</b>	<b>53</b>	<b>17</b>	<b>126</b>	<b>153</b>	<b>348</b>

Note: Emissions inventory include total traffic volumes (i.e., not restricted to select zones).

Conversion

- 453.6 grams per pound
- 2000 pounds per ton
- 365 metric tons per short ton

**2024 Baseline Emissions Inventory**

Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	Annual Emissions (tons per year)									
								PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear	PM2.5 Paved Road Dust	Total PM2.5
								Auto	11,625,390	21.8	31.7	846.8	66.7	3.0	0.1	3.6	8.4
Truck	388,188	3.6	5.1	32.3	53.6	0.3	0.3	0.3	0.6	3.9	2.9	7.6	0.3	0.1	1.7	0.7	2.8
<b>Total</b>	<b>12,013,578</b>	<b>25.4</b>	<b>36.7</b>	<b>879.2</b>	<b>120.3</b>	<b>3.3</b>	<b>0.4</b>	<b>3.9</b>	<b>8.9</b>	<b>42.5</b>	<b>88.4</b>	<b>143.7</b>	<b>3.6</b>	<b>2.2</b>	<b>18.2</b>	<b>22.1</b>	<b>46.1</b>

Conversion

453.6 grams per pound

2000 pounds per ton

365 days per year

**2024 Project Emissions Inventory**

Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	Annual Emissions (tons per year)									
								PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear	PM2.5 Paved Road Dust	Total PM2.5
								Auto	10,950,825	19.5	28.3	795.7	62.6	2.9	0.1	3.2	8.0
Truck	399,805	3.5	4.9	31.9	52.2	0.3	0.3	0.3	0.6	3.9	3.0	7.8	0.3	0.1	1.7	0.7	2.9
<b>Total</b>	<b>11,350,630</b>	<b>23.0</b>	<b>33.3</b>	<b>827.6</b>	<b>114.8</b>	<b>3.2</b>	<b>0.4</b>	<b>3.5</b>	<b>8.6</b>	<b>40.8</b>	<b>84.1</b>	<b>136.9</b>	<b>3.2</b>	<b>2.1</b>	<b>17.5</b>	<b>21.0</b>	<b>43.8</b>

Conversion

453.6 grams per pound

2000 pounds per ton

365 days per year

**2035 Baseline Emissions Inventory**

Vehicle	Volume	ROG	TOG	CO	NOx	SO2	DPM	Annual Emissions (tons per year)									
								PM10 Exhaust	PM10 Tire Wear	PM10 Brake Wear	PM10 Paved Road Dust	Total PM10	PM2.5 Exhaust	PM2.5 Tire Wear	PM2.5 Brake Wear	PM2.5 Paved Road Dust	Total PM2.5
								Auto	12,460,544	11.3	16.5	550.1	35.8	2.4	0.0	2.2	9.0
Truck	507,620	4.1	5.7	28.4	61.5	0.4	0.3	0.3	0.7	4.9	3.7	9.6	0.3	0.2	2.1	0.9	3.5
<b>Total</b>	<b>12,968,164</b>	<b>15.5</b>	<b>22.2</b>	<b>578.5</b>	<b>97.3</b>	<b>2.8</b>	<b>0.3</b>	<b>2.5</b>	<b>9.7</b>	<b>46.1</b>	<b>95.4</b>	<b>153.6</b>	<b>2.3</b>	<b>2.4</b>	<b>19.8</b>	<b>23.9</b>	<b>48.3</b>

Conversion

453.6 grams per pound

2000 pounds per ton

365 days per year

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- GHG Traffic Emissions Inventory

## 2015 with Project Emissions Inventory

Annual Emissions (metric tons per year)				
Vehicle	CO2	CH4	N2O	CO2e
Auto	2,433,874	1,172	129	2,501,574
Truck	515,725	55	7	519,234
<b>Total</b>	<b>2,949,599</b>	<b>1,227</b>	<b>136</b>	<b>3,020,808</b>

Note: Emissions inventory include total traffic volumes (i.e., not restricted to select zones).

### Conversion

365 days per year

1,000,000 grams per metric ton

### Global Warming Potentials

CO2	1
CH4	25
N2O	298

### VMT by Auto Type (miles per day)

LDAT	17,371,945
LHD	220,650
MHD	226,264
HHD	626,057
<b>Total</b>	<b>18,444,915</b>

**2015 Baseline (Total) Emissions Inventory**

<b>Annual Emissions (metric tons per year)</b>				
<b>Vehicle</b>	<b>CO2</b>	<b>CH4</b>	<b>N2O</b>	<b>CO2e</b>
Auto	2,443,657	1,176	129	2,511,630
Truck	528,028	57	7	531,631
<b>Total</b>	<b>2,971,686</b>	<b>1,233</b>	<b>137</b>	<b>3,043,261</b>

Note: Emissions inventory include total traffic volumes (i.e., not restricted to select zones).

Conversion

365 days per year  
 1,000,000 grams per metric ton

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CO2 1  
 CH4 25  
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VMT by Auto Type (miles per day)

LDAT 17,441,787  
 LHD 220,341  
 MHD 256,685  
 HHD 624,662  
 Total 18,543,474

## 2015 Baseline Emissions Inventory

Annual Emissions (metric tons per year)				
Vehicle	CO2	CH4	N2O	CO2e
Auto	322,478	134	15	330,236
Truck	47,342	6	1	47,722
<b>Total</b>	<b>369,820</b>	<b>140</b>	<b>16</b>	<b>377,959</b>

### Conversion

365 days per year  
 1,000,000 grams per metric ton

### Global Warming Potentials

CO2 1  
 CH4 25  
 N2O 298

### VMT by Auto Type (miles per day)

LDAT 1,990,904  
 LHD 51,552  
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 Total 2,107,251

**2024 Baseline Emissions Inventory**

Annual Emissions (metric tons per year)				
Vehicle	CO2	CH4	N2O	CO2e
Auto	354,246	176	19	364,405
Truck	36,879	3	0.4	37,086
<b>Total</b>	<b>391,125</b>	<b>179</b>	<b>20</b>	<b>401,492</b>

**2024 Baseline Emissions Inventory - 1990 Emission Factors**

Annual Emissions (metric tons per year)						
Vehicle	CO2	CH4	N2O	CO2e	Difference	Percent Change
Auto	540,062	176	19	550,221	-185,816	-34%
Truck	39,699	3	0.4	39,906	-2,820	-7%
<b>Total</b>	<b>579,760</b>	<b>179</b>	<b>20</b>	<b>590,127</b>	<b>-188,635</b>	<b>-32%</b>

Conversion

365 days per year

1,000,000 grams per metric ton

Global Warming Potentials

CO2	1
CH4	25
N2O	298

VMT by Auto Type (miles per day)

LDAT	2,608,655
LHD	61,346
MHD	31,553
HHD	9,920
<b>Total</b>	<b>2,711,474</b>

**2024 Project Emissions Inventory**

Annual Emissions (metric tons per year)				
Vehicle	CO2	CH4	N2O	CO2e
Auto	325,925	168	18	335,624
Truck	37,024	3	0.5	37,234
<b>Total</b>	<b>362,949</b>	<b>171</b>	<b>19</b>	<b>372,858</b>

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Vehicle	CO2	CH4	N2O	CO2e	Difference	Percent Change
Auto	496,970	168	18	506,669	-171,045	-34%
Truck	39,591	3	0.5	39,801	-2,567	-6%
<b>Total</b>	<b>536,561</b>	<b>171</b>	<b>19</b>	<b>546,470</b>	<b>-173,612</b>	<b>-32%</b>

Conversion

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CO2	1
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LDAT	2,490,557
LHD	61,361
MHD	32,682
HHD	9,905
<b>Total</b>	<b>2,594,506</b>

**2035 Baseline Emissions Inventory**

Annual Emissions (metric tons per year)				
Vehicle	CO2	CH4	N2O	CO2e
Auto	305,360	188	21	316,229
Truck	45,850	3	0.5	46,060
<b>Total</b>	<b>351,209</b>	<b>191</b>	<b>21</b>	<b>362,289</b>

**2035 Baseline Emissions Inventory -1990 Emission Factors**

Annual Emissions (metric tons per year)						
Vehicle	CO2	CH4	N2O	CO2e	Difference	Percent Change
Auto	588,415	188	21	599,284	-283,055	-47%
Truck	51,859	3	0.5	52,069	-6,009	-12%
<b>Total</b>	<b>640,273</b>	<b>191</b>	<b>21</b>	<b>651,353</b>	<b>-289,064</b>	<b>-44%</b>

Conversion

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Global Warming Potentials

CO2	1
CH4	25
N2O	298

VMT by Auto Type (miles per day)

LDAT	2,785,593
LHD	72,859
MHD	43,177
HHD	11,750
<b>Total</b>	<b>2,913,379</b>

**2035 Project Emissions Inventory**

Annual Emissions (metric tons per year)				
Vehicle	CO2	CH4	N2O	CO2e
Auto	257,197	164	18	266,687
Truck	48,986	3	0.5	49,209
<b>Total</b>	<b>306,182</b>	<b>167</b>	<b>19</b>	<b>315,896</b>

**2035 Project Emissions Inventory**

Annual Emissions (metric tons per year)						
Vehicle	CO2	CH4	N2O	CO2e	Difference	Percent Change
Auto	495,664	164	18	505,154	-238,467	-47%
Truck	54,411	3	0.5	54,634	-5,425	-10%
<b>Total</b>	<b>550,075</b>	<b>167</b>	<b>19</b>	<b>559,788</b>	<b>-243,892</b>	<b>-44%</b>

Conversion

365 days per year

1,000,000 grams per metric ton

Global Warming Potentials

CO2	1
CH4	25
N2O	298

VMT by Auto Type (miles per day)

LDAT	2,432,192
LHD	72,848
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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- GHG Traffic Emissions Inventory – 1990 EF

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LHD	61,361
MHD	32,682
HHD	9,905
<b>Total</b>	<b>2,594,506</b>

**1990 Equivalent Baseline Emissions**

Annual Emissions (metric tons per year)			
Vehicle	GHG Emissions		Project Emissions in 2024 Compared to 1990 Baseline - Percent Above or Below Baseline
	GHG Emissions Adjusted to Reduce MAP (86 MAP in 2024 to 45.8 MAP in 1990)	Adjusted to Remove Emission Reduction Regulatory Requirements	
Auto	178,740	239,080	40.38%
Truck	19,829	21,108	76.40%
<b>Total</b>	<b>198,569</b>	<b>260,188</b>	<b>43.30%</b>

**2035 Baseline Emissions Inventory**

Annual Emissions (metric tons per year)				
Vehicle	CO2	CH4	N2O	CO2e
Auto	305,360	188	21	316,229
Truck	45,850	3	0.5	46,060
Total	351,209	191	21	362,289

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Vehicle	CO2	CH4	N2O	CO2e	Difference	Percent Change
Auto	588,415	188	21	599,284	-283,055	-47%
Truck	51,859	3	0.5	52,069	-6,009	-12%
Total	640,273	191	21	651,353	-289,064	-44%

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Global Warming Potentials

CO2	1
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N2O	298

VMT by Auto Type (miles per day)

LDAT	2,785,593
LHD	72,859
MHD	43,177
HHD	11,750
Total	2,913,379

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Vehicle	CO2	CH4	N2O	CO2e
Auto	257,197	164	18	266,687
Truck	48,986	3	0.5	49,209
<b>Total</b>	<b>306,182</b>	<b>167</b>	<b>19</b>	<b>315,896</b>

**2035 Project Emissions Inventory**

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Vehicle	CO2	CH4	N2O	CO2e	Difference	Percent Change
Auto	495,664	164	18	505,154	-238,467	-47.21%
Truck	54,411	3	0.5	54,634	-5,425	-9.93%
<b>Total</b>	<b>550,075</b>	<b>167</b>	<b>19</b>	<b>559,788</b>	<b>-243,892</b>	<b>-43.57%</b>

Conversion

365 days per year

1,000,000 grams per metric ton

Global Warming Potentials

CO2	1
CH4	25
N2O	298

VMT by Auto Type (miles per day)

LDAT	2,432,192
LHD	72,848
MHD	51,246
HHD	11,731
<b>Total</b>	<b>2,568,018</b>

**1990 Equivalent Baseline Emissions**

Annual Emissions (metric tons per year)			
Vehicle	GHG Emissions Adjusted to Reduce MAP (96 MAP in 2030 to 45.8 MAP in 1990)	Adjusted to Remove Emission Reduction Regulatory Requirements	Project Emissions in 2024 Compared to 1990 Baseline - Percent Above or Below Baseline
Auto	127,232	187,294	42.39%
Truck	23,477	25,808	90.67%
<b>Total</b>	<b>150,709</b>	<b>213,102</b>	<b>48.24%</b>

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## Attachment F.4

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- Potential Future Related Development without Mitigation
  - Breakdown

Emissions associated with the operation of potential Future-Related Development	Square Footage	Acreage	CalEEMod Template	Annual Operational Emissions (tpy)									(mtpy) CO2e		
				ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5		Total PM2.5	
Clothing Retail Space	40000	0.92	Strip Mall		0.70	1.10	5.14	0.02	1.17	0.03	1.20	0.32	0.03	0.34	1629.45
Conference Center	100000	2.30	General Office Building		0.79	0.89	3.63	0.02	1.02	0.03	1.05	0.27	0.03	0.30	2182.64
Food-Drugs Retail Space	35000	0.80	Pharmacy/Drugstore w/o Drive Thru		1.09	1.73	8.54	0.03	1.64	0.04	1.68	0.44	0.04	0.48	2128.17
General Office	300000	6.89	General Office Building		2.36	2.67	10.88	0.05	3.07	0.08	3.15	0.82	0.08	0.90	6547.92
Hotel	300564	6.90	Hotel		2.02	1.66	6.13	0.03	1.48	0.06	1.54	0.40	0.06	0.46	3462.61
Other Development	35000	0.80	Strip Mall		0.61	0.97	4.50	0.02	1.03	0.02	1.05	0.28	0.02	0.30	1425.76
Personal Care-Services	25000	0.57	Strip Mall		0.44	0.69	3.21	0.01	0.73	0.02	0.75	0.20	0.02	0.21	1018.40
Restaurant-Bars	65000	1.49	High Turnover (Sit Down Restaurant)		2.91	5.43	23.87	0.08	4.46	0.17	4.62	1.20	0.16	1.35	7798.40
<b>Total</b>					<b>10.92</b>	<b>15.14</b>	<b>65.91</b>	<b>0.24</b>	<b>14.60</b>	<b>0.45</b>	<b>15.05</b>	<b>3.91</b>	<b>0.42</b>	<b>4.34</b>	<b>26193.36</b>

**Potential Future Related Development Emissions Breakdown**

	<u>Clothing Retail Space</u> ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	CO2e
Area		0.1909	0.0000	0.0005	0.0000		0.0000		0.0000	0.0000	0.0011
Energy		0.0004	0.0033	0.0028	0.0000		0.0003		0.0003	0.0003	342.2947
Mobile		0.5090	1.1005	5.1379	0.0189	1.1745	1.2023	0.3150	0.0256	0.3406	1231.5787
Waste							0.0000		0.0000	0.0000	19.1065
Water							0.0000		0.0000	0.0000	36.4644
<b>TOTAL</b>		<b>0.7003</b>	<b>1.1038</b>	<b>5.1412</b>	<b>0.0189</b>	<b>1.1745</b>	<b>1.2026</b>	<b>0.3150</b>	<b>0.0259</b>	<b>0.3409</b>	<b>1629.4454</b>
	<u>Conference Center</u> ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	CO2e
Area		0.48	0.00	0.00	0.00		0.00		0.00	0.00	0.00
Energy		0.01	0.05	0.05	0.00		0.00		0.00	0.00	869.57
Mobile		0.30	0.84	3.58	0.02	1.02	1.05	0.27	0.02	0.30	1052.02
Waste							0.00		0.00	0.00	42.31
Water							0.00		0.00	0.00	218.74
<b>TOTAL</b>		<b>0.7870</b>	<b>0.8903</b>	<b>3.6269</b>	<b>0.0164</b>	<b>1.0221</b>	<b>1.0492</b>	<b>0.2741</b>	<b>0.0253</b>	<b>0.2994</b>	<b>2182.6399</b>
	<u>Food-Drugs Retail Space</u> ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	CO2e
Area		0.17	0.00	0.00	0.00		0.00		0.00	0.00	0.00
Energy		0.00	0.00	0.00	0.00		0.00		0.00	0.00	299.51
Mobile		0.92	1.72	8.54	0.03	1.64	1.68	0.44	0.04	0.48	1750.44
Waste							0.00		0.00	0.00	47.88
Water							0.00		0.00	0.00	30.34
<b>TOTAL</b>		<b>1.0913</b>	<b>1.7251</b>	<b>8.5418</b>	<b>0.0268</b>	<b>1.6405</b>	<b>1.6813</b>	<b>0.4399</b>	<b>0.0377</b>	<b>0.4776</b>	<b>2128.1708</b>
	<u>General Office</u> ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	CO2e
Area		1.43	0.00	0.00	0.00		0.00		0.00	0.00	0.01
Energy		0.02	0.16	0.14	0.00		0.01		0.01	0.01	2608.72
Mobile		0.91	2.51	10.74	0.05	3.07	3.14	0.82	0.06	0.89	3156.06
Waste							0.00		0.00	0.00	126.92
Water							0.00		0.00	0.00	656.21
<b>TOTAL</b>		<b>2.3611</b>	<b>2.6707</b>	<b>10.8806</b>	<b>0.0494</b>	<b>3.0663</b>	<b>3.1474</b>	<b>0.8223</b>	<b>0.0758</b>	<b>0.8981</b>	<b>6547.9195</b>
	<u>Hotel</u> ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	CO2e
Area		1.43	0.00	0.00	0.00		0.00		0.00	0.00	0.01
Energy		0.04	0.37	0.31	0.00		0.03		0.03	0.03	1829.53
Mobile		0.54	1.30	5.82	0.02	1.48	1.51	0.40	0.03	0.43	1533.24
Waste							0.00		0.00	0.00	51.56
Water							0.00		0.00	0.00	48.29
<b>TOTAL</b>		<b>2.0153</b>	<b>1.6648</b>	<b>6.1310</b>	<b>0.0257</b>	<b>1.4756</b>	<b>1.5377</b>	<b>0.3957</b>	<b>0.0594</b>	<b>0.4551</b>	<b>3462.6096</b>
	<u>Other Development</u> ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	CO2e
Area		0.17	0.00	0.00	0.00		0.00		0.00	0.00	0.00
Energy		0.00	0.00	0.00	0.00		0.00		0.00	0.00	299.51
Mobile		0.45	0.96	4.50	0.02	1.03	1.05	0.28	0.02	0.30	1077.63
Waste							0.00		0.00	0.00	16.72
Water							0.00		0.00	0.00	31.91
<b>TOTAL</b>		<b>0.6128</b>	<b>0.9658</b>	<b>4.4985</b>	<b>0.0165</b>	<b>1.0277</b>	<b>1.0522</b>	<b>0.2756</b>	<b>0.0226</b>	<b>0.2982</b>	<b>1425.7647</b>
	<u>Personal Care-Services</u> ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	CO2e
Area		0.12	0.00	0.00	0.00		0.00		0.00	0.00	0.00
Energy		0.00	0.00	0.00	0.00		0.00		0.00	0.00	213.93
Mobile		0.32	0.69	3.21	0.01	0.73	0.75	0.20	0.02	0.21	769.74
Waste							0.00		0.00	0.00	11.94
Water							0.00		0.00	0.00	22.79
<b>TOTAL</b>		<b>0.4376</b>	<b>0.6899</b>	<b>3.2133</b>	<b>0.0118</b>	<b>0.7341</b>	<b>0.7516</b>	<b>0.1969</b>	<b>0.0162</b>	<b>0.2131</b>	<b>1018.4034</b>
	<u>Restaurant-Bars</u> ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	CO2e
Area		0.31	0.00	0.00	0.00		0.00		0.00	0.00	0.00
Energy		0.08	0.74	0.62	0.00		0.06		0.06	0.06	2514.82
Mobile		2.52	4.69	23.25	0.07	4.46	4.57	1.20	0.10	1.30	4756.06
Waste							0.00		0.00	0.00	351.88
Water							0.00		0.00	0.00	175.65
<b>TOTAL</b>		<b>2.9102</b>	<b>5.4282</b>	<b>23.8744</b>	<b>0.0774</b>	<b>4.4562</b>	<b>4.6231</b>	<b>1.1950</b>	<b>0.1583</b>	<b>1.3533</b>	<b>7798.4048</b>

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## Attachment F.4

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- Potential Future Related Development with Mitigation
  - Breakdown

Emissions associated with the operation of potential Future-Related Development				Annual Operational Emissions with Mitigation (tpy)										(mtpy)	
Development	Square Footage	Acreage	CalEEMod Template	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	CO2e	
Clothing Retail Space	40000	0.92	Strip Mall		0.67	0.89	4.41	0.01	0.85	0.02	0.87	0.23	0.02	0.25	1209.68
Conference Center	100000	2.30	General Office Building		0.76	0.70	2.98	0.01	0.73	0.02	0.76	0.20	0.02	0.22	1705.89
Food-Drugs Retail Space	35000	0.80	Pharmacy/Drugstore w/o Drive Th		1.05	1.43	7.53	0.02	1.19	0.03	1.22	0.32	0.03	0.35	1565.40
General Office	300000	6.89	General Office Building		2.27	2.11	8.94	0.04	2.20	0.06	2.27	0.59	0.06	0.65	5117.68
Hotel	300564	6.90	Hotel		1.97	1.40	5.21	0.02	1.06	0.05	1.12	0.29	0.05	0.34	2816.16
Other Development	35000	0.80	Strip Mall		0.58	0.78	3.86	0.01	0.74	0.02	0.76	0.20	0.02	0.22	1058.47
Personal Care-Services	25000	0.57	Strip Mall		0.42	0.56	2.76	0.01	0.53	0.01	0.54	0.14	0.01	0.15	756.05
Restaurant-Bars	65000	1.49	High Turnover (Sit Down Restaura		2.79	4.63	21.12	0.06	3.23	0.14	3.37	0.87	0.13	1.00	6273.80
<b>Total</b>					<b>10.51</b>	<b>12.51</b>	<b>56.79</b>	<b>0.18</b>	<b>10.54</b>	<b>0.36</b>	<b>10.90</b>	<b>2.83</b>	<b>0.34</b>	<b>3.17</b>	<b>20503.11</b>
<i>reductions due to mitigation (tpy):</i>					-0.41	-2.63	-9.11	-0.06	-4.06	-0.08	-4.14	-1.09	-0.08	-1.17	-5690.24

Potential Future Related Development Emissions Breakdown	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	CO2e
<b>Clothing Retail Space w/ Mitigation ROG</b>										
Area	0.19	0.00	0.00	0.00		0.00		0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00		0.00		0.00	0.00	263.72
Mobile	0.48	0.89	4.40	0.01	0.85	0.02	0.87	0.23	0.02	904.84
Waste						0.00	0.00		0.00	14.33
Water						0.00	0.00		0.00	26.79
<b>TOTAL</b>	<b>0.6674</b>	<b>0.8924</b>	<b>4.4082</b>	<b>0.0139</b>	<b>0.8482</b>	<b>0.0213</b>	<b>0.8695</b>	<b>0.2275</b>	<b>0.0197</b>	<b>1209.6754</b>
<b>Conference Center w/ Mitigation ROG</b>										
Area	0.4773	0.00	0.00	0.00		0.00		0.00	0.00	0.00
Energy	0.01	0.05	0.05	0.00		0.00		0.00	0.00	749.87
Mobile	0.27	0.65	2.93	0.01	0.73	0.02	0.75	0.20	0.02	763.60
Waste						0.00	0.00		0.00	31.73
Water						0.00	0.00		0.00	160.69
<b>TOTAL</b>	<b>0.7580</b>	<b>0.7037</b>	<b>2.9800</b>	<b>0.0120</b>	<b>0.7341</b>	<b>0.0211</b>	<b>0.7552</b>	<b>0.1969</b>	<b>0.0198</b>	<b>1705.8930</b>
<b>Food-Drugs Retail Space w/ Mitigation ROG</b>										
Area	0.17	0.00	0.00	0.00		0.00		0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00		0.00		0.00	0.00	230.75
Mobile	0.88	1.43	7.53	0.02	1.19	0.03	1.22	0.32	0.03	1298.74
Waste						0.00	0.00		0.00	35.91
Water						0.00	0.00	0.0000	0.0000	22.2923
<b>TOTAL</b>	<b>1.0458</b>	<b>1.4329</b>	<b>7.5285</b>	<b>0.0199</b>	<b>1.1895</b>	<b>0.0314</b>	<b>1.2209</b>	<b>0.3190</b>	<b>0.0290</b>	<b>1565.3979</b>
<b>General Office w/ Mitigation ROG</b>										
Area	1.43	0.00	0.00	0.00		0.00		0.00	0.00	0.01
Energy	0.02	0.16	0.14	0.00		0.01	0.01	0.01	0.01	2249.60
Mobile	0.82	1.95	8.80	0.04	2.20	0.05	2.25	0.59	0.05	2290.81
Waste						0.00	0.00		0.00	95.19
Water						0.00	0.00		0.00	482.07
<b>TOTAL</b>	<b>2.2740</b>	<b>2.1110</b>	<b>8.9398</b>	<b>0.0361</b>	<b>2.2023</b>	<b>0.0632</b>	<b>2.2654</b>	<b>0.5906</b>	<b>0.0592</b>	<b>5117.6792</b>
<b>Hotel w/ Mitigation ROG</b>										
Area	1.43	0.00	0.00	0.00		0.00		0.00	0.00	0.01
Energy	0.04	0.37	0.31	0.00		0.03	0.03	0.03	0.03	1620.69
Mobile	0.50	1.03	4.90	0.02	1.06	0.03	1.09	0.29	0.02	1121.57
Waste						0.00	0.00		0.00	38.67
Water						0.00	0.00		0.00	35.22
<b>TOTAL</b>	<b>1.9738</b>	<b>1.3985</b>	<b>5.2076</b>	<b>0.0194</b>	<b>1.0646</b>	<b>0.0535</b>	<b>1.1181</b>	<b>0.2855</b>	<b>0.0515</b>	<b>2816.1577</b>
<b>Other Development w/ Mitigation ROG</b>										
Area	0.17	0.00	0.00	0.00		0.00		0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00		0.00		0.00	0.00	230.75
Mobile	0.42	0.78	3.85	0.01	0.74	0.02	0.76	0.20	0.02	791.73
Waste						0.00	0.00		0.00	12.54
Water						0.00	0.00		0.00	23.44
<b>TOTAL</b>	<b>0.5840</b>	<b>0.7809</b>	<b>3.8572</b>	<b>0.0121</b>	<b>0.7422</b>	<b>0.0186</b>	<b>0.7608</b>	<b>0.1990</b>	<b>0.0172</b>	<b>1058.4658</b>
<b>Personal Care-Services w/ Mitigation ROG</b>										
Area	0.12	0.00	0.00	0.00		0.00		0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00		0.00		0.00	0.00	164.82
Mobile	0.30	0.56	2.75	0.01	0.53	0.01	0.54	0.14	0.01	565.52
Waste						0.00	0.00		0.00	8.96
Water						0.00	0.00		0.00	16.74
<b>TOTAL</b>	<b>0.4171</b>	<b>0.5578</b>	<b>2.7552</b>	<b>0.0087</b>	<b>0.5301</b>	<b>0.0133</b>	<b>0.5435</b>	<b>0.1422</b>	<b>0.0123</b>	<b>756.0471</b>
<b>Restaurant-Bars w/ Mitigation ROG</b>										
Area	0.31	0.00	0.00	0.00		0.00		0.00	0.00	0.00
Energy	0.08	0.74	0.62	0.00		0.06	0.06	0.06	0.06	2354.49
Mobile	2.39	3.89	20.49	0.05	3.23	0.08	3.31	0.87	0.08	3527.40
Waste						0.00	0.00		0.00	263.91
Water						0.00	0.00		0.00	128.00
<b>TOTAL</b>	<b>2.7865</b>	<b>4.6333</b>	<b>21.1184</b>	<b>0.0585</b>	<b>3.2293</b>	<b>0.1413</b>	<b>3.3706</b>	<b>0.8660</b>	<b>0.1348</b>	<b>6273.7972</b>

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## Attachment F.4

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- Proposed Project – No Electrical Demand

**LAX LAMP AQ EIR**

Emissions associated with operation of the proposed project (w/o electrical demand)

Development	S.F	Acreage	Template	Annual Operational Emissions (tpy)										(mtpy) CO2e			
				ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5				
proposed Project Development	637500	11.28	General Office Building -- breakdown --	1.16	0.00		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1664.18
			Area	1.16	0.00		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
			Energy	0.04	0.34		0.29	0.00	0.00	0.00	0.03	0.03	0.00	0.03	0.03	0.03	5543.53
			Mobile	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			Waste	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	269.71
			Water	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1394.45

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- Proposed Project AQ – Electrical Demand

**LAX LAMP AQ EIR**

AQ emissions associated with the electrical demand of operation of the proposed Project

**Operational Power Demand from in-Basin Sources      Future LAMP proposed Project**

	<b>2015</b>	<b>2024</b>	<b>2035</b>
<i>without</i>	31,332	31,332	31,332 Mwh
<i>Mitigation</i>	205,591,757	205,591,757	205,591,757 scf natural gas
<b>CO</b>	8.63 tons	8.63 tons	8.63 tons
<b>ROG</b>	0.57 tons	0.57 tons	0.57 tons
<b>NO2</b>	3.92 tons	3.92 tons	3.92 tons
<b>SO2</b>	0.06 tons	0.06 tons	0.06 tons
<b>PM10</b>	0.78 tons	0.78 tons	0.78 tons
<b>PM2.5</b>	0.78 tons	0.78 tons	0.78 tons

	<b>2015</b>	<b>2024</b>	<b>2035</b>
<i>with</i>	21,132	21,132	22,356 Mwh
<i>Mitigation</i>	138,661,318	138,661,318	146,692,971 scf natural gas
<b>CO</b>	5.82 tons	5.82 tons	6.16 tons
<b>ROG</b>	0.38 tons	0.38 tons	0.4 tons
<b>NO2</b>	2.64 tons	2.64 tons	2.79 tons
<b>SO2</b>	0.04 tons	0.04 tons	0.04 tons
<b>PM10</b>	0.53 tons	0.53 tons	0.56 tons
<b>PM2.5</b>	0.53 tons	0.53 tons	0.56 tons

From AP-42, Emission Factors associated with combustion of Natural Gas

<b>Pollutant</b>	<b>Emission Factor (lb/10<sup>6</sup> scf)</b>
SO2	0.6
VOC	5.5
CO	84
PM10	7.6
PM2.5	7.6 Conservative assume to be 100% of PM10

Maximum emissions rate per SCAQMD 1135

NO2	0.25 lb/MWh
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SCAQMD Rule 1135

Maximum Allowable Nox emissions rate for LADWP: 0.25 lb/MWh

<http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1135.pdf?sfvrsn=4>

37 percent of basin energy comes from basin

<http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2016-air-quality-management-plan/DRAFT2016AQMP/AQMPCH10.pdf?sfvrsn=4> (page 14)

EPA AP-42 used for emissions rates for combustion of natural gas

<https://www3.epa.gov/ttnchie1/ap42/ch01/final/c01s04.pdf>

2015 Integrated Resource Plan (FINAL IRP)

pdf

52-60% efficient heating value of natural gas to electrical generation

<https://www.aep.com/about/IssuesAndPositions/Generation/Technologies/NaturalGas.aspx>

3.41214 scf per 1 kWh

3412.14 scf per 1 MWh

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## **Attachment F.4**

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### Operations – Criteria Pollutant and Greenhouse Gas Emissions

- Proposed Project GHG – Electrical Demand

**LAX LAMP GHG EIR**

GHG emissions associated with the electrical demand of operation of the proposed Project

**2014 Total Power-Related GHG Emissions for proposed Project Operations**

Total Power:	232 MWh/day		
Total Yearly:	84,680 MWh/year		
Total CO2:	103,977,636 lbs/Yr	1 lb CO2e per lb	
Total CH4:	2,456 lbs/Yr	25 lb CO2e per lb	
Total N2O:	508 lbs/Yr	298 lb CO2e per lb	
Total CO2e:	47,260 MT/Yr		

**2014 Total Estimated Power-Related GHG Emissions for Existing Infrastructure**

Total Power:	135 MWh/day		
Total Yearly:	49,252 MWh/year		
Total CO2:	60,476,313 lbs/Yr	1 lb CO2e per lb	
Total CH4:	1,428 lbs/Yr	25 lb CO2e per lb	
Total N2O:	296 lbs/Yr	298 lb CO2e per lb	
Total CO2e:	27,488 MT/Yr		

**2014 From CalEEMod:**

CO2:	1,227,890 lb/MWh
CH4:	0.029 lb/MWh
N2O:	0.006 lb/MWh

**2024 Total Power-Related GHG Emissions for proposed Project Operations**

Total Power:	232 MWh/day		
Total Yearly:	84,680 MWh/year		
Total CO2:	69,860,940 lbs/Yr	1 lb CO2e per lb	
Total CH4:	2,456 lbs/Yr	25 lb CO2e per lb	
Total N2O:	508 lbs/Yr	298 lb CO2e per lb	
Total CO2e:	31,785 MT/Yr		

**2024 Total Estimated Power-Related GHG Emissions for Existing Infrastructure**

Total Power:	135 MWh/day		
Total Yearly:	49,252 MWh/year		
Total CO2:	40,633,085 lbs/Yr	1 lb CO2e per lb	
Total CH4:	1,428 lbs/Yr	25 lb CO2e per lb	
Total N2O:	296 lbs/Yr	298 lb CO2e per lb	
Total CO2e:	18,487 MT/Yr		

**2024 From 2015 Power Integrated Resource Plan:**

CO2:	825.000 lb/MWh
CH4:	0.029 lb/MWh
N2O:	0.006 lb/MWh

**2035 Total Power-Related GHG Emissions for proposed Project Operations**

Total Power:	232 MWh/day		
Total Yearly:	84,680 MWh/year		
Total CO2:	46,235,240 lbs/Yr	1 lb CO2e per lb	
Total CH4:	2,456 lbs/Yr	25 lb CO2e per lb	
Total N2O:	508 lbs/Yr	298 lb CO2e per lb	
Total CO2e:	21,069 MT/Yr		

**2035 Total Estimated Power-Related GHG Emissions for Existing Infrastructure**

Total Power:	135 MWh/day		
Total Yearly:	49,252 MWh/year		
Total CO2:	26,891,714 lbs/Yr	1 lb CO2e per lb	
Total CH4:	1,428 lbs/Yr	25 lb CO2e per lb	
Total N2O:	296 lbs/Yr	298 lb CO2e per lb	
Total CO2e:	12,254 MT/Yr		

**2035 From 2015 Power Integrated Resource Plan:**

CO2:	546.000 lb/MWh
CH4:	0.029 lb/MWh
N2O:	0.006 lb/MWh

**2015 Power Integrated Resource Plan Emissions Data**

Year	CO2/MWh	days/yr	365
		lbs/MT:	2204.62
2000	1,413		
2001	1,422		
2002	1,388		
2003	1,393		
2004	1,380		
2005	1,319		
2006	1,279		
2007	1,245		
2008	1,217		
2009	1,151		
2010	1,104		
2011	1,156		
2012	1,094		
2013	1,135		
2014	1,163		
2015	1054 - Extrapolated Data Start		
2016	1029		
2017	1003		
2018	978		
2019	952		
2020	927		
2021	901		
2022	876		
2023	851		
2024	825		
2025	800		
2026	774		
2027	749		
2028	724		
2029	698		
2030	673		
2031	647		
2032	622		
2033	596		
2034	571		
2035	546		

**2014 Total Power-Related GHG Emissions for proposed Project Operations with Mitigation**

Total Power:	232 MWh/day		
Total Yearly:	74,480 MWh/year		
Total CO2:	91,453,158 lbs/Yr	1 lb CO2e per lb	
Total CH4:	2,160 lbs/Yr	25 lb CO2e per lb	
Total N2O:	447 lbs/Yr	298 lb CO2e per lb	
Total CO2e:	41,567 MT/Yr		

**2024 Total Power-Related GHG Emissions for proposed Project Operations with Mitigation**

Total Power:	232 MWh/day		
Total Yearly:	74,480 MWh/year		
Total CO2:	61,445,940 lbs/Yr	1 lb CO2e per lb	
Total CH4:	2,160 lbs/Yr	25 lb CO2e per lb	
Total N2O:	447 lbs/Yr	298 lb CO2e per lb	
Total CO2e:	27,956 MT/Yr		

**2035 Total Power-Related GHG Emissions for proposed Project Operations with Mitigation**

Total Power:	232 MWh/day		
Total Yearly:	75,704 MWh/year		
Total CO2:	41,334,344 lbs/Yr	1 lb CO2e per lb	
Total CH4:	2,195 lbs/Yr	25 lb CO2e per lb	
Total N2O:	454 lbs/Yr	298 lb CO2e per lb	
Total CO2e:	18,835 MT/Yr		

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## Attachment F.5

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### Operation Concentrations– Criteria Pollutants

- Proposed Project CO
- Proposed Project NOx
- Proposed Project PM10
- Proposed Project PM25
- Proposed Project SO2
- Proposed Project Summary

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## Attachment F.5

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### Operation Concentrations– Criteria Pollutants

- Proposed Project CO

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_1	366363.62	3757753.1	2.11E+00	1.60E+00	1.40E+00	1.05E+00	5.56E-01	5.17E-01	3.55E-01	3.26E-01
Receptor_2	369385.71	3758351.85	4.27E+00	3.96E+00	2.76E+00	2.62E+00	2.01E+00	1.99E+00	1.27E+00	1.26E+00
Receptor_3	369388.19	3758584.61	3.54E+00	3.36E+00	2.23E+00	2.19E+00	1.57E+00	1.54E+00	9.72E-01	9.56E-01
Receptor_4	371727.3	3758286.14	4.56E+00	4.50E+00	2.91E+00	2.85E+00	2.22E+00	1.60E+00	1.44E+00	1.02E+00
Receptor_5	371973.18	3757657.97	6.21E+00	6.18E+00	4.44E+00	4.43E+00	3.56E+00	3.37E+00	2.35E+00	2.26E+00
Receptor_6	372028.99	3757658.28	6.38E+00	6.06E+00	4.47E+00	4.34E+00	3.56E+00	3.33E+00	2.35E+00	2.28E+00
Receptor_7	372057.72	3757303.44	1.72E+01	1.71E+01	1.21E+01	1.19E+01	9.42E+00	9.33E+00	6.51E+00	6.44E+00
Receptor_8	372058.94	3757365.68	1.38E+01	1.35E+01	9.38E+00	9.18E+00	7.24E+00	7.13E+00	4.88E+00	4.80E+00
Receptor_9	372114.76	3757419.38	1.13E+01	1.12E+01	7.75E+00	7.65E+00	5.93E+00	5.82E+00	4.03E+00	3.94E+00
Receptor_10	372149.51	3757302.81	1.64E+01	1.59E+01	1.17E+01	1.14E+01	8.94E+00	8.84E+00	6.30E+00	6.22E+00
Receptor_11	366675.72	3757743.67	2.37E+00	1.78E+00	1.56E+00	1.16E+00	6.55E-01	6.45E-01	4.13E-01	3.98E-01
Receptor_12	367105.41	3757963.83	2.16E+00	2.11E+00	1.41E+00	1.38E+00	1.03E+00	8.68E-01	6.65E-01	5.44E-01
Receptor_13	367221.3	3757911.68	1.88E+00	1.62E+00	1.22E+00	1.04E+00	7.71E-01	7.29E-01	4.79E-01	4.58E-01
Receptor_14	367346.43	3757955.57	1.79E+00	1.78E+00	1.15E+00	1.14E+00	7.74E-01	7.49E-01	4.78E-01	4.66E-01
Receptor_15	367457.41	3758010.28	2.05E+00	1.77E+00	1.34E+00	1.15E+00	7.54E-01	7.48E-01	4.71E-01	4.62E-01
Receptor_16	367730.93	3758222.91	3.80E+00	3.00E+00	2.53E+00	1.94E+00	1.23E+00	1.17E+00	7.67E-01	7.48E-01
Receptor_17	367995.3	3758074.68	4.26E+00	3.85E+00	2.87E+00	2.56E+00	1.63E+00	1.43E+00	1.04E+00	9.18E-01
Receptor_18	369154.15	3758166.98	1.43E+01	1.42E+01	8.93E+00	8.93E+00	7.38E+00	7.30E+00	4.62E+00	4.53E+00
Receptor_19	369214.54	3758209.64	2.04E+01	1.53E+01	1.25E+01	9.42E+00	6.20E+00	5.82E+00	3.83E+00	3.60E+00
Receptor_20	369279.67	3758015.34	1.45E+01	1.44E+01	9.05E+00	8.90E+00	7.79E+00	7.51E+00	4.82E+00	4.61E+00
Receptor_21	369788.09	3758340.35	3.19E+00	3.02E+00	2.09E+00	1.95E+00	1.52E+00	1.51E+00	9.53E-01	9.43E-01
Receptor_22	369790.55	3758580.31	3.69E+00	3.15E+00	2.53E+00	2.02E+00	1.32E+00	1.28E+00	8.16E-01	8.09E-01
Receptor_23	371537.21	3756959.02	1.41E+01	1.27E+01	1.02E+01	9.24E+00	5.76E+00	5.69E+00	4.12E+00	4.00E+00
Receptor_24	371736.26	3757371.88	1.53E+01	1.44E+01	1.11E+01	1.04E+01	7.54E+00	7.01E+00	5.34E+00	5.06E+00
Receptor_25	371795.72	3757393.54	1.38E+01	1.28E+01	9.93E+00	9.21E+00	6.89E+00	6.23E+00	4.81E+00	4.48E+00
Receptor_26	371925.68	3757658.96	6.42E+00	6.27E+00	4.53E+00	4.49E+00	3.55E+00	3.35E+00	2.35E+00	2.29E+00
Receptor_27	367720.95	3757929.47	2.13E+00	1.93E+00	1.39E+00	1.25E+00	8.94E-01	8.73E-01	5.57E-01	5.38E-01
Receptor_28	366410.42	3757645.39	2.29E+00	1.73E+00	1.52E+00	1.14E+00	5.67E-01	5.53E-01	3.61E-01	3.53E-01
Receptor_29	366412.06	3757743.84	2.14E+00	1.62E+00	1.42E+00	1.06E+00	5.63E-01	5.24E-01	3.60E-01	3.31E-01
Receptor_30	366449.1	3757556.84	2.32E+00	1.75E+00	1.54E+00	1.15E+00	6.09E-01	5.36E-01	3.89E-01	3.40E-01
Receptor_31	366471.13	3757711.22	2.22E+00	1.68E+00	1.48E+00	1.10E+00	5.71E-01	5.47E-01	3.65E-01	3.47E-01
Receptor_32	366487.79	3757468.29	2.22E+00	1.67E+00	1.47E+00	1.10E+00	6.43E-01	5.49E-01	4.12E-01	3.50E-01
Receptor_33	366526.47	3757379.74	2.00E+00	1.51E+00	1.32E+00	9.88E-01	6.61E-01	5.73E-01	4.24E-01	3.65E-01
Receptor_34	366543.32	3757684.41	2.41E+00	1.81E+00	1.59E+00	1.18E+00	6.29E-01	6.21E-01	3.93E-01	3.91E-01
Receptor_35	366565.16	3757291.19	1.69E+00	1.47E+00	1.11E+00	9.75E-01	6.59E-01	5.85E-01	4.23E-01	3.72E-01
Receptor_36	366572.51	3757755.35	3.28E+00	2.42E+00	2.21E+00	1.61E+00	1.14E+00	8.76E-01	7.36E-01	5.65E-01
Receptor_37	366603.85	3757202.64	1.60E+00	1.50E+00	1.06E+00	9.93E-01	6.35E-01	5.95E-01	4.06E-01	3.82E-01
Receptor_38	366629.35	3757738.18	3.55E+00	2.67E+00	2.39E+00	1.77E+00	1.26E+00	9.32E-01	8.20E-01	6.02E-01
Receptor_39	366642.53	3757114.09	1.66E+00	1.58E+00	1.10E+00	1.05E+00	6.33E-01	5.98E-01	4.09E-01	3.82E-01
Receptor_40	366681.22	3757025.54	1.65E+00	1.63E+00	1.10E+00	1.08E+00	6.60E-01	5.95E-01	4.29E-01	3.81E-01
Receptor_41	366700.77	3757739.37	2.31E+00	1.74E+00	1.53E+00	1.14E+00	6.39E-01	6.15E-01	4.04E-01	3.81E-01
Receptor_42	366719.91	3756936.99	1.62E+00	1.53E+00	1.08E+00	1.03E+00	6.67E-01	5.79E-01	4.34E-01	3.70E-01
Receptor_43	366758.59	3756848.44	1.74E+00	1.63E+00	1.17E+00	1.10E+00	6.47E-01	5.63E-01	4.20E-01	3.62E-01
Receptor_44	366780.64	3757782.9	2.13E+00	1.61E+00	1.41E+00	1.05E+00	6.23E-01	5.97E-01	3.97E-01	3.76E-01
Receptor_45	366797.28	3756759.89	1.95E+00	1.71E+00	1.32E+00	1.15E+00	6.00E-01	5.87E-01	3.86E-01	3.78E-01
Receptor_46	366835.96	3756671.34	2.04E+00	1.72E+00	1.38E+00	1.17E+00	6.00E-01	5.74E-01	3.87E-01	3.76E-01
Receptor_47	366869.69	3757831.79	1.98E+00	1.50E+00	1.30E+00	9.75E-01	6.23E-01	6.11E-01	3.98E-01	3.85E-01
Receptor_48	366874.65	3756582.79	1.99E+00	1.89E+00	1.34E+00	1.29E+00	6.04E-01	6.01E-01	3.97E-01	3.88E-01
Receptor_49	366900	3756500	1.95E+00	1.95E+00	1.33E+00	1.33E+00	6.20E-01	5.90E-01	4.09E-01	3.80E-01
Receptor_50	366913.34	3756494.23	1.98E+00	1.96E+00	1.35E+00	1.34E+00	6.25E-01	5.93E-01	4.12E-01	3.82E-01
Receptor_51	366921.75	3757860.58	1.90E+00	1.44E+00	1.25E+00	9.39E-01	6.28E-01	6.24E-01	4.01E-01	3.93E-01
Receptor_52	366952.02	3756405.68	2.11E+00	2.00E+00	1.44E+00	1.36E+00	6.33E-01	5.89E-01	4.18E-01	3.79E-01
Receptor_53	366982.97	3757895	1.85E+00	1.47E+00	1.21E+00	9.51E-01	6.59E-01	6.53E-01	4.14E-01	4.13E-01
Receptor_54	366990.71	3756317.13	2.15E+00	2.12E+00	1.47E+00	1.44E+00	6.24E-01	5.85E-01	4.11E-01	3.76E-01
Receptor_55	367029.39	3756228.58	2.15E+00	2.09E+00	1.46E+00	1.42E+00	5.96E-01	5.80E-01	3.92E-01	3.72E-01
Receptor_56	367044.19	3757929.41	2.11E+00	2.09E+00	1.38E+00	1.38E+00	9.73E-01	7.98E-01	6.24E-01	5.06E-01
Receptor_57	367068.08	3756140.03	2.09E+00	2.07E+00	1.42E+00	1.41E+00	5.76E-01	5.54E-01	3.69E-01	3.60E-01
Receptor_58	367106.77	3756051.48	2.19E+00	1.95E+00	1.49E+00	1.32E+00	5.71E-01	5.49E-01	3.65E-01	3.46E-01
Receptor_59	367145.45	3755962.93	2.19E+00	1.75E+00	1.49E+00	1.18E+00	6.08E-01	5.60E-01	3.93E-01	3.57E-01
Receptor_60	367163.35	3757937.75	2.77E+00	2.70E+00	1.83E+00	1.77E+00	1.30E+00	1.03E+00	8.42E-01	6.51E-01
Receptor_61	367184.14	3755874.38	2.08E+00	1.85E+00	1.42E+00	1.24E+00	6.56E-01	5.41E-01	4.26E-01	3.43E-01
Receptor_62	367222.83	3755785.83	2.00E+00	1.90E+00	1.34E+00	1.28E+00	6.79E-01	5.15E-01	4.42E-01	3.21E-01
Receptor_63	367261.51	3755697.28	2.05E+00	1.80E+00	1.38E+00	1.21E+00	6.81E-01	5.27E-01	4.43E-01	3.38E-01
Receptor_64	367284.84	3757912.25	1.86E+00	1.59E+00	1.20E+00	1.02E+00	7.68E-01	7.34E-01	4.76E-01	4.60E-01
Receptor_65	367300.2	3755608.73	2.02E+00	1.75E+00	1.36E+00	1.17E+00	6.67E-01	5.41E-01	4.32E-01	3.48E-01

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_66	367338.88	3755520.18	1.91E+00	1.62E+00	1.28E+00	1.08E+00	6.45E-01	5.79E-01	4.16E-01	3.72E-01
Receptor_67	367348.39	3757912.82	1.93E+00	1.78E+00	1.25E+00	1.14E+00	8.59E-01	7.89E-01	5.37E-01	4.88E-01
Receptor_68	367377.57	3755431.63	1.75E+00	1.67E+00	1.17E+00	1.10E+00	6.18E-01	6.00E-01	3.97E-01	3.86E-01
Receptor_69	367401.92	3757982.92	1.92E+00	1.71E+00	1.24E+00	1.11E+00	7.36E-01	7.32E-01	4.57E-01	4.53E-01
Receptor_70	367464.88	3755430.72	1.74E+00	1.72E+00	1.15E+00	1.15E+00	6.23E-01	6.15E-01	4.00E-01	3.96E-01
Receptor_71	367498.6	3757937.52	1.88E+00	1.77E+00	1.22E+00	1.14E+00	7.70E-01	7.70E-01	4.75E-01	4.70E-01
Receptor_72	367539.8	3757864.76	1.92E+00	1.68E+00	1.25E+00	1.08E+00	7.93E-01	7.81E-01	4.92E-01	4.79E-01
Receptor_73	367552.2	3755429.8	1.80E+00	1.69E+00	1.19E+00	1.13E+00	6.26E-01	6.25E-01	4.03E-01	4.02E-01
Receptor_74	367596.95	3757879.64	1.92E+00	1.80E+00	1.24E+00	1.16E+00	8.41E-01	8.16E-01	5.19E-01	4.99E-01
Receptor_75	367628.79	3757855.59	1.97E+00	1.75E+00	1.28E+00	1.13E+00	8.37E-01	8.16E-01	5.21E-01	5.01E-01
Receptor_76	367639.51	3755428.89	1.85E+00	1.69E+00	1.23E+00	1.12E+00	6.34E-01	6.28E-01	4.08E-01	4.03E-01
Receptor_77	367696.39	3757845.44	2.01E+00	1.79E+00	1.31E+00	1.16E+00	8.67E-01	8.41E-01	5.41E-01	5.18E-01
Receptor_78	367700.81	3758169.46	3.29E+00	2.75E+00	2.20E+00	1.80E+00	1.12E+00	1.03E+00	7.06E-01	6.55E-01
Receptor_79	367707.57	3757896.37	1.99E+00	1.88E+00	1.30E+00	1.22E+00	8.84E-01	8.61E-01	5.51E-01	5.31E-01
Receptor_80	367726.83	3755427.97	1.88E+00	1.73E+00	1.25E+00	1.14E+00	6.40E-01	6.29E-01	4.12E-01	4.03E-01
Receptor_81	367734.79	3758105.67	3.13E+00	2.77E+00	2.10E+00	1.82E+00	1.15E+00	1.01E+00	7.26E-01	6.46E-01
Receptor_82	367743.72	3758010.21	2.72E+00	2.61E+00	1.82E+00	1.73E+00	1.15E+00	1.04E+00	7.33E-01	6.55E-01
Receptor_83	367785.33	3758200.53	3.86E+00	3.08E+00	2.57E+00	1.99E+00	1.27E+00	1.20E+00	7.93E-01	7.67E-01
Receptor_84	367814.14	3755427.06	1.90E+00	1.77E+00	1.26E+00	1.17E+00	6.46E-01	6.32E-01	4.15E-01	4.04E-01
Receptor_85	367830.31	3758150.13	3.40E+00	2.80E+00	2.27E+00	1.83E+00	1.15E+00	1.07E+00	7.24E-01	6.81E-01
Receptor_86	367839.73	3758178.15	3.86E+00	3.12E+00	2.58E+00	2.02E+00	1.29E+00	1.21E+00	8.08E-01	7.69E-01
Receptor_87	367874.18	3755433.41	1.94E+00	1.83E+00	1.28E+00	1.20E+00	6.91E-01	6.84E-01	4.38E-01	4.34E-01
Receptor_88	367912.8	3758112.41	3.96E+00	3.40E+00	2.66E+00	2.23E+00	1.41E+00	1.27E+00	8.92E-01	8.12E-01
Receptor_89	367934.21	3755439.76	1.91E+00	1.84E+00	1.27E+00	1.22E+00	6.42E-01	6.32E-01	4.13E-01	4.04E-01
Receptor_90	368001.74	3755450.16	1.92E+00	1.88E+00	1.27E+00	1.24E+00	6.44E-01	6.44E-01	4.14E-01	4.07E-01
Receptor_91	368067.33	3758044.68	4.08E+00	3.71E+00	2.75E+00	2.44E+00	1.54E+00	1.37E+00	9.82E-01	8.75E-01
Receptor_92	368069.28	3755460.56	1.95E+00	1.94E+00	1.29E+00	1.28E+00	6.78E-01	6.68E-01	4.25E-01	4.25E-01
Receptor_93	368136.81	3755470.96	2.08E+00	2.03E+00	1.39E+00	1.35E+00	7.82E-01	7.71E-01	4.98E-01	4.83E-01
Receptor_94	368139.37	3758014.68	3.39E+00	2.97E+00	2.28E+00	1.96E+00	1.27E+00	1.16E+00	8.08E-01	7.29E-01
Receptor_95	368217.94	3755478.99	1.99E+00	1.95E+00	1.32E+00	1.29E+00	7.21E-01	6.81E-01	4.51E-01	4.31E-01
Receptor_96	368226.2	3757984.68	4.12E+00	3.88E+00	2.79E+00	2.57E+00	1.65E+00	1.44E+00	1.06E+00	9.21E-01
Receptor_97	368310.2	3755477.83	1.97E+00	1.88E+00	1.30E+00	1.24E+00	7.01E-01	6.40E-01	4.45E-01	4.09E-01
Receptor_98	368312.17	3757967.29	4.75E+00	4.65E+00	3.23E+00	3.12E+00	1.98E+00	1.81E+00	1.27E+00	1.16E+00
Receptor_99	368386.06	3757966.42	4.97E+00	4.84E+00	3.38E+00	3.24E+00	2.03E+00	1.94E+00	1.30E+00	1.25E+00
Receptor_100	368402.45	3755476.67	1.96E+00	1.84E+00	1.29E+00	1.22E+00	7.16E-01	6.34E-01	4.55E-01	4.03E-01
Receptor_101	368459.96	3757965.55	4.54E+00	4.06E+00	3.07E+00	2.67E+00	1.78E+00	1.68E+00	1.14E+00	1.08E+00
Receptor_102	368494.71	3755475.51	1.94E+00	1.81E+00	1.28E+00	1.19E+00	7.30E-01	6.27E-01	4.64E-01	3.98E-01
Receptor_103	368533.85	3757964.68	3.95E+00	3.30E+00	2.66E+00	2.17E+00	1.51E+00	1.46E+00	9.61E-01	9.15E-01
Receptor_104	368533.98	3757935.39	3.79E+00	3.25E+00	2.55E+00	2.14E+00	1.50E+00	1.48E+00	9.54E-01	9.26E-01
Receptor_105	368586.97	3755474.35	1.92E+00	1.79E+00	1.26E+00	1.17E+00	7.42E-01	6.51E-01	4.72E-01	4.23E-01
Receptor_106	368594.27	3757948.47	4.03E+00	3.38E+00	2.71E+00	2.23E+00	1.57E+00	1.54E+00	9.95E-01	9.65E-01
Receptor_107	368657.87	3757978.44	4.33E+00	3.47E+00	2.91E+00	2.27E+00	1.65E+00	1.64E+00	1.05E+00	1.04E+00
Receptor_108	368679.22	3755473.19	1.90E+00	1.84E+00	1.25E+00	1.22E+00	7.62E-01	7.05E-01	4.83E-01	4.58E-01
Receptor_109	368710.99	3758011.46	4.82E+00	3.82E+00	3.22E+00	2.56E+00	1.94E+00	1.83E+00	1.25E+00	1.15E+00
Receptor_110	368748.06	3758034.51	5.07E+00	4.08E+00	3.36E+00	2.72E+00	2.07E+00	1.94E+00	1.33E+00	1.22E+00
Receptor_111	368771.48	3755472.04	1.91E+00	1.89E+00	1.25E+00	1.25E+00	8.28E-01	7.52E-01	5.18E-01	4.88E-01
Receptor_112	368806.72	3758070.98	5.72E+00	5.07E+00	3.74E+00	3.14E+00	2.35E+00	2.34E+00	1.50E+00	1.48E+00
Receptor_113	368863.73	3755470.88	1.94E+00	1.94E+00	1.31E+00	1.28E+00	7.84E-01	7.82E-01	5.09E-01	4.94E-01
Receptor_114	368865.39	3758107.46	6.59E+00	5.49E+00	4.24E+00	3.39E+00	2.60E+00	2.53E+00	1.67E+00	1.61E+00
Receptor_115	368931.37	3758150.49	7.72E+00	5.95E+00	4.90E+00	3.82E+00	3.08E+00	2.87E+00	1.97E+00	1.81E+00
Receptor_116	368955.99	3755469.72	2.07E+00	1.96E+00	1.40E+00	1.29E+00	8.09E-01	7.91E-01	5.26E-01	4.96E-01
Receptor_117	368974.29	3758177.61	8.21E+00	6.55E+00	5.19E+00	4.16E+00	3.46E+00	3.09E+00	2.20E+00	1.94E+00
Receptor_118	368992.63	3758138.09	8.51E+00	6.54E+00	5.40E+00	4.18E+00	3.45E+00	3.28E+00	2.20E+00	2.06E+00
Receptor_119	369011.06	3758086.77	8.03E+00	6.88E+00	5.14E+00	4.26E+00	3.30E+00	3.30E+00	2.11E+00	2.09E+00
Receptor_120	369048.25	3755468.56	2.19E+00	1.97E+00	1.48E+00	1.30E+00	8.26E-01	7.89E-01	5.37E-01	4.95E-01
Receptor_121	369097.31	3758131.13	1.08E+01	8.50E+00	6.77E+00	5.36E+00	4.84E+00	4.63E+00	3.06E+00	2.89E+00
Receptor_122	369140.5	3755467.4	2.27E+00	1.97E+00	1.53E+00	1.30E+00	8.40E-01	7.86E-01	5.45E-01	4.92E-01
Receptor_123	369216.91	3758091.16	1.68E+01	1.56E+01	1.05E+01	9.64E+00	8.57E+00	8.45E+00	5.35E+00	5.24E+00
Receptor_124	369232.76	3755466.24	2.33E+00	1.98E+00	1.56E+00	1.30E+00	8.54E-01	7.84E-01	5.53E-01	5.05E-01
Receptor_125	369267.76	3758146.04	2.58E+01	1.91E+01	1.58E+01	1.17E+01	8.20E+00	8.12E+00	5.07E+00	5.01E+00
Receptor_126	369271.6	3758257.04	8.56E+00	7.98E+00	5.27E+00	4.92E+00	4.18E+00	4.05E+00	2.58E+00	2.50E+00
Receptor_127	369323.2	3758086.63	2.28E+01	2.27E+01	1.40E+01	1.39E+01	9.94E+00	9.55E+00	6.12E+00	5.88E+00
Receptor_128	369328.65	3758304.45	5.24E+00	4.89E+00	3.38E+00	3.01E+00	2.52E+00	2.41E+00	1.56E+00	1.52E+00
Receptor_129	369329.84	3755464.79	2.36E+00	1.99E+00	1.58E+00	1.30E+00	8.67E-01	8.03E-01	5.60E-01	5.19E-01
Receptor_130	369342.43	3757939.52	1.26E+01	1.22E+01	7.76E+00	7.51E+00	5.64E+00	5.28E+00	3.46E+00	3.23E+00

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_131	369386.54	3758429.44	4.01E+00	3.68E+00	2.58E+00	2.42E+00	1.80E+00	1.79E+00	1.14E+00	1.12E+00
Receptor_132	369387.36	3758507.02	3.93E+00	3.50E+00	2.51E+00	2.29E+00	1.68E+00	1.67E+00	1.05E+00	1.04E+00
Receptor_133	369409.11	3758008.6	2.27E+01	2.05E+01	1.39E+01	1.26E+01	9.43E+00	8.17E+00	5.78E+00	5.00E+00
Receptor_134	369426.92	3755463.35	2.38E+00	2.01E+00	1.59E+00	1.31E+00	8.85E-01	8.22E-01	5.71E-01	5.31E-01
Receptor_135	369468.66	3758583.75	3.77E+00	3.42E+00	2.37E+00	2.22E+00	1.55E+00	1.53E+00	9.59E-01	9.50E-01
Receptor_136	369524	3755461.9	2.40E+00	2.03E+00	1.60E+00	1.32E+00	9.00E-01	8.91E-01	5.87E-01	5.80E-01
Receptor_137	369549.13	3758582.89	3.37E+00	3.30E+00	2.19E+00	2.14E+00	1.48E+00	1.43E+00	9.16E-01	9.00E-01
Receptor_138	369621.08	3755460.45	2.42E+00	2.05E+00	1.61E+00	1.33E+00	9.72E-01	9.19E-01	6.43E-01	5.92E-01
Receptor_139	369629.61	3758582.03	3.59E+00	3.29E+00	2.37E+00	2.13E+00	1.45E+00	1.40E+00	8.98E-01	8.79E-01
Receptor_140	369710.08	3758581.17	3.58E+00	3.16E+00	2.42E+00	2.04E+00	1.35E+00	1.30E+00	8.39E-01	8.29E-01
Receptor_141	369718.16	3755459	2.45E+00	2.06E+00	1.63E+00	1.33E+00	1.04E+00	9.38E-01	6.91E-01	6.10E-01
Receptor_142	369787.02	3758286.68	3.35E+00	3.04E+00	2.21E+00	1.98E+00	1.72E+00	1.61E+00	1.07E+00	1.03E+00
Receptor_143	369788.19	3758398.38	2.98E+00	2.89E+00	1.94E+00	1.88E+00	1.35E+00	1.26E+00	8.45E-01	7.82E-01
Receptor_144	369789.37	3758489.35	3.19E+00	3.01E+00	2.13E+00	1.95E+00	1.31E+00	1.19E+00	8.15E-01	7.55E-01
Receptor_145	369815.24	3755457.56	2.48E+00	2.06E+00	1.65E+00	1.33E+00	1.09E+00	9.92E-01	7.26E-01	6.47E-01
Receptor_146	369882.84	3758285.07	2.96E+00	2.84E+00	1.94E+00	1.82E+00	1.51E+00	1.42E+00	9.34E-01	8.79E-01
Receptor_147	369912.32	3755456.11	2.51E+00	2.04E+00	1.67E+00	1.33E+00	1.12E+00	1.03E+00	7.49E-01	6.73E-01
Receptor_148	369978.66	3758283.45	3.58E+00	3.35E+00	2.39E+00	2.20E+00	1.61E+00	1.59E+00	1.02E+00	9.94E-01
Receptor_149	370009.4	3755454.66	2.55E+00	2.06E+00	1.69E+00	1.34E+00	1.15E+00	1.06E+00	7.67E-01	6.93E-01
Receptor_150	370056.44	3758282.14	4.04E+00	3.47E+00	2.75E+00	2.32E+00	1.69E+00	1.61E+00	1.07E+00	1.01E+00
Receptor_151	370106.48	3755453.21	2.57E+00	2.03E+00	1.71E+00	1.34E+00	1.16E+00	1.07E+00	7.82E-01	7.07E-01
Receptor_152	370130.9	3758282.44	4.39E+00	3.55E+00	3.03E+00	2.37E+00	1.73E+00	1.58E+00	1.09E+00	9.91E-01
Receptor_153	370203.56	3755451.77	2.57E+00	2.03E+00	1.70E+00	1.35E+00	1.18E+00	1.10E+00	7.96E-01	7.25E-01
Receptor_154	370226.81	3758159.47	3.50E+00	3.05E+00	2.35E+00	2.00E+00	1.41E+00	1.29E+00	8.90E-01	8.27E-01
Receptor_155	370227.55	3758221.46	3.54E+00	3.16E+00	2.39E+00	2.06E+00	1.46E+00	1.29E+00	9.10E-01	8.25E-01
Receptor_156	370228.3	3758283.44	3.41E+00	3.11E+00	2.34E+00	2.02E+00	1.38E+00	1.25E+00	8.61E-01	8.00E-01
Receptor_157	370253.14	3758168.84	3.55E+00	2.94E+00	2.41E+00	1.95E+00	1.33E+00	1.30E+00	8.36E-01	8.34E-01
Receptor_158	370300.64	3755450.32	2.74E+00	2.37E+00	1.81E+00	1.58E+00	1.28E+00	1.28E+00	8.64E-01	8.57E-01
Receptor_159	370308.97	3758176.51	3.63E+00	2.90E+00	2.49E+00	1.92E+00	1.31E+00	1.29E+00	8.42E-01	8.20E-01
Receptor_160	370356.87	3758202.23	3.57E+00	3.02E+00	2.47E+00	2.07E+00	1.30E+00	1.27E+00	8.31E-01	8.12E-01
Receptor_161	370397.72	3755448.87	2.63E+00	2.23E+00	1.72E+00	1.47E+00	1.27E+00	1.19E+00	8.55E-01	7.85E-01
Receptor_162	370404.21	3758225.88	3.38E+00	3.16E+00	2.35E+00	2.19E+00	1.27E+00	1.23E+00	8.06E-01	7.89E-01
Receptor_163	370422.64	3758284.19	3.15E+00	3.03E+00	2.19E+00	2.11E+00	1.21E+00	1.20E+00	7.86E-01	7.55E-01
Receptor_164	370442.78	3758228.43	3.27E+00	3.24E+00	2.28E+00	2.25E+00	1.27E+00	1.23E+00	8.04E-01	7.95E-01
Receptor_165	370465.02	3755455.18	2.57E+00	2.18E+00	1.66E+00	1.41E+00	1.29E+00	1.19E+00	8.55E-01	7.76E-01
Receptor_166	370522.53	3758282.84	3.15E+00	2.95E+00	2.20E+00	1.95E+00	1.26E+00	1.21E+00	8.30E-01	7.52E-01
Receptor_167	370558.15	3755458.94	2.91E+00	2.77E+00	1.95E+00	1.81E+00	1.53E+00	1.45E+00	1.02E+00	9.54E-01
Receptor_168	370622.42	3758281.49	3.06E+00	3.02E+00	2.14E+00	2.09E+00	1.29E+00	1.23E+00	8.49E-01	7.71E-01
Receptor_169	370624.63	3755467.51	2.94E+00	2.78E+00	1.95E+00	1.89E+00	1.57E+00	1.46E+00	1.04E+00	9.55E-01
Receptor_170	370691.11	3755476.08	2.89E+00	2.77E+00	1.88E+00	1.87E+00	1.59E+00	1.44E+00	1.04E+00	9.27E-01
Receptor_171	370722.31	3758280.14	3.35E+00	3.19E+00	2.43E+00	2.22E+00	1.29E+00	1.26E+00	8.49E-01	8.41E-01
Receptor_172	370757.38	3755493.32	2.82E+00	2.73E+00	1.82E+00	1.80E+00	1.60E+00	1.42E+00	1.03E+00	9.03E-01
Receptor_173	370792.87	3757995.38	4.01E+00	3.71E+00	2.92E+00	2.71E+00	1.64E+00	1.59E+00	1.13E+00	1.04E+00
Receptor_174	370797.01	3758107.02	3.55E+00	3.53E+00	2.62E+00	2.55E+00	1.52E+00	1.48E+00	9.94E-01	9.53E-01
Receptor_175	370798.36	3758194.12	3.76E+00	3.37E+00	2.74E+00	2.38E+00	1.40E+00	1.37E+00	9.26E-01	9.01E-01
Receptor_176	370798.51	3757946.46	4.26E+00	3.88E+00	3.01E+00	2.74E+00	1.69E+00	1.62E+00	1.14E+00	1.06E+00
Receptor_177	370799.71	3758281.23	3.74E+00	3.36E+00	2.69E+00	2.20E+00	1.32E+00	1.32E+00	8.88E-01	8.64E-01
Receptor_178	370807.53	3755529.02	2.71E+00	2.64E+00	1.73E+00	1.71E+00	1.59E+00	1.40E+00	1.02E+00	8.84E-01
Receptor_179	370818.52	3757901.47	4.46E+00	4.17E+00	3.14E+00	2.94E+00	1.75E+00	1.69E+00	1.18E+00	1.12E+00
Receptor_180	370851.08	3757864.53	4.65E+00	4.38E+00	3.27E+00	3.08E+00	1.83E+00	1.76E+00	1.24E+00	1.17E+00
Receptor_181	370854.34	3755560.2	2.58E+00	2.56E+00	1.66E+00	1.63E+00	1.56E+00	1.36E+00	1.00E+00	8.61E-01
Receptor_182	370901.14	3755591.38	2.50E+00	2.46E+00	1.65E+00	1.58E+00	1.53E+00	1.31E+00	9.89E-01	8.30E-01
Receptor_183	370908.58	3757858.61	4.63E+00	4.34E+00	3.25E+00	3.07E+00	1.90E+00	1.79E+00	1.27E+00	1.16E+00
Receptor_184	370929.68	3755646.61	2.55E+00	2.49E+00	1.67E+00	1.60E+00	1.54E+00	1.33E+00	9.95E-01	8.46E-01
Receptor_185	370932.48	3755705.67	2.72E+00	2.46E+00	1.71E+00	1.64E+00	1.55E+00	1.39E+00	1.01E+00	8.88E-01
Receptor_186	370959.17	3757378.41	1.70E+01	1.36E+01	1.06E+01	9.44E+00	6.57E+00	6.49E+00	4.24E+00	4.19E+00
Receptor_187	370959.96	3757296.11	1.67E+01	1.52E+01	1.18E+01	1.09E+01	7.19E+00	6.65E+00	4.99E+00	4.57E+00
Receptor_188	370960.75	3757213.81	2.53E+01	1.89E+01	1.85E+01	1.36E+01	8.45E+00	7.79E+00	6.09E+00	5.71E+00
Receptor_189	370961.54	3757131.5	1.71E+01	1.71E+01	1.24E+01	1.22E+01	7.89E+00	7.60E+00	5.62E+00	5.42E+00
Receptor_190	370962.33	3757049.2	1.58E+01	1.43E+01	1.13E+01	1.03E+01	6.77E+00	6.53E+00	4.80E+00	4.62E+00
Receptor_191	370963.12	3756966.9	2.48E+01	2.25E+01	1.81E+01	1.64E+01	1.06E+01	1.04E+01	7.68E+00	7.51E+00
Receptor_192	370966.07	3757852.69	4.81E+00	4.60E+00	3.41E+00	3.25E+00	1.94E+00	1.86E+00	1.29E+00	1.22E+00
Receptor_193	370968.09	3757808.7	4.84E+00	4.73E+00	3.45E+00	3.38E+00	2.03E+00	1.93E+00	1.37E+00	1.28E+00
Receptor_194	370983.75	3755705.22	2.65E+00	2.55E+00	1.73E+00	1.69E+00	1.57E+00	1.37E+00	1.04E+00	8.86E-01
Receptor_195	370986.42	3755628.02	2.61E+00	2.42E+00	1.77E+00	1.57E+00	1.55E+00	1.31E+00	1.02E+00	8.50E-01

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2025	2025	2024	2024	2025	2025
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_196	370989.1	3755550.81	2.65E+00	2.33E+00	1.78E+00	1.53E+00	1.53E+00	1.27E+00	9.98E-01	8.11E-01
Receptor_197	370991.77	3755473.61	2.66E+00	2.30E+00	1.79E+00	1.49E+00	1.50E+00	1.25E+00	9.79E-01	7.99E-01
Receptor_198	371017.44	3757371.98	1.31E+01	1.06E+01	9.27E+00	7.26E+00	6.01E+00	5.68E+00	3.86E+00	3.80E+00
Receptor_199	371039.92	3757778.95	5.79E+00	5.10E+00	4.20E+00	3.66E+00	2.10E+00	2.07E+00	1.42E+00	1.41E+00
Receptor_200	371061.56	3756965.39	2.50E+01	2.36E+01	1.79E+01	1.69E+01	1.25E+01	1.21E+01	8.91E+00	8.60E+00
Receptor_201	371064.57	3755405.04	2.73E+00	2.22E+00	1.81E+00	1.46E+00	1.44E+00	1.16E+00	9.28E-01	7.38E-01
Receptor_202	371078.64	3757842.57	5.98E+00	4.50E+00	4.33E+00	3.22E+00	1.98E+00	1.97E+00	1.34E+00	1.34E+00
Receptor_203	371116.65	3757378.24	1.18E+01	1.13E+01	8.36E+00	8.09E+00	5.09E+00	5.05E+00	3.55E+00	3.52E+00
Receptor_204	371117.35	3757906.19	4.86E+00	3.88E+00	3.52E+00	2.76E+00	1.97E+00	1.89E+00	1.33E+00	1.20E+00
Receptor_205	371160.25	3755403.96	2.76E+00	2.30E+00	1.82E+00	1.52E+00	1.42E+00	1.15E+00	9.10E-01	7.43E-01
Receptor_206	371160	3756963.88	2.20E+01	2.01E+01	1.56E+01	1.41E+01	1.30E+01	1.21E+01	9.18E+00	8.52E+00
Receptor_207	371173.76	3757954.26	4.07E+00	3.90E+00	2.93E+00	2.76E+00	1.98E+00	1.87E+00	1.34E+00	1.18E+00
Receptor_208	371174.47	3757986.09	3.97E+00	3.91E+00	2.85E+00	2.67E+00	1.95E+00	1.84E+00	1.31E+00	1.15E+00
Receptor_209	371208.04	3757297.08	2.15E+01	1.76E+01	1.56E+01	1.25E+01	9.84E+00	8.88E+00	7.01E+00	6.31E+00
Receptor_210	371208.86	3757379.92	1.44E+01	1.23E+01	1.03E+01	8.84E+00	6.45E+00	5.52E+00	4.61E+00	3.84E+00
Receptor_211	371210.97	3757210	4.91E+01	3.63E+01	3.53E+01	2.57E+01	2.04E+01	1.88E+01	1.45E+01	1.34E+01
Receptor_212	371243.87	3757985.25	4.07E+00	4.01E+00	2.90E+00	2.85E+00	1.97E+00	1.85E+00	1.33E+00	1.20E+00
Receptor_213	371255.94	3755402.89	2.75E+00	2.37E+00	1.79E+00	1.55E+00	1.40E+00	1.17E+00	8.88E-01	7.53E-01
Receptor_214	371258.45	3756962.36	1.39E+01	1.27E+01	9.56E+00	8.67E+00	7.32E+00	7.29E+00	5.02E+00	5.02E+00
Receptor_215	371275.69	3757208.66	5.27E+01	3.91E+01	3.80E+01	2.78E+01	1.97E+01	1.97E+01	1.41E+01	1.40E+01
Receptor_216	371313.27	3757984.41	4.19E+00	4.16E+00	2.98E+00	2.94E+00	2.01E+00	1.96E+00	1.35E+00	1.29E+00
Receptor_217	371348.54	3758024.62	4.17E+00	3.98E+00	2.87E+00	2.65E+00	2.02E+00	1.97E+00	1.32E+00	1.32E+00
Receptor_218	371351.62	3755401.81	2.72E+00	2.38E+00	1.75E+00	1.54E+00	1.38E+00	1.18E+00	8.64E-01	7.56E-01
Receptor_219	371356.75	3757207.46	4.58E+01	3.40E+01	3.33E+01	2.49E+01	1.75E+01	1.68E+01	1.26E+01	1.21E+01
Receptor_220	371356.89	3756960.85	1.30E+01	1.26E+01	9.02E+00	8.71E+00	7.29E+00	7.03E+00	5.01E+00	4.81E+00
Receptor_221	371402.37	3758061.24	4.15E+00	3.91E+00	2.75E+00	2.62E+00	2.11E+00	1.94E+00	1.38E+00	1.29E+00
Receptor_222	371437.81	3757206.27	4.11E+01	3.04E+01	2.99E+01	2.18E+01	1.61E+01	1.59E+01	1.15E+01	1.15E+01
Receptor_223	371447.31	3755400.73	2.68E+00	2.41E+00	1.69E+00	1.55E+00	1.38E+00	1.22E+00	8.40E-01	7.66E-01
Receptor_224	371455.33	3756959.34	1.62E+01	1.53E+01	1.14E+01	1.07E+01	7.61E+00	6.61E+00	5.28E+00	4.59E+00
Receptor_225	371474.09	3758110.88	3.99E+00	3.78E+00	2.53E+00	2.42E+00	2.15E+00	1.88E+00	1.41E+00	1.23E+00
Receptor_226	371518.87	3757205.07	4.90E+01	4.57E+01	3.58E+01	3.34E+01	2.43E+01	2.38E+01	1.77E+01	1.72E+01
Receptor_227	371537.39	3758154.69	3.88E+00	3.86E+00	2.48E+00	2.48E+00	2.14E+00	1.81E+00	1.41E+00	1.18E+00
Receptor_228	371542.99	3755399.65	2.76E+00	2.72E+00	1.69E+00	1.62E+00	1.44E+00	1.32E+00	8.18E-01	7.86E-01
Receptor_229	371599.93	3757203.87	4.52E+01	4.10E+01	3.29E+01	3.02E+01	2.02E+01	1.99E+01	1.47E+01	1.46E+01
Receptor_230	371600.7	3758198.51	4.30E+00	4.27E+00	2.82E+00	2.75E+00	2.19E+00	1.74E+00	1.44E+00	1.12E+00
Receptor_231	371613.52	3756957.47	1.39E+01	1.22E+01	1.02E+01	8.92E+00	5.61E+00	5.38E+00	4.02E+00	3.83E+00
Receptor_232	371638.68	3755398.58	3.17E+00	3.06E+00	1.78E+00	1.70E+00	1.55E+00	1.55E+00	8.37E-01	8.04E-01
Receptor_233	371652.22	3756956.31	1.24E+01	1.06E+01	9.12E+00	7.81E+00	5.30E+00	5.24E+00	3.81E+00	3.73E+00
Receptor_234	371664	3758242.33	4.37E+00	4.20E+00	2.76E+00	2.75E+00	2.18E+00	1.65E+00	1.42E+00	1.06E+00
Receptor_235	371678.83	3757376.47	1.45E+01	1.43E+01	1.04E+01	1.03E+01	7.49E+00	6.97E+00	5.33E+00	5.02E+00
Receptor_236	371680.99	3757202.68	4.75E+01	3.84E+01	3.45E+01	2.84E+01	1.94E+01	1.88E+01	1.42E+01	1.37E+01
Receptor_237	371683.71	3757291.78	2.09E+01	2.08E+01	1.52E+01	1.52E+01	1.09E+01	1.08E+01	7.83E+00	7.82E+00
Receptor_238	371734.36	3755397.5	3.78E+00	3.71E+00	1.95E+00	1.83E+00	1.93E+00	1.92E+00	9.37E-01	8.64E-01
Receptor_239	371750.66	3756954.8	1.05E+01	1.04E+01	7.63E+00	7.58E+00	5.28E+00	5.07E+00	3.75E+00	3.56E+00
Receptor_240	371767.81	3758230.27	4.44E+00	4.40E+00	2.86E+00	2.79E+00	2.32E+00	1.66E+00	1.51E+00	1.07E+00
Receptor_241	371801.04	3755399.23	3.65E+00	3.48E+00	2.12E+00	1.88E+00	2.00E+00	1.93E+00	1.02E+00	9.38E-01
Receptor_242	371812.25	3757364.2	1.45E+01	1.39E+01	1.05E+01	9.99E+00	7.61E+00	7.24E+00	5.31E+00	4.97E+00
Receptor_243	371825.62	3758161.92	4.61E+00	4.54E+00	2.97E+00	2.91E+00	2.46E+00	1.80E+00	1.61E+00	1.16E+00
Receptor_244	371849.1	3756953.29	1.17E+01	1.05E+01	8.55E+00	7.65E+00	5.06E+00	5.02E+00	3.54E+00	3.52E+00
Receptor_245	371866.03	3757363.09	1.39E+01	1.38E+01	9.86E+00	9.81E+00	7.79E+00	7.68E+00	5.23E+00	5.10E+00
Receptor_246	371867.72	3755400.96	3.43E+00	3.08E+00	2.22E+00	1.85E+00	1.75E+00	1.70E+00	1.06E+00	9.48E-01
Receptor_247	371895.02	3758059.68	4.77E+00	4.76E+00	3.14E+00	3.03E+00	2.62E+00	2.08E+00	1.71E+00	1.35E+00
Receptor_248	371898.9	3758134.17	4.87E+00	4.81E+00	3.13E+00	3.06E+00	2.53E+00	1.94E+00	1.64E+00	1.25E+00
Receptor_249	371909.58	3757435.59	1.16E+01	1.09E+01	8.29E+00	7.74E+00	5.81E+00	5.20E+00	4.01E+00	3.70E+00
Receptor_250	371916.85	3757398.54	1.29E+01	1.25E+01	8.91E+00	8.59E+00	6.95E+00	6.47E+00	4.58E+00	4.28E+00
Receptor_251	371917.2	3757362.27	1.37E+01	1.37E+01	9.68E+00	9.62E+00	7.53E+00	7.48E+00	5.10E+00	5.07E+00
Receptor_252	371927.01	3757742.18	6.30E+00	5.48E+00	4.36E+00	3.85E+00	3.28E+00	3.08E+00	2.14E+00	2.04E+00
Receptor_253	371928.06	3757790.69	6.00E+00	5.65E+00	4.05E+00	3.87E+00	3.19E+00	2.96E+00	2.07E+00	1.89E+00
Receptor_254	371934.4	3755402.69	3.57E+00	3.09E+00	2.33E+00	1.93E+00	1.82E+00	1.73E+00	1.12E+00	9.96E-01
Receptor_255	371934.4	3757852.44	5.30E+00	5.19E+00	3.64E+00	3.43E+00	3.05E+00	2.75E+00	1.98E+00	1.75E+00
Receptor_256	371937.61	3757919.43	5.11E+00	4.91E+00	3.38E+00	3.22E+00	2.89E+00	2.50E+00	1.89E+00	1.59E+00
Receptor_257	371940.82	3757986.42	5.01E+00	4.89E+00	3.31E+00	3.14E+00	2.75E+00	2.27E+00	1.80E+00	1.47E+00
Receptor_258	371944.03	3758053.41	4.94E+00	4.92E+00	3.23E+00	3.14E+00	2.64E+00	2.15E+00	1.72E+00	1.39E+00
Receptor_259	371947.54	3756951.78	1.05E+01	1.03E+01	7.74E+00	7.42E+00	5.03E+00	4.90E+00	3.50E+00	3.41E+00
Receptor_260	371954.98	3757424.18	1.15E+01	1.10E+01	8.17E+00	7.80E+00	6.01E+00	5.51E+00	4.11E+00	3.75E+00

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_261	372007.7	3757423.51	1.22E+01	1.19E+01	8.02E+00	7.86E+00	6.35E+00	5.92E+00	4.14E+00	3.86E+00
Receptor_262	372031.48	3757755.88	5.64E+00	5.64E+00	3.90E+00	3.77E+00	3.25E+00	3.02E+00	2.15E+00	2.01E+00
Receptor_263	372033.85	3755399.05	3.61E+00	2.99E+00	2.40E+00	1.93E+00	1.81E+00	1.65E+00	1.15E+00	9.92E-01
Receptor_264	372045.99	3756950.26	1.07E+01	9.35E+00	7.44E+00	6.93E+00	5.05E+00	5.01E+00	3.50E+00	3.49E+00
Receptor_265	372060.42	3757422.83	1.15E+01	1.13E+01	7.76E+00	7.63E+00	6.06E+00	5.80E+00	4.06E+00	3.87E+00
Receptor_266	372097.97	3757754.97	6.01E+00	5.84E+00	4.01E+00	3.77E+00	3.34E+00	3.06E+00	2.21E+00	2.07E+00
Receptor_267	372114.62	3757440.24	1.07E+01	1.05E+01	7.31E+00	7.19E+00	5.67E+00	5.42E+00	3.84E+00	3.66E+00
Receptor_268	372133.29	3755395.42	3.65E+00	3.02E+00	2.46E+00	1.99E+00	1.85E+00	1.78E+00	1.19E+00	1.07E+00
Receptor_269	372144.43	3756948.75	1.12E+01	9.65E+00	7.74E+00	6.65E+00	5.27E+00	5.07E+00	3.64E+00	3.53E+00
Receptor_270	372152.01	3757362.33	1.32E+01	1.27E+01	9.29E+00	8.94E+00	7.04E+00	7.03E+00	4.85E+00	4.84E+00
Receptor_271	372153.8	3757418.83	1.11E+01	1.11E+01	7.71E+00	7.70E+00	5.84E+00	5.82E+00	3.98E+00	3.97E+00
Receptor_272	372154.47	3757439.86	1.06E+01	1.03E+01	7.30E+00	7.13E+00	5.59E+00	5.47E+00	3.81E+00	3.70E+00
Receptor_273	372156.97	3757518.41	9.18E+00	8.73E+00	6.39E+00	6.07E+00	4.80E+00	4.21E+00	3.26E+00	2.89E+00
Receptor_274	372159.47	3757596.96	7.51E+00	7.40E+00	5.35E+00	5.23E+00	4.01E+00	3.77E+00	2.74E+00	2.55E+00
Receptor_275	372161.97	3757675.51	6.46E+00	6.31E+00	4.45E+00	4.35E+00	3.58E+00	3.46E+00	2.40E+00	2.35E+00
Receptor_276	372164.46	3757754.06	6.42E+00	6.07E+00	4.31E+00	3.92E+00	3.43E+00	3.21E+00	2.28E+00	2.17E+00
Receptor_277	372232.73	3755391.79	3.70E+00	3.15E+00	2.52E+00	2.12E+00	1.92E+00	1.91E+00	1.26E+00	1.16E+00
Receptor_278	372242.87	3756947.24	1.16E+01	1.04E+01	7.99E+00	7.08E+00	5.49E+00	5.42E+00	3.79E+00	3.77E+00
Receptor_279	372332.18	3755388.15	3.86E+00	3.38E+00	2.62E+00	2.26E+00	2.08E+00	2.06E+00	1.36E+00	1.26E+00
Receptor_280	372341.31	3756945.73	1.18E+01	1.09E+01	8.03E+00	7.37E+00	5.79E+00	5.76E+00	3.94E+00	3.90E+00
Receptor_281	372410.73	3755381.99	4.16E+00	3.68E+00	2.74E+00	2.41E+00	2.27E+00	2.21E+00	1.45E+00	1.39E+00
Receptor_282	372439.76	3756944.21	1.19E+01	1.14E+01	8.03E+00	7.68E+00	6.56E+00	6.27E+00	4.37E+00	4.17E+00
Receptor_283	372489.28	3755375.83	4.37E+00	4.29E+00	3.02E+00	2.89E+00	2.45E+00	2.40E+00	1.52E+00	1.51E+00
Receptor_284	372538.2	3756942.7	1.24E+01	1.23E+01	8.20E+00	8.13E+00	7.61E+00	7.51E+00	4.98E+00	4.86E+00
Receptor_285	372567.83	3755369.67	5.47E+00	4.76E+00	3.83E+00	3.36E+00	2.65E+00	2.58E+00	1.73E+00	1.62E+00
Receptor_286	372621.24	3755369.96	6.04E+00	5.34E+00	4.12E+00	3.69E+00	2.94E+00	2.75E+00	1.90E+00	1.69E+00
Receptor_287	372627.96	3756505.77	6.56E+00	6.46E+00	4.62E+00	4.47E+00	3.85E+00	3.58E+00	2.75E+00	2.44E+00
Receptor_288	372628.35	3756589.05	6.92E+00	6.64E+00	4.66E+00	4.51E+00	3.98E+00	3.78E+00	2.72E+00	2.53E+00
Receptor_289	372630.81	3757026.03	1.94E+01	1.71E+01	1.33E+01	1.17E+01	1.01E+01	9.84E+00	6.84E+00	6.65E+00
Receptor_290	372632.23	3757120.5	3.06E+01	2.54E+01	2.07E+01	1.81E+01	1.35E+01	1.35E+01	9.39E+00	9.18E+00
Receptor_291	372632.53	3756752.34	8.23E+00	8.17E+00	5.54E+00	5.46E+00	4.84E+00	4.83E+00	3.24E+00	3.18E+00
Receptor_292	372634.59	3756846.76	9.87E+00	9.56E+00	6.56E+00	6.44E+00	5.84E+00	5.82E+00	3.89E+00	3.88E+00
Receptor_293	372634.7	3757211.58	2.56E+01	2.50E+01	1.85E+01	1.82E+01	1.40E+01	1.39E+01	9.90E+00	9.88E+00
Receptor_294	372636.64	3756941.19	1.23E+01	1.20E+01	8.19E+00	7.89E+00	7.35E+00	7.06E+00	4.92E+00	4.71E+00
Receptor_295	372650.02	3757248.61	1.92E+01	1.88E+01	1.39E+01	1.36E+01	1.15E+01	1.12E+01	8.16E+00	7.95E+00
Receptor_296	372671.9	3757332.14	1.74E+01	1.63E+01	1.21E+01	1.13E+01	9.63E+00	9.60E+00	6.73E+00	6.66E+00
Receptor_297	372672.36	3756975.42	1.48E+01	1.37E+01	9.98E+00	9.18E+00	8.44E+00	8.06E+00	5.65E+00	5.38E+00
Receptor_298	372672.57	3757018.04	1.86E+01	1.81E+01	1.26E+01	1.22E+01	1.01E+01	1.00E+01	6.78E+00	6.70E+00
Receptor_299	372692.63	3756588.53	7.02E+00	6.86E+00	4.69E+00	4.67E+00	4.09E+00	3.82E+00	2.78E+00	2.54E+00
Receptor_300	372694.6	3756751.91	8.24E+00	8.14E+00	5.52E+00	5.50E+00	4.90E+00	4.72E+00	3.29E+00	3.09E+00
Receptor_301	372697.78	3755368.97	6.51E+00	5.84E+00	4.28E+00	3.82E+00	3.30E+00	3.16E+00	2.09E+00	1.94E+00
Receptor_302	372704.41	3757417.13	1.47E+01	1.46E+01	1.01E+01	1.00E+01	8.91E+00	8.69E+00	6.27E+00	6.07E+00
Receptor_303	372725.34	3756505.44	6.57E+00	6.45E+00	4.46E+00	4.28E+00	3.85E+00	3.51E+00	2.62E+00	2.40E+00
Receptor_304	372730.58	3756678.55	7.72E+00	7.67E+00	5.19E+00	5.14E+00	4.52E+00	4.21E+00	3.03E+00	2.78E+00
Receptor_305	372739.22	3757507.15	1.52E+01	1.49E+01	1.04E+01	1.02E+01	9.51E+00	9.31E+00	6.63E+00	6.39E+00
Receptor_306	372756.67	3756751.48	8.63E+00	8.46E+00	5.84E+00	5.64E+00	5.08E+00	4.67E+00	3.41E+00	3.08E+00
Receptor_307	372768.35	3756973.59	1.46E+01	1.34E+01	9.99E+00	9.29E+00	9.09E+00	8.34E+00	6.18E+00	5.60E+00
Receptor_308	372770.71	3757656.89	1.74E+01	1.57E+01	1.12E+01	1.08E+01	1.00E+01	8.35E+00	6.66E+00	5.52E+00
Receptor_309	372773.23	3757598.18	1.71E+01	1.68E+01	1.19E+01	1.13E+01	1.05E+01	9.78E+00	7.08E+00	6.57E+00
Receptor_310	372774.32	3755367.98	7.75E+00	7.37E+00	4.75E+00	4.40E+00	4.04E+00	3.96E+00	2.45E+00	2.35E+00
Receptor_311	372774.75	3757745.62	1.64E+01	1.52E+01	1.04E+01	1.03E+01	9.22E+00	7.64E+00	6.04E+00	5.03E+00
Receptor_312	372784.4	3757635.25	1.72E+01	1.49E+01	1.11E+01	9.87E+00	9.56E+00	8.44E+00	6.38E+00	5.61E+00
Receptor_313	372822.71	3756505.12	7.11E+00	6.27E+00	4.74E+00	4.20E+00	3.88E+00	3.50E+00	2.57E+00	2.35E+00
Receptor_314	372839.8	3757745.93	1.86E+01	1.52E+01	1.21E+01	9.87E+00	8.03E+00	8.03E+00	5.27E+00	5.26E+00
Receptor_315	372850.87	3755366.99	1.35E+01	1.33E+01	8.45E+00	7.84E+00	7.00E+00	6.76E+00	4.15E+00	4.12E+00
Receptor_316	372864.35	3756971.76	1.59E+01	1.52E+01	1.10E+01	1.05E+01	9.43E+00	9.40E+00	6.40E+00	6.29E+00
Receptor_317	372904.85	3757746.24	2.15E+01	1.68E+01	1.40E+01	1.11E+01	9.14E+00	8.69E+00	6.08E+00	5.74E+00
Receptor_318	372910.27	3757732.13	2.29E+01	1.73E+01	1.50E+01	1.14E+01	9.62E+00	9.59E+00	6.41E+00	6.39E+00
Receptor_319	372919.43	3756436.58	7.01E+00	6.33E+00	4.57E+00	4.17E+00	3.68E+00	3.26E+00	2.38E+00	2.12E+00
Receptor_320	372920.09	3756504.79	7.45E+00	6.76E+00	4.87E+00	4.47E+00	3.92E+00	3.48E+00	2.54E+00	2.27E+00
Receptor_321	372927.41	3755366	2.40E+01	2.30E+01	1.50E+01	1.46E+01	9.25E+00	9.09E+00	5.62E+00	5.57E+00
Receptor_322	372927.86	3755465.33	2.44E+01	2.40E+01	1.53E+01	1.50E+01	1.01E+01	1.01E+01	6.17E+00	6.14E+00
Receptor_323	372928.32	3755564.67	2.29E+01	2.16E+01	1.42E+01	1.35E+01	1.01E+01	9.94E+00	6.09E+00	6.02E+00
Receptor_324	372928.77	3755564	2.03E+01	1.95E+01	1.29E+01	1.21E+01	9.82E+00	9.57E+00	5.93E+00	5.80E+00
Receptor_325	372929.23	3755763.34	2.20E+01	2.13E+01	1.38E+01	1.33E+01	1.10E+01	1.07E+01	6.70E+00	6.53E+00

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_326	372947.75	3756971.61	2.01E+01	1.94E+01	1.36E+01	1.31E+01	1.07E+01	9.25E+00	7.20E+00	6.26E+00
Receptor_327	372992.82	3755761.76	1.55E+01	1.49E+01	9.72E+00	9.30E+00	7.54E+00	7.17E+00	4.57E+00	4.36E+00
Receptor_328	372995.87	3757731.75	2.29E+01	2.26E+01	1.56E+01	1.54E+01	1.08E+01	1.07E+01	7.25E+00	7.11E+00
Receptor_329	373004.43	3756435.35	6.90E+00	6.80E+00	4.48E+00	4.40E+00	3.64E+00	3.26E+00	2.30E+00	2.07E+00
Receptor_330	373031.15	3756971.45	2.02E+01	1.93E+01	1.39E+01	1.33E+01	1.03E+01	1.00E+01	7.03E+00	6.73E+00
Receptor_331	373056.4	3755760.18	1.12E+01	1.08E+01	6.99E+00	6.66E+00	5.31E+00	5.03E+00	3.18E+00	3.02E+00
Receptor_332	373057.59	3755829.92	8.24E+00	7.98E+00	5.07E+00	4.90E+00	4.18E+00	4.12E+00	2.49E+00	2.44E+00
Receptor_333	373058.79	3755899.65	6.10E+00	5.99E+00	3.74E+00	3.66E+00	3.30E+00	3.27E+00	1.92E+00	1.92E+00
Receptor_334	373077.68	3757731.38	2.19E+01	2.17E+01	1.52E+01	1.50E+01	1.20E+01	1.20E+01	8.14E+00	8.07E+00
Receptor_335	373089.44	3756434.13	7.19E+00	6.87E+00	4.49E+00	4.45E+00	3.56E+00	3.26E+00	2.18E+00	2.07E+00
Receptor_336	373118.11	3756991.19	1.64E+01	1.58E+01	1.13E+01	1.07E+01	9.47E+00	8.77E+00	6.25E+00	5.98E+00
Receptor_337	373137.84	3755759.39	8.41E+00	8.11E+00	5.19E+00	4.95E+00	4.01E+00	3.86E+00	2.35E+00	2.26E+00
Receptor_338	373138.33	3755829.37	6.82E+00	6.62E+00	4.12E+00	4.00E+00	3.56E+00	3.52E+00	2.05E+00	2.00E+00
Receptor_339	373138.82	3755899.35	5.89E+00	5.80E+00	3.50E+00	3.49E+00	3.10E+00	2.99E+00	1.73E+00	1.72E+00
Receptor_340	373159.49	3757731.01	1.66E+01	1.66E+01	1.14E+01	1.14E+01	9.54E+00	9.44E+00	6.35E+00	6.27E+00
Receptor_341	373174.45	3756432.91	7.59E+00	6.79E+00	4.62E+00	4.24E+00	3.64E+00	3.36E+00	2.15E+00	2.07E+00
Receptor_342	373179.17	3757023.66	2.05E+01	2.01E+01	1.34E+01	1.32E+01	1.12E+01	1.05E+01	7.33E+00	6.91E+00
Receptor_343	373213.14	3755758.34	7.01E+00	6.80E+00	4.26E+00	4.06E+00	3.40E+00	3.35E+00	1.93E+00	1.89E+00
Receptor_344	373236.62	3757073.64	2.82E+01	2.81E+01	1.87E+01	1.84E+01	1.34E+01	1.34E+01	8.81E+00	8.77E+00
Receptor_345	373241.3	3757730.64	1.72E+01	1.66E+01	1.12E+01	1.10E+01	1.02E+01	1.01E+01	6.73E+00	6.63E+00
Receptor_346	373259.45	3756431.68	7.95E+00	7.34E+00	4.59E+00	4.25E+00	3.91E+00	3.58E+00	2.18E+00	2.07E+00
Receptor_347	373288.44	3755757.29	6.34E+00	6.19E+00	3.64E+00	3.48E+00	3.25E+00	3.13E+00	1.66E+00	1.66E+00
Receptor_348	373303.06	3757072.9	2.58E+01	2.30E+01	1.67E+01	1.50E+01	1.20E+01	1.20E+01	7.71E+00	7.63E+00
Receptor_349	373317.14	3756432.03	8.79E+00	8.27E+00	4.66E+00	4.44E+00	4.42E+00	4.04E+00	2.25E+00	2.17E+00
Receptor_350	373323.11	3757730.27	1.53E+01	1.48E+01	9.71E+00	9.46E+00	9.13E+00	9.12E+00	5.97E+00	5.85E+00
Receptor_351	373323.28	3757744.87	1.65E+01	1.64E+01	1.04E+01	1.03E+01	9.67E+00	9.61E+00	6.33E+00	6.26E+00
Receptor_352	373363.74	3755756.24	7.79E+00	7.65E+00	3.20E+00	3.06E+00	3.68E+00	3.55E+00	1.48E+00	1.47E+00
Receptor_353	373365.13	3755845.96	7.95E+00	7.80E+00	3.09E+00	3.04E+00	3.73E+00	3.44E+00	1.46E+00	1.40E+00
Receptor_354	373366.53	3755935.69	8.19E+00	8.02E+00	3.25E+00	3.22E+00	3.81E+00	3.37E+00	1.52E+00	1.42E+00
Receptor_355	373367.92	3756025.41	8.54E+00	8.33E+00	3.47E+00	3.46E+00	3.97E+00	3.54E+00	1.62E+00	1.52E+00
Receptor_356	373369.31	3756115.13	9.48E+00	9.18E+00	3.87E+00	3.81E+00	4.54E+00	4.01E+00	1.84E+00	1.71E+00
Receptor_357	373369.5	3757072.16	2.14E+01	2.11E+01	1.38E+01	1.31E+01	1.17E+01	1.14E+01	7.06E+00	6.99E+00
Receptor_358	373370.37	3757159.75	4.82E+01	4.42E+01	3.29E+01	3.00E+01	2.30E+01	2.14E+01	1.53E+01	1.42E+01
Receptor_359	373370.71	3756204.86	9.32E+00	9.07E+00	3.87E+00	3.82E+00	4.44E+00	3.96E+00	1.83E+00	1.74E+00
Receptor_360	373371.24	3757247.34	3.30E+01	3.15E+01	2.19E+01	2.08E+01	1.77E+01	1.74E+01	1.13E+01	1.12E+01
Receptor_361	373372.1	3756294.58	9.51E+00	9.26E+00	4.12E+00	4.06E+00	4.55E+00	4.06E+00	1.97E+00	1.90E+00
Receptor_362	373372.12	3757334.94	1.91E+01	1.87E+01	1.13E+01	1.11E+01	1.05E+01	1.03E+01	6.73E+00	6.66E+00
Receptor_363	373372.99	3757422.53	1.48E+01	1.47E+01	9.81E+00	9.47E+00	8.82E+00	8.55E+00	5.64E+00	5.47E+00
Receptor_364	373373.72	3756378.86	9.84E+00	9.63E+00	4.50E+00	4.44E+00	4.77E+00	4.25E+00	2.21E+00	2.09E+00
Receptor_365	373373.86	3757510.12	1.45E+01	1.41E+01	9.00E+00	8.75E+00	7.88E+00	7.81E+00	5.06E+00	4.96E+00
Receptor_366	373374.73	3757597.71	1.62E+01	1.56E+01	1.01E+01	9.77E+00	7.83E+00	7.69E+00	4.95E+00	4.94E+00
Receptor_367	373374.83	3756432.37	1.05E+01	1.03E+01	4.86E+00	4.80E+00	5.11E+00	4.52E+00	2.40E+00	2.24E+00
Receptor_368	373375.6	3757685.31	2.22E+01	2.08E+01	1.41E+01	1.33E+01	1.04E+01	1.03E+01	6.60E+00	6.56E+00
Receptor_369	373393.43	3757684.85	2.27E+01	2.20E+01	1.43E+01	1.39E+01	1.07E+01	1.02E+01	6.71E+00	6.42E+00
Receptor_370	373394.3	3757744.19	2.27E+01	2.19E+01	1.41E+01	1.37E+01	1.15E+01	1.09E+01	7.18E+00	6.82E+00
Receptor_371	366809.77	3757837.27	1.96E+00	1.48E+00	1.29E+00	9.66E-01	6.15E-01	5.99E-01	3.93E-01	3.78E-01
Receptor_372	366843.26	3757860.52	1.90E+00	1.43E+00	1.25E+00	9.32E-01	6.17E-01	6.08E-01	3.94E-01	3.83E-01
Receptor_373	366900	3758500	3.02E+00	2.17E+00	1.98E+00	1.38E+00	8.64E-01	7.78E-01	5.42E-01	4.81E-01
Receptor_374	366900	3762500	1.09E+00	8.79E-01	6.65E-01	5.54E-01	2.97E-01	2.56E-01	1.74E-01	1.52E-01
Receptor_375	366900	3763500	9.40E-01	7.59E-01	5.72E-01	4.84E-01	2.59E-01	2.12E-01	1.53E-01	1.25E-01
Receptor_376	366900	3764500	9.80E-01	9.52E-01	6.65E-01	6.04E-01	3.28E-01	2.75E-01	2.01E-01	1.57E-01
Receptor_377	366982.41	3757958.65	1.69E+00	1.42E+00	1.10E+00	9.17E-01	6.44E-01	6.40E-01	4.07E-01	4.05E-01
Receptor_378	367163.97	3758028.8	2.12E+00	2.05E+00	1.40E+00	1.34E+00	1.03E+00	8.97E-01	6.57E-01	5.61E-01
Receptor_379	367275.38	3757999.92	2.02E+00	1.98E+00	1.34E+00	1.30E+00	9.96E-01	8.81E-01	6.34E-01	5.48E-01
Receptor_380	367395.04	3758065.94	2.16E+00	1.79E+00	1.40E+00	1.16E+00	7.56E-01	7.33E-01	4.71E-01	4.50E-01
Receptor_381	367880.4	3758145.84	3.82E+00	3.16E+00	2.55E+00	2.06E+00	1.31E+00	1.19E+00	8.26E-01	7.61E-01
Receptor_382	367900	3761500	1.26E+00	1.01E+00	7.78E-01	6.38E-01	3.67E-01	3.22E-01	2.19E-01	1.94E-01
Receptor_383	367900	3762500	1.10E+00	9.01E-01	6.74E-01	5.70E-01	3.22E-01	2.66E-01	1.87E-01	1.55E-01
Receptor_384	367900	3764500	9.14E-01	9.00E-01	5.49E-01	5.32E-01	2.78E-01	2.65E-01	1.50E-01	1.30E-01
Receptor_385	368068.97	3758068.94	4.18E+00	3.66E+00	2.81E+00	2.40E+00	1.53E+00	1.40E+00	9.71E-01	8.96E-01
Receptor_386	368182.48	3758015.85	3.65E+00	3.21E+00	2.46E+00	2.12E+00	1.37E+00	1.23E+00	8.75E-01	7.74E-01
Receptor_387	368416.83	3757988.39	4.83E+00	4.40E+00	3.27E+00	2.93E+00	1.90E+00	1.85E+00	1.21E+00	1.19E+00
Receptor_388	368577.94	3757979.23	4.10E+00	3.34E+00	2.75E+00	2.19E+00	1.55E+00	1.49E+00	9.81E-01	9.42E-01
Receptor_389	368764.68	3758079.93	5.68E+00	5.08E+00	3.72E+00	3.15E+00	2.36E+00	2.30E+00	1.48E+00	1.47E+00
Receptor_390	368900	3754500	1.73E+00	1.38E+00	1.11E+00	8.88E-01	7.33E-01	6.58E-01	4.79E-01	4.21E-01

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_391	368900	3759500	3.15E+00	2.36E+00	2.17E+00	1.46E+00	8.80E-01	8.76E-01	5.61E-01	5.24E-01
Receptor_392	368900	3761500	1.34E+00	1.19E+00	8.19E-01	8.14E-01	4.06E-01	3.50E-01	2.28E-01	2.15E-01
Receptor_393	368900	3762500	1.17E+00	1.08E+00	7.12E-01	6.76E-01	3.32E-01	3.31E-01	1.93E-01	1.84E-01
Receptor_394	368900	3763500	1.17E+00	1.04E+00	7.03E-01	5.89E-01	3.06E-01	2.97E-01	1.70E-01	1.44E-01
Receptor_395	368900	3764500	1.89E+00	1.44E+00	9.29E-01	6.11E-01	4.97E-01	3.90E-01	2.22E-01	1.58E-01
Receptor_396	368944.1	3758186.12	7.84E+00	6.29E+00	4.95E+00	4.00E+00	3.29E+00	2.89E+00	2.10E+00	1.81E+00
Receptor_397	369206.25	3758147.26	1.91E+01	1.74E+01	1.18E+01	1.09E+01	8.72E+00	8.45E+00	5.46E+00	5.22E+00
Receptor_398	369268.49	3758066.34	1.95E+01	1.84E+01	1.21E+01	1.15E+01	1.06E+01	1.04E+01	6.57E+00	6.44E+00
Receptor_399	369333.85	3757999.43	2.10E+01	2.00E+01	1.29E+01	1.23E+01	1.06E+01	1.02E+01	6.53E+00	6.23E+00
Receptor_400	369425.6	3758641.99	3.30E+00	3.28E+00	2.13E+00	2.05E+00	1.51E+00	1.44E+00	9.38E-01	8.92E-01
Receptor_401	369599.53	3758634.67	3.63E+00	3.25E+00	2.42E+00	2.09E+00	1.40E+00	1.38E+00	8.96E-01	8.55E-01
Receptor_402	369775.29	3758632.83	3.91E+00	3.21E+00	2.70E+00	2.05E+00	1.33E+00	1.31E+00	8.34E-01	8.10E-01
Receptor_403	369834.01	3758329.33	3.02E+00	2.87E+00	1.98E+00	1.85E+00	1.46E+00	1.39E+00	9.06E-01	8.76E-01
Receptor_404	369900	3754500	2.23E+00	2.08E+00	1.45E+00	1.40E+00	1.11E+00	9.90E-01	7.19E-01	6.34E-01
Receptor_405	369900	3758500	3.29E+00	2.98E+00	2.25E+00	1.92E+00	1.25E+00	1.16E+00	7.75E-01	7.56E-01
Receptor_406	369900	3759500	3.16E+00	3.11E+00	1.97E+00	1.89E+00	1.01E+00	9.50E-01	6.26E-01	5.73E-01
Receptor_407	369900	3761500	1.42E+00	1.41E+00	8.55E-01	8.54E-01	4.70E-01	4.61E-01	2.57E-01	2.32E-01
Receptor_408	369900	3762500	1.69E+00	1.27E+00	1.00E+00	6.44E-01	4.50E-01	4.35E-01	2.39E-01	1.93E-01
Receptor_409	369900	3764500	1.00E+00	9.95E-01	5.42E-01	5.02E-01	2.49E-01	2.21E-01	1.28E-01	1.20E-01
Receptor_410	370006.1	3758331.16	4.14E+00	3.50E+00	2.81E+00	2.36E+00	1.69E+00	1.64E+00	1.06E+00	1.03E+00
Receptor_411	370183.69	3758338.49	4.27E+00	3.49E+00	2.98E+00	2.25E+00	1.62E+00	1.48E+00	1.01E+00	9.15E-01
Receptor_412	370425.35	3758336.66	3.06E+00	2.87E+00	2.13E+00	1.92E+00	1.19E+00	1.15E+00	7.77E-01	7.25E-01
Receptor_413	370701.79	3758334.82	3.29E+00	3.22E+00	2.38E+00	2.14E+00	1.24E+00	1.24E+00	8.32E-01	8.05E-01
Receptor_414	370780.52	3758327.5	3.63E+00	3.25E+00	2.61E+00	2.12E+00	1.28E+00	1.28E+00	8.59E-01	8.35E-01
Receptor_415	370900	3759500	4.31E+00	3.40E+00	2.47E+00	2.14E+00	1.06E+00	1.03E+00	6.73E-01	5.82E-01
Receptor_416	370900	3760500	3.11E+00	2.83E+00	1.91E+00	1.71E+00	9.64E-01	8.83E-01	5.44E-01	4.75E-01
Receptor_417	370900	3762500	1.51E+00	1.47E+00	8.01E-01	7.52E-01	4.39E-01	4.05E-01	2.23E-01	1.93E-01
Receptor_418	370900	3763500	1.39E+00	1.02E+00	7.74E-01	5.79E-01	3.37E-01	2.91E-01	1.77E-01	1.65E-01
Receptor_419	370900	3764500	1.19E+00	9.98E-01	6.62E-01	5.94E-01	2.69E-01	2.68E-01	1.53E-01	1.42E-01
Receptor_420	371295.29	3758036.94	4.15E+00	3.94E+00	2.91E+00	2.81E+00	1.92E+00	1.87E+00	1.28E+00	1.22E+00
Receptor_421	371421.46	3758118.19	4.15E+00	3.77E+00	2.69E+00	2.45E+00	2.07E+00	1.87E+00	1.36E+00	1.24E+00
Receptor_422	371550.51	3758209	4.33E+00	4.31E+00	2.85E+00	2.76E+00	2.16E+00	1.75E+00	1.42E+00	1.14E+00
Receptor_423	371685.28	3758299.81	4.84E+00	4.73E+00	3.09E+00	3.02E+00	2.19E+00	1.68E+00	1.43E+00	1.05E+00
Receptor_424	371754.11	3758291.2	4.59E+00	4.57E+00	2.96E+00	2.85E+00	2.26E+00	1.60E+00	1.46E+00	1.01E+00
Receptor_425	371807.64	3758213.78	4.57E+00	4.53E+00	2.94E+00	2.86E+00	2.39E+00	1.70E+00	1.55E+00	1.09E+00
Receptor_426	371874.55	3758164.07	4.72E+00	4.72E+00	3.06E+00	2.97E+00	2.48E+00	1.85E+00	1.61E+00	1.19E+00
Receptor_427	371900	3758500	5.69E+00	4.47E+00	3.41E+00	2.83E+00	2.16E+00	1.58E+00	1.35E+00	9.70E-01
Receptor_428	371900	3759500	3.87E+00	2.34E+00	2.34E+00	1.37E+00	1.06E+00	9.90E-01	6.18E-01	5.95E-01
Receptor_429	371900	3762500	2.80E+00	2.56E+00	1.64E+00	1.47E+00	6.53E-01	5.65E-01	3.87E-01	3.21E-01
Receptor_430	371900	3763500	1.75E+00	1.64E+00	9.95E-01	9.26E-01	3.44E-01	3.38E-01	1.93E-01	1.85E-01
Receptor_431	371933.81	3758104.81	4.93E+00	4.90E+00	3.19E+00	3.11E+00	2.57E+00	2.04E+00	1.67E+00	1.32E+00
Receptor_432	372241	3757883	6.36E+00	6.31E+00	4.11E+00	4.05E+00	3.26E+00	2.96E+00	2.13E+00	1.96E+00
Receptor_433	372241	3757983	6.85E+00	6.35E+00	4.36E+00	3.99E+00	3.15E+00	2.57E+00	2.03E+00	1.68E+00
Receptor_434	372341	3757883	7.51E+00	7.12E+00	4.82E+00	4.51E+00	3.55E+00	3.18E+00	2.31E+00	2.10E+00
Receptor_435	372341	3757983	8.21E+00	6.82E+00	5.15E+00	4.26E+00	3.41E+00	2.77E+00	2.19E+00	1.81E+00
Receptor_436	372900	3753500	3.03E+00	2.82E+00	1.96E+00	1.88E+00	1.09E+00	1.08E+00	7.44E-01	7.25E-01
Receptor_437	372900	3754500	4.86E+00	4.53E+00	2.94E+00	2.78E+00	1.93E+00	1.91E+00	1.15E+00	1.11E+00
Receptor_438	372900	3759500	3.86E+00	3.59E+00	2.23E+00	2.14E+00	1.87E+00	1.86E+00	9.90E-01	9.79E-01
Receptor_439	372900	3760500	3.56E+00	3.30E+00	1.92E+00	1.82E+00	9.98E-01	9.87E-01	5.50E-01	5.08E-01
Receptor_440	372900	3761500	5.00E+00	4.09E+00	2.69E+00	2.60E+00	9.65E-01	8.92E-01	5.34E-01	5.09E-01
Receptor_441	372900	3762500	4.19E+00	2.93E+00	2.21E+00	1.91E+00	7.49E-01	6.03E-01	4.08E-01	3.37E-01
Receptor_442	373541	3757783	1.85E+01	1.84E+01	1.14E+01	1.14E+01	1.01E+01	9.63E+00	6.02E+00	5.77E+00
Receptor_443	373541	3757883	1.70E+01	1.68E+01	1.10E+01	1.10E+01	8.28E+00	8.17E+00	5.28E+00	5.18E+00
Receptor_444	373541	3757983	1.54E+01	1.45E+01	9.97E+00	9.34E+00	7.52E+00	7.41E+00	4.87E+00	4.66E+00
Receptor_445	373641	3756983	1.74E+01	1.67E+01	1.04E+01	1.04E+01	9.03E+00	8.14E+00	5.37E+00	4.69E+00
Receptor_446	373641	3757083	1.80E+01	1.72E+01	1.16E+01	1.11E+01	8.56E+00	8.55E+00	5.28E+00	5.23E+00
Receptor_447	373641	3757183	2.80E+01	2.49E+01	1.84E+01	1.63E+01	1.10E+01	1.04E+01	7.00E+00	6.65E+00
Receptor_448	373641	3757283	2.03E+01	1.96E+01	1.32E+01	1.29E+01	1.01E+01	9.24E+00	6.54E+00	5.93E+00
Receptor_449	373641	3757383	1.55E+01	1.43E+01	1.00E+01	9.22E+00	7.38E+00	7.29E+00	4.67E+00	4.61E+00
Receptor_450	373641	3757483	1.12E+01	1.12E+01	7.30E+00	7.24E+00	6.11E+00	6.11E+00	3.86E+00	3.85E+00
Receptor_451	373641	3757583	1.06E+01	1.01E+01	6.95E+00	6.63E+00	5.67E+00	5.62E+00	3.57E+00	3.53E+00
Receptor_452	373641	3757683	1.06E+01	1.03E+01	6.90E+00	6.72E+00	5.83E+00	5.76E+00	3.59E+00	3.58E+00
Receptor_453	373641	3757783	1.45E+01	1.42E+01	8.83E+00	8.74E+00	7.69E+00	7.54E+00	4.54E+00	4.46E+00
Receptor_454	373641	3757883	1.40E+01	1.35E+01	9.17E+00	8.89E+00	6.42E+00	6.06E+00	4.05E+00	3.90E+00
Receptor_455	373641	3757983	1.28E+01	1.20E+01	8.50E+00	7.91E+00	6.14E+00	5.75E+00	4.05E+00	3.68E+00

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_456	373687.89	3757980.08	1.20E+01	1.15E+01	7.97E+00	7.60E+00	5.70E+00	5.34E+00	3.75E+00	3.50E+00
Receptor_457	373900	3753500	3.05E+00	2.82E+00	1.52E+00	1.42E+00	1.04E+00	1.02E+00	5.92E-01	5.88E-01
Receptor_458	373900	3754500	4.15E+00	3.63E+00	2.04E+00	1.85E+00	1.46E+00	1.45E+00	7.22E-01	7.16E-01
Receptor_459	373900	3755500	5.32E+00	4.90E+00	2.91E+00	2.70E+00	2.03E+00	2.01E+00	1.07E+00	1.02E+00
Receptor_460	373900	3756500	7.35E+00	7.32E+00	4.46E+00	4.22E+00	3.04E+00	2.85E+00	1.76E+00	1.67E+00
Receptor_461	373900	3757500	9.40E+00	9.23E+00	6.06E+00	6.00E+00	4.67E+00	4.63E+00	3.02E+00	2.97E+00
Receptor_462	373900	3758500	6.47E+00	6.22E+00	4.15E+00	4.10E+00	2.99E+00	2.62E+00	1.86E+00	1.64E+00
Receptor_463	373900	3760500	5.73E+00	5.73E+00	3.67E+00	3.65E+00	1.38E+00	1.30E+00	7.89E-01	7.40E-01
Receptor_464	373900	3761500	3.70E+00	3.63E+00	2.28E+00	2.25E+00	9.03E-01	7.93E-01	4.76E-01	4.67E-01
Receptor_465	373900	3764500	2.03E+00	1.84E+00	1.21E+00	1.04E+00	4.79E-01	3.31E-01	2.84E-01	1.69E-01
Receptor_466	374900	3754500	3.13E+00	3.05E+00	1.89E+00	1.82E+00	1.19E+00	1.09E+00	6.70E-01	6.15E-01
Receptor_467	374900	3755500	3.75E+00	3.69E+00	2.27E+00	2.10E+00	1.95E+00	1.95E+00	9.99E-01	9.62E-01
Receptor_468	374900	3756500	4.76E+00	4.65E+00	2.94E+00	2.81E+00	2.10E+00	1.76E+00	1.15E+00	9.76E-01
Receptor_469	374900	3757500	6.11E+00	5.92E+00	4.09E+00	3.92E+00	2.91E+00	2.60E+00	1.91E+00	1.70E+00
Receptor_470	374900	3759500	5.69E+00	4.21E+00	3.77E+00	2.74E+00	1.90E+00	1.56E+00	1.15E+00	9.77E-01
Receptor_471	374900	3760500	4.09E+00	3.78E+00	2.70E+00	2.37E+00	1.37E+00	9.87E-01	8.15E-01	6.14E-01
Receptor_472	374900	3761500	3.21E+00	2.33E+00	2.13E+00	1.51E+00	7.95E-01	6.54E-01	4.96E-01	3.87E-01
Receptor_473	374900	3762500	2.30E+00	2.05E+00	1.46E+00	1.27E+00	5.13E-01	4.96E-01	3.16E-01	3.15E-01
Receptor_474	374900	3763500	2.67E+00	2.45E+00	1.75E+00	1.62E+00	4.53E-01	4.25E-01	2.83E-01	2.70E-01
Receptor_475	374900	3764500	2.98E+00	2.59E+00	1.87E+00	1.61E+00	4.66E-01	4.55E-01	2.75E-01	2.75E-01
Receptor_476	375900	3753500	2.26E+00	1.92E+00	1.33E+00	1.09E+00	7.29E-01	6.87E-01	4.07E-01	3.88E-01
Receptor_477	375900	3755500	3.48E+00	3.30E+00	2.04E+00	1.98E+00	1.46E+00	1.29E+00	8.01E-01	6.60E-01
Receptor_478	375900	3756500	3.75E+00	3.50E+00	2.30E+00	2.16E+00	1.18E+00	1.13E+00	6.94E-01	6.40E-01
Receptor_479	375900	3760500	4.38E+00	3.39E+00	2.86E+00	2.15E+00	1.32E+00	1.18E+00	7.49E-01	6.94E-01
Receptor_480	375900	3761500	3.48E+00	2.45E+00	2.34E+00	1.66E+00	7.40E-01	7.10E-01	4.55E-01	4.35E-01
Receptor_481	375900	3762500	2.29E+00	2.21E+00	1.47E+00	1.45E+00	5.62E-01	4.48E-01	3.27E-01	2.71E-01
Receptor_482	375900	3763500	3.34E+00	1.94E+00	2.22E+00	1.28E+00	7.47E-01	4.91E-01	4.78E-01	3.12E-01
Receptor_483	375900	3764500	1.36E+00	1.06E+00	8.45E-01	6.12E-01	2.84E-01	2.61E-01	1.60E-01	1.48E-01
Receptor_484	376084.62	3761776.42	3.18E+00	2.23E+00	2.13E+00	1.50E+00	6.84E-01	6.59E-01	4.15E-01	4.09E-01
Receptor_485	376900	3755500	2.24E+00	1.94E+00	1.41E+00	1.17E+00	8.49E-01	7.49E-01	4.91E-01	4.14E-01
Receptor_486	376900	3756500	3.09E+00	3.07E+00	1.90E+00	1.89E+00	9.06E-01	8.84E-01	5.22E-01	5.04E-01
Receptor_487	376900	3758500	6.20E+00	5.89E+00	4.40E+00	4.18E+00	1.89E+00	1.81E+00	1.34E+00	1.30E+00
Receptor_488	376900	3759500	4.81E+00	4.70E+00	3.28E+00	3.16E+00	1.80E+00	1.71E+00	1.19E+00	1.13E+00
Receptor_489	376900	3760500	4.69E+00	3.72E+00	2.72E+00	2.11E+00	1.32E+00	1.30E+00	6.63E-01	6.30E-01
Receptor_490	376900	3761500	3.49E+00	2.60E+00	2.28E+00	1.70E+00	9.62E-01	7.66E-01	5.59E-01	4.37E-01
Receptor_491	376900	3762500	3.29E+00	2.47E+00	2.17E+00	1.65E+00	6.00E-01	5.59E-01	3.63E-01	3.35E-01
Receptor_492	376900	3764500	1.25E+00	1.22E+00	7.86E-01	7.59E-01	2.94E-01	2.69E-01	1.61E-01	1.57E-01
Receptor_493	377900	3753500	1.80E+00	1.69E+00	9.97E-01	9.65E-01	4.06E-01	4.03E-01	2.27E-01	2.23E-01
Receptor_494	377900	3754500	1.85E+00	1.85E+00	1.23E+00	1.21E+00	6.53E-01	4.26E-01	4.31E-01	2.99E-01
Receptor_495	377900	3755500	2.19E+00	2.13E+00	1.39E+00	1.32E+00	6.42E-01	6.03E-01	3.66E-01	3.62E-01
Receptor_496	377900	3756500	3.60E+00	3.53E+00	2.29E+00	2.25E+00	8.34E-01	8.26E-01	4.88E-01	4.83E-01
Receptor_497	377900	3757500	6.85E+00	5.09E+00	4.74E+00	3.51E+00	1.31E+00	1.19E+00	8.61E-01	7.97E-01
Receptor_498	377900	3759500	4.51E+00	4.50E+00	3.06E+00	3.06E+00	1.47E+00	1.41E+00	9.65E-01	9.25E-01
Receptor_499	377900	3760500	3.70E+00	3.67E+00	2.20E+00	2.20E+00	1.27E+00	1.16E+00	6.70E-01	6.62E-01
Receptor_500	377900	3761500	2.36E+00	2.25E+00	1.53E+00	1.39E+00	6.94E-01	6.60E+00	3.89E-01	3.70E-01
Receptor_501	377900	3762500	2.26E+00	1.51E+00	1.46E+00	9.93E-01	5.94E-01	4.27E-01	3.50E-01	2.44E-01
Receptor_502	377900	3763500	1.65E+00	1.32E+00	1.07E+00	8.50E-01	3.84E-01	3.57E-01	2.30E-01	1.91E-01
Receptor_503	377900	3764500	1.30E+00	1.28E+00	8.19E-01	8.01E-01	3.13E-01	2.79E-01	1.89E-01	1.66E-01
Receptor_504	378528.59	3764156.44	1.57E+00	1.32E+00	1.02E+00	8.58E-01	3.50E-01	3.28E-01	2.08E-01	1.79E-01
Receptor_505	378900	3753500	1.77E+00	1.76E+00	1.04E+00	1.04E+00	4.79E-01	3.55E-01	2.69E-01	2.01E-01
Receptor_506	378900	3755500	2.54E+00	2.34E+00	1.65E+00	1.50E+00	6.43E-01	6.04E-01	3.70E-01	3.69E-01
Receptor_507	378900	3756500	3.16E+00	2.91E+00	2.03E+00	1.88E+00	6.85E-01	6.63E-01	4.30E-01	4.23E-01
Receptor_508	378900	3757500	5.77E+00	4.91E+00	3.96E+00	3.38E+00	1.13E+00	1.05E+00	7.36E-01	6.68E-01
Receptor_509	378900	3758500	4.38E+00	4.37E+00	3.39E+00	3.31E+00	1.63E+00	1.46E+00	1.29E+00	1.18E+00
Receptor_510	378900	3759500	4.28E+00	4.24E+00	2.85E+00	2.83E+00	1.19E+00	1.15E+00	7.53E-01	7.46E-01
Receptor_511	378900	3760500	3.64E+00	3.61E+00	2.15E+00	2.14E+00	1.30E+00	1.18E+00	7.09E-01	6.22E-01
Receptor_512	378900	3762500	1.79E+00	1.76E+00	1.12E+00	1.11E+00	5.49E-01	4.62E-01	2.97E-01	2.67E-01
Receptor_513	378900	3763500	2.07E+00	1.35E+00	1.34E+00	8.75E-01	5.04E-01	3.51E-01	2.99E-01	2.11E-01
Receptor_514	378900	3764500	1.56E+00	1.42E+00	1.00E+00	9.09E-01	3.35E-01	3.26E-01	1.98E-01	1.80E-01
Receptor_515	378902.85	3757271.45	5.17E+00	4.63E+00	3.51E+00	3.17E+00	1.16E+00	9.94E-01	7.67E-01	6.31E-01
Receptor_516	379900	3754500	3.23E+00	2.00E+00	2.13E+00	1.30E+00	5.39E-01	5.27E-01	3.52E-01	3.28E-01
Receptor_517	379900	3755500	2.73E+00	2.39E+00	1.76E+00	1.54E+00	6.31E-01	6.30E-01	3.91E-01	3.90E-01
Receptor_518	379900	3756500	2.63E+00	2.61E+00	1.70E+00	1.68E+00	6.04E-01	6.00E-01	3.82E-01	3.70E-01
Receptor_519	379900	3757500	4.33E+00	4.23E+00	2.91E+00	2.88E+00	9.49E-01	8.90E-01	6.17E-01	5.63E-01
Receptor_520	379900	3759500	3.25E+00	3.20E+00	2.19E+00	2.16E+00	9.50E-01	9.27E-01	6.13E-01	5.94E-01

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_521	379900	3760500	3.11E+00	3.06E+00	1.89E+00	1.85E+00	1.14E+00	1.11E+00	6.50E-01	6.06E-01
Receptor_522	379900	3761500	2.75E+00	2.58E+00	1.70E+00	1.61E+00	8.65E-01	8.05E-01	4.78E-01	4.76E-01
Receptor_523	379900	3762500	2.45E+00	1.85E+00	1.48E+00	1.10E+00	5.82E-01	5.63E-01	2.95E-01	2.59E-01
Receptor_524	379900	3763500	1.67E+00	1.57E+00	1.04E+00	1.01E+00	5.03E-01	3.87E-01	2.71E-01	2.26E-01
Receptor_525	379900	3764500	2.05E+00	1.41E+00	1.32E+00	9.11E-01	4.71E-01	3.50E-01	2.73E-01	2.11E-01
Receptor_526	380900	3753500	2.34E+00	1.68E+00	1.44E+00	9.85E-01	4.22E-01	3.98E-01	2.41E-01	2.39E-01
Receptor_527	380900	3754500	2.67E+00	1.77E+00	1.63E+00	1.16E+00	5.06E-01	4.36E-01	3.07E-01	2.56E-01
Receptor_528	380900	3755500	2.07E+00	1.98E+00	1.33E+00	1.29E+00	5.41E-01	4.80E-01	3.43E-01	2.99E-01
Receptor_529	380900	3756500	1.96E+00	1.90E+00	1.25E+00	1.21E+00	5.45E-01	5.23E-01	3.28E-01	3.21E-01
Receptor_530	380900	3757500	3.19E+00	2.93E+00	2.14E+00	1.92E+00	7.66E-01	6.68E-01	4.91E-01	4.15E-01
Receptor_531	380900	3758500	3.24E+00	2.77E+00	2.47E+00	2.14E+00	1.17E+00	1.08E+00	9.30E-01	8.73E-01
Receptor_532	380900	3759500	2.82E+00	2.54E+00	1.90E+00	1.71E+00	8.21E-01	8.03E-01	5.25E-01	5.15E-01
Receptor_533	380900	3760500	2.78E+00	2.78E+00	1.71E+00	1.71E+00	9.27E-01	9.06E-01	5.12E-01	4.88E-01
Receptor_534	380900	3761500	2.81E+00	2.78E+00	1.72E+00	1.71E+00	9.09E-01	7.55E-01	5.12E-01	4.20E-01
Receptor_535	380900	3762500	2.57E+00	2.26E+00	1.55E+00	1.37E+00	6.77E-01	6.17E-01	3.77E-01	3.12E-01
Receptor_536	380900	3763500	2.27E+00	1.62E+00	1.45E+00	1.00E+00	4.50E-01	4.15E-01	2.37E-01	2.31E-01
Receptor_537	381900	3754500	1.54E+00	1.39E+00	1.01E+00	9.07E-01	3.79E-01	3.46E-01	2.33E-01	2.23E-01
Receptor_538	381900	3755500	1.74E+00	1.61E+00	1.12E+00	1.04E+00	4.07E-01	3.96E-01	2.65E-01	2.50E-01
Receptor_539	381900	3756500	1.56E+00	1.56E+00	1.01E+00	1.01E+00	4.87E-01	4.65E-01	3.06E-01	2.95E-01
Receptor_540	381900	3757500	2.58E+00	2.37E+00	1.70E+00	1.57E+00	6.47E-01	5.49E-01	4.09E-01	3.43E-01
Receptor_541	381900	3759500	2.58E+00	2.13E+00	1.76E+00	1.45E+00	7.21E-01	6.45E-01	4.68E-01	4.17E-01
Receptor_542	381900	3760500	2.99E+00	2.71E+00	1.72E+00	1.58E+00	8.47E-01	8.44E-01	4.34E-01	4.25E-01
Receptor_543	381900	3761500	2.67E+00	2.60E+00	1.58E+00	1.52E+00	9.66E-01	9.41E-01	5.19E-01	5.01E-01
Receptor_544	381900	3762500	2.68E+00	2.56E+00	1.61E+00	1.52E+00	8.25E-01	7.26E-01	4.68E-01	3.80E-01
Receptor_545	381900	3763500	2.21E+00	2.09E+00	1.31E+00	1.23E+00	5.71E-01	4.81E-01	2.83E-01	2.33E-01
Receptor_546	381900	3764500	2.03E+00	1.69E+00	1.23E+00	9.53E-01	4.69E-01	4.69E-01	2.06E-01	2.05E-01
Receptor_547	382900	3753500	1.18E+00	9.95E-01	7.44E-01	6.09E-01	3.09E-01	2.26E-01	1.71E-01	1.34E-01
Receptor_548	382900	3754500	1.03E+00	1.03E+00	6.75E-01	6.58E-01	3.02E-01	2.43E-01	1.94E-01	1.55E-01
Receptor_549	382900	3755500	1.15E+00	1.15E+00	7.38E-01	7.33E-01	2.75E-01	2.72E-01	1.75E-01	1.66E-01
Receptor_550	382900	3756500	1.19E+00	1.18E+00	7.65E-01	7.54E-01	3.90E-01	3.76E-01	2.38E-01	2.31E-01
Receptor_551	382900	3757500	1.81E+00	1.70E+00	1.18E+00	1.12E+00	5.14E-01	4.36E-01	3.24E-01	2.75E-01
Receptor_552	382900	3758500	1.95E+00	1.91E+00	1.32E+00	1.29E+00	7.06E-01	6.37E-01	4.60E-01	4.16E-01
Receptor_553	382900	3759500	1.99E+00	1.94E+00	1.36E+00	1.32E+00	5.88E-01	5.77E-01	3.83E-01	3.56E-01
Receptor_554	382900	3760500	2.35E+00	2.27E+00	1.48E+00	1.45E+00	6.53E-01	6.42E-01	3.81E-01	3.71E-01
Receptor_555	382900	3761500	2.56E+00	2.49E+00	1.60E+00	1.56E+00	7.75E-01	7.17E-01	4.52E-01	4.02E-01
Receptor_556	382900	3762500	2.50E+00	2.50E+00	1.56E+00	1.54E+00	7.55E-01	5.79E-01	4.24E-01	3.16E-01
Receptor_557	382900	3763500	2.29E+00	2.21E+00	1.46E+00	1.35E+00	6.51E-01	4.90E-01	3.96E-01	2.82E-01
Receptor_558	382900	3764500	2.25E+00	1.59E+00	1.34E+00	9.70E-01	4.31E-01	4.01E-01	2.24E-01	2.01E-01
Receptor_559	383900	3753500	8.72E-01	8.00E-01	5.45E-01	5.06E-01	2.12E-01	1.96E-01	1.23E-01	1.16E-01
Receptor_560	383900	3754500	7.93E-01	7.02E-01	5.14E-01	4.52E-01	2.48E-01	1.82E-01	1.57E-01	1.15E-01
Receptor_561	383900	3755500	9.72E-01	9.57E-01	6.22E-01	6.12E-01	2.30E-01	2.24E-01	1.46E-01	1.38E-01
Receptor_562	383900	3756500	9.76E-01	9.69E-01	6.24E-01	6.14E-01	3.32E-01	3.22E-01	2.00E-01	1.96E-01
Receptor_563	383900	3757500	1.52E+00	1.49E+00	9.85E-01	9.83E-01	4.45E-01	3.78E-01	2.81E-01	2.38E-01
Receptor_564	383900	3762500	2.10E+00	2.08E+00	1.30E+00	1.27E+00	7.26E-01	7.24E-01	4.24E-01	4.17E-01
Receptor_565	383900	3763500	2.30E+00	2.09E+00	1.43E+00	1.29E+00	6.59E-01	5.44E-01	3.99E-01	3.01E-01
Receptor_566	383900	3764500	2.20E+00	1.87E+00	1.35E+00	1.13E+00	4.38E-01	4.38E-01	2.53E-01	2.38E-01
Receptor_567	384900	3753500	8.11E-01	6.06E-01	5.13E-01	3.87E-01	1.92E-01	1.66E-01	1.16E-01	9.82E-02
Receptor_568	384900	3754500	7.21E-01	7.12E-01	4.65E-01	4.52E-01	2.16E-01	1.67E-01	1.36E-01	1.05E-01
Receptor_569	384900	3755500	8.56E-01	8.42E-01	5.48E-01	5.39E-01	2.05E-01	1.99E-01	1.30E-01	1.25E-01
Receptor_570	384900	3756500	8.67E-01	8.64E-01	5.52E-01	5.52E-01	2.97E-01	2.88E-01	1.79E-01	1.75E-01
Receptor_571	384900	3757500	1.28E+00	1.23E+00	8.41E-01	7.90E-01	3.87E-01	3.29E-01	2.43E-01	2.06E-01
Receptor_572	384900	3758500	1.54E+00	1.41E+00	1.02E+00	9.37E-01	4.88E-01	4.59E-01	3.09E-01	2.90E-01
Receptor_573	384900	3759500	1.76E+00	1.59E+00	1.20E+00	1.05E+00	5.32E-01	4.84E-01	3.36E-01	3.21E-01
Receptor_574	384900	3760500	2.04E+00	1.69E+00	1.38E+00	1.14E+00	5.08E-01	5.06E-01	3.32E-01	3.23E-01
Receptor_575	384900	3761500	2.26E+00	2.18E+00	1.44E+00	1.38E+00	5.47E-01	5.19E-01	3.33E-01	3.16E-01
Receptor_576	384900	3762500	2.33E+00	2.21E+00	1.47E+00	1.39E+00	6.92E-01	6.48E-01	4.08E-01	3.78E-01
Receptor_577	384900	3763500	2.27E+00	2.22E+00	1.42E+00	1.38E+00	6.28E-01	4.52E-01	3.60E-01	2.44E-01
Receptor_578	384900	3764500	2.28E+00	1.97E+00	1.42E+00	1.22E+00	6.34E-01	4.08E-01	3.82E-01	2.43E-01
Receptor_579	366900	3760500	9.19E-01	8.83E-01	5.67E-01	5.61E-01	3.36E-01	3.32E-01	2.08E-01	2.02E-01
Receptor_580	366900	3761500	9.81E-01	9.58E-01	6.26E-01	5.91E-01	3.21E-01	3.05E-01	1.96E-01	1.85E-01
Receptor_581	367900	3753500	1.11E+00	1.07E+00	6.90E-01	6.86E-01	5.17E-01	4.38E-01	3.31E-01	2.75E-01
Receptor_582	367900	3754500	1.64E+00	1.42E+00	1.08E+00	9.14E-01	5.73E-01	5.12E-01	3.67E-01	3.25E-01
Receptor_583	367900	3760500	1.20E+00	1.09E+00	7.78E-01	6.84E-01	4.02E-01	3.91E-01	2.49E-01	2.40E-01
Receptor_584	367900	3763500	9.76E-01	9.17E-01	6.09E-01	5.97E-01	2.70E-01	2.61E-01	1.59E-01	1.54E-01
Receptor_585	368900	3753500	1.77E+00	1.63E+00	1.15E+00	1.09E+00	8.18E-01	6.91E-01	5.17E-01	4.34E-01

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_586	368900	3758500	3.91E+00	3.81E+00	2.40E+00	2.35E+00	1.50E+00	1.32E+00	9.62E-01	8.39E-01
Receptor_587	368900	3760500	1.47E+00	1.34E+00	9.15E-01	8.14E-01	4.83E-01	4.28E-01	2.90E-01	2.60E-01
Receptor_588	369079.58	3758184.29	1.02E+01	9.48E+00	6.43E+00	5.99E+00	4.80E+00	4.38E+00	3.03E+00	2.73E+00
Receptor_589	369900	3753500	2.06E+00	1.96E+00	1.35E+00	1.28E+00	8.54E-01	8.36E-01	5.45E-01	5.13E-01
Receptor_590	369900	3760500	1.75E+00	1.61E+00	1.08E+00	1.02E+00	5.96E-01	5.54E-01	3.40E-01	3.20E-01
Receptor_591	369900	3763500	1.55E+00	9.98E-01	7.65E-01	5.80E-01	3.64E-01	3.08E-01	1.83E-01	1.65E-01
Receptor_592	370313.67	3758254.27	3.43E+00	2.95E+00	2.37E+00	2.02E+00	1.29E+00	1.23E+00	8.02E-01	8.01E-01
Receptor_593	370834.03	3758177.01	3.98E+00	3.48E+00	2.89E+00	2.41E+00	1.46E+00	1.41E+00	9.56E-01	9.20E-01
Receptor_594	370900	3753500	1.78E+00	1.46E+00	1.16E+00	9.43E-01	7.39E-01	6.89E-01	4.60E-01	4.32E-01
Receptor_595	370900	3754500	2.36E+00	2.20E+00	1.50E+00	1.45E+00	1.10E+00	1.09E+00	6.53E-01	6.48E-01
Receptor_596	370900	3755500	2.71E+00	2.65E+00	1.86E+00	1.71E+00	1.59E+00	1.38E+00	1.05E+00	8.95E-01
Receptor_597	370900	3758500	3.55E+00	3.54E+00	2.54E+00	2.26E+00	1.37E+00	1.37E+00	9.07E-01	8.60E-01
Receptor_598	370900	3761500	5.71E+00	4.04E+00	1.67E+00	1.08E+00	1.69E+00	1.51E+00	4.67E-01	3.99E-01
Receptor_599	370933.96	3757895.9	4.42E+00	4.31E+00	3.16E+00	3.06E+00	1.82E+00	1.75E+00	1.21E+00	1.14E+00
Receptor_600	371041	3757083	1.94E+01	1.75E+01	1.39E+01	1.26E+01	8.20E+00	7.99E+00	5.82E+00	5.65E+00
Receptor_601	371041	3757183	2.76E+01	2.22E+01	2.03E+01	1.62E+01	1.08E+01	1.06E+01	7.86E+00	7.77E+00
Receptor_602	371041	3757283	1.87E+01	1.72E+01	1.33E+01	1.24E+01	7.96E+00	7.08E+00	5.65E+00	4.97E+00
Receptor_603	371141	3757083	2.50E+01	2.24E+01	1.78E+01	1.58E+01	1.13E+01	1.11E+01	7.89E+00	7.80E+00
Receptor_604	371141	3757183	4.22E+01	3.43E+01	3.03E+01	2.44E+01	1.73E+01	1.71E+01	1.23E+01	1.22E+01
Receptor_605	371141	3757283	2.08E+01	2.00E+01	1.51E+01	1.42E+01	9.31E+00	8.26E+00	6.66E+00	5.85E+00
Receptor_606	371150	3757970.99	4.09E+00	3.90E+00	2.94E+00	2.65E+00	1.95E+00	1.86E+00	1.31E+00	1.16E+00
Receptor_607	371241	3757083	2.05E+01	1.84E+01	1.48E+01	1.32E+01	1.03E+01	1.00E+01	7.26E+00	7.05E+00
Receptor_608	371241	3757183	5.19E+01	4.43E+01	3.72E+01	3.18E+01	2.29E+01	2.21E+01	1.62E+01	1.56E+01
Receptor_609	371341	3757083	1.93E+01	1.84E+01	1.40E+01	1.33E+01	1.08E+01	1.06E+01	7.73E+00	7.60E+00
Receptor_610	371341	3757183	5.55E+01	4.70E+01	4.02E+01	3.41E+01	2.47E+01	2.45E+01	1.77E+01	1.76E+01
Receptor_611	371441	3757083	2.64E+01	2.52E+01	1.91E+01	1.83E+01	1.24E+01	1.13E+01	8.98E+00	8.16E+00
Receptor_612	371441	3757183	4.02E+01	3.39E+01	2.93E+01	2.42E+01	1.79E+01	1.72E+01	1.28E+01	1.24E+01
Receptor_613	371539.56	3757095.63	2.59E+01	2.32E+01	1.91E+01	1.70E+01	1.13E+01	1.12E+01	8.20E+00	8.19E+00
Receptor_614	371540.36	3757178.31	4.77E+01	4.06E+01	3.49E+01	2.99E+01	2.14E+01	2.09E+01	1.56E+01	1.52E+01
Receptor_615	371614.33	3757093.32	2.45E+01	2.24E+01	1.80E+01	1.64E+01	1.03E+01	1.00E+01	7.54E+00	7.28E+00
Receptor_616	371615.15	3757177.59	4.68E+01	3.97E+01	3.43E+01	2.92E+01	2.04E+01	2.03E+01	1.48E+01	1.48E+01
Receptor_617	371641	3757083	2.24E+01	2.06E+01	1.65E+01	1.51E+01	9.47E+00	9.19E+00	6.90E+00	6.66E+00
Receptor_618	371641	3757183	4.56E+01	4.15E+01	3.33E+01	3.06E+01	2.08E+01	1.94E+01	1.52E+01	1.42E+01
Receptor_619	371741	3757083	1.83E+01	1.78E+01	1.36E+01	1.32E+01	9.09E+00	8.97E+00	6.66E+00	6.53E+00
Receptor_620	371741	3757183	4.65E+01	4.62E+01	3.42E+01	3.36E+01	2.24E+01	2.08E+01	1.64E+01	1.52E+01
Receptor_621	371741	3757283	2.08E+01	2.02E+01	1.53E+01	1.49E+01	1.13E+01	1.13E+01	8.13E+00	8.10E+00
Receptor_622	371841	3757083	1.58E+01	1.58E+01	1.18E+01	1.15E+01	8.74E+00	8.72E+00	6.38E+00	6.27E+00
Receptor_623	371841	3757183	4.77E+01	4.72E+01	3.52E+01	3.39E+01	2.28E+01	2.11E+01	1.65E+01	1.53E+01
Receptor_624	371841	3757283	1.96E+01	1.92E+01	1.43E+01	1.39E+01	1.13E+01	1.11E+01	7.96E+00	7.78E+00
Receptor_625	371900	3753500	1.80E+00	1.79E+00	1.16E+00	1.13E+00	9.17E-01	8.99E-01	5.44E-01	5.44E-01
Receptor_626	371900	3754500	2.61E+00	2.25E+00	1.70E+00	1.47E+00	1.33E+00	1.17E+00	8.34E-01	7.35E-01
Receptor_627	371900	3760500	4.92E+00	4.71E+00	1.99E+00	1.96E+00	2.33E+00	2.07E+00	9.08E-01	7.82E-01
Receptor_628	371900	3761500	2.21E+00	2.15E+00	1.23E+00	1.21E+00	6.35E-01	5.50E-01	3.27E-01	3.01E-01
Receptor_629	371900	3764500	1.75E+00	1.54E+00	9.63E-01	8.40E-01	3.27E-01	2.88E-01	1.81E-01	1.54E-01
Receptor_630	371941	3757083	1.56E+01	1.56E+01	1.16E+01	1.13E+01	8.73E+00	8.38E+00	6.29E+00	5.98E+00
Receptor_631	371941	3757183	4.35E+01	3.79E+01	3.19E+01	2.77E+01	1.83E+01	1.72E+01	1.32E+01	1.25E+01
Receptor_632	371941	3757283	1.85E+01	1.84E+01	1.36E+01	1.35E+01	1.04E+01	1.03E+01	7.46E+00	7.35E+00
Receptor_633	371941	3757383	1.24E+01	1.21E+01	8.87E+00	8.71E+00	6.72E+00	6.58E+00	4.65E+00	4.54E+00
Receptor_634	372041	3757083	1.54E+01	1.52E+01	1.12E+01	1.11E+01	7.98E+00	7.92E+00	5.78E+00	5.68E+00
Receptor_635	372041	3757183	3.94E+01	3.45E+01	2.87E+01	2.52E+01	1.73E+01	1.58E+01	1.24E+01	1.14E+01
Receptor_636	372041	3757283	1.94E+01	1.92E+01	1.36E+01	1.35E+01	1.06E+01	1.05E+01	7.35E+00	7.31E+00
Receptor_637	372041	3757383	1.31E+01	1.30E+01	8.82E+00	8.77E+00	6.84E+00	6.84E+00	4.56E+00	4.56E+00
Receptor_638	372041	3757783	5.67E+00	5.59E+00	3.85E+00	3.77E+00	3.21E+00	2.95E+00	2.12E+00	1.95E+00
Receptor_639	372041	3757883	5.53E+00	5.28E+00	3.69E+00	3.59E+00	2.99E+00	2.65E+00	1.98E+00	1.70E+00
Receptor_640	372041	3757983	5.30E+00	5.29E+00	3.48E+00	3.38E+00	2.79E+00	2.31E+00	1.83E+00	1.49E+00
Receptor_641	372141	3757083	1.55E+01	1.52E+01	1.12E+01	1.09E+01	7.86E+00	7.83E+00	5.66E+00	5.52E+00
Receptor_642	372141	3757183	3.19E+01	3.07E+01	2.34E+01	2.18E+01	1.41E+01	1.27E+01	1.02E+01	9.13E+00
Receptor_643	372141	3757283	1.81E+01	1.73E+01	1.31E+01	1.25E+01	9.84E+00	9.75E+00	6.98E+00	6.92E+00
Receptor_644	372141	3757783	6.21E+00	5.86E+00	4.16E+00	3.77E+00	3.34E+00	3.06E+00	2.21E+00	2.06E+00
Receptor_645	372141	3757883	5.79E+00	5.73E+00	3.84E+00	3.68E+00	3.11E+00	2.73E+00	2.04E+00	1.81E+00
Receptor_646	372141	3757983	5.84E+00	5.82E+00	3.78E+00	3.68E+00	2.94E+00	2.41E+00	1.91E+00	1.57E+00
Receptor_647	372241	3757083	1.63E+01	1.60E+01	1.15E+01	1.13E+01	8.24E+00	8.13E+00	5.79E+00	5.73E+00
Receptor_648	372241	3757183	3.89E+01	3.57E+01	2.75E+01	2.63E+01	1.69E+01	1.57E+01	1.22E+01	1.13E+01
Receptor_649	372241	3757283	1.68E+01	1.68E+01	1.23E+01	1.22E+01	9.44E+00	9.27E+00	6.73E+00	6.62E+00
Receptor_650	372241	3757483	9.41E+00	9.28E+00	6.55E+00	6.44E+00	5.14E+00	4.98E+00	3.52E+00	3.37E+00

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_651	372241	3757583	8.10E+00	7.64E+00	5.69E+00	5.35E+00	4.34E+00	3.99E+00	2.95E+00	2.72E+00
Receptor_652	372241	3757683	7.12E+00	6.66E+00	4.81E+00	4.48E+00	3.72E+00	3.59E+00	2.51E+00	2.43E+00
Receptor_653	372241	3757783	6.43E+00	6.23E+00	4.30E+00	4.05E+00	3.42E+00	3.29E+00	2.28E+00	2.21E+00
Receptor_654	372341	3757083	1.82E+01	1.73E+01	1.27E+01	1.21E+01	8.99E+00	8.62E+00	6.20E+00	6.10E+00
Receptor_655	372341	3757183	4.12E+01	3.67E+01	2.90E+01	2.70E+01	1.73E+01	1.64E+01	1.24E+01	1.17E+01
Receptor_656	372341	3757283	1.64E+01	1.58E+01	1.20E+01	1.16E+01	9.24E+00	9.03E+00	6.61E+00	6.47E+00
Receptor_657	372341	3757383	1.16E+01	1.15E+01	8.28E+00	8.17E+00	6.55E+00	6.47E+00	4.55E+00	4.51E+00
Receptor_658	372341	3757483	9.43E+00	9.34E+00	6.60E+00	6.53E+00	5.27E+00	5.15E+00	3.58E+00	3.54E+00
Receptor_659	372341	3757583	8.42E+00	8.11E+00	5.72E+00	5.65E+00	4.51E+00	4.41E+00	3.07E+00	3.01E+00
Receptor_660	372341	3757683	7.43E+00	7.26E+00	5.01E+00	4.72E+00	3.95E+00	3.84E+00	2.67E+00	2.57E+00
Receptor_661	372341	3757783	7.01E+00	6.88E+00	4.53E+00	4.51E+00	3.66E+00	3.55E+00	2.42E+00	2.36E+00
Receptor_662	372441	3757083	2.17E+01	2.13E+01	1.50E+01	1.47E+01	1.07E+01	9.88E+00	7.28E+00	6.90E+00
Receptor_663	372441	3757183	4.91E+01	4.75E+01	3.56E+01	3.33E+01	2.30E+01	2.23E+01	1.64E+01	1.59E+01
Receptor_664	372441	3757283	1.63E+01	1.57E+01	1.19E+01	1.13E+01	9.35E+00	9.07E+00	6.70E+00	6.51E+00
Receptor_665	372441	3757383	1.16E+01	1.12E+01	8.33E+00	8.07E+00	6.76E+00	6.67E+00	4.72E+00	4.70E+00
Receptor_666	372441	3757483	1.04E+01	9.73E+00	7.11E+00	6.76E+00	5.64E+00	5.55E+00	3.85E+00	3.84E+00
Receptor_667	372441	3757583	9.07E+00	8.50E+00	6.19E+00	5.62E+00	4.85E+00	4.79E+00	3.31E+00	3.25E+00
Receptor_668	372441	3757683	7.93E+00	7.92E+00	5.17E+00	5.17E+00	4.39E+00	4.24E+00	2.94E+00	2.83E+00
Receptor_669	372441	3757783	8.48E+00	8.14E+00	5.50E+00	5.35E+00	4.20E+00	3.90E+00	2.76E+00	2.58E+00
Receptor_670	372441	3757883	9.26E+00	7.96E+00	5.85E+00	5.00E+00	4.02E+00	3.49E+00	2.60E+00	2.30E+00
Receptor_671	372441	3757983	9.38E+00	7.51E+00	5.81E+00	4.79E+00	3.70E+00	3.04E+00	2.36E+00	1.98E+00
Receptor_672	372541	3757083	2.93E+01	2.84E+01	1.99E+01	1.93E+01	1.41E+01	1.36E+01	9.51E+00	9.05E+00
Receptor_673	372541	3757183	4.64E+01	4.24E+01	3.36E+01	3.06E+01	2.01E+01	1.98E+01	1.43E+01	1.41E+01
Receptor_674	372541	3757283	1.62E+01	1.52E+01	1.18E+01	1.10E+01	9.69E+00	9.62E+00	6.87E+00	6.70E+00
Receptor_675	372541	3757383	1.37E+01	1.27E+01	9.33E+00	8.55E+00	7.88E+00	7.61E+00	5.38E+00	5.26E+00
Receptor_676	372541	3757483	1.23E+01	1.20E+01	8.49E+00	8.17E+00	6.62E+00	6.57E+00	4.56E+00	4.55E+00
Receptor_677	372541	3757583	1.13E+01	1.03E+01	7.64E+00	6.87E+00	5.64E+00	5.58E+00	3.80E+00	3.79E+00
Receptor_678	372541	3757683	1.03E+01	1.01E+01	6.89E+00	6.68E+00	5.29E+00	4.88E+00	3.52E+00	3.26E+00
Receptor_679	372541	3757783	1.07E+01	9.52E+00	6.84E+00	6.04E+00	4.94E+00	4.44E+00	3.22E+00	2.93E+00
Receptor_680	372541	3757883	1.12E+01	8.92E+00	6.99E+00	5.71E+00	4.57E+00	3.89E+00	2.93E+00	2.54E+00
Receptor_681	372541	3757983	9.39E+00	8.86E+00	5.69E+00	5.54E+00	3.87E+00	3.57E+00	2.44E+00	2.22E+00
Receptor_682	372641	3757383	1.46E+01	1.46E+01	1.04E+01	1.03E+01	8.84E+00	8.69E+00	6.26E+00	6.10E+00
Receptor_683	372641	3757483	1.96E+01	1.87E+01	1.37E+01	1.33E+01	1.06E+01	1.03E+01	7.42E+00	7.30E+00
Receptor_684	372641	3757583	1.44E+01	1.43E+01	9.78E+00	9.77E+00	7.99E+00	7.52E+00	5.44E+00	5.07E+00
Receptor_685	372641	3757683	1.36E+01	1.23E+01	8.78E+00	7.90E+00	6.88E+00	6.22E+00	4.54E+00	4.14E+00
Receptor_686	372641	3757783	1.42E+01	1.15E+01	8.99E+00	7.32E+00	6.27E+00	5.66E+00	4.06E+00	3.62E+00
Receptor_687	372641	3757883	1.21E+01	1.13E+01	7.34E+00	7.06E+00	5.20E+00	4.81E+00	3.28E+00	2.96E+00
Receptor_688	372641	3757983	1.09E+01	9.71E+00	6.78E+00	6.03E+00	4.28E+00	4.24E+00	2.66E+00	2.64E+00
Receptor_689	372741	3757683	1.58E+01	1.40E+01	1.01E+01	9.59E+00	8.84E+00	7.44E+00	5.83E+00	4.88E+00
Receptor_690	372741	3757783	1.36E+01	1.26E+01	8.52E+00	8.39E+00	6.97E+00	6.34E+00	4.53E+00	4.14E+00
Receptor_691	372741	3757883	1.65E+01	1.35E+01	1.00E+01	8.53E+00	6.92E+00	6.47E+00	4.22E+00	3.98E+00
Receptor_692	372741	3757983	1.39E+01	1.09E+01	8.54E+00	6.91E+00	5.04E+00	4.99E+00	3.10E+00	3.08E+00
Receptor_693	372841	3757783	1.79E+01	1.40E+01	1.16E+01	9.00E+00	7.48E+00	7.29E+00	4.87E+00	4.74E+00
Receptor_694	372841	3757883	1.47E+01	1.07E+01	9.40E+00	6.79E+00	6.08E+00	5.93E+00	3.88E+00	3.75E+00
Receptor_695	372841	3757983	1.18E+01	9.33E+00	7.45E+00	5.81E+00	5.02E+00	4.80E+00	3.13E+00	2.97E+00
Receptor_696	372843.75	3756668.92	8.47E+00	7.56E+00	5.66E+00	5.09E+00	4.74E+00	4.25E+00	3.15E+00	2.81E+00
Receptor_697	372857.79	3756854.91	1.12E+01	1.09E+01	7.52E+00	7.28E+00	6.82E+00	6.25E+00	4.58E+00	4.10E+00
Receptor_698	372900	3758500	6.13E+00	5.70E+00	3.66E+00	3.55E+00	2.57E+00	2.36E+00	1.59E+00	1.48E+00
Receptor_699	372900	3763500	3.15E+00	2.39E+00	1.63E+00	1.55E+00	4.96E-01	4.14E-01	2.62E-01	2.28E-01
Receptor_700	372900	3764500	2.98E+00	2.85E+00	1.89E+00	1.80E+00	4.41E-01	4.27E-01	2.52E-01	2.46E-01
Receptor_701	372941	3757783	1.95E+01	1.63E+01	1.28E+01	1.09E+01	9.59E+00	9.05E+00	6.32E+00	6.00E+00
Receptor_702	372941	3757883	1.38E+01	1.29E+01	8.87E+00	8.29E+00	6.17E+00	6.07E+00	4.00E+00	3.92E+00
Receptor_703	372941	3757983	1.09E+01	1.03E+01	6.92E+00	6.50E+00	4.98E+00	4.80E+00	3.20E+00	3.06E+00
Receptor_704	373035.5	3755453.68	1.14E+01	1.01E+01	7.38E+00	6.51E+00	4.83E+00	4.69E+00	2.90E+00	2.90E+00
Receptor_705	373035.5	3755652.82	1.10E+01	1.04E+01	6.97E+00	6.59E+00	5.49E+00	4.69E+00	3.40E+00	2.80E+00
Receptor_706	373041	3757783	2.74E+01	2.72E+01	1.88E+01	1.87E+01	1.30E+01	1.24E+01	8.78E+00	8.26E+00
Receptor_707	373041	3757883	1.56E+01	1.52E+01	1.06E+01	1.04E+01	7.52E+00	6.52E+00	4.91E+00	4.22E+00
Receptor_708	373041	3757983	1.22E+01	1.15E+01	8.19E+00	7.76E+00	5.72E+00	5.17E+00	3.70E+00	3.33E+00
Receptor_709	373141	3757783	2.18E+01	2.09E+01	1.48E+01	1.42E+01	1.16E+01	1.13E+01	7.71E+00	7.48E+00
Receptor_710	373141	3757883	1.46E+01	1.45E+01	9.98E+00	9.84E+00	7.06E+00	6.76E+00	4.66E+00	4.33E+00
Receptor_711	373141	3757983	1.15E+01	1.07E+01	7.66E+00	7.32E+00	5.72E+00	5.22E+00	3.65E+00	3.41E+00
Receptor_712	373241	3757783	2.07E+01	2.06E+01	1.39E+01	1.39E+01	1.11E+01	1.11E+01	7.30E+00	7.28E+00
Receptor_713	373241	3757883	1.34E+01	1.29E+01	9.00E+00	8.74E+00	7.49E+00	7.27E+00	4.92E+00	4.76E+00
Receptor_714	373241	3757983	1.09E+01	1.09E+01	7.41E+00	7.38E+00	5.97E+00	5.83E+00	3.80E+00	3.76E+00
Receptor_715	373247.31	3756833.85	1.24E+01	1.15E+01	7.86E+00	7.23E+00	6.36E+00	5.61E+00	3.87E+00	3.68E+00

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_716	373250.82	3756654.89	9.51E+00	8.62E+00	5.68E+00	5.49E+00	4.84E+00	4.28E+00	2.86E+00	2.57E+00
Receptor_717	373258.92	3755458.54	6.59E+00	5.80E+00	3.97E+00	3.55E+00	3.00E+00	2.92E+00	1.71E+00	1.50E+00
Receptor_718	373278.35	3755647.97	6.08E+00	5.77E+00	3.01E+00	3.00E+00	3.00E+00	2.95E+00	1.49E+00	1.46E+00
Receptor_719	373341	3757783	2.08E+01	2.01E+01	1.39E+01	1.35E+01	1.18E+01	1.15E+01	7.68E+00	7.50E+00
Receptor_720	373341	3757883	1.67E+01	1.63E+01	1.05E+01	1.05E+01	9.86E+00	9.75E+00	6.48E+00	6.20E+00
Receptor_721	373341	3757983	1.57E+01	1.47E+01	9.89E+00	9.40E+00	8.80E+00	8.69E+00	5.60E+00	5.56E+00
Receptor_722	373441	3757083	2.34E+01	2.32E+01	1.46E+01	1.42E+01	1.26E+01	1.24E+01	7.59E+00	7.37E+00
Receptor_723	373441	3757183	4.89E+01	4.56E+01	3.19E+01	2.96E+01	2.37E+01	2.29E+01	1.50E+01	1.46E+01
Receptor_724	373441	3757283	2.72E+01	2.68E+01	1.79E+01	1.74E+01	1.52E+01	1.50E+01	9.56E+00	9.43E+00
Receptor_725	373441	3757383	1.87E+01	1.83E+01	1.13E+01	1.10E+01	1.11E+01	1.10E+01	6.80E+00	6.74E+00
Receptor_726	373441	3757483	1.58E+01	1.56E+01	9.54E+00	9.51E+00	8.54E+00	8.50E+00	5.36E+00	5.26E+00
Receptor_727	373900	3759500	4.82E+00	4.43E+00	3.09E+00	2.79E+00	1.64E+00	1.50E+00	9.42E-01	8.46E-01
Receptor_728	373900	3762500	2.64E+00	2.63E+00	1.61E+00	1.57E+00	6.98E-01	5.40E-01	3.99E-01	3.16E-01
Receptor_729	373900	3763500	2.45E+00	2.21E+00	1.42E+00	1.31E+00	6.04E-01	3.97E-01	3.48E-01	2.34E-01
Receptor_730	374900	3753500	2.38E+00	2.09E+00	1.37E+00	1.20E+00	8.49E-01	7.68E-01	4.75E-01	4.38E-01
Receptor_731	374900	3758500	6.86E+00	6.80E+00	4.51E+00	4.47E+00	2.95E+00	2.90E+00	1.89E+00	1.87E+00
Receptor_732	375900	3754500	2.47E+00	2.19E+00	1.49E+00	1.31E+00	8.70E-01	8.56E-01	4.64E-01	4.58E-01
Receptor_733	375900	3757500	4.39E+00	4.35E+00	2.93E+00	2.92E+00	1.89E+00	1.68E+00	1.23E+00	1.10E+00
Receptor_734	375900	3758500	7.19E+00	6.84E+00	4.97E+00	4.72E+00	2.45E+00	2.41E+00	1.66E+00	1.64E+00
Receptor_735	375900	3759500	6.47E+00	6.18E+00	4.20E+00	3.99E+00	2.28E+00	2.18E+00	1.44E+00	1.37E+00
Receptor_736	376900	3753500	1.83E+00	1.70E+00	1.08E+00	9.23E-01	5.98E-01	5.71E-01	3.14E-01	2.87E-01
Receptor_737	376900	3754500	3.11E+00	2.80E+00	1.83E+00	1.66E+00	8.39E-01	6.20E-01	5.16E-01	4.04E-01
Receptor_738	376900	3757500	6.02E+00	5.07E+00	4.13E+00	3.48E+00	1.62E+00	1.58E+00	1.02E+00	1.02E+00
Receptor_739	376900	3763500	1.84E+00	1.56E+00	1.19E+00	1.02E+00	3.91E-01	3.51E-01	2.33E-01	1.85E-01
Receptor_740	377900	3758500	4.97E+00	4.87E+00	3.75E+00	3.67E+00	1.65E+00	1.61E+00	1.26E+00	1.26E+00
Receptor_741	378900	3754500	2.91E+00	2.37E+00	1.87E+00	1.60E+00	6.00E-01	5.17E-01	4.06E-01	3.43E-01
Receptor_742	378900	3761500	2.61E+00	2.53E+00	1.60E+00	1.52E+00	7.11E-01	6.76E-01	3.93E-01	3.75E-01
Receptor_743	379900	3753500	1.49E+00	1.41E+00	9.02E-01	8.54E-01	4.43E-01	2.85E-01	2.50E-01	1.64E-01
Receptor_744	379900	3758500	4.22E+00	4.11E+00	3.13E+00	2.93E+00	1.34E+00	1.28E+00	1.02E+00	9.60E-01
Receptor_745	380900	3764500	1.53E+00	1.36E+00	9.56E-01	8.57E-01	4.53E-01	3.51E-01	2.35E-01	1.98E-01
Receptor_746	381900	3753500	1.57E+00	1.36E+00	9.75E-01	8.50E-01	3.51E-01	2.68E-01	2.08E-01	1.59E-01
Receptor_747	381900	3758500	2.41E+00	2.40E+00	1.67E+00	1.61E+00	9.35E-01	8.54E-01	6.23E-01	5.73E-01
Receptor_748	383900	3758500	1.72E+00	1.58E+00	1.15E+00	1.06E+00	5.79E-01	5.33E-01	3.72E-01	3.42E-01
Receptor_749	383900	3759500	1.73E+00	1.69E+00	1.17E+00	1.14E+00	5.66E-01	4.62E-01	3.55E-01	3.03E-01
Receptor_750	383900	3760500	2.09E+00	1.98E+00	1.40E+00	1.30E+00	5.92E-01	5.44E-01	3.68E-01	3.48E-01
Receptor_751	383900	3761500	2.19E+00	2.15E+00	1.38E+00	1.36E+00	5.84E-01	5.54E-01	3.39E-01	3.32E-01
Receptor_752	368494.88	3756671.28	3.24E+00	3.09E+00	2.24E+00	2.13E+00	1.05E+00	1.01E+00	7.05E-01	6.61E-01
Receptor_753	370394.8	3756845.73	8.10E+00	7.45E+00	5.72E+00	5.26E+00	2.69E+00	2.65E+00	1.85E+00	1.82E+00
Receptor_754	366455.27	3763213.67	9.66E-01	8.45E-01	5.78E-01	5.26E-01	2.56E-01	2.29E-01	1.44E-01	1.36E-01
Receptor_755	366669.62	3763342.53	8.97E-01	8.53E-01	5.52E-01	4.98E-01	2.47E-01	2.29E-01	1.46E-01	1.26E-01
Receptor_756	366671.31	3762769.21	1.05E+00	8.54E-01	6.39E-01	5.36E-01	2.84E-01	2.44E-01	1.64E-01	1.44E-01
Receptor_757	367494.53	3758314.82	3.30E+00	2.50E+00	2.17E+00	1.61E+00	9.70E-01	9.42E-01	6.01E-01	5.92E-01
Receptor_758	367575.16	3764900.8	8.99E-01	8.97E-01	5.53E-01	5.24E-01	2.86E-01	2.59E-01	1.52E-01	1.26E-01
Receptor_759	367638.49	3757975.16	2.21E+00	2.02E+00	1.45E+00	1.32E+00	9.16E-01	8.75E-01	5.75E-01	5.41E-01
Receptor_760	367728.62	3761967.19	1.24E+00	9.97E-01	7.52E-01	6.21E-01	3.34E-01	3.02E-01	1.94E-01	1.80E-01
Receptor_761	367787.59	3758292.62	4.40E+00	3.63E+00	2.88E+00	2.40E+00	1.47E+00	1.40E+00	9.43E-01	8.65E-01
Receptor_762	367831.34	3763245.91	9.43E-01	9.24E-01	5.96E-01	5.82E-01	2.85E-01	2.55E-01	1.64E-01	1.55E-01
Receptor_763	367900	3758500	4.17E+00	4.16E+00	2.74E+00	2.69E+00	1.72E+00	1.67E+00	1.11E+00	1.05E+00
Receptor_764	367926.08	3763311.16	9.72E-01	9.20E-01	6.18E-01	5.97E-01	2.80E-01	2.63E-01	1.61E-01	1.60E-01
Receptor_765	367964.98	3758232.97	4.37E+00	3.48E+00	2.88E+00	2.31E+00	1.44E+00	1.38E+00	9.24E-01	8.56E-01
Receptor_766	367976.37	3763336.74	9.85E-01	9.34E-01	6.22E-01	6.04E-01	2.79E-01	2.67E-01	1.62E-01	1.59E-01
Receptor_767	367978.91	3758390.1	4.51E+00	3.84E+00	2.89E+00	2.47E+00	1.66E+00	1.51E+00	1.05E+00	9.71E-01
Receptor_768	368188.78	3758591.47	3.35E+00	3.34E+00	2.20E+00	2.16E+00	1.43E+00	1.13E+00	9.28E-01	7.02E-01
Receptor_769	368501.11	3761632.38	1.24E+00	1.21E+00	7.45E-01	7.29E-01	3.68E-01	3.45E-01	2.13E-01	1.96E-01
Receptor_770	368505.49	3758571.22	4.58E+00	4.50E+00	3.00E+00	3.00E+00	1.77E+00	1.59E+00	1.12E+00	1.02E+00
Receptor_771	368673.29	3761677.69	1.28E+00	1.09E+00	7.84E-01	7.34E-01	3.86E-01	3.28E-01	2.20E-01	1.99E-01
Receptor_772	368693.42	3758359.47	5.18E+00	5.14E+00	3.34E+00	3.32E+00	2.20E+00	1.79E+00	1.42E+00	1.11E+00
Receptor_773	368842.92	3761590.39	1.32E+00	1.17E+00	8.09E-01	8.00E-01	4.01E-01	3.46E-01	2.26E-01	2.11E-01
Receptor_774	368869.11	3754097.89	2.16E+00	1.97E+00	1.43E+00	1.33E+00	9.34E-01	9.28E-01	6.03E-01	5.98E-01
Receptor_775	368869.83	3765067	1.85E+00	1.26E+00	8.82E-01	6.08E-01	3.67E-01	2.84E-01	1.75E-01	1.38E-01
Receptor_776	368969.99	3761647.2	1.33E+00	1.22E+00	8.22E-01	8.06E-01	4.13E-01	3.64E-01	2.30E-01	2.18E-01
Receptor_777	368970.54	3754677.64	1.90E+00	1.45E+00	1.23E+00	9.37E-01	7.59E-01	6.94E-01	4.95E-01	4.42E-01
Receptor_778	369007.11	3762513.11	1.18E+00	1.11E+00	7.14E-01	6.77E-01	3.35E-01	3.28E-01	1.93E-01	1.80E-01
Receptor_779	369227.99	3762251.91	1.23E+00	1.17E+00	7.46E-01	7.13E-01	3.57E-01	3.52E-01	2.04E-01	1.92E-01
Receptor_780	369242.37	3754695.62	1.82E+00	1.47E+00	1.18E+00	9.51E-01	8.24E-01	7.39E-01	5.41E-01	4.77E-01

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_781	369456.98	3762567.48	1.31E+00	1.18E+00	7.86E-01	6.96E-01	3.61E-01	3.52E-01	2.02E-01	1.69E-01
Receptor_782	369504	3754702.08	1.71E+00	1.55E+00	1.09E+00	1.01E+00	8.76E-01	7.80E-01	5.73E-01	4.95E-01
Receptor_783	369767.91	3761150.98	1.44E+00	1.42E+00	8.96E-01	8.74E-01	5.06E-01	4.60E-01	2.74E-01	2.69E-01
Receptor_784	369809.34	3764567.65	1.02E+00	9.74E-01	5.30E-01	5.10E-01	2.46E-01	2.24E-01	1.27E-01	1.16E-01
Receptor_785	369845.18	3754154.97	2.99E+00	2.92E+00	2.00E+00	1.92E+00	1.31E+00	1.24E+00	8.28E-01	8.02E-01
Receptor_786	369848.41	3753976.49	2.21E+00	2.14E+00	1.45E+00	1.42E+00	1.02E+00	9.35E-01	6.34E-01	5.71E-01
Receptor_787	370097.88	3760014.31	4.41E+00	2.68E+00	2.64E+00	1.85E+00	1.03E+00	8.14E-01	5.89E-01	5.13E-01
Receptor_788	370150.95	3754699.75	1.85E+00	1.72E+00	1.24E+00	1.10E+00	1.05E+00	8.41E-01	6.77E-01	5.32E-01
Receptor_789	370192.96	3758860.7	2.75E+00	2.62E+00	1.74E+00	1.71E+00	1.08E+00	1.07E+00	6.90E-01	6.77E-01
Receptor_790	370243.17	3759622.98	3.96E+00	3.56E+00	2.52E+00	2.13E+00	1.06E+00	9.84E-01	6.32E-01	5.86E-01
Receptor_791	370246.2	3754243.12	1.80E+00	1.53E+00	1.16E+00	9.99E-01	9.18E-01	7.33E-01	5.65E-01	4.55E-01
Receptor_792	370290.74	3759464.6	3.76E+00	3.62E+00	2.36E+00	2.29E+00	1.07E+00	1.03E+00	6.41E-01	6.24E-01
Receptor_793	370608.78	3762239.97	2.03E+00	1.59E+00	9.58E-01	7.20E-01	6.04E-01	5.53E-01	2.71E-01	2.38E-01
Receptor_794	370614.8	3762181.53	2.19E+00	1.68E+00	1.00E+00	7.33E-01	6.56E-01	5.95E-01	2.84E-01	2.47E-01
Receptor_795	370625.96	3763759.08	1.27E+00	9.31E-01	7.11E-01	5.18E-01	3.09E-01	2.64E-01	1.60E-01	1.50E-01
Receptor_796	370723.56	3763867.78	1.31E+00	9.51E-01	7.29E-01	5.37E-01	3.08E-01	2.68E-01	1.60E-01	1.53E-01
Receptor_797	370968.58	3759443.63	4.36E+00	3.50E+00	2.50E+00	2.20E+00	1.09E+00	1.07E+00	6.93E-01	6.16E-01
Receptor_798	371139.14	3758179.3	4.15E+00	4.03E+00	2.87E+00	2.61E+00	1.82E+00	1.72E+00	1.23E+00	1.10E+00
Receptor_799	371516.05	3762577.75	1.63E+00	1.46E+00	9.01E-01	8.55E-01	4.28E-01	3.94E-01	2.24E-01	2.21E-01
Receptor_800	371721.4	3759371.61	4.13E+00	3.35E+00	2.53E+00	2.05E+00	1.26E+00	1.06E+00	7.45E-01	6.20E-01
Receptor_801	371973.81	3758892.65	4.31E+00	3.95E+00	2.66E+00	2.46E+00	1.46E+00	1.36E+00	8.97E-01	8.27E-01
Receptor_802	372687.72	3759513.01	3.73E+00	3.50E+00	2.17E+00	2.05E+00	1.58E+00	1.49E+00	8.53E-01	8.16E-01
Receptor_803	372943.49	3761051.66	5.33E+00	4.38E+00	2.86E+00	2.79E+00	1.10E+00	1.04E+00	6.09E-01	5.93E-01
Receptor_804	373546.52	3760907.48	6.15E+00	5.32E+00	3.37E+00	2.63E+00	1.61E+00	1.42E+00	8.71E-01	7.42E-01
Receptor_805	373736.6	3756503.93	1.04E+01	9.32E+00	6.13E+00	5.44E+00	3.87E+00	3.80E+00	2.21E+00	2.13E+00
Receptor_806	373758.2	3758043.23	1.07E+01	9.95E+00	7.11E+00	6.57E+00	5.04E+00	4.64E+00	3.33E+00	3.02E+00
Receptor_807	373781.58	3755802.14	6.30E+00	5.91E+00	3.43E+00	3.24E+00	2.39E+00	2.28E+00	1.26E+00	1.19E+00
Receptor_808	373814.2	3756040.57	6.82E+00	6.59E+00	3.92E+00	3.78E+00	2.92E+00	2.69E+00	1.66E+00	1.53E+00
Receptor_809	373990.06	3753826.14	3.25E+00	2.95E+00	1.70E+00	1.60E+00	1.13E+00	1.11E+00	6.20E-01	6.13E-01
Receptor_810	374057.73	3758196.51	9.13E+00	8.54E+00	5.83E+00	5.40E+00	4.26E+00	4.01E+00	2.69E+00	2.46E+00
Receptor_811	374270.95	3758673.42	4.92E+00	4.81E+00	3.25E+00	3.20E+00	2.16E+00	1.97E+00	1.33E+00	1.30E+00
Receptor_812	374561.05	3757642.94	6.35E+00	6.19E+00	4.17E+00	4.11E+00	3.04E+00	2.96E+00	1.96E+00	1.88E+00
Receptor_813	374688.84	3758984.9	4.49E+00	4.41E+00	2.99E+00	2.88E+00	1.89E+00	1.66E+00	1.13E+00	1.09E+00
Receptor_814	374693.96	3758983.17	4.51E+00	4.39E+00	3.01E+00	2.88E+00	1.89E+00	1.67E+00	1.13E+00	1.09E+00
Receptor_815	374717.46	3762574.39	2.77E+00	2.77E+00	1.82E+00	1.79E+00	5.17E-01	4.56E-01	3.21E-01	2.84E-01
Receptor_816	375503.8	3764537.77	2.22E+00	1.86E+00	1.37E+00	1.09E+00	4.37E-01	4.30E-01	2.66E-01	2.60E-01
Receptor_817	375614.97	3760555.1	4.58E+00	3.55E+00	2.95E+00	2.43E+00	1.18E+00	9.06E-01	6.79E-01	5.34E-01
Receptor_818	375718.04	3758204.95	6.42E+00	6.27E+00	4.41E+00	4.29E+00	2.22E+00	2.19E+00	1.47E+00	1.46E+00
Receptor_819	375902.79	3764940.52	1.27E+00	1.08E+00	7.94E-01	6.40E-01	2.66E-01	2.62E-01	1.50E-01	1.44E-01
Receptor_820	375908.38	3763938.71	2.73E+00	1.79E+00	1.79E+00	1.16E+00	6.47E-01	4.76E-01	4.02E-01	3.06E-01
Receptor_821	375920.66	3762083.39	2.45E+00	2.10E+00	1.62E+00	1.38E+00	6.05E-01	5.71E-01	3.55E-01	3.43E-01
Receptor_822	376709.15	3756388.48	3.01E+00	2.83E+00	1.86E+00	1.76E+00	8.52E-01	8.46E-01	5.14E-01	4.97E-01
Receptor_823	376814.39	3754856.21	2.61E+00	2.52E+00	1.55E+00	1.52E+00	9.77E-01	6.35E-01	5.57E-01	3.69E-01
Receptor_824	377050.15	3761774.29	3.44E+00	2.46E+00	2.24E+00	1.46E+00	9.24E-01	6.98E-01	5.23E-01	3.87E-01
Receptor_825	377052.34	3761911.9	3.23E+00	2.68E+00	2.13E+00	1.62E+00	8.77E-01	6.34E-01	4.97E-01	3.80E-01
Receptor_826	377227.14	3756422.42	3.13E+00	3.12E+00	1.94E+00	1.94E+00	8.94E-01	8.84E-01	5.09E-01	5.05E-01
Receptor_827	377237.88	3763993.21	1.54E+00	1.36E+00	9.92E-01	8.83E-01	3.28E-01	2.78E-01	1.93E-01	1.56E-01
Receptor_828	377313.01	3756205.13	2.41E+00	2.18E+00	1.51E+00	1.37E+00	7.49E-01	7.06E-01	4.36E-01	4.34E-01
Receptor_829	377330.56	3760754.6	4.01E+00	3.22E+00	2.42E+00	1.92E+00	1.05E+00	9.87E-01	5.70E-01	5.04E-01
Receptor_830	377342.37	3764027.27	1.52E+00	1.37E+00	9.67E-01	8.87E-01	3.30E-01	2.80E-01	1.96E-01	1.62E-01
Receptor_831	377388.19	3762578.39	1.96E+00	1.93E+00	1.28E+00	1.23E+00	5.35E-01	4.55E-01	2.94E-01	2.61E-01
Receptor_832	377563.47	3760340.44	4.35E+00	4.34E+00	2.58E+00	2.48E+00	1.47E+00	1.44E+00	7.97E-01	7.31E-01
Receptor_833	377753.42	3759272.76	5.87E+00	4.92E+00	4.00E+00	3.38E+00	1.44E+00	1.36E+00	9.57E-01	8.99E-01
Receptor_834	377839.66	3764649.02	1.37E+00	1.27E+00	8.58E-01	8.18E-01	3.03E-01	2.57E-01	1.81E-01	1.49E-01
Receptor_835	377841.65	3762246.94	2.25E+00	1.65E+00	1.44E+00	1.08E+00	6.32E-01	4.70E-01	3.71E-01	2.61E-01
Receptor_836	377908.39	3762502.03	2.25E+00	1.51E+00	1.46E+00	9.94E-01	5.93E-01	4.27E-01	3.50E-01	2.44E-01
Receptor_837	377916	3755241.12	1.99E+00	1.76E+00	1.20E+00	1.05E+00	6.32E-01	5.71E-01	3.51E-01	3.14E-01
Receptor_838	377924.86	3763642.88	1.60E+00	1.23E+00	1.04E+00	7.82E-01	3.76E-01	3.37E-01	2.26E-01	1.78E-01
Receptor_839	377967.05	3762224.48	2.15E+00	1.70E+00	1.34E+00	1.11E+00	6.34E-01	4.79E-01	3.71E-01	2.67E-01
Receptor_840	378003.52	3753139.05	1.73E+00	1.47E+00	9.95E-01	8.33E-01	3.82E-01	3.79E-01	2.20E-01	2.01E-01
Receptor_841	378022.11	3755897.25	2.95E+00	2.39E+00	1.90E+00	1.54E+00	8.93E-01	7.72E-01	5.22E-01	4.64E-01
Receptor_842	378066.59	3761432.9	2.68E+00	2.28E+00	1.69E+00	1.35E+00	6.91E-01	6.58E-01	4.01E-01	3.60E-01
Receptor_843	378209.66	3764122.39	1.51E+00	1.12E+00	9.91E-01	6.98E-01	3.54E-01	3.05E-01	2.14E-01	1.73E-01
Receptor_844	378212.33	3753511.52	1.76E+00	1.61E+00	1.02E+00	9.38E-01	4.57E-01	3.56E-01	2.52E-01	1.97E-01
Receptor_845	378223.51	3760237.39	4.96E+00	4.91E+00	2.80E+00	2.75E+00	1.82E+00	1.72E+00	9.28E-01	8.15E-01

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_846	378326.9	3764105.95	1.56E+00	1.20E+00	1.02E+00	7.68E-01	3.56E-01	3.16E-01	2.15E-01	1.68E-01
Receptor_847	378366.51	3755075.26	2.11E+00	1.75E+00	1.32E+00	1.09E+00	6.04E-01	4.86E-01	3.67E-01	2.94E-01
Receptor_848	378370.05	3759869.86	4.55E+00	4.27E+00	2.97E+00	2.82E+00	1.48E+00	1.47E+00	9.29E-01	9.25E-01
Receptor_849	378781.96	3760336.17	4.30E+00	4.11E+00	2.45E+00	2.29E+00	1.55E+00	1.53E+00	7.79E-01	7.78E-01
Receptor_850	378862.39	3757229.87	5.04E+00	4.95E+00	3.39E+00	3.39E+00	1.19E+00	9.41E-01	7.86E-01	6.06E-01
Receptor_851	369131.4	3758945.42	3.13E+00	3.04E+00	2.02E+00	1.95E+00	1.23E+00	1.13E+00	7.44E-01	7.10E-01
Receptor_852	370190.78	3758848.26	2.72E+00	2.59E+00	1.72E+00	1.69E+00	1.08E+00	1.07E+00	6.88E-01	6.77E-01
Receptor_853	370747.03	3763937.58	1.30E+00	9.55E-01	7.28E-01	5.40E-01	3.04E-01	2.69E-01	1.58E-01	1.54E-01
Receptor_854	370757.72	3755124.52	3.19E+00	3.18E+00	2.15E+00	2.09E+00	1.57E+00	1.51E+00	1.02E+00	9.70E-01
Receptor_855	370946.7	3758260.69	3.81E+00	3.75E+00	2.75E+00	2.35E+00	1.53E+00	1.50E+00	1.01E+00	9.52E-01
Receptor_856	371368.79	3754218.82	2.61E+00	2.53E+00	1.72E+00	1.67E+00	1.23E+00	1.19E+00	7.77E-01	7.06E-01
Receptor_857	371786.04	3754168.42	2.35E+00	2.04E+00	1.51E+00	1.33E+00	1.20E+00	1.03E+00	7.41E-01	6.41E-01
Receptor_858	373756.25	3761779.11	3.96E+00	3.40E+00	2.31E+00	2.05E+00	9.97E-01	7.05E-01	5.65E-01	3.96E-01
Receptor_859	367047.63	3761097.01	1.04E+00	9.59E-01	6.69E-01	6.00E-01	3.44E-01	3.27E-01	2.12E-01	2.01E-01
Receptor_860	370737.54	3762942.92	1.36E+00	1.35E+00	7.43E-01	6.80E-01	3.77E-01	3.33E-01	1.93E-01	1.64E-01
Receptor_861	371031.93	3758057.86	4.43E+00	3.81E+00	3.07E+00	2.43E+00	1.76E+00	1.73E+00	1.14E+00	1.06E+00
Receptor_862	371034.38	3758338.88	3.86E+00	3.70E+00	2.75E+00	2.34E+00	1.63E+00	1.58E+00	1.09E+00	9.98E-01
Receptor_863	371091.65	3754274.94	2.59E+00	2.13E+00	1.67E+00	1.38E+00	1.10E+00	1.05E+00	6.65E-01	6.56E-01
Receptor_864	371165.78	3758547.83	4.55E+00	4.50E+00	2.89E+00	2.89E+00	1.66E+00	1.46E+00	1.07E+00	9.64E-01
Receptor_865	372241	3757383	1.21E+01	1.15E+01	8.57E+00	8.16E+00	6.52E+00	6.50E+00	4.51E+00	4.49E+00
Receptor_866	372703.01	3761799.64	4.44E+00	4.09E+00	2.70E+00	2.47E+00	8.16E-01	7.96E-01	4.63E-01	4.47E-01
Receptor_867	374194.97	3754806.86	4.21E+00	3.64E+00	2.25E+00	1.91E+00	1.52E+00	1.49E+00	7.72E-01	7.55E-01
Receptor_868	374697.43	3760305.5	4.44E+00	4.18E+00	2.82E+00	2.74E+00	1.53E+00	1.03E+00	9.15E-01	6.19E-01
Receptor_869	375423.74	3758805.14	9.30E+00	8.93E+00	6.12E+00	5.87E+00	4.02E+00	3.92E+00	2.58E+00	2.51E+00
Receptor_870	375433.42	3757541.59	5.09E+00	4.85E+00	3.43E+00	3.27E+00	2.31E+00	2.08E+00	1.53E+00	1.38E+00
Receptor_871	378090.06	3758535.33	5.06E+00	4.93E+00	3.90E+00	3.77E+00	1.67E+00	1.56E+00	1.31E+00	1.23E+00
Receptor_872	367734.03	3758536.57	3.95E+00	3.88E+00	2.56E+00	2.56E+00	1.58E+00	1.57E+00	1.01E+00	9.97E-01
Receptor_873	368069.11	3760165.13	1.31E+00	1.13E+00	8.56E-01	7.16E-01	4.43E-01	4.29E-01	2.75E-01	2.67E-01
Receptor_874	369125.38	3763066.25	1.20E+00	1.09E+00	7.24E-01	6.37E-01	3.21E-01	3.08E-01	1.82E-01	1.55E-01
Receptor_875	369225.45	3764227.42	2.02E+00	1.11E+00	9.69E-01	5.41E-01	4.96E-01	3.83E-01	2.23E-01	1.83E-01
Receptor_876	370236.75	3761140.3	1.58E+00	1.55E+00	9.52E-01	9.28E-01	5.47E-01	5.24E-01	2.99E-01	2.62E-01
Receptor_877	372218.41	3759157.53	4.22E+00	3.18E+00	2.55E+00	1.92E+00	1.30E+00	1.27E+00	7.69E-01	7.61E-01
Receptor_878	372267.44	3762986.25	2.95E+00	2.08E+00	1.88E+00	1.12E+00	5.19E-01	5.00E-01	3.01E-01	2.70E-01
Receptor_879	374498.14	3758643.27	4.72E+00	4.69E+00	3.14E+00	3.11E+00	2.23E+00	2.04E+00	1.47E+00	1.33E+00
Receptor_880	375472.61	3759680.03	4.10E+00	4.04E+00	2.73E+00	2.57E+00	1.59E+00	1.40E+00	9.24E-01	8.54E-01
Receptor_881	375514.38	3757500.61	4.89E+00	4.80E+00	3.28E+00	3.22E+00	2.19E+00	1.94E+00	1.44E+00	1.28E+00
Receptor_882	377395.41	3759189.37	6.26E+00	4.98E+00	4.28E+00	3.44E+00	1.49E+00	1.43E+00	9.98E-01	9.53E-01
Receptor_883	368983.23	3754581.57	1.80E+00	1.44E+00	1.16E+00	9.25E-01	7.65E-01	6.98E-01	5.00E-01	4.44E-01
Receptor_884	369216.41	3758422.45	5.16E+00	4.75E+00	3.18E+00	2.93E+00	1.87E+00	1.87E+00	1.19E+00	1.19E+00
Receptor_885	369532.57	3755391.67	3.32E+00	3.31E+00	2.25E+00	2.24E+00	1.80E+00	1.68E+00	1.20E+00	1.13E+00
Receptor_886	369574.04	3758166.39	4.24E+00	4.08E+00	2.84E+00	2.60E+00	2.60E+00	2.34E+00	1.64E+00	1.45E+00
Receptor_887	369581.37	3758516.07	3.62E+00	3.46E+00	2.28E+00	2.25E+00	1.62E+00	1.53E+00	1.01E+00	9.56E-01
Receptor_888	369830.08	3755394.84	2.90E+00	2.77E+00	1.94E+00	1.84E+00	1.51E+00	1.41E+00	9.97E-01	9.40E-01
Receptor_889	370114.12	3758186.53	3.49E+00	3.29E+00	2.33E+00	2.16E+00	1.58E+00	1.34E+00	1.00E+00	8.34E-01
Receptor_890	371021.69	3757820.6	5.61E+00	4.82E+00	4.06E+00	3.46E+00	1.98E+00	1.97E+00	1.34E+00	1.33E+00
Receptor_891	371641	3756983	1.31E+01	1.19E+01	9.66E+00	8.72E+00	5.91E+00	5.75E+00	4.22E+00	4.14E+00
Receptor_892	371741	3756983	1.26E+01	1.14E+01	9.20E+00	8.34E+00	5.79E+00	5.59E+00	4.14E+00	3.94E+00
Receptor_893	371841	3756983	1.27E+01	1.18E+01	9.30E+00	8.61E+00	5.56E+00	5.51E+00	3.91E+00	3.88E+00
Receptor_894	371941	3756983	1.09E+01	1.09E+01	8.04E+00	7.88E+00	5.49E+00	5.24E+00	3.84E+00	3.77E+00
Receptor_895	371941	3757683	6.30E+00	5.98E+00	4.43E+00	4.27E+00	3.47E+00	3.27E+00	2.28E+00	2.21E+00
Receptor_896	372041	3756983	1.13E+01	1.03E+01	7.93E+00	7.41E+00	5.43E+00	5.37E+00	3.80E+00	3.75E+00
Receptor_897	372141	3756983	1.20E+01	1.05E+01	8.39E+00	7.28E+00	5.60E+00	5.52E+00	3.90E+00	3.86E+00
Receptor_898	372241	3756983	1.27E+01	1.08E+01	8.78E+00	7.40E+00	5.81E+00	5.68E+00	4.00E+00	3.96E+00
Receptor_899	372341	3756983	1.36E+01	1.19E+01	9.29E+00	8.07E+00	6.17E+00	6.06E+00	4.18E+00	4.18E+00
Receptor_900	372441	3756983	1.45E+01	1.30E+01	9.84E+00	8.80E+00	6.99E+00	6.95E+00	4.71E+00	4.64E+00
Receptor_901	372541	3756983	1.61E+01	1.49E+01	1.07E+01	9.89E+00	8.49E+00	8.47E+00	5.57E+00	5.50E+00
Receptor_902	372641	3756983	1.54E+01	1.49E+01	1.00E+01	9.93E+00	9.00E+00	8.22E+00	5.97E+00	5.46E+00
Receptor_903	373241	3756983	1.90E+01	1.86E+01	1.23E+01	1.20E+01	8.57E+00	8.08E+00	5.46E+00	5.39E+00
Receptor_904	373341	3756983	1.98E+01	1.83E+01	1.25E+01	1.13E+01	9.91E+00	9.54E+00	5.72E+00	5.63E+00
Receptor_905	373441	3756983	2.15E+01	1.96E+01	1.25E+01	1.13E+01	1.03E+01	1.02E+01	6.00E+00	5.79E+00
Receptor_906	373441	3757583	1.79E+01	1.78E+01	1.09E+01	1.08E+01	8.52E+00	8.20E+00	5.22E+00	5.13E+00
Receptor_907	373441	3757683	2.23E+01	2.17E+01	1.35E+01	1.30E+01	1.04E+01	1.04E+01	6.29E+00	6.11E+00
Receptor_908	373441	3757783	2.62E+01	2.54E+01	1.72E+01	1.66E+01	1.50E+01	1.42E+01	9.54E+00	8.92E+00
Receptor_909	373441	3757883	2.16E+01	2.12E+01	1.45E+01	1.41E+01	1.19E+01	1.19E+01	7.70E+00	7.65E+00
Receptor_910	373441	3757983	2.03E+01	2.03E+01	1.30E+01	1.29E+01	1.13E+01	1.08E+01	7.33E+00	6.94E+00

**Operational Concentrations**  
**8/10/2016**  
**Carbon Monoxide (CO)**

**Project Compared to Future Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_911	373541	3756983	2.17E+01	2.09E+01	1.29E+01	1.23E+01	1.19E+01	1.05E+01	7.04E+00	6.14E+00
Receptor_912	373541	3757083	2.32E+01	2.29E+01	1.44E+01	1.42E+01	1.18E+01	1.16E+01	7.13E+00	7.04E+00
Receptor_913	373541	3757183	3.79E+01	3.38E+01	2.47E+01	2.20E+01	1.58E+01	1.51E+01	1.00E+01	9.60E+00
Receptor_914	373541	3757283	2.63E+01	2.53E+01	1.70E+01	1.63E+01	1.26E+01	1.21E+01	7.97E+00	7.70E+00
Receptor_915	373541	3757383	1.54E+01	1.54E+01	9.94E+00	9.79E+00	8.79E+00	8.72E+00	5.55E+00	5.43E+00
Receptor_916	373541	3757483	1.36E+01	1.36E+01	8.77E+00	8.75E+00	7.73E+00	7.63E+00	4.79E+00	4.73E+00
Receptor_917	373541	3757583	1.30E+01	1.24E+01	8.44E+00	8.00E+00	7.26E+00	7.12E+00	4.49E+00	4.43E+00
Receptor_918	373541	3757683	1.28E+01	1.26E+01	8.10E+00	7.95E+00	7.43E+00	7.27E+00	4.47E+00	4.39E+00
Receptor_919	366900	3759500	1.39E+00	1.08E+00	8.89E-01	6.82E-01	3.93E-01	3.79E-01	2.39E-01	2.27E-01
Receptor_920	367900	3759500	1.35E+00	1.13E+00	8.47E-01	7.17E-01	4.31E-01	4.25E-01	2.62E-01	2.61E-01

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_1	366363.62	3757753.1	7.03E+00	6.64E+00	4.84E+00	4.50E+00	4.72E+00	4.61E+00	3.45E+00	3.35E+00
Receptor_2	369385.71	3758351.85	1.83E+01	1.51E+01	1.01E+01	8.01E+00	6.87E+00	6.60E+00	4.49E+00	4.47E+00
Receptor_3	369388.19	3758584.61	1.71E+01	1.48E+01	8.41E+00	7.16E+00	7.18E+00	7.05E+00	4.66E+00	4.66E+00
Receptor_4	371727.3	3758286.14	1.18E+01	1.09E+01	7.73E+00	6.92E+00	6.65E+00	6.34E+00	4.43E+00	4.34E+00
Receptor_5	371973.18	3757657.97	1.69E+01	1.57E+01	1.03E+01	1.00E+01	7.58E+00	7.20E+00	5.31E+00	4.84E+00
Receptor_6	372028.99	3757658.28	1.41E+01	1.40E+01	8.99E+00	8.92E+00	7.12E+00	7.07E+00	4.86E+00	4.75E+00
Receptor_7	372057.72	3757303.44	1.32E+01	1.22E+01	7.26E+00	6.96E+00	6.15E+00	5.49E+00	4.13E+00	3.88E+00
Receptor_8	372058.94	3757365.68	1.02E+01	1.00E+01	6.57E+00	6.46E+00	5.50E+00	5.12E+00	3.85E+00	3.64E+00
Receptor_9	372114.76	3757419.38	9.90E+00	9.45E+00	6.40E+00	6.19E+00	5.04E+00	4.73E+00	3.63E+00	3.39E+00
Receptor_10	372149.51	3757302.81	9.31E+00	9.04E+00	5.52E+00	5.49E+00	4.77E+00	4.45E+00	3.43E+00	3.24E+00
Receptor_11	366675.72	3757743.67	9.67E+00	9.26E+00	5.62E+00	5.06E+00	4.53E+00	4.17E+00	3.31E+00	3.18E+00
Receptor_12	367105.41	3757963.83	8.77E+00	7.48E+00	5.55E+00	4.44E+00	4.34E+00	4.05E+00	3.26E+00	3.11E+00
Receptor_13	367221.3	3757911.68	8.65E+00	8.00E+00	5.32E+00	4.59E+00	3.90E+00	3.86E+00	3.07E+00	3.02E+00
Receptor_14	367346.43	3757955.57	8.52E+00	8.04E+00	5.08E+00	4.90E+00	3.82E+00	3.71E+00	2.99E+00	2.98E+00
Receptor_15	367457.41	3758010.28	9.52E+00	8.25E+00	5.67E+00	4.71E+00	3.84E+00	3.65E+00	2.93E+00	2.89E+00
Receptor_16	367730.93	3758222.91	1.19E+01	1.04E+01	6.98E+00	5.76E+00	4.17E+00	3.63E+00	2.91E+00	2.91E+00
Receptor_17	367995.3	3758074.68	9.65E+00	8.99E+00	6.82E+00	5.92E+00	6.72E+00	6.50E+00	4.58E+00	4.35E+00
Receptor_18	369154.15	3758166.98	1.67E+01	1.37E+01	9.04E+00	7.27E+00	7.24E+00	7.02E+00	4.88E+00	4.64E+00
Receptor_19	369214.54	3758209.64	1.49E+01	1.48E+01	7.58E+00	7.52E+00	7.31E+00	7.19E+00	4.85E+00	4.76E+00
Receptor_20	369279.67	3758015.34	1.22E+01	1.16E+01	7.64E+00	7.06E+00	7.14E+00	7.02E+00	4.67E+00	4.64E+00
Receptor_21	369788.09	3758340.35	3.35E+01	3.27E+01	2.02E+01	2.01E+01	1.19E+01	1.16E+01	7.92E+00	7.46E+00
Receptor_22	369790.55	3758580.31	1.76E+01	1.66E+01	9.23E+00	9.05E+00	8.09E+00	7.41E+00	5.23E+00	4.87E+00
Receptor_23	371537.21	3756959.02	1.24E+01	1.23E+01	7.58E+00	7.54E+00	6.53E+00	6.35E+00	4.47E+00	4.30E+00
Receptor_24	371736.26	3757371.88	1.14E+01	1.14E+01	7.38E+00	7.28E+00	5.86E+00	5.53E+00	4.10E+00	3.86E+00
Receptor_25	371795.72	3757393.54	1.10E+01	1.06E+01	6.64E+00	6.35E+00	5.36E+00	5.21E+00	3.76E+00	3.58E+00
Receptor_26	371925.68	3757658.96	1.10E+01	1.07E+01	6.40E+00	5.72E+00	5.09E+00	4.95E+00	3.60E+00	3.42E+00
Receptor_27	367720.95	3757929.47	9.74E+00	9.62E+00	6.11E+00	5.21E+00	4.86E+00	4.50E+00	3.53E+00	3.34E+00
Receptor_28	366410.42	3757645.39	1.00E+01	9.97E+00	5.93E+00	5.42E+00	4.36E+00	4.32E+00	3.32E+00	3.25E+00
Receptor_29	366412.06	3757743.84	1.00E+01	9.11E+00	5.95E+00	5.52E+00	4.46E+00	4.23E+00	3.27E+00	3.22E+00
Receptor_30	366449.1	3757556.84	1.24E+01	1.08E+01	7.26E+00	6.04E+00	4.76E+00	3.98E+00	3.23E+00	3.13E+00
Receptor_31	366471.13	3757711.22	1.11E+01	9.99E+00	6.50E+00	6.29E+00	4.48E+00	3.86E+00	3.09E+00	3.07E+00
Receptor_32	366487.79	3757468.29	1.04E+01	9.30E+00	6.01E+00	5.38E+00	4.11E+00	3.71E+00	2.96E+00	2.92E+00
Receptor_33	366526.47	3757379.74	1.01E+01	8.75E+00	6.30E+00	5.51E+00	6.37E+00	6.03E+00	4.29E+00	4.12E+00
Receptor_34	366543.32	3757684.41	1.47E+01	1.24E+01	8.05E+00	7.02E+00	7.12E+00	7.09E+00	4.81E+00	4.78E+00
Receptor_35	366565.16	3757291.19	1.72E+01	1.61E+01	8.90E+00	8.41E+00	7.95E+00	7.37E+00	5.21E+00	4.86E+00
Receptor_36	366572.51	3757755.35	1.55E+01	1.47E+01	9.62E+00	8.87E+00	9.14E+00	8.89E+00	5.79E+00	5.77E+00
Receptor_37	366603.85	3757202.64	5.50E+01	5.29E+01	3.36E+01	3.23E+01	2.67E+01	2.57E+01	1.66E+01	1.61E+01
Receptor_38	366629.35	3757738.18	1.78E+01	1.75E+01	1.04E+01	9.94E+00	8.86E+00	8.11E+00	5.81E+00	5.45E+00
Receptor_39	366642.53	3757114.09	1.43E+01	1.43E+01	9.05E+00	8.88E+00	7.28E+00	7.26E+00	4.88E+00	4.86E+00
Receptor_40	366681.22	3757025.54	1.35E+01	1.30E+01	8.19E+00	8.01E+00	6.88E+00	6.42E+00	4.51E+00	4.41E+00
Receptor_41	366700.77	3757739.37	1.29E+01	1.22E+01	7.66E+00	6.86E+00	6.39E+00	5.98E+00	4.26E+00	4.08E+00
Receptor_42	366719.91	3756936.99	1.26E+01	1.16E+01	6.94E+00	6.71E+00	5.76E+00	5.72E+00	3.97E+00	3.89E+00
Receptor_43	366758.59	3756848.44	1.24E+01	1.18E+01	7.06E+00	6.81E+00	5.44E+00	5.28E+00	3.76E+00	3.72E+00
Receptor_44	366780.64	3757782.9	1.37E+01	1.16E+01	7.87E+00	6.39E+00	5.52E+00	4.80E+00	3.64E+00	3.61E+00
Receptor_45	366797.28	3756759.89	1.75E+01	1.72E+01	1.00E+01	9.59E+00	6.74E+00	5.24E+00	4.40E+00	3.85E+00
Receptor_46	366835.96	3756671.34	1.72E+01	1.42E+01	8.96E+00	7.93E+00	5.57E+00	4.91E+00	3.71E+00	3.37E+00
Receptor_47	366869.69	3757831.79	1.10E+01	1.06E+01	6.45E+00	6.25E+00	5.00E+00	4.04E+00	3.38E+00	3.10E+00
Receptor_48	366874.65	3756582.79	1.09E+01	9.10E+00	5.64E+00	5.52E+00	4.53E+00	3.58E+00	3.18E+00	2.92E+00
Receptor_49	366900	3756500	9.92E+00	8.64E+00	5.77E+00	5.56E+00	6.66E+00	6.20E+00	4.43E+00	4.34E+00
Receptor_50	366913.34	3756494.23	1.29E+01	1.23E+01	7.67E+00	7.42E+00	7.47E+00	7.42E+00	4.96E+00	4.95E+00
Receptor_51	366921.75	3757860.58	1.96E+01	1.75E+01	1.08E+01	9.84E+00	1.07E+01	1.04E+01	6.56E+00	6.46E+00
Receptor_52	366952.02	3756405.68	2.10E+01	1.86E+01	1.10E+01	9.86E+00	9.43E+00	9.07E+00	6.09E+00	5.64E+00
Receptor_53	366982.97	3757895	1.81E+01	1.69E+01	1.11E+01	1.08E+01	1.02E+01	9.92E+00	6.49E+00	6.49E+00
Receptor_54	366990.71	3756317.13	6.04E+01	6.03E+01	3.64E+01	3.42E+01	2.96E+01	2.93E+01	1.80E+01	1.76E+01
Receptor_55	367029.39	3756228.58	2.11E+01	1.81E+01	1.24E+01	1.11E+01	9.87E+00	9.66E+00	6.30E+00	6.18E+00
Receptor_56	367044.19	3757929.41	1.67E+01	1.65E+01	1.04E+01	9.67E+00	8.73E+00	7.88E+00	5.50E+00	5.21E+00
Receptor_57	367068.08	3756140.03	1.57E+01	1.49E+01	8.88E+00	7.97E+00	7.60E+00	7.02E+00	4.91E+00	4.48E+00
Receptor_58	367106.77	3756051.48	1.72E+01	1.48E+01	8.66E+00	8.07E+00	7.42E+00	7.14E+00	4.77E+00	4.40E+00
Receptor_59	367145.45	3755962.93	1.64E+01	1.38E+01	8.82E+00	8.23E+00	6.93E+00	6.51E+00	4.56E+00	4.20E+00
Receptor_60	367163.35	3757937.75	1.95E+01	1.80E+01	1.07E+01	9.63E+00	7.46E+00	5.94E+00	4.59E+00	4.09E+00
Receptor_61	367184.14	3755874.38	1.66E+01	1.63E+01	9.21E+00	9.13E+00	7.02E+00	5.96E+00	4.50E+00	3.98E+00
Receptor_62	367222.83	3755785.83	2.20E+01	1.83E+01	1.16E+01	1.12E+01	7.77E+00	7.01E+00	5.03E+00	4.18E+00
Receptor_63	367261.51	3755697.28	1.61E+01	1.55E+01	8.39E+00	7.63E+00	6.43E+00	5.49E+00	4.21E+00	3.62E+00
Receptor_64	367284.84	3757912.25	1.39E+01	1.16E+01	6.94E+00	6.57E+00	5.58E+00	5.00E+00	3.80E+00	3.32E+00
Receptor_65	367300.2	3755608.73	1.08E+01	9.38E+00	5.75E+00	5.48E+00	5.03E+00	4.66E+00	3.45E+00	3.16E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_66	367338.88	3755520.18	1.68E+01	1.30E+01	7.95E+00	7.33E+00	8.08E+00	8.07E+00	5.19E+00	5.11E+00
Receptor_67	367348.39	3757912.82	1.34E+01	1.21E+01	7.33E+00	7.03E+00	8.52E+00	8.13E+00	5.46E+00	5.26E+00
Receptor_68	367377.57	3755431.63	2.00E+01	1.87E+01	1.02E+01	1.01E+01	1.17E+01	1.15E+01	7.21E+00	7.13E+00
Receptor_69	367401.92	3757982.92	2.50E+01	2.27E+01	1.33E+01	1.15E+01	1.13E+01	1.13E+01	7.04E+00	6.88E+00
Receptor_70	367464.88	3755430.72	2.45E+01	2.41E+01	1.45E+01	1.27E+01	1.19E+01	1.18E+01	7.72E+00	7.51E+00
Receptor_71	367498.6	3757937.52	1.02E+02	9.46E+01	6.03E+01	5.64E+01	4.39E+01	4.15E+01	2.60E+01	2.51E+01
Receptor_72	367539.8	3757864.76	2.38E+01	2.27E+01	1.35E+01	1.34E+01	1.21E+01	1.12E+01	7.14E+00	6.96E+00
Receptor_73	367552.2	3755429.8	2.17E+01	2.00E+01	1.11E+01	1.10E+01	1.03E+01	1.01E+01	6.35E+00	5.89E+00
Receptor_74	367596.95	3757879.64	2.07E+01	1.89E+01	1.08E+01	1.05E+01	1.03E+01	1.02E+01	6.08E+00	6.08E+00
Receptor_75	367628.79	3757855.59	2.89E+01	2.67E+01	1.52E+01	1.42E+01	1.13E+01	1.10E+01	6.84E+00	6.62E+00
Receptor_76	367639.51	3755428.89	2.58E+01	2.40E+01	1.39E+01	1.37E+01	1.22E+01	9.59E+00	7.26E+00	6.03E+00
Receptor_77	367696.39	3757845.44	4.18E+01	3.13E+01	2.00E+01	1.96E+01	1.19E+01	1.18E+01	7.28E+00	6.74E+00
Receptor_78	367700.81	3758169.46	3.06E+01	3.03E+01	1.79E+01	1.53E+01	1.02E+01	9.56E+00	6.42E+00	5.88E+00
Receptor_79	367707.57	3757896.37	3.09E+01	2.97E+01	1.65E+01	1.59E+01	1.14E+01	1.10E+01	7.60E+00	7.08E+00
Receptor_80	367726.83	3755427.97	2.27E+01	2.24E+01	1.17E+01	1.15E+01	8.25E+00	7.13E+00	5.16E+00	4.45E+00
Receptor_81	367734.79	3758105.67	1.63E+01	1.63E+01	8.91E+00	8.28E+00	6.60E+00	5.94E+00	4.15E+00	3.91E+00
Receptor_82	367743.72	3758010.21	1.32E+01	1.29E+01	7.40E+00	6.90E+00	5.51E+00	5.19E+00	3.63E+00	3.47E+00
Receptor_83	367785.33	3758200.53	1.28E+01	1.20E+01	6.70E+00	6.60E+00	6.88E+00	6.63E+00	4.49E+00	4.38E+00
Receptor_84	367814.14	3755427.06	2.10E+01	2.06E+01	1.05E+01	1.01E+01	1.07E+01	1.06E+01	6.41E+00	6.32E+00
Receptor_85	367830.31	3758150.13	2.92E+01	2.61E+01	1.40E+01	1.40E+01	1.37E+01	1.34E+01	8.36E+00	8.12E+00
Receptor_86	367839.73	3758178.15	2.88E+01	2.42E+01	1.38E+01	1.35E+01	1.45E+01	1.42E+01	8.38E+00	8.23E+00
Receptor_87	367874.18	3755433.41	4.11E+01	3.79E+01	1.95E+01	1.77E+01	1.78E+01	1.70E+01	9.31E+00	9.27E+00
Receptor_88	367912.8	3758112.41	4.51E+01	3.43E+01	2.02E+01	1.88E+01	2.07E+01	1.89E+01	1.14E+01	1.10E+01
Receptor_89	367934.21	3755439.76	5.60E+01	5.31E+01	3.08E+01	2.95E+01	3.30E+01	3.22E+01	1.73E+01	1.73E+01
Receptor_90	368001.74	3755450.16	3.29E+01	3.26E+01	1.80E+01	1.68E+01	1.81E+01	1.66E+01	9.44E+00	9.17E+00
Receptor_91	368067.33	3758044.68	3.17E+01	2.86E+01	1.55E+01	1.51E+01	1.62E+01	1.54E+01	7.74E+00	7.74E+00
Receptor_92	368069.28	3755460.56	3.96E+01	3.81E+01	1.62E+01	1.59E+01	2.06E+01	2.02E+01	1.13E+01	1.12E+01
Receptor_93	368136.81	3755470.96	2.40E+01	2.33E+01	1.46E+01	1.38E+01	1.49E+01	1.48E+01	9.34E+00	9.28E+00
Receptor_94	368139.37	3758014.68	4.23E+01	3.99E+01	2.49E+01	2.38E+01	1.80E+01	1.74E+01	1.14E+01	1.08E+01
Receptor_95	368217.94	3755478.99	4.24E+01	3.62E+01	2.22E+01	2.17E+01	1.84E+01	1.80E+01	1.09E+01	1.01E+01
Receptor_96	368226.2	3757984.68	1.35E+02	1.31E+02	8.05E+01	7.84E+01	6.38E+01	6.01E+01	3.84E+01	3.61E+01
Receptor_97	368310.2	3755477.83	1.13E+02	1.08E+02	5.51E+01	5.33E+01	5.42E+01	5.19E+01	2.62E+01	2.57E+01
Receptor_98	368312.17	3757967.29	6.74E+01	6.66E+01	3.24E+01	3.17E+01	2.75E+01	2.69E+01	1.30E+01	1.27E+01
Receptor_99	368386.06	3757966.42	3.25E+01	3.21E+01	1.67E+01	1.58E+01	1.16E+01	1.10E+01	6.14E+00	5.83E+00
Receptor_100	368402.45	3755476.67	2.38E+01	2.30E+01	1.26E+01	1.21E+01	8.85E+00	8.84E+00	5.98E+00	5.34E+00
Receptor_101	368459.96	3757965.55	6.72E+01	6.16E+01	3.91E+01	3.58E+01	3.65E+01	3.63E+01	2.16E+01	2.16E+01
Receptor_102	368494.71	3755475.51	2.71E+01	2.61E+01	1.70E+01	1.56E+01	1.69E+01	1.67E+01	9.68E+00	9.45E+00
Receptor_103	368533.85	3757964.68	3.03E+01	2.95E+01	1.30E+01	1.25E+01	1.67E+01	1.65E+01	8.65E+00	8.12E+00
Receptor_104	368533.98	3757935.39	2.33E+01	2.31E+01	9.97E+00	9.34E+00	1.24E+01	1.21E+01	6.64E+00	6.50E+00
Receptor_105	368586.97	3755474.35	2.13E+01	1.87E+01	8.80E+00	8.71E+00	1.08E+01	1.04E+01	5.93E+00	5.70E+00
Receptor_106	368594.27	3757948.47	2.95E+01	2.85E+01	1.29E+01	1.17E+01	1.21E+01	1.11E+01	5.86E+00	5.74E+00
Receptor_107	368657.87	3757978.44	2.56E+01	2.17E+01	1.10E+01	9.36E+00	9.31E+00	8.66E+00	5.57E+00	4.58E+00
Receptor_108	368679.22	3755473.19	2.34E+01	2.20E+01	1.05E+01	1.04E+01	9.80E+00	8.82E+00	6.28E+00	5.27E+00
Receptor_109	368710.99	3758011.46	2.01E+01	1.89E+01	1.10E+01	1.06E+01	9.81E+00	8.50E+00	6.25E+00	5.25E+00
Receptor_110	368748.06	3758034.51	1.45E+01	1.38E+01	9.26E+00	8.63E+00	8.30E+00	7.24E+00	5.42E+00	4.89E+00
Receptor_111	368771.48	3755472.04	1.33E+01	1.20E+01	8.49E+00	7.76E+00	6.88E+00	6.64E+00	4.65E+00	4.63E+00
Receptor_112	368806.72	3758070.98	1.18E+01	1.14E+01	7.27E+00	7.13E+00	6.13E+00	5.99E+00	4.27E+00	4.06E+00
Receptor_113	368863.73	3755470.88	1.59E+01	1.30E+01	7.17E+00	7.12E+00	7.33E+00	6.51E+00	4.43E+00	4.37E+00
Receptor_114	368865.39	3758107.46	1.53E+02	1.52E+02	8.95E+01	7.16E+01	8.42E+01	8.30E+01	4.23E+01	4.19E+01
Receptor_115	368931.37	3758150.49	1.07E+02	1.04E+02	5.61E+01	5.52E+01	5.12E+01	4.87E+01	2.90E+01	2.90E+01
Receptor_116	368955.99	3755469.72	1.06E+02	1.04E+02	6.69E+01	6.47E+01	6.13E+01	6.00E+01	3.96E+01	3.82E+01
Receptor_117	368974.29	3758177.61	5.82E+01	5.65E+01	3.51E+01	3.45E+01	2.77E+01	2.73E+01	1.78E+01	1.76E+01
Receptor_118	368992.63	3758138.09	4.15E+01	4.00E+01	2.45E+01	2.40E+01	1.93E+01	1.91E+01	1.26E+01	1.20E+01
Receptor_119	369011.06	3758086.77	3.14E+01	3.01E+01	1.84E+01	1.80E+01	1.53E+01	1.53E+01	1.00E+01	9.47E+00
Receptor_120	369048.25	3755468.56	4.87E+01	4.64E+01	2.77E+01	2.68E+01	1.86E+01	1.66E+01	1.17E+01	1.00E+01
Receptor_121	369097.31	3758131.13	4.35E+01	4.03E+01	2.47E+01	2.31E+01	1.72E+01	1.41E+01	1.03E+01	8.56E+00
Receptor_122	369140.5	3755467.4	3.89E+01	3.62E+01	2.19E+01	2.01E+01	1.42E+01	1.30E+01	8.97E+00	7.74E+00
Receptor_123	369216.91	3758091.16	2.92E+01	2.88E+01	1.69E+01	1.64E+01	1.26E+01	1.20E+01	8.09E+00	7.40E+00
Receptor_124	369232.76	3755466.24	2.26E+01	2.26E+01	1.36E+01	1.33E+01	1.12E+01	1.06E+01	7.45E+00	6.53E+00
Receptor_125	369267.76	3758146.04	1.76E+01	1.67E+01	1.06E+01	1.03E+01	8.20E+00	7.47E+00	5.62E+00	4.57E+00
Receptor_126	369271.6	3758257.04	1.36E+01	1.27E+01	8.18E+00	7.87E+00	6.82E+00	5.68E+00	4.76E+00	3.63E+00
Receptor_127	369323.2	3758086.63	1.09E+01	1.01E+01	6.47E+00	6.26E+00	5.90E+00	4.93E+00	4.22E+00	3.51E+00
Receptor_128	369328.65	3758304.45	2.03E+01	2.01E+01	9.09E+00	8.88E+00	9.46E+00	8.88E+00	5.77E+00	5.30E+00
Receptor_129	369329.84	3755464.79	1.72E+01	1.64E+01	9.23E+00	8.33E+00	8.49E+00	8.14E+00	5.30E+00	5.05E+00
Receptor_130	369342.43	3757939.52	3.21E+01	2.75E+01	1.57E+01	1.50E+01	1.51E+01	1.37E+01	8.20E+00	8.18E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_131	369386.54	3758429.44	5.18E+01	4.91E+01	2.82E+01	2.54E+01	2.36E+01	2.30E+01	1.42E+01	1.39E+01
Receptor_132	369387.36	3758507.02	3.50E+01	3.16E+01	1.94E+01	1.91E+01	1.83E+01	1.73E+01	1.08E+01	1.07E+01
Receptor_133	369409.11	3758008.6	5.49E+01	5.41E+01	3.56E+01	3.46E+01	2.42E+01	2.35E+01	1.64E+01	1.58E+01
Receptor_134	369426.92	3755463.35	2.70E+01	2.55E+01	1.52E+01	1.47E+01	1.42E+01	1.38E+01	9.14E+00	9.00E+00
Receptor_135	369468.66	3758583.75	2.66E+01	2.55E+01	1.55E+01	1.46E+01	1.29E+01	1.18E+01	8.31E+00	8.20E+00
Receptor_136	369524	3755461.9	2.57E+01	2.48E+01	1.42E+01	1.40E+01	1.15E+01	1.12E+01	7.35E+00	7.29E+00
Receptor_137	369549.13	3758582.89	3.37E+01	2.95E+01	1.60E+01	1.37E+01	1.05E+01	1.00E+01	6.55E+00	5.92E+00
Receptor_138	369621.08	3755460.45	2.90E+01	2.54E+01	1.57E+01	1.35E+01	9.46E+00	8.96E+00	6.16E+00	5.48E+00
Receptor_139	369629.61	3758582.03	2.19E+01	2.06E+01	1.32E+01	1.17E+01	9.19E+00	8.60E+00	5.98E+00	5.48E+00
Receptor_140	369710.08	3758581.17	1.80E+01	1.69E+01	1.05E+01	1.04E+01	8.37E+00	8.16E+00	5.50E+00	5.06E+00
Receptor_141	369718.16	3755459	1.50E+01	1.41E+01	9.17E+00	8.90E+00	8.45E+00	7.73E+00	5.48E+00	5.30E+00
Receptor_142	369787.02	3758286.68	1.33E+01	1.28E+01	7.69E+00	7.58E+00	7.14E+00	6.89E+00	4.84E+00	4.68E+00
Receptor_143	369788.19	3758398.38	1.20E+01	1.07E+01	6.48E+00	6.30E+00	5.92E+00	5.66E+00	4.20E+00	3.90E+00
Receptor_144	369789.37	3758489.35	9.99E+00	9.82E+00	5.70E+00	5.69E+00	5.43E+00	5.19E+00	4.00E+00	3.64E+00
Receptor_145	369815.24	3755457.56	1.08E+01	1.07E+01	7.28E+00	6.16E+00	5.90E+00	5.74E+00	4.19E+00	4.10E+00
Receptor_146	369882.84	3758285.07	1.28E+01	1.25E+01	7.96E+00	7.44E+00	6.92E+00	6.68E+00	4.76E+00	4.74E+00
Receptor_147	369912.32	3755456.11	2.49E+01	2.36E+01	1.49E+01	1.39E+01	1.01E+01	1.01E+01	6.82E+00	6.28E+00
Receptor_148	369978.66	3758283.45	3.65E+01	2.74E+01	1.60E+01	1.57E+01	1.29E+01	1.27E+01	8.31E+00	8.26E+00
Receptor_149	370009.4	3755454.66	2.88E+01	2.57E+01	1.63E+01	1.28E+01	9.89E+00	9.52E+00	6.46E+00	6.12E+00
Receptor_150	370056.44	3758282.14	2.57E+01	2.51E+01	1.56E+01	1.56E+01	1.18E+01	1.15E+01	7.14E+00	7.07E+00
Receptor_151	370106.48	3755453.21	3.36E+01	3.15E+01	1.82E+01	1.69E+01	1.63E+01	1.34E+01	9.71E+00	8.61E+00
Receptor_152	370130.9	3758282.44	3.71E+01	2.83E+01	2.27E+01	1.75E+01	1.41E+01	1.37E+01	8.98E+00	8.77E+00
Receptor_153	370203.56	3755451.77	4.91E+01	4.52E+01	3.05E+01	2.81E+01	2.53E+01	2.51E+01	1.55E+01	1.53E+01
Receptor_154	370226.81	3758159.47	2.79E+01	2.59E+01	1.69E+01	1.61E+01	1.33E+01	1.30E+01	8.52E+00	8.15E+00
Receptor_155	370227.55	3758221.46	2.76E+01	2.62E+01	1.68E+01	1.56E+01	1.27E+01	1.22E+01	8.02E+00	7.94E+00
Receptor_156	370228.3	3758283.44	2.65E+01	2.44E+01	1.46E+01	1.44E+01	1.10E+01	9.23E+00	6.98E+00	6.15E+00
Receptor_157	370253.14	3758168.84	2.40E+01	2.38E+01	1.35E+01	1.26E+01	9.60E+00	8.36E+00	5.94E+00	5.92E+00
Receptor_158	370300.64	3755450.32	2.26E+01	2.10E+01	1.22E+01	1.17E+01	9.41E+00	7.71E+00	5.83E+00	5.61E+00
Receptor_159	370308.97	3758176.51	1.91E+01	1.75E+01	1.07E+01	1.05E+01	8.57E+00	7.34E+00	5.51E+00	5.30E+00
Receptor_160	370356.87	3758202.23	1.49E+01	1.42E+01	8.89E+00	8.83E+00	7.26E+00	7.06E+00	5.04E+00	5.02E+00
Receptor_161	370397.72	3755448.87	1.30E+01	1.30E+01	8.04E+00	7.86E+00	7.60E+00	7.53E+00	5.20E+00	5.11E+00
Receptor_162	370404.21	3758225.88	1.29E+01	1.27E+01	7.65E+00	7.38E+00	7.19E+00	6.62E+00	4.94E+00	4.75E+00
Receptor_163	370422.64	3758284.19	1.18E+01	1.10E+01	6.81E+00	6.58E+00	6.29E+00	5.57E+00	4.29E+00	4.09E+00
Receptor_164	370442.78	3758228.43	1.11E+01	9.92E+00	6.49E+00	6.02E+00	5.57E+00	4.96E+00	3.89E+00	3.67E+00
Receptor_165	370465.02	3755455.18	1.03E+01	1.01E+01	7.07E+00	6.43E+00	5.73E+00	5.30E+00	4.29E+00	4.04E+00
Receptor_166	370522.53	3758282.84	1.18E+01	1.07E+01	7.25E+00	6.77E+00	6.29E+00	5.89E+00	4.68E+00	4.40E+00
Receptor_167	370558.15	3755458.94	1.89E+01	1.56E+01	1.01E+01	9.12E+00	8.59E+00	8.13E+00	5.78E+00	5.48E+00
Receptor_168	370622.42	3758281.49	1.49E+01	1.36E+01	8.60E+00	7.13E+00	7.03E+00	6.90E+00	5.00E+00	4.93E+00
Receptor_169	370624.63	3755467.51	1.64E+01	1.64E+01	1.00E+01	9.18E+00	7.75E+00	7.27E+00	5.20E+00	5.16E+00
Receptor_170	370691.11	3755476.08	2.65E+01	2.41E+01	1.38E+01	1.34E+01	9.96E+00	9.41E+00	6.39E+00	6.12E+00
Receptor_171	370722.31	3758280.14	3.28E+01	3.17E+01	2.00E+01	1.93E+01	1.66E+01	1.42E+01	1.01E+01	9.02E+00
Receptor_172	370757.38	3755493.32	3.49E+01	3.21E+01	2.07E+01	1.92E+01	1.77E+01	1.76E+01	1.11E+01	1.11E+01
Receptor_173	370792.87	3757995.38	5.35E+01	4.84E+01	3.25E+01	2.96E+01	1.85E+01	1.69E+01	1.17E+01	1.07E+01
Receptor_174	370797.01	3758107.02	1.84E+01	1.75E+01	1.17E+01	1.12E+01	9.55E+00	8.90E+00	6.03E+00	5.97E+00
Receptor_175	370798.36	3758194.12	2.33E+01	2.21E+01	1.33E+01	1.22E+01	1.02E+01	9.63E+00	6.60E+00	6.44E+00
Receptor_176	370798.51	3757946.46	2.69E+01	2.65E+01	1.52E+01	1.51E+01	1.31E+01	1.29E+01	8.76E+00	8.72E+00
Receptor_177	370799.71	3758281.23	2.12E+01	1.99E+01	1.29E+01	1.21E+01	9.83E+00	9.74E+00	6.81E+00	6.55E+00
Receptor_178	370807.53	3755529.02	2.09E+01	2.01E+01	1.21E+01	1.12E+01	9.93E+00	8.77E+00	6.49E+00	6.04E+00
Receptor_179	370818.52	3757901.47	1.66E+01	1.63E+01	1.06E+01	1.05E+01	9.31E+00	8.21E+00	6.36E+00	5.53E+00
Receptor_180	370851.08	3757864.53	1.57E+01	1.49E+01	9.24E+00	9.06E+00	8.40E+00	8.35E+00	5.93E+00	5.46E+00
Receptor_181	370854.34	3755560.2	1.72E+01	1.63E+01	9.78E+00	9.70E+00	9.05E+00	8.62E+00	5.96E+00	5.75E+00
Receptor_182	370901.14	3755591.38	1.45E+01	1.34E+01	8.88E+00	8.00E+00	7.54E+00	7.16E+00	5.06E+00	5.02E+00
Receptor_183	370908.58	3757858.61	1.20E+01	1.17E+01	7.68E+00	6.82E+00	5.97E+00	5.86E+00	4.28E+00	4.26E+00
Receptor_184	370929.68	3755646.61	1.06E+01	9.86E+00	6.71E+00	6.13E+00	5.45E+00	5.28E+00	3.98E+00	3.91E+00
Receptor_185	370932.48	3755705.67	8.41E+00	8.28E+00	6.26E+00	5.82E+00	5.48E+00	4.98E+00	4.25E+00	3.91E+00
Receptor_186	370959.17	3757378.41	1.08E+01	9.80E+00	6.10E+00	5.99E+00	5.82E+00	5.63E+00	4.43E+00	4.27E+00
Receptor_187	370959.96	3757296.11	1.38E+01	1.14E+01	7.71E+00	6.72E+00	6.58E+00	6.31E+00	4.87E+00	4.66E+00
Receptor_188	370960.75	3757213.81	1.50E+01	1.27E+01	7.88E+00	7.74E+00	6.86E+00	6.79E+00	4.85E+00	4.84E+00
Receptor_189	370961.54	3757131.5	1.47E+01	1.28E+01	7.86E+00	7.13E+00	6.60E+00	6.51E+00	4.79E+00	4.71E+00
Receptor_190	370962.33	3757049.2	1.27E+01	1.19E+01	7.81E+00	7.22E+00	6.64E+00	6.62E+00	4.87E+00	4.81E+00
Receptor_191	370963.12	3756966.9	1.49E+01	1.37E+01	9.23E+00	8.77E+00	8.62E+00	8.59E+00	6.08E+00	6.01E+00
Receptor_192	370966.07	3757852.69	2.98E+01	2.87E+01	1.69E+01	1.64E+01	1.56E+01	1.56E+01	1.02E+01	9.71E+00
Receptor_193	370968.09	3757808.7	1.72E+01	1.60E+01	1.05E+01	9.64E+00	9.51E+00	9.09E+00	6.20E+00	6.15E+00
Receptor_194	370983.75	3755705.22	6.97E+01	6.34E+01	4.26E+01	3.88E+01	2.05E+01	2.03E+01	1.29E+01	1.28E+01
Receptor_195	370986.42	3755628.02	2.02E+01	1.93E+01	1.17E+01	1.17E+01	9.75E+00	9.63E+00	6.36E+00	6.00E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_196	370989.1	3755550.81	1.75E+01	1.64E+01	1.08E+01	9.52E+00	7.83E+00	7.47E+00	5.24E+00	4.91E+00
Receptor_197	370991.77	3755473.61	1.84E+01	1.56E+01	1.02E+01	9.97E+00	8.14E+00	7.92E+00	5.58E+00	4.98E+00
Receptor_198	371017.44	3757371.98	1.73E+01	1.63E+01	1.14E+01	9.35E+00	7.59E+00	7.37E+00	5.41E+00	4.62E+00
Receptor_199	371039.92	3757778.95	1.54E+01	1.52E+01	9.70E+00	8.85E+00	7.43E+00	7.38E+00	5.34E+00	5.24E+00
Receptor_200	371061.56	3756965.39	1.71E+01	1.70E+01	1.00E+01	9.89E+00	9.11E+00	9.11E+00	6.26E+00	6.19E+00
Receptor_201	371064.57	3755405.04	1.93E+01	1.90E+01	1.15E+01	1.14E+01	1.01E+01	9.63E+00	6.83E+00	6.56E+00
Receptor_202	371078.64	3757842.57	1.99E+01	1.93E+01	1.23E+01	1.23E+01	1.08E+01	1.01E+01	7.30E+00	6.83E+00
Receptor_203	371116.65	3757378.24	1.55E+01	1.52E+01	9.93E+00	9.38E+00	8.29E+00	7.38E+00	5.78E+00	5.04E+00
Receptor_204	371117.35	3757906.19	1.34E+01	1.33E+01	7.85E+00	7.74E+00	6.34E+00	5.90E+00	4.64E+00	4.10E+00
Receptor_205	371160.25	3755403.96	1.22E+01	1.14E+01	7.19E+00	6.78E+00	5.56E+00	5.48E+00	4.13E+00	3.89E+00
Receptor_206	371160	3756963.88	7.82E+00	7.54E+00	5.89E+00	5.52E+00	5.12E+00	4.76E+00	4.02E+00	3.76E+00
Receptor_207	371173.76	3757954.26	1.12E+01	9.63E+00	5.94E+00	5.71E+00	5.35E+00	5.35E+00	4.13E+00	3.98E+00
Receptor_208	371174.47	3757986.09	1.26E+01	1.05E+01	7.30E+00	6.39E+00	5.49E+00	5.30E+00	4.10E+00	3.95E+00
Receptor_209	371208.04	3757297.08	1.63E+01	1.58E+01	9.62E+00	8.50E+00	7.81E+00	7.57E+00	5.49E+00	5.29E+00
Receptor_210	371208.86	3757379.92	1.16E+01	1.02E+01	6.29E+00	5.23E+00	5.41E+00	5.34E+00	4.16E+00	4.08E+00
Receptor_211	371210.97	3757210	1.11E+01	9.83E+00	6.66E+00	6.12E+00	5.99E+00	5.80E+00	4.50E+00	4.34E+00
Receptor_212	371243.87	3757985.25	1.23E+01	1.12E+01	7.53E+00	6.72E+00	6.92E+00	6.81E+00	5.07E+00	4.94E+00
Receptor_213	371255.94	3755402.89	2.81E+01	2.55E+01	1.70E+01	1.52E+01	1.48E+01	1.45E+01	9.24E+00	9.17E+00
Receptor_214	371258.45	3756962.36	1.83E+01	1.58E+01	1.02E+01	9.76E+00	9.00E+00	8.50E+00	6.16E+00	5.82E+00
Receptor_215	371275.69	3757208.66	2.47E+01	2.01E+01	1.56E+01	1.18E+01	6.95E+00	6.65E+00	4.68E+00	4.52E+00
Receptor_216	371313.27	3757984.41	6.24E+01	5.40E+01	3.78E+01	3.27E+01	1.38E+01	1.38E+01	8.86E+00	8.62E+00
Receptor_217	371348.54	3758024.62	3.67E+01	2.25E+01	1.94E+01	1.17E+01	9.65E+00	8.55E+00	5.93E+00	5.34E+00
Receptor_218	371351.62	3755401.81	1.78E+01	1.47E+01	1.01E+01	8.69E+00	7.61E+00	7.35E+00	5.11E+00	5.03E+00
Receptor_219	371356.75	3757207.46	1.50E+01	1.32E+01	9.44E+00	8.10E+00	6.94E+00	6.37E+00	4.56E+00	4.35E+00
Receptor_220	371356.89	3756960.85	1.53E+01	1.25E+01	8.28E+00	7.90E+00	6.93E+00	6.56E+00	4.78E+00	4.12E+00
Receptor_221	371402.37	3758061.24	1.23E+01	1.06E+01	7.88E+00	7.07E+00	6.20E+00	5.51E+00	4.48E+00	4.07E+00
Receptor_222	371437.81	3757206.27	1.32E+01	1.27E+01	9.10E+00	7.34E+00	6.57E+00	5.77E+00	4.77E+00	4.31E+00
Receptor_223	371447.31	3755400.73	1.28E+01	1.28E+01	7.83E+00	7.72E+00	6.18E+00	5.84E+00	4.40E+00	4.20E+00
Receptor_224	371455.33	3756959.34	1.44E+01	1.37E+01	8.86E+00	8.37E+00	7.43E+00	7.20E+00	5.04E+00	4.98E+00
Receptor_225	371474.09	3758110.88	1.68E+01	1.63E+01	9.60E+00	9.33E+00	7.79E+00	7.57E+00	5.38E+00	5.01E+00
Receptor_226	371518.87	3757205.07	1.48E+01	1.46E+01	8.90E+00	8.74E+00	6.47E+00	5.72E+00	4.53E+00	4.09E+00
Receptor_227	371537.39	3758154.69	1.30E+01	1.23E+01	8.29E+00	7.91E+00	6.06E+00	5.03E+00	4.34E+00	3.71E+00
Receptor_228	371542.99	3755399.65	9.05E+00	7.78E+00	4.86E+00	4.80E+00	4.41E+00	4.19E+00	3.58E+00	3.41E+00
Receptor_229	371599.93	3757203.87	1.10E+01	8.65E+00	6.55E+00	5.31E+00	5.18E+00	5.01E+00	4.04E+00	3.90E+00
Receptor_230	371600.7	3758198.51	1.15E+01	1.10E+01	6.25E+00	6.17E+00	5.02E+00	4.97E+00	3.94E+00	3.88E+00
Receptor_231	371613.52	3756957.47	9.63E+00	8.84E+00	5.51E+00	4.91E+00	4.96E+00	4.85E+00	3.90E+00	3.79E+00
Receptor_232	371638.68	3755398.58	1.01E+01	8.04E+00	5.35E+00	5.13E+00	5.12E+00	4.98E+00	4.00E+00	3.87E+00
Receptor_233	371652.22	3756956.31	1.03E+01	9.27E+00	6.30E+00	6.13E+00	6.00E+00	5.76E+00	4.51E+00	4.33E+00
Receptor_234	371664	3758242.33	1.55E+01	1.35E+01	9.69E+00	8.15E+00	8.05E+00	8.01E+00	5.74E+00	5.63E+00
Receptor_235	371678.83	3757376.47	1.81E+01	1.73E+01	1.14E+01	1.04E+01	9.19E+00	8.79E+00	6.29E+00	5.99E+00
Receptor_236	371680.99	3757202.68	1.41E+01	1.29E+01	8.01E+00	7.71E+00	6.91E+00	6.74E+00	4.94E+00	4.78E+00
Receptor_237	371683.71	3757291.78	1.95E+01	1.58E+01	1.22E+01	8.82E+00	5.42E+00	5.23E+00	3.86E+00	3.82E+00
Receptor_238	371734.36	3755397.5	4.68E+01	4.13E+01	2.88E+01	2.53E+01	1.24E+01	1.20E+01	8.22E+00	7.75E+00
Receptor_239	371750.66	3756954.8	1.47E+01	1.30E+01	9.05E+00	8.50E+00	6.70E+00	6.60E+00	5.01E+00	4.76E+00
Receptor_240	371767.81	3758230.27	2.00E+01	1.24E+01	1.02E+01	6.56E+00	5.97E+00	5.82E+00	4.24E+00	4.22E+00
Receptor_241	371801.04	3755399.23	1.46E+01	1.30E+01	8.62E+00	6.85E+00	6.44E+00	5.92E+00	4.09E+00	3.92E+00
Receptor_242	371812.25	3757364.2	9.20E+00	9.12E+00	5.65E+00	5.47E+00	5.39E+00	5.20E+00	4.04E+00	3.90E+00
Receptor_243	371825.62	3758161.92	9.28E+00	9.28E+00	6.24E+00	5.58E+00	5.41E+00	5.10E+00	3.98E+00	3.86E+00
Receptor_244	371849.1	3756953.29	1.26E+01	1.02E+01	7.69E+00	6.56E+00	6.26E+00	5.33E+00	4.47E+00	4.05E+00
Receptor_245	371866.03	3757363.09	1.31E+01	1.19E+01	8.78E+00	6.63E+00	6.15E+00	5.10E+00	4.45E+00	3.89E+00
Receptor_246	371867.72	3755400.96	1.56E+01	1.39E+01	9.31E+00	8.71E+00	7.44E+00	6.51E+00	5.17E+00	4.63E+00
Receptor_247	371895.02	3758059.68	1.61E+01	1.54E+01	9.35E+00	9.18E+00	7.53E+00	6.96E+00	5.23E+00	5.06E+00
Receptor_248	371898.9	3758134.17	1.30E+01	1.24E+01	7.20E+00	7.13E+00	5.44E+00	5.42E+00	3.97E+00	3.92E+00
Receptor_249	371909.58	3757435.59	1.29E+01	1.22E+01	7.29E+00	6.87E+00	5.21E+00	5.18E+00	3.86E+00	3.65E+00
Receptor_250	371916.85	3757398.54	1.26E+01	1.26E+01	7.67E+00	7.64E+00	6.09E+00	5.62E+00	4.58E+00	4.23E+00
Receptor_251	371917.2	3757362.27	1.09E+01	1.02E+01	6.53E+00	6.00E+00	4.69E+00	4.42E+00	3.76E+00	3.31E+00
Receptor_252	371927.01	3757742.18	8.28E+00	7.79E+00	4.86E+00	4.53E+00	4.42E+00	4.29E+00	3.58E+00	3.47E+00
Receptor_253	371928.06	3757790.69	9.01E+00	7.30E+00	5.10E+00	5.00E+00	4.94E+00	4.57E+00	3.88E+00	3.59E+00
Receptor_254	371934.4	3755402.69	1.05E+01	1.00E+01	6.88E+00	6.42E+00	6.07E+00	5.49E+00	4.57E+00	4.09E+00
Receptor_255	371934.4	3757852.44	1.55E+01	1.17E+01	9.69E+00	7.33E+00	6.53E+00	6.48E+00	4.81E+00	4.66E+00
Receptor_256	371937.61	3757919.43	4.06E+01	3.18E+01	2.41E+01	1.94E+01	1.83E+01	1.75E+01	1.16E+01	1.10E+01
Receptor_257	371940.82	3757986.42	1.31E+01	1.28E+01	8.02E+00	7.92E+00	6.55E+00	6.46E+00	4.66E+00	4.56E+00
Receptor_258	371944.03	3758053.41	1.15E+01	1.13E+01	7.10E+00	6.44E+00	5.74E+00	5.50E+00	4.25E+00	4.06E+00
Receptor_259	371947.54	3756951.78	1.94E+01	1.57E+01	1.19E+01	8.63E+00	5.18E+00	5.00E+00	3.74E+00	3.55E+00
Receptor_260	371954.98	3757424.18	3.60E+01	3.52E+01	2.22E+01	2.16E+01	8.48E+00	8.44E+00	5.74E+00	5.51E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_261	372007.7	3757423.51	1.42E+01	1.28E+01	8.11E+00	7.69E+00	5.11E+00	5.07E+00	3.85E+00	3.85E+00
Receptor_262	372031.48	3757755.88	1.50E+01	1.31E+01	8.45E+00	7.63E+00	5.22E+00	5.12E+00	3.98E+00	3.83E+00
Receptor_263	372033.85	3755399.05	1.09E+01	1.08E+01	7.22E+00	6.47E+00	5.97E+00	5.91E+00	4.46E+00	4.34E+00
Receptor_264	372045.99	3756950.26	8.63E+00	7.87E+00	5.52E+00	5.36E+00	5.47E+00	5.24E+00	4.10E+00	3.90E+00
Receptor_265	372060.42	3757422.83	8.73E+00	8.35E+00	5.45E+00	5.26E+00	5.11E+00	4.77E+00	3.88E+00	3.71E+00
Receptor_266	372097.97	3757754.97	9.76E+00	9.61E+00	6.51E+00	6.03E+00	5.62E+00	5.00E+00	4.10E+00	3.77E+00
Receptor_267	372114.62	3757440.24	1.33E+01	1.03E+01	7.54E+00	6.49E+00	6.24E+00	5.23E+00	4.39E+00	4.00E+00
Receptor_268	372133.29	3755395.42	1.46E+01	1.25E+01	9.39E+00	6.91E+00	7.14E+00	6.13E+00	5.02E+00	4.50E+00
Receptor_269	372144.43	3756948.75	1.47E+01	1.46E+01	9.98E+00	8.16E+00	6.90E+00	6.03E+00	4.92E+00	4.50E+00
Receptor_270	372152.01	3757362.33	1.40E+01	1.32E+01	8.00E+00	7.56E+00	5.47E+00	4.88E+00	3.97E+00	3.71E+00
Receptor_271	372153.8	3757418.83	1.23E+01	1.13E+01	7.35E+00	6.79E+00	4.97E+00	4.54E+00	3.71E+00	3.47E+00
Receptor_272	372154.47	3757439.86	9.74E+00	9.34E+00	5.94E+00	5.32E+00	4.10E+00	3.85E+00	3.41E+00	3.05E+00
Receptor_273	372156.97	3757518.41	1.13E+01	1.01E+01	6.48E+00	5.48E+00	4.40E+00	4.05E+00	3.59E+00	3.20E+00
Receptor_274	372159.47	3757596.96	1.09E+01	8.39E+00	5.54E+00	5.45E+00	4.68E+00	4.28E+00	3.76E+00	3.34E+00
Receptor_275	372161.97	3757675.51	1.15E+01	1.12E+01	7.48E+00	6.54E+00	5.28E+00	4.76E+00	4.12E+00	3.62E+00
Receptor_276	372164.46	3757754.06	1.27E+01	1.06E+01	8.07E+00	6.45E+00	5.83E+00	5.37E+00	4.43E+00	4.05E+00
Receptor_277	372232.73	3755391.79	3.14E+01	2.92E+01	1.87E+01	1.67E+01	1.14E+01	1.09E+01	7.22E+00	6.81E+00
Receptor_278	372242.87	3756947.24	1.57E+01	1.31E+01	1.00E+01	7.29E+00	6.68E+00	6.63E+00	4.81E+00	4.66E+00
Receptor_279	372332.18	3755388.15	1.22E+01	1.19E+01	7.53E+00	7.05E+00	5.92E+00	5.67E+00	4.21E+00	4.21E+00
Receptor_280	372341.31	3756945.73	1.07E+01	1.02E+01	6.71E+00	5.91E+00	5.00E+00	4.87E+00	3.81E+00	3.67E+00
Receptor_281	372410.73	3755381.99	1.51E+01	9.71E+00	9.20E+00	6.70E+00	4.15E+00	3.92E+00	3.23E+00	3.21E+00
Receptor_282	372439.76	3756944.21	2.43E+01	2.31E+01	1.51E+01	1.44E+01	7.27E+00	6.90E+00	5.05E+00	4.61E+00
Receptor_283	372489.28	3755375.83	1.05E+01	1.01E+01	6.43E+00	6.38E+00	5.35E+00	5.32E+00	4.05E+00	4.01E+00
Receptor_284	372538.2	3756942.7	1.03E+01	9.60E+00	6.21E+00	6.03E+00	5.46E+00	5.43E+00	4.14E+00	4.06E+00
Receptor_285	372567.83	3755369.67	8.27E+00	8.17E+00	5.02E+00	5.01E+00	5.06E+00	5.02E+00	3.86E+00	3.82E+00
Receptor_286	372621.24	3755369.96	7.96E+00	7.71E+00	5.03E+00	4.95E+00	4.93E+00	4.79E+00	3.71E+00	3.71E+00
Receptor_287	372627.96	3756505.77	8.88E+00	8.41E+00	4.79E+00	4.58E+00	4.90E+00	4.69E+00	3.53E+00	3.50E+00
Receptor_288	372628.35	3756589.05	1.04E+01	8.92E+00	6.01E+00	5.22E+00	5.52E+00	5.10E+00	3.80E+00	3.54E+00
Receptor_289	372630.81	3757026.03	1.01E+01	9.12E+00	6.34E+00	5.99E+00	5.63E+00	4.79E+00	3.95E+00	3.52E+00
Receptor_290	372632.23	3757120.5	1.37E+01	1.11E+01	7.32E+00	6.77E+00	6.72E+00	5.56E+00	4.50E+00	3.92E+00
Receptor_291	372632.53	3756752.34	1.63E+01	1.29E+01	1.02E+01	8.39E+00	8.13E+00	7.40E+00	5.68E+00	5.18E+00
Receptor_292	372634.59	3756846.76	1.36E+01	1.20E+01	9.26E+00	6.33E+00	5.85E+00	4.71E+00	4.27E+00	3.66E+00
Receptor_293	372634.7	3757211.58	1.25E+01	1.16E+01	7.51E+00	6.80E+00	5.02E+00	4.24E+00	3.73E+00	3.39E+00
Receptor_294	372636.64	3756941.19	1.01E+01	9.75E+00	5.91E+00	5.87E+00	3.99E+00	3.68E+00	3.35E+00	3.07E+00
Receptor_295	372650.02	3757248.61	1.08E+01	9.22E+00	5.79E+00	5.78E+00	4.79E+00	4.67E+00	3.83E+00	3.44E+00
Receptor_296	372671.9	3757332.14	1.20E+01	1.15E+01	7.46E+00	6.13E+00	4.80E+00	4.47E+00	3.84E+00	3.48E+00
Receptor_297	372672.36	3756975.42	1.11E+01	1.02E+01	7.12E+00	6.28E+00	4.95E+00	4.89E+00	3.92E+00	3.81E+00
Receptor_298	372672.57	3757018.04	1.76E+01	1.54E+01	1.05E+01	9.64E+00	6.61E+00	6.52E+00	4.73E+00	4.59E+00
Receptor_299	372692.63	3756588.53	2.50E+01	2.04E+01	1.49E+01	1.25E+01	9.65E+00	8.16E+00	6.40E+00	5.71E+00
Receptor_300	372694.6	3756751.91	1.29E+01	1.17E+01	8.33E+00	6.69E+00	5.79E+00	5.11E+00	4.17E+00	3.88E+00
Receptor_301	372697.78	3755368.97	1.04E+01	1.02E+01	6.42E+00	6.13E+00	4.95E+00	4.52E+00	3.64E+00	3.53E+00
Receptor_302	372704.41	3757417.13	1.08E+01	9.18E+00	6.76E+00	5.93E+00	4.81E+00	4.77E+00	3.61E+00	3.58E+00
Receptor_303	372725.34	3756505.44	7.44E+00	7.44E+00	5.09E+00	4.90E+00	4.48E+00	4.45E+00	3.47E+00	3.46E+00
Receptor_304	372730.58	3756678.55	1.44E+01	1.43E+01	9.42E+00	8.72E+00	7.74E+00	7.74E+00	5.69E+00	5.64E+00
Receptor_305	372739.22	3757507.15	8.45E+00	8.42E+00	5.36E+00	5.18E+00	5.05E+00	4.94E+00	3.85E+00	3.84E+00
Receptor_306	372756.67	3756751.48	1.05E+01	9.79E+00	6.92E+00	6.45E+00	5.83E+00	5.81E+00	4.42E+00	4.34E+00
Receptor_307	372768.35	3756973.59	8.36E+00	8.16E+00	5.24E+00	4.87E+00	4.84E+00	4.72E+00	3.69E+00	3.68E+00
Receptor_308	372770.71	3757656.89	7.86E+00	7.69E+00	5.23E+00	5.05E+00	4.52E+00	4.51E+00	3.54E+00	3.48E+00
Receptor_309	372773.23	3757598.18	9.05E+00	8.53E+00	5.17E+00	5.16E+00	4.69E+00	4.45E+00	3.51E+00	3.49E+00
Receptor_310	372774.32	3755367.98	9.88E+00	8.69E+00	5.41E+00	5.02E+00	4.75E+00	4.41E+00	3.50E+00	3.29E+00
Receptor_311	372774.75	3757745.62	9.51E+00	8.65E+00	5.91E+00	5.46E+00	4.67E+00	4.23E+00	3.56E+00	3.29E+00
Receptor_312	372784.4	3757635.25	9.89E+00	9.14E+00	6.45E+00	6.10E+00	5.28E+00	4.56E+00	3.94E+00	3.52E+00
Receptor_313	372822.71	3756505.12	2.45E+01	2.37E+01	1.46E+01	1.38E+01	1.33E+01	1.29E+01	8.15E+00	7.95E+00
Receptor_314	372839.8	3757745.93	1.26E+01	9.79E+00	7.37E+00	6.58E+00	5.68E+00	4.62E+00	4.03E+00	3.59E+00
Receptor_315	372850.87	3755366.99	1.24E+01	9.47E+00	8.35E+00	5.94E+00	5.22E+00	4.10E+00	3.85E+00	3.29E+00
Receptor_316	372864.35	3756971.76	9.75E+00	9.13E+00	5.59E+00	5.06E+00	3.91E+00	3.57E+00	3.30E+00	2.95E+00
Receptor_317	372904.85	3757746.24	1.16E+01	1.07E+01	6.96E+00	5.85E+00	3.99E+00	3.92E+00	3.35E+00	3.02E+00
Receptor_318	372910.27	3757732.13	1.03E+01	9.75E+00	6.35E+00	6.24E+00	4.22E+00	4.15E+00	3.45E+00	3.17E+00
Receptor_319	372919.43	3756436.58	1.15E+01	1.13E+01	7.35E+00	7.09E+00	5.26E+00	4.86E+00	3.80E+00	3.75E+00
Receptor_320	372920.09	3756504.79	6.85E+01	3.96E+01	4.11E+01	2.43E+01	1.53E+01	1.49E+01	9.88E+00	9.10E+00
Receptor_321	372927.41	3755366	1.54E+01	1.50E+01	9.57E+00	9.56E+00	5.80E+00	5.51E+00	4.21E+00	3.92E+00
Receptor_322	372927.86	3755465.33	1.38E+01	1.19E+01	7.73E+00	7.17E+00	5.07E+00	4.38E+00	3.71E+00	3.40E+00
Receptor_323	372928.32	3755564.67	1.48E+01	1.41E+01	9.05E+00	7.67E+00	5.16E+00	3.93E+00	3.67E+00	3.20E+00
Receptor_324	372928.77	3755564	1.14E+01	9.88E+00	7.08E+00	6.32E+00	4.39E+00	3.94E+00	3.33E+00	3.18E+00
Receptor_325	372929.23	3755763.34	7.00E+00	6.92E+00	4.81E+00	4.53E+00	4.19E+00	3.95E+00	3.27E+00	3.26E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_326	372947.75	3756971.61	1.15E+01	9.94E+00	7.57E+00	6.41E+00	4.64E+00	4.45E+00	3.58E+00	3.42E+00
Receptor_327	372992.82	3755761.76	8.10E+00	8.05E+00	5.04E+00	4.87E+00	4.57E+00	4.36E+00	3.56E+00	3.49E+00
Receptor_328	372995.87	3757731.75	1.49E+01	1.48E+01	9.58E+00	9.40E+00	5.28E+00	4.75E+00	3.65E+00	3.64E+00
Receptor_329	373004.43	3756435.35	1.10E+01	9.63E+00	6.65E+00	6.04E+00	4.65E+00	4.56E+00	3.69E+00	3.56E+00
Receptor_330	373031.15	3756971.45	1.08E+01	1.07E+01	6.62E+00	6.29E+00	4.40E+00	4.08E+00	3.49E+00	3.24E+00
Receptor_331	373056.4	3755760.18	1.19E+01	9.97E+00	5.94E+00	5.34E+00	4.02E+00	3.98E+00	3.24E+00	3.17E+00
Receptor_332	373057.59	3755829.92	1.00E+01	9.55E+00	5.65E+00	5.37E+00	4.37E+00	4.19E+00	3.30E+00	3.06E+00
Receptor_333	373058.79	3755899.65	9.40E+00	8.80E+00	5.56E+00	4.93E+00	4.49E+00	3.93E+00	3.35E+00	3.06E+00
Receptor_334	373077.68	3757731.38	8.93E+00	8.39E+00	5.58E+00	5.28E+00	4.45E+00	3.76E+00	3.43E+00	3.09E+00
Receptor_335	373089.44	3756434.13	2.13E+01	1.82E+01	1.26E+01	1.08E+01	6.74E+00	6.27E+00	4.56E+00	4.09E+00
Receptor_336	373118.11	3756991.19	1.16E+01	9.85E+00	7.19E+00	6.54E+00	5.15E+00	4.79E+00	3.76E+00	3.18E+00
Receptor_337	373137.84	3755759.39	1.23E+01	9.06E+00	6.81E+00	6.03E+00	5.07E+00	3.94E+00	3.63E+00	3.03E+00
Receptor_338	373138.33	3755829.37	1.10E+01	1.05E+01	6.53E+00	6.34E+00	6.74E+00	6.60E+00	4.60E+00	4.50E+00
Receptor_339	373138.82	3755899.35	1.61E+01	1.38E+01	9.53E+00	8.41E+00	6.96E+00	6.91E+00	4.67E+00	4.58E+00
Receptor_340	373159.49	3757731.01	1.24E+01	1.01E+01	7.01E+00	6.05E+00	6.03E+00	5.88E+00	4.15E+00	4.07E+00
Receptor_341	373174.45	3756432.91	1.77E+01	1.36E+01	1.09E+01	8.66E+00	7.99E+00	6.96E+00	5.32E+00	4.73E+00
Receptor_342	373179.17	3757023.66	2.03E+01	1.91E+01	1.26E+01	1.23E+01	8.90E+00	7.85E+00	5.95E+00	5.18E+00
Receptor_343	373213.14	3755758.34	1.50E+01	1.40E+01	7.88E+00	7.77E+00	6.87E+00	6.09E+00	4.53E+00	4.25E+00
Receptor_344	373236.62	3757073.64	1.09E+01	1.09E+01	6.91E+00	6.85E+00	5.86E+00	5.71E+00	4.04E+00	3.98E+00
Receptor_345	373241.3	3757730.64	1.06E+01	1.05E+01	6.87E+00	6.82E+00	5.42E+00	5.09E+00	3.85E+00	3.61E+00
Receptor_346	373259.45	3756431.68	1.01E+01	9.68E+00	6.00E+00	5.87E+00	5.03E+00	4.81E+00	3.57E+00	3.39E+00
Receptor_347	373288.44	3755757.29	1.03E+01	1.00E+01	5.98E+00	5.37E+00	4.78E+00	4.51E+00	3.44E+00	3.28E+00
Receptor_348	373303.06	3757072.9	9.19E+00	8.56E+00	5.82E+00	4.76E+00	4.58E+00	4.26E+00	3.39E+00	3.21E+00
Receptor_349	373317.14	3756432.03	9.25E+00	9.24E+00	5.60E+00	4.97E+00	4.16E+00	4.11E+00	3.23E+00	3.18E+00
Receptor_350	373323.11	3757730.27	9.12E+00	8.35E+00	5.34E+00	5.29E+00	3.98E+00	3.97E+00	3.08E+00	3.08E+00
Receptor_351	373323.28	3757744.87	1.07E+01	9.28E+00	6.35E+00	5.13E+00	4.24E+00	3.79E+00	3.02E+00	2.94E+00
Receptor_352	373363.74	3755756.24	1.16E+01	1.16E+01	6.97E+00	6.48E+00	4.39E+00	3.77E+00	3.03E+00	3.00E+00
Receptor_353	373365.13	3755845.96	9.65E+00	9.01E+00	5.50E+00	5.49E+00	3.82E+00	3.61E+00	2.90E+00	2.88E+00
Receptor_354	373366.53	3755935.69	9.72E+00	7.89E+00	5.99E+00	4.97E+00	5.82E+00	5.53E+00	3.93E+00	3.89E+00
Receptor_355	373367.92	3756025.41	1.05E+01	1.01E+01	6.77E+00	6.44E+00	6.81E+00	6.77E+00	4.66E+00	4.52E+00
Receptor_356	373369.31	3756115.13	2.30E+01	1.95E+01	1.35E+01	1.17E+01	8.51E+00	7.81E+00	5.35E+00	5.23E+00
Receptor_357	373369.5	3757072.16	1.35E+01	1.18E+01	7.83E+00	6.76E+00	6.90E+00	6.88E+00	4.65E+00	4.57E+00
Receptor_358	373370.37	3757159.75	1.78E+01	1.64E+01	1.10E+01	9.75E+00	1.02E+01	9.94E+00	6.36E+00	6.31E+00
Receptor_359	373370.71	3756204.86	2.22E+01	2.11E+01	1.22E+01	1.20E+01	1.08E+01	1.01E+01	6.82E+00	6.27E+00
Receptor_360	373371.24	3757247.34	1.50E+01	1.43E+01	8.91E+00	8.64E+00	7.48E+00	7.01E+00	5.02E+00	4.66E+00
Receptor_361	373372.1	3756294.58	1.26E+01	1.26E+01	8.11E+00	7.92E+00	6.47E+00	6.17E+00	4.44E+00	4.24E+00
Receptor_362	373372.12	3757334.94	1.19E+01	1.15E+01	7.21E+00	6.82E+00	5.80E+00	5.75E+00	4.00E+00	3.86E+00
Receptor_363	373372.99	3757422.53	1.17E+01	1.12E+01	6.89E+00	6.08E+00	5.45E+00	5.44E+00	3.77E+00	3.67E+00
Receptor_364	373373.72	3756378.86	1.10E+01	1.01E+01	6.43E+00	5.71E+00	5.20E+00	4.95E+00	3.70E+00	3.52E+00
Receptor_365	373373.86	3757510.12	1.10E+01	1.07E+01	6.36E+00	5.96E+00	4.71E+00	4.65E+00	3.49E+00	3.38E+00
Receptor_366	373374.73	3757597.71	1.18E+01	1.04E+01	7.01E+00	5.89E+00	4.99E+00	4.76E+00	3.61E+00	3.60E+00
Receptor_367	373374.83	3756432.37	1.70E+01	1.45E+01	9.55E+00	7.90E+00	5.86E+00	4.49E+00	3.81E+00	3.39E+00
Receptor_368	373375.6	3757685.31	1.20E+01	1.19E+01	7.00E+00	6.67E+00	4.89E+00	4.08E+00	3.32E+00	3.20E+00
Receptor_369	373393.43	3757684.85	1.05E+01	1.00E+01	6.27E+00	5.70E+00	4.49E+00	3.79E+00	3.12E+00	3.02E+00
Receptor_370	373394.3	3757744.19	8.76E+00	8.66E+00	5.18E+00	5.10E+00	4.16E+00	3.41E+00	2.96E+00	2.90E+00
Receptor_371	366809.77	3757837.27	1.38E+01	1.34E+01	8.28E+00	7.98E+00	8.39E+00	8.36E+00	5.42E+00	5.27E+00
Receptor_372	366843.26	3757860.52	1.11E+01	1.07E+01	7.02E+00	6.45E+00	6.76E+00	6.70E+00	4.53E+00	4.41E+00
Receptor_373	366900	3758500	2.59E+01	2.56E+01	1.55E+01	1.54E+01	1.08E+01	1.05E+01	6.68E+00	6.54E+00
Receptor_374	366900	3762500	1.61E+01	1.45E+01	8.57E+00	8.07E+00	8.20E+00	7.95E+00	5.47E+00	5.41E+00
Receptor_375	366900	3763500	1.98E+01	1.94E+01	1.20E+01	1.18E+01	1.21E+01	1.20E+01	7.71E+00	7.68E+00
Receptor_376	366900	3764500	2.36E+01	2.15E+01	1.27E+01	1.24E+01	1.12E+01	1.07E+01	7.12E+00	6.92E+00
Receptor_377	366982.41	3757958.65	1.62E+01	1.58E+01	9.81E+00	9.55E+00	8.61E+00	8.14E+00	5.56E+00	5.40E+00
Receptor_378	367163.97	3758028.8	1.47E+01	1.45E+01	9.11E+00	8.77E+00	7.65E+00	6.98E+00	4.92E+00	4.71E+00
Receptor_379	367275.38	3757999.92	1.36E+01	1.32E+01	8.04E+00	7.09E+00	6.82E+00	6.20E+00	4.47E+00	4.10E+00
Receptor_380	367395.04	3758065.94	1.40E+01	1.34E+01	7.59E+00	7.09E+00	6.36E+00	6.07E+00	4.20E+00	4.08E+00
Receptor_381	367880.4	3758145.84	1.39E+01	1.23E+01	7.65E+00	7.30E+00	5.97E+00	5.68E+00	4.02E+00	3.86E+00
Receptor_382	367900	3761500	1.66E+01	1.41E+01	9.19E+00	7.68E+00	6.36E+00	5.25E+00	4.03E+00	3.75E+00
Receptor_383	367900	3762500	1.47E+01	1.42E+01	8.52E+00	8.35E+00	6.42E+00	5.84E+00	4.40E+00	4.30E+00
Receptor_384	367900	3764500	1.84E+01	1.45E+01	1.04E+01	8.62E+00	6.49E+00	5.34E+00	4.25E+00	3.63E+00
Receptor_385	368068.97	3758068.94	1.44E+01	1.43E+01	7.26E+00	7.13E+00	5.71E+00	4.73E+00	3.79E+00	3.21E+00
Receptor_386	368182.48	3758015.85	1.21E+01	1.16E+01	6.42E+00	5.99E+00	4.99E+00	4.04E+00	3.45E+00	2.97E+00
Receptor_387	368416.83	3757988.39	1.02E+01	9.40E+00	5.41E+00	5.35E+00	4.59E+00	4.04E+00	3.21E+00	2.95E+00
Receptor_388	368577.94	3757979.23	8.89E+00	8.65E+00	5.56E+00	5.52E+00	6.37E+00	5.98E+00	4.19E+00	4.16E+00
Receptor_389	368764.68	3758079.93	1.34E+01	1.21E+01	7.86E+00	7.68E+00	8.41E+00	8.32E+00	5.47E+00	5.41E+00
Receptor_390	368900	3754500	1.54E+01	1.50E+01	9.24E+00	8.61E+00	9.69E+00	9.29E+00	6.12E+00	5.79E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_391	368900	3759500	3.00E+01	2.99E+01	1.74E+01	1.73E+01	1.29E+01	1.25E+01	7.70E+00	7.52E+00
Receptor_392	368900	3761500	1.98E+01	1.86E+01	1.14E+01	9.97E+00	9.46E+00	9.27E+00	6.19E+00	6.08E+00
Receptor_393	368900	3762500	2.55E+01	2.35E+01	1.57E+01	1.38E+01	1.39E+01	1.33E+01	8.78E+00	8.40E+00
Receptor_394	368900	3763500	2.62E+01	2.55E+01	1.53E+01	1.49E+01	1.28E+01	1.24E+01	7.91E+00	7.80E+00
Receptor_395	368900	3764500	1.91E+01	1.90E+01	1.16E+01	1.12E+01	1.02E+01	9.36E+00	6.30E+00	5.85E+00
Receptor_396	368944.1	3758186.12	1.88E+01	1.69E+01	1.01E+01	9.53E+00	8.93E+00	8.51E+00	5.68E+00	5.09E+00
Receptor_397	369206.25	3758147.26	1.94E+01	1.77E+01	9.24E+00	9.07E+00	8.52E+00	8.41E+00	5.34E+00	5.10E+00
Receptor_398	369268.49	3758066.34	2.05E+01	1.78E+01	1.08E+01	9.97E+00	8.48E+00	8.05E+00	5.42E+00	4.99E+00
Receptor_399	369333.85	3757999.43	2.20E+01	2.07E+01	1.19E+01	1.18E+01	9.02E+00	7.41E+00	5.47E+00	4.84E+00
Receptor_400	369425.6	3758641.99	2.14E+01	2.11E+01	1.20E+01	1.11E+01	8.86E+00	7.36E+00	5.51E+00	4.59E+00
Receptor_401	369599.53	3758634.67	3.51E+01	2.17E+01	1.71E+01	1.32E+01	9.39E+00	8.46E+00	5.38E+00	5.27E+00
Receptor_402	369775.29	3758632.83	2.03E+01	1.97E+01	1.04E+01	9.69E+00	7.65E+00	6.95E+00	4.97E+00	4.33E+00
Receptor_403	369834.01	3758329.33	1.69E+01	1.45E+01	8.47E+00	7.92E+00	6.69E+00	6.06E+00	4.40E+00	3.84E+00
Receptor_404	369900	3754500	1.30E+01	1.14E+01	7.00E+00	6.07E+00	5.68E+00	5.19E+00	3.77E+00	3.46E+00
Receptor_405	369900	3758500	1.17E+01	1.06E+01	6.25E+00	5.60E+00	4.92E+00	4.76E+00	3.33E+00	3.25E+00
Receptor_406	369900	3759500	1.22E+01	1.11E+01	7.03E+00	6.34E+00	7.43E+00	6.88E+00	4.40E+00	4.34E+00
Receptor_407	369900	3761500	1.46E+01	1.30E+01	8.11E+00	7.86E+00	8.59E+00	8.10E+00	5.32E+00	5.20E+00
Receptor_408	369900	3762500	2.40E+01	1.92E+01	1.16E+01	1.01E+01	1.11E+01	1.11E+01	7.01E+00	6.99E+00
Receptor_409	369900	3764500	4.41E+01	4.35E+01	2.47E+01	2.43E+01	1.82E+01	1.78E+01	1.03E+01	1.01E+01
Receptor_410	370006.1	3758331.16	2.90E+01	2.61E+01	1.38E+01	1.32E+01	1.30E+01	1.28E+01	8.10E+00	7.42E+00
Receptor_411	370183.69	3758338.49	2.82E+01	2.67E+01	1.65E+01	1.58E+01	1.62E+01	1.61E+01	9.80E+00	9.63E+00
Receptor_412	370425.35	3758336.66	3.51E+01	3.42E+01	1.99E+01	1.87E+01	1.81E+01	1.75E+01	1.04E+01	1.01E+01
Receptor_413	370701.79	3758334.82	2.62E+01	2.45E+01	1.42E+01	1.40E+01	1.28E+01	1.27E+01	7.50E+00	7.22E+00
Receptor_414	370780.52	3758327.5	3.31E+01	3.23E+01	1.91E+01	1.81E+01	1.49E+01	1.33E+01	8.49E+00	7.80E+00
Receptor_415	370900	3759500	7.96E+01	7.52E+01	4.05E+01	3.87E+01	3.05E+01	2.59E+01	1.68E+01	1.48E+01
Receptor_416	370900	3760500	4.25E+01	4.16E+01	2.38E+01	2.32E+01	2.20E+01	2.05E+01	1.30E+01	1.25E+01
Receptor_417	370900	3762500	5.82E+01	5.27E+01	3.09E+01	3.00E+01	2.21E+01	2.14E+01	1.34E+01	1.30E+01
Receptor_418	370900	3763500	4.39E+01	4.29E+01	2.44E+01	2.26E+01	1.62E+01	1.48E+01	9.90E+00	9.07E+00
Receptor_419	370900	3764500	3.30E+01	3.27E+01	1.89E+01	1.78E+01	1.31E+01	1.25E+01	7.94E+00	7.18E+00
Receptor_420	371295.29	3758036.94	2.68E+01	2.53E+01	1.49E+01	1.38E+01	1.11E+01	1.09E+01	6.42E+00	6.37E+00
Receptor_421	371421.46	3758118.19	2.01E+01	1.94E+01	1.06E+01	1.05E+01	9.24E+00	8.37E+00	5.14E+00	5.09E+00
Receptor_422	371550.51	3758209	1.85E+01	1.84E+01	9.44E+00	8.91E+00	7.02E+00	6.24E+00	4.35E+00	3.85E+00
Receptor_423	371685.28	3758299.81	1.62E+01	1.58E+01	8.49E+00	7.90E+00	5.38E+00	5.29E+00	3.56E+00	3.16E+00
Receptor_424	371754.11	3758291.2	1.20E+02	9.29E+01	5.91E+01	4.41E+01	5.78E+01	5.46E+01	2.77E+01	2.61E+01
Receptor_425	371807.64	3758213.78	5.10E+01	4.71E+01	2.31E+01	2.28E+01	3.12E+01	3.06E+01	1.59E+01	1.58E+01
Receptor_426	371874.55	3758164.07	5.11E+01	5.09E+01	2.04E+01	2.00E+01	3.01E+01	2.99E+01	1.14E+01	1.12E+01
Receptor_427	371900	3758500	4.97E+01	4.56E+01	1.68E+01	1.64E+01	2.24E+01	2.15E+01	8.91E+00	8.28E+00
Receptor_428	371900	3759500	2.88E+01	2.69E+01	1.15E+01	1.15E+01	1.25E+01	1.23E+01	6.83E+00	6.31E+00
Receptor_429	371900	3762500	2.90E+01	2.89E+01	1.19E+01	1.18E+01	1.20E+01	1.14E+01	6.94E+00	6.69E+00
Receptor_430	371900	3763500	3.16E+01	2.92E+01	1.36E+01	1.28E+01	1.20E+01	1.09E+01	7.05E+00	6.12E+00
Receptor_431	371933.81	3758104.81	2.80E+01	2.53E+01	1.50E+01	1.24E+01	1.26E+01	1.07E+01	7.50E+00	6.87E+00
Receptor_432	372241	3757883	2.60E+01	2.59E+01	1.52E+01	1.39E+01	1.46E+01	1.25E+01	8.53E+00	7.12E+00
Receptor_433	372241	3757983	2.28E+01	2.22E+01	1.39E+01	1.28E+01	1.29E+01	1.12E+01	7.67E+00	6.98E+00
Receptor_434	372341	3757883	2.04E+01	1.83E+01	1.20E+01	1.05E+01	9.16E+00	9.06E+00	5.53E+00	5.52E+00
Receptor_435	372341	3757983	1.75E+01	1.71E+01	9.90E+00	9.78E+00	8.05E+00	7.95E+00	4.86E+00	4.55E+00
Receptor_436	372900	3753500	1.51E+01	1.42E+01	8.45E+00	7.74E+00	6.65E+00	6.61E+00	4.03E+00	3.80E+00
Receptor_437	372900	3754500	2.15E+01	1.84E+01	1.04E+01	8.70E+00	8.40E+00	8.14E+00	5.25E+00	4.99E+00
Receptor_438	372900	3759500	3.80E+01	3.69E+01	2.37E+01	2.34E+01	2.08E+01	2.00E+01	1.31E+01	1.23E+01
Receptor_439	372900	3760500	2.52E+01	2.49E+01	1.49E+01	1.45E+01	1.51E+01	1.50E+01	9.34E+00	9.24E+00
Receptor_440	372900	3761500	2.13E+01	2.06E+01	1.30E+01	1.26E+01	1.13E+01	1.12E+01	7.12E+00	6.71E+00
Receptor_441	372900	3762500	2.20E+01	2.19E+01	1.11E+01	1.04E+01	1.14E+01	1.02E+01	6.65E+00	5.85E+00
Receptor_442	373541	3757783	2.69E+01	2.39E+01	1.26E+01	1.13E+01	1.21E+01	1.00E+01	6.68E+00	5.84E+00
Receptor_443	373541	3757883	1.99E+01	1.84E+01	1.04E+01	1.03E+01	9.86E+00	8.83E+00	5.72E+00	5.58E+00
Receptor_444	373541	3757983	2.44E+01	2.05E+01	1.16E+01	1.07E+01	9.99E+00	9.30E+00	5.72E+00	5.65E+00
Receptor_445	373641	3756983	2.29E+01	1.96E+01	1.04E+01	9.52E+00	9.26E+00	8.85E+00	5.79E+00	5.25E+00
Receptor_446	373641	3757083	1.60E+01	1.45E+01	9.15E+00	9.11E+00	8.51E+00	7.61E+00	5.71E+00	4.72E+00
Receptor_447	373641	3757183	1.10E+01	1.09E+01	6.98E+00	6.92E+00	6.78E+00	5.78E+00	4.68E+00	3.99E+00
Receptor_448	373641	3757283	1.09E+01	1.00E+01	7.23E+00	6.61E+00	6.10E+00	5.42E+00	4.29E+00	3.98E+00
Receptor_449	373641	3757383	1.05E+01	9.52E+00	6.89E+00	6.33E+00	5.51E+00	5.36E+00	3.92E+00	3.90E+00
Receptor_450	373641	3757483	3.31E+01	3.28E+01	1.97E+01	1.94E+01	1.84E+01	1.82E+01	1.22E+01	1.18E+01
Receptor_451	373641	3757583	2.58E+01	2.47E+01	1.44E+01	1.36E+01	1.34E+01	1.31E+01	8.69E+00	8.38E+00
Receptor_452	373641	3757683	2.11E+01	2.04E+01	1.23E+01	1.19E+01	1.11E+01	1.10E+01	7.37E+00	7.19E+00
Receptor_453	373641	3757783	2.78E+01	2.72E+01	1.59E+01	1.50E+01	1.19E+01	1.14E+01	7.52E+00	7.26E+00
Receptor_454	373641	3757883	2.97E+01	2.62E+01	1.66E+01	1.43E+01	1.06E+01	9.94E+00	6.67E+00	6.48E+00
Receptor_455	373641	3757983	2.65E+01	2.50E+01	1.46E+01	1.37E+01	1.05E+01	9.38E+00	6.76E+00	5.95E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_456	373687.89	3757980.08	2.50E+01	2.11E+01	1.35E+01	1.26E+01	1.01E+01	8.79E+00	6.26E+00	5.46E+00
Receptor_457	373900	3753500	2.04E+01	1.71E+01	1.16E+01	1.01E+01	8.73E+00	8.50E+00	5.67E+00	5.45E+00
Receptor_458	373900	3754500	2.08E+01	1.89E+01	1.24E+01	1.13E+01	1.04E+01	1.04E+01	6.91E+00	6.37E+00
Receptor_459	373900	3755500	1.23E+01	1.22E+01	7.50E+00	7.25E+00	6.74E+00	6.27E+00	4.74E+00	4.12E+00
Receptor_460	373900	3756500	1.07E+01	9.92E+00	6.62E+00	6.52E+00	6.12E+00	5.23E+00	4.39E+00	3.63E+00
Receptor_461	373900	3757500	9.35E+00	8.84E+00	5.92E+00	5.85E+00	5.74E+00	4.59E+00	4.15E+00	3.36E+00
Receptor_462	373900	3758500	1.27E+01	1.26E+01	7.36E+00	7.24E+00	6.27E+00	6.18E+00	4.49E+00	4.23E+00
Receptor_463	373900	3760500	1.79E+01	1.58E+01	9.89E+00	9.68E+00	8.73E+00	8.21E+00	5.39E+00	5.03E+00
Receptor_464	373900	3761500	2.48E+01	2.44E+01	1.49E+01	1.44E+01	1.19E+01	1.13E+01	7.71E+00	7.29E+00
Receptor_465	373900	3764500	4.85E+01	4.06E+01	2.39E+01	2.29E+01	1.99E+01	1.97E+01	1.24E+01	1.15E+01
Receptor_466	374900	3754500	2.70E+01	2.53E+01	1.56E+01	1.33E+01	1.23E+01	1.19E+01	7.39E+00	7.19E+00
Receptor_467	374900	3755500	4.83E+01	4.65E+01	2.81E+01	2.72E+01	2.55E+01	2.40E+01	1.51E+01	1.47E+01
Receptor_468	374900	3756500	4.10E+01	3.73E+01	2.26E+01	2.24E+01	2.07E+01	2.03E+01	1.26E+01	1.25E+01
Receptor_469	374900	3757500	2.96E+01	2.69E+01	1.80E+01	1.66E+01	1.57E+01	1.56E+01	1.01E+01	9.58E+00
Receptor_470	374900	3759500	2.29E+01	2.22E+01	1.42E+01	1.35E+01	1.40E+01	1.28E+01	8.70E+00	8.37E+00
Receptor_471	374900	3760500	2.46E+01	2.42E+01	1.48E+01	1.46E+01	1.22E+01	1.20E+01	8.11E+00	7.82E+00
Receptor_472	374900	3761500	2.87E+01	2.77E+01	1.58E+01	1.53E+01	1.28E+01	1.14E+01	8.01E+00	7.87E+00
Receptor_473	374900	3762500	2.70E+01	2.69E+01	1.52E+01	1.40E+01	1.12E+01	9.50E+00	7.17E+00	6.88E+00
Receptor_474	374900	3763500	2.21E+01	2.17E+01	1.25E+01	1.23E+01	9.21E+00	8.60E+00	6.29E+00	6.28E+00
Receptor_475	374900	3764500	1.98E+01	1.95E+01	1.11E+01	1.10E+01	8.88E+00	8.75E+00	6.26E+00	5.84E+00
Receptor_476	375900	3753500	2.03E+01	1.92E+01	1.09E+01	1.03E+01	8.20E+00	8.12E+00	5.78E+00	5.22E+00
Receptor_477	375900	3755500	1.60E+01	1.54E+01	9.47E+00	9.23E+00	7.71E+00	7.20E+00	5.47E+00	5.17E+00
Receptor_478	375900	3756500	1.76E+01	1.72E+01	1.06E+01	1.05E+01	9.36E+00	8.38E+00	6.28E+00	5.90E+00
Receptor_479	375900	3760500	1.27E+01	1.16E+01	7.63E+00	7.04E+00	6.66E+00	6.01E+00	4.51E+00	4.29E+00
Receptor_480	375900	3761500	1.06E+01	1.03E+01	6.32E+00	6.25E+00	5.59E+00	5.23E+00	3.96E+00	3.74E+00
Receptor_481	375900	3762500	1.04E+01	9.42E+00	5.78E+00	5.61E+00	5.04E+00	5.00E+00	3.72E+00	3.58E+00
Receptor_482	375900	3763500	1.14E+01	1.12E+01	7.36E+00	6.52E+00	6.12E+00	5.75E+00	4.44E+00	4.26E+00
Receptor_483	375900	3764500	1.42E+01	1.38E+01	8.62E+00	8.48E+00	7.86E+00	7.52E+00	5.60E+00	5.26E+00
Receptor_484	376084.62	3761776.42	1.99E+01	1.72E+01	1.02E+01	9.79E+00	9.35E+00	9.33E+00	6.49E+00	6.13E+00
Receptor_485	376900	3755500	2.58E+01	2.30E+01	1.46E+01	1.14E+01	8.68E+00	8.63E+00	5.78E+00	5.33E+00
Receptor_486	376900	3756500	2.19E+01	2.13E+01	1.40E+01	1.28E+01	9.62E+00	9.51E+00	5.92E+00	5.83E+00
Receptor_487	376900	3758500	5.71E+01	4.97E+01	3.19E+01	2.73E+01	2.01E+01	1.86E+01	1.18E+01	1.14E+01
Receptor_488	376900	3759500	2.80E+01	2.42E+01	1.75E+01	1.46E+01	1.37E+01	1.36E+01	8.69E+00	8.67E+00
Receptor_489	376900	3760500	2.84E+01	2.68E+01	1.71E+01	1.62E+01	1.33E+01	1.33E+01	8.55E+00	8.26E+00
Receptor_490	376900	3761500	2.09E+01	1.80E+01	1.31E+01	1.12E+01	1.05E+01	1.04E+01	7.07E+00	6.90E+00
Receptor_491	376900	3762500	2.36E+01	2.27E+01	1.41E+01	1.35E+01	1.11E+01	1.07E+01	7.29E+00	7.07E+00
Receptor_492	376900	3764500	2.42E+01	2.39E+01	1.47E+01	1.45E+01	1.14E+01	1.12E+01	7.88E+00	7.45E+00
Receptor_493	377900	3753500	2.18E+01	2.12E+01	1.16E+01	1.09E+01	9.30E+00	8.26E+00	5.76E+00	5.23E+00
Receptor_494	377900	3754500	2.33E+01	2.02E+01	1.16E+01	1.13E+01	9.22E+00	7.66E+00	6.13E+00	5.22E+00
Receptor_495	377900	3755500	2.01E+01	1.95E+01	1.10E+01	1.07E+01	8.40E+00	7.96E+00	5.72E+00	5.31E+00
Receptor_496	377900	3756500	1.69E+01	1.67E+01	9.69E+00	9.48E+00	8.46E+00	7.09E+00	5.31E+00	5.22E+00
Receptor_497	377900	3757500	1.45E+01	1.44E+01	9.06E+00	8.71E+00	7.61E+00	6.80E+00	5.07E+00	4.91E+00
Receptor_498	377900	3759500	1.67E+01	1.63E+01	9.84E+00	9.61E+00	9.05E+00	8.83E+00	5.86E+00	5.86E+00
Receptor_499	377900	3760500	1.16E+01	1.11E+01	7.31E+00	6.78E+00	6.27E+00	6.10E+00	4.45E+00	4.39E+00
Receptor_500	377900	3761500	1.06E+01	1.05E+01	6.51E+00	6.05E+00	5.86E+00	5.36E+00	4.12E+00	3.97E+00
Receptor_501	377900	3762500	9.41E+00	9.33E+00	6.05E+00	5.57E+00	5.56E+00	4.88E+00	3.86E+00	3.66E+00
Receptor_502	377900	3763500	9.12E+00	9.11E+00	6.60E+00	6.06E+00	5.44E+00	5.02E+00	4.17E+00	3.89E+00
Receptor_503	377900	3764500	1.09E+01	9.96E+00	6.45E+00	6.33E+00	5.76E+00	5.42E+00	4.38E+00	4.13E+00
Receptor_504	378528.59	3764156.44	1.57E+01	1.29E+01	8.56E+00	7.47E+00	6.91E+00	6.86E+00	5.04E+00	4.79E+00
Receptor_505	378900	3753500	1.40E+01	1.32E+01	8.33E+00	6.99E+00	7.83E+00	7.55E+00	5.41E+00	5.18E+00
Receptor_506	378900	3755500	1.40E+01	1.26E+01	7.80E+00	7.40E+00	6.38E+00	6.35E+00	4.69E+00	4.59E+00
Receptor_507	378900	3756500	1.45E+01	1.36E+01	8.81E+00	8.15E+00	7.32E+00	7.28E+00	5.24E+00	5.11E+00
Receptor_508	378900	3757500	2.87E+01	2.78E+01	1.55E+01	1.54E+01	1.21E+01	1.19E+01	7.77E+00	7.69E+00
Receptor_509	378900	3758500	3.63E+01	3.44E+01	2.09E+01	2.07E+01	2.25E+01	2.13E+01	1.40E+01	1.32E+01
Receptor_510	378900	3759500	2.08E+01	2.03E+01	1.27E+01	1.23E+01	1.17E+01	1.16E+01	7.66E+00	7.57E+00
Receptor_511	378900	3760500	2.06E+01	2.04E+01	1.38E+01	1.31E+01	1.07E+01	1.05E+01	7.05E+00	6.83E+00
Receptor_512	378900	3762500	2.02E+01	1.94E+01	1.21E+01	1.14E+01	9.54E+00	9.30E+00	5.94E+00	5.78E+00
Receptor_513	378900	3763500	2.00E+01	1.83E+01	1.17E+01	1.08E+01	8.83E+00	8.75E+00	6.02E+00	5.58E+00
Receptor_514	378900	3764500	2.30E+01	2.21E+01	1.51E+01	1.26E+01	9.88E+00	9.87E+00	6.89E+00	6.23E+00
Receptor_515	378902.85	3757271.45	1.76E+01	1.74E+01	1.07E+01	1.03E+01	8.43E+00	8.38E+00	5.94E+00	5.86E+00
Receptor_516	379900	3754500	1.66E+01	1.63E+01	9.62E+00	9.44E+00	8.36E+00	8.12E+00	5.72E+00	5.61E+00
Receptor_517	379900	3755500	1.59E+01	1.57E+01	9.71E+00	9.62E+00	8.23E+00	7.34E+00	5.62E+00	5.09E+00
Receptor_518	379900	3756500	1.47E+01	1.45E+01	9.59E+00	9.32E+00	8.12E+00	7.52E+00	5.64E+00	5.05E+00
Receptor_519	379900	3757500	1.93E+01	1.92E+01	1.12E+01	1.09E+01	1.07E+01	1.03E+01	7.11E+00	6.55E+00
Receptor_520	379900	3759500	1.42E+01	1.30E+01	8.35E+00	7.75E+00	6.77E+00	6.57E+00	4.77E+00	4.54E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_521	379900	3760500	1.28E+01	1.16E+01	7.78E+00	6.80E+00	5.89E+00	5.66E+00	4.20E+00	4.12E+00
Receptor_522	379900	3761500	1.10E+01	1.09E+01	7.17E+00	6.35E+00	5.37E+00	5.25E+00	3.93E+00	3.91E+00
Receptor_523	379900	3762500	7.79E+00	7.74E+00	5.85E+00	5.61E+00	5.32E+00	4.87E+00	4.14E+00	3.83E+00
Receptor_524	379900	3763500	1.23E+01	1.12E+01	6.50E+00	6.49E+00	6.88E+00	6.71E+00	4.98E+00	4.91E+00
Receptor_525	379900	3764500	1.88E+01	1.62E+01	1.09E+01	9.76E+00	9.47E+00	9.18E+00	6.44E+00	6.29E+00
Receptor_526	380900	3753500	1.42E+01	1.35E+01	7.95E+00	7.30E+00	6.98E+00	6.71E+00	4.96E+00	4.80E+00
Receptor_527	380900	3754500	1.30E+01	1.11E+01	6.82E+00	5.93E+00	5.74E+00	5.74E+00	4.34E+00	4.28E+00
Receptor_528	380900	3755500	1.17E+01	1.07E+01	7.21E+00	6.62E+00	6.30E+00	6.22E+00	4.68E+00	4.59E+00
Receptor_529	380900	3756500	1.34E+01	1.20E+01	8.29E+00	7.73E+00	7.92E+00	7.79E+00	5.72E+00	5.56E+00
Receptor_530	380900	3757500	7.83E+01	7.67E+01	4.70E+01	4.58E+01	2.74E+01	2.47E+01	1.68E+01	1.55E+01
Receptor_531	380900	3758500	1.73E+01	1.62E+01	9.59E+00	9.30E+00	8.80E+00	8.46E+00	5.88E+00	5.60E+00
Receptor_532	380900	3759500	2.93E+01	2.26E+01	1.79E+01	1.48E+01	8.47E+00	8.44E+00	5.74E+00	5.58E+00
Receptor_533	380900	3760500	3.59E+01	2.52E+01	1.85E+01	1.61E+01	1.13E+01	1.07E+01	6.85E+00	6.78E+00
Receptor_534	380900	3761500	1.69E+01	1.32E+01	9.33E+00	8.15E+00	6.66E+00	6.56E+00	4.72E+00	4.55E+00
Receptor_535	380900	3762500	1.63E+01	1.43E+01	1.02E+01	8.73E+00	7.47E+00	7.27E+00	5.03E+00	4.66E+00
Receptor_536	380900	3763500	1.72E+01	1.40E+01	9.05E+00	8.96E+00	7.71E+00	7.22E+00	5.24E+00	4.53E+00
Receptor_537	381900	3754500	1.36E+01	1.16E+01	8.87E+00	7.79E+00	6.58E+00	6.11E+00	4.75E+00	4.20E+00
Receptor_538	381900	3755500	1.36E+01	1.35E+01	9.18E+00	8.14E+00	6.55E+00	6.16E+00	4.77E+00	4.39E+00
Receptor_539	381900	3756500	1.37E+01	1.32E+01	7.94E+00	7.93E+00	6.43E+00	6.40E+00	4.58E+00	4.56E+00
Receptor_540	381900	3757500	1.40E+01	1.35E+01	8.06E+00	7.89E+00	6.90E+00	6.81E+00	4.82E+00	4.65E+00
Receptor_541	381900	3759500	2.07E+01	2.02E+01	1.23E+01	1.19E+01	1.09E+01	1.02E+01	7.18E+00	6.70E+00
Receptor_542	381900	3760500	1.50E+01	1.38E+01	9.32E+00	8.97E+00	7.16E+00	6.25E+00	4.97E+00	4.40E+00
Receptor_543	381900	3761500	1.31E+01	1.27E+01	8.07E+00	7.77E+00	6.21E+00	5.31E+00	4.51E+00	3.85E+00
Receptor_544	381900	3762500	1.24E+01	1.20E+01	7.10E+00	6.98E+00	5.52E+00	5.09E+00	4.14E+00	3.68E+00
Receptor_545	381900	3763500	1.01E+01	8.68E+00	5.36E+00	5.32E+00	5.04E+00	5.02E+00	3.95E+00	3.79E+00
Receptor_546	381900	3764500	1.15E+01	9.31E+00	6.75E+00	5.68E+00	5.04E+00	5.01E+00	3.96E+00	3.82E+00
Receptor_547	382900	3753500	1.71E+01	1.65E+01	9.28E+00	9.19E+00	7.12E+00	6.84E+00	5.12E+00	4.89E+00
Receptor_548	382900	3754500	1.04E+01	9.42E+00	5.84E+00	5.11E+00	5.15E+00	5.05E+00	4.01E+00	3.91E+00
Receptor_549	382900	3755500	1.04E+01	8.81E+00	5.96E+00	5.56E+00	5.50E+00	5.36E+00	4.22E+00	4.09E+00
Receptor_550	382900	3756500	1.14E+01	1.03E+01	6.98E+00	6.38E+00	6.43E+00	6.35E+00	4.77E+00	4.68E+00
Receptor_551	382900	3757500	1.93E+01	1.71E+01	1.19E+01	1.02E+01	9.88E+00	9.87E+00	6.81E+00	6.60E+00
Receptor_552	382900	3758500	1.83E+01	1.79E+01	1.07E+01	1.07E+01	8.81E+00	8.53E+00	6.06E+00	5.77E+00
Receptor_553	382900	3759500	1.83E+01	1.73E+01	1.16E+01	1.10E+01	6.59E+00	6.50E+00	4.52E+00	4.49E+00
Receptor_554	382900	3760500	2.11E+01	1.58E+01	1.29E+01	1.01E+01	6.03E+00	5.97E+00	4.32E+00	4.10E+00
Receptor_555	382900	3761500	1.89E+01	1.67E+01	1.08E+01	1.03E+01	7.71E+00	7.58E+00	4.91E+00	4.81E+00
Receptor_556	382900	3762500	2.52E+01	1.52E+01	1.31E+01	8.11E+00	6.83E+00	5.71E+00	4.27E+00	4.19E+00
Receptor_557	382900	3763500	1.60E+01	1.42E+01	9.28E+00	8.33E+00	6.67E+00	6.38E+00	4.37E+00	4.09E+00
Receptor_558	382900	3764500	1.37E+01	1.30E+01	8.75E+00	7.99E+00	6.62E+00	6.21E+00	4.48E+00	4.12E+00
Receptor_559	383900	3753500	1.01E+01	9.72E+00	6.55E+00	5.97E+00	5.69E+00	5.37E+00	4.14E+00	3.94E+00
Receptor_560	383900	3754500	1.18E+01	9.97E+00	7.42E+00	6.58E+00	6.02E+00	5.15E+00	4.34E+00	3.93E+00
Receptor_561	383900	3755500	1.33E+01	1.24E+01	8.98E+00	7.04E+00	6.66E+00	5.77E+00	4.74E+00	4.26E+00
Receptor_562	383900	3756500	1.42E+01	1.36E+01	8.27E+00	7.99E+00	6.76E+00	5.98E+00	4.56E+00	4.19E+00
Receptor_563	383900	3757500	1.97E+01	1.96E+01	1.25E+01	1.19E+01	1.05E+01	1.03E+01	7.07E+00	7.06E+00
Receptor_564	383900	3762500	1.34E+01	1.32E+01	7.72E+00	7.66E+00	6.17E+00	6.06E+00	4.40E+00	4.21E+00
Receptor_565	383900	3763500	1.42E+01	1.34E+01	8.09E+00	7.68E+00	5.79E+00	5.48E+00	4.15E+00	3.84E+00
Receptor_566	383900	3764500	1.35E+01	1.29E+01	8.15E+00	8.11E+00	5.80E+00	4.90E+00	4.13E+00	3.53E+00
Receptor_567	384900	3753500	1.20E+01	1.07E+01	7.35E+00	7.27E+00	6.57E+00	5.64E+00	4.86E+00	4.27E+00
Receptor_568	384900	3754500	9.66E+00	9.38E+00	5.54E+00	5.35E+00	4.61E+00	4.50E+00	3.70E+00	3.59E+00
Receptor_569	384900	3755500	9.21E+00	8.52E+00	5.34E+00	4.79E+00	4.78E+00	4.64E+00	3.80E+00	3.67E+00
Receptor_570	384900	3756500	9.71E+00	7.43E+00	4.81E+00	4.80E+00	4.80E+00	4.70E+00	3.81E+00	3.71E+00
Receptor_571	384900	3757500	9.46E+00	9.08E+00	6.01E+00	5.96E+00	5.73E+00	5.40E+00	4.36E+00	4.10E+00
Receptor_572	384900	3758500	1.52E+01	1.21E+01	9.48E+00	7.46E+00	7.04E+00	7.02E+00	5.13E+00	5.01E+00
Receptor_573	384900	3759500	2.16E+01	2.03E+01	1.36E+01	1.18E+01	1.08E+01	1.03E+01	7.29E+00	6.93E+00
Receptor_574	384900	3760500	1.41E+01	1.38E+01	8.32E+00	8.19E+00	6.56E+00	6.53E+00	4.72E+00	4.61E+00
Receptor_575	384900	3761500	1.09E+01	1.07E+01	6.33E+00	6.32E+00	6.27E+00	6.10E+00	4.57E+00	4.41E+00
Receptor_576	384900	3762500	1.56E+01	1.39E+01	9.67E+00	8.94E+00	5.40E+00	5.01E+00	3.95E+00	3.65E+00
Receptor_577	384900	3763500	1.65E+01	1.46E+01	1.01E+01	8.99E+00	5.27E+00	5.22E+00	4.02E+00	3.61E+00
Receptor_578	384900	3764500	1.29E+01	1.25E+01	8.67E+00	8.45E+00	5.63E+00	5.59E+00	4.28E+00	4.19E+00
Receptor_579	366900	3760500	2.20E+01	1.72E+01	1.15E+01	1.03E+01	1.02E+01	9.31E+00	6.82E+00	6.45E+00
Receptor_580	366900	3761500	9.97E+00	9.34E+00	6.17E+00	5.39E+00	5.52E+00	5.42E+00	4.15E+00	4.00E+00
Receptor_581	367900	3753500	8.72E+00	8.67E+00	5.41E+00	5.25E+00	5.04E+00	4.97E+00	3.81E+00	3.80E+00
Receptor_582	367900	3754500	9.40E+00	9.34E+00	6.26E+00	5.59E+00	5.34E+00	4.92E+00	3.92E+00	3.73E+00
Receptor_583	367900	3760500	1.28E+01	1.00E+01	7.46E+00	6.40E+00	5.97E+00	5.01E+00	4.24E+00	3.84E+00
Receptor_584	367900	3763500	1.34E+01	1.17E+01	8.85E+00	6.59E+00	6.27E+00	5.20E+00	4.52E+00	3.95E+00
Receptor_585	368900	3753500	1.91E+01	1.82E+01	1.20E+01	1.06E+01	9.61E+00	8.82E+00	6.54E+00	6.18E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_586	368900	3758500	1.35E+01	1.31E+01	7.88E+00	7.62E+00	5.92E+00	5.18E+00	4.24E+00	3.96E+00
Receptor_587	368900	3760500	1.25E+01	1.24E+01	7.18E+00	6.87E+00	5.20E+00	4.91E+00	3.84E+00	3.65E+00
Receptor_588	369079.58	3758184.29	1.16E+01	1.10E+01	6.65E+00	6.57E+00	4.85E+00	4.84E+00	3.63E+00	3.55E+00
Receptor_589	369900	3753500	1.05E+01	9.88E+00	6.33E+00	5.72E+00	4.37E+00	4.29E+00	3.57E+00	3.17E+00
Receptor_590	369900	3760500	1.14E+01	9.28E+00	6.51E+00	4.97E+00	4.61E+00	4.25E+00	3.71E+00	3.30E+00
Receptor_591	369900	3763500	9.00E+00	8.22E+00	5.33E+00	5.27E+00	4.83E+00	4.41E+00	3.83E+00	3.51E+00
Receptor_592	370313.67	3758254.27	1.15E+01	1.08E+01	7.50E+00	6.76E+00	5.71E+00	5.20E+00	4.36E+00	3.87E+00
Receptor_593	370834.03	3758177.01	1.40E+01	1.10E+01	8.83E+00	6.88E+00	6.45E+00	6.00E+00	4.78E+00	4.33E+00
Receptor_594	370900	3753500	4.56E+01	4.55E+01	2.70E+01	2.67E+01	1.99E+01	1.98E+01	1.24E+01	1.23E+01
Receptor_595	370900	3754500	1.44E+01	1.41E+01	9.05E+00	8.50E+00	6.61E+00	6.53E+00	4.70E+00	4.61E+00
Receptor_596	370900	3755500	1.35E+01	1.27E+01	8.11E+00	7.87E+00	5.81E+00	5.72E+00	4.23E+00	4.18E+00
Receptor_597	370900	3758500	1.01E+01	9.94E+00	6.07E+00	5.71E+00	5.42E+00	5.37E+00	4.06E+00	3.98E+00
Receptor_598	370900	3761500	1.83E+01	1.82E+01	1.16E+01	1.12E+01	6.39E+00	5.74E+00	4.59E+00	4.03E+00
Receptor_599	370933.96	3757895.9	1.13E+01	1.12E+01	7.13E+00	7.09E+00	4.57E+00	3.85E+00	3.56E+00	3.11E+00
Receptor_600	371041	3757083	2.74E+01	2.15E+01	1.65E+01	1.38E+01	1.09E+01	9.69E+00	6.93E+00	6.77E+00
Receptor_601	371041	3757183	9.41E+00	9.33E+00	5.60E+00	5.43E+00	5.19E+00	5.15E+00	3.93E+00	3.90E+00
Receptor_602	371041	3757283	9.67E+00	9.61E+00	6.28E+00	6.27E+00	5.87E+00	5.81E+00	4.34E+00	4.29E+00
Receptor_603	371141	3757083	8.02E+00	7.27E+00	5.03E+00	4.83E+00	5.00E+00	4.77E+00	3.79E+00	3.60E+00
Receptor_604	371141	3757183	9.37E+00	8.23E+00	6.22E+00	5.70E+00	5.23E+00	4.77E+00	4.21E+00	3.93E+00
Receptor_605	371141	3757283	9.87E+00	9.15E+00	6.54E+00	6.04E+00	5.50E+00	4.76E+00	4.04E+00	3.60E+00
Receptor_606	371150	3757970.99	1.33E+01	1.05E+01	7.40E+00	6.61E+00	6.41E+00	5.27E+00	4.46E+00	4.00E+00
Receptor_607	371241	3757083	1.86E+01	1.52E+01	1.16E+01	9.60E+00	9.53E+00	8.64E+00	6.42E+00	6.00E+00
Receptor_608	371241	3757183	1.43E+01	1.35E+01	9.73E+00	7.20E+00	6.27E+00	5.24E+00	4.54E+00	4.02E+00
Receptor_609	371341	3757083	1.37E+01	1.19E+01	7.61E+00	7.47E+00	5.23E+00	4.66E+00	3.84E+00	3.54E+00
Receptor_610	371341	3757183	1.17E+01	1.16E+01	7.36E+00	6.67E+00	4.70E+00	4.41E+00	3.55E+00	3.34E+00
Receptor_611	371441	3757083	1.10E+01	1.09E+01	6.29E+00	6.09E+00	4.21E+00	3.97E+00	3.48E+00	3.27E+00
Receptor_612	371441	3757183	1.07E+01	9.35E+00	6.03E+00	5.43E+00	4.53E+00	4.33E+00	3.68E+00	3.29E+00
Receptor_613	371539.56	3757095.63	1.19E+01	1.16E+01	7.55E+00	6.35E+00	5.03E+00	4.63E+00	3.98E+00	3.49E+00
Receptor_614	371540.36	3757178.31	1.19E+01	1.01E+01	7.60E+00	6.12E+00	5.24E+00	5.03E+00	4.09E+00	3.89E+00
Receptor_615	371614.33	3757093.32	2.25E+01	1.79E+01	1.34E+01	1.04E+01	8.25E+00	7.97E+00	5.47E+00	5.32E+00
Receptor_616	371615.15	3757177.59	1.88E+01	1.82E+01	1.16E+01	1.15E+01	7.92E+00	7.61E+00	5.35E+00	5.13E+00
Receptor_617	371641	3757083	1.30E+01	1.22E+01	7.82E+00	7.75E+00	5.94E+00	5.54E+00	4.23E+00	4.14E+00
Receptor_618	371641	3757183	1.25E+01	1.19E+01	7.57E+00	7.44E+00	5.37E+00	5.05E+00	3.92E+00	3.79E+00
Receptor_619	371741	3757083	9.15E+00	7.94E+00	5.24E+00	5.10E+00	4.63E+00	4.62E+00	3.59E+00	3.53E+00
Receptor_620	371741	3757183	9.26E+00	9.25E+00	6.16E+00	5.95E+00	5.14E+00	5.05E+00	3.89E+00	3.87E+00
Receptor_621	371741	3757283	9.52E+00	8.97E+00	5.97E+00	5.74E+00	5.45E+00	5.29E+00	4.08E+00	4.04E+00
Receptor_622	371841	3757083	1.71E+01	1.64E+01	1.08E+01	1.06E+01	9.74E+00	9.59E+00	6.81E+00	6.66E+00
Receptor_623	371841	3757183	9.16E+00	8.62E+00	5.62E+00	5.31E+00	4.90E+00	4.85E+00	3.76E+00	3.73E+00
Receptor_624	371841	3757283	9.21E+00	9.11E+00	6.08E+00	5.86E+00	5.61E+00	5.57E+00	4.21E+00	4.13E+00
Receptor_625	371900	3753500	8.09E+00	8.01E+00	5.02E+00	4.64E+00	4.53E+00	4.43E+00	3.47E+00	3.45E+00
Receptor_626	371900	3754500	9.48E+00	8.25E+00	4.89E+00	4.81E+00	4.72E+00	4.41E+00	3.51E+00	3.36E+00
Receptor_627	371900	3760500	9.55E+00	8.53E+00	5.90E+00	5.27E+00	4.82E+00	4.42E+00	3.65E+00	3.39E+00
Receptor_628	371900	3761500	9.66E+00	8.91E+00	6.34E+00	6.02E+00	5.27E+00	4.55E+00	3.91E+00	3.54E+00
Receptor_629	371900	3764500	1.64E+01	1.44E+01	1.00E+01	8.12E+00	7.57E+00	6.79E+00	5.07E+00	4.55E+00
Receptor_630	371941	3757083	1.35E+01	1.10E+01	8.20E+00	7.43E+00	6.26E+00	5.39E+00	4.43E+00	3.94E+00
Receptor_631	371941	3757183	1.30E+01	1.05E+01	8.78E+00	6.11E+00	5.52E+00	4.39E+00	4.05E+00	3.47E+00
Receptor_632	371941	3757283	1.12E+01	1.09E+01	7.43E+00	6.24E+00	4.90E+00	4.10E+00	3.67E+00	3.30E+00
Receptor_633	371941	3757383	8.57E+00	8.23E+00	5.06E+00	5.00E+00	3.96E+00	3.72E+00	3.33E+00	3.04E+00
Receptor_634	372041	3757083	1.18E+01	1.11E+01	7.17E+00	5.60E+00	4.29E+00	4.06E+00	3.53E+00	3.21E+00
Receptor_635	372041	3757183	1.08E+01	1.07E+01	7.00E+00	6.55E+00	4.85E+00	4.84E+00	3.86E+00	3.58E+00
Receptor_636	372041	3757283	1.50E+01	1.49E+01	9.43E+00	9.14E+00	7.58E+00	6.74E+00	5.20E+00	4.95E+00
Receptor_637	372041	3757383	3.97E+01	3.24E+01	2.37E+01	1.94E+01	1.29E+01	1.10E+01	8.39E+00	7.47E+00
Receptor_638	372041	3757783	1.62E+01	1.52E+01	1.01E+01	9.68E+00	5.85E+00	5.43E+00	4.25E+00	3.91E+00
Receptor_639	372041	3757883	1.62E+01	1.16E+01	8.82E+00	7.23E+00	5.27E+00	4.40E+00	3.77E+00	3.48E+00
Receptor_640	372041	3757983	1.21E+01	1.15E+01	7.20E+00	7.18E+00	4.82E+00	4.15E+00	3.59E+00	3.29E+00
Receptor_641	372141	3757083	8.49E+00	7.59E+00	5.05E+00	4.99E+00	4.30E+00	4.27E+00	3.35E+00	3.34E+00
Receptor_642	372141	3757183	8.55E+00	8.52E+00	5.71E+00	5.50E+00	4.66E+00	4.48E+00	3.66E+00	3.60E+00
Receptor_643	372141	3757283	8.52E+00	8.29E+00	5.15E+00	5.01E+00	4.83E+00	4.72E+00	3.72E+00	3.71E+00
Receptor_644	372141	3757783	9.70E+00	9.16E+00	6.00E+00	5.80E+00	5.19E+00	5.12E+00	3.93E+00	3.92E+00
Receptor_645	372141	3757883	8.62E+00	8.18E+00	5.50E+00	5.26E+00	4.92E+00	4.88E+00	3.83E+00	3.75E+00
Receptor_646	372141	3757983	9.38E+00	9.27E+00	5.97E+00	5.88E+00	5.35E+00	5.32E+00	4.06E+00	3.98E+00
Receptor_647	372241	3757083	1.23E+01	1.04E+01	6.35E+00	6.18E+00	4.42E+00	4.19E+00	3.49E+00	3.29E+00
Receptor_648	372241	3757183	1.06E+01	1.04E+01	6.02E+00	5.78E+00	4.57E+00	4.49E+00	3.41E+00	3.24E+00
Receptor_649	372241	3757283	9.73E+00	8.88E+00	5.55E+00	4.95E+00	4.71E+00	4.27E+00	3.48E+00	3.25E+00
Receptor_650	372241	3757483	9.28E+00	8.54E+00	5.79E+00	5.42E+00	4.59E+00	4.03E+00	3.51E+00	3.23E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_651	372241	3757583	1.22E+01	9.93E+00	7.58E+00	6.36E+00	5.31E+00	4.49E+00	3.97E+00	3.49E+00
Receptor_652	372241	3757683	1.33E+01	1.14E+01	8.11E+00	7.00E+00	6.09E+00	5.46E+00	4.27E+00	3.81E+00
Receptor_653	372241	3757783	1.25E+01	9.37E+00	7.12E+00	6.27E+00	5.29E+00	4.23E+00	3.78E+00	3.31E+00
Receptor_654	372341	3757083	1.19E+01	8.64E+00	7.92E+00	5.81E+00	4.98E+00	3.83E+00	3.69E+00	3.12E+00
Receptor_655	372341	3757183	1.09E+01	1.03E+01	6.70E+00	6.07E+00	3.94E+00	3.88E+00	3.33E+00	2.94E+00
Receptor_656	372341	3757283	1.02E+01	9.24E+00	6.06E+00	5.96E+00	4.01E+00	3.84E+00	3.26E+00	3.00E+00
Receptor_657	372341	3757383	1.05E+01	1.02E+01	6.76E+00	6.22E+00	4.55E+00	4.04E+00	3.34E+00	3.17E+00
Receptor_658	372341	3757483	3.46E+01	3.13E+01	2.00E+01	1.85E+01	7.55E+00	6.56E+00	4.65E+00	4.47E+00
Receptor_659	372341	3757583	1.66E+01	1.58E+01	1.03E+01	9.81E+00	5.70E+00	5.15E+00	4.14E+00	3.72E+00
Receptor_660	372341	3757683	1.31E+01	1.26E+01	8.51E+00	7.65E+00	5.08E+00	4.02E+00	3.79E+00	3.06E+00
Receptor_661	372341	3757783	1.71E+01	1.08E+01	9.36E+00	6.78E+00	4.63E+00	3.83E+00	3.35E+00	3.06E+00
Receptor_662	372441	3757083	1.58E+01	1.50E+01	9.30E+00	8.43E+00	4.72E+00	4.12E+00	3.49E+00	3.01E+00
Receptor_663	372441	3757183	8.66E+00	7.86E+00	5.51E+00	5.22E+00	4.01E+00	3.61E+00	3.14E+00	3.02E+00
Receptor_664	372441	3757283	7.91E+00	7.76E+00	5.25E+00	5.06E+00	4.01E+00	3.68E+00	3.17E+00	3.09E+00
Receptor_665	372441	3757383	8.22E+00	7.28E+00	4.99E+00	4.55E+00	3.78E+00	3.72E+00	3.11E+00	3.11E+00
Receptor_666	372441	3757483	7.48E+00	7.45E+00	4.79E+00	4.56E+00	3.89E+00	3.70E+00	3.11E+00	3.07E+00
Receptor_667	372441	3757583	9.88E+00	9.51E+00	6.22E+00	5.80E+00	3.78E+00	3.63E+00	3.06E+00	3.03E+00
Receptor_668	372441	3757683	1.01E+01	1.00E+01	6.15E+00	6.11E+00	3.81E+00	3.76E+00	3.12E+00	3.09E+00
Receptor_669	372441	3757783	9.65E+00	9.44E+00	6.41E+00	5.53E+00	3.86E+00	3.81E+00	3.15E+00	3.08E+00
Receptor_670	372441	3757883	1.14E+01	9.52E+00	5.72E+00	4.99E+00	3.78E+00	3.65E+00	3.04E+00	3.01E+00
Receptor_671	372441	3757983	9.80E+00	9.20E+00	5.50E+00	5.23E+00	4.19E+00	3.93E+00	3.19E+00	2.92E+00
Receptor_672	372541	3757083	9.03E+00	8.36E+00	5.30E+00	4.78E+00	4.32E+00	3.51E+00	3.26E+00	2.93E+00
Receptor_673	372541	3757183	1.01E+01	8.61E+00	6.36E+00	5.40E+00	4.31E+00	3.52E+00	3.35E+00	2.95E+00
Receptor_674	372541	3757283	9.36E+00	9.31E+00	5.86E+00	5.80E+00	4.44E+00	4.32E+00	3.47E+00	3.02E+00
Receptor_675	372541	3757383	1.07E+01	9.36E+00	6.62E+00	6.23E+00	4.69E+00	4.16E+00	3.53E+00	2.95E+00
Receptor_676	372541	3757483	1.18E+01	8.79E+00	6.43E+00	5.81E+00	4.80E+00	3.68E+00	3.46E+00	2.93E+00
Receptor_677	372541	3757583	2.23E+01	2.18E+01	1.27E+01	1.20E+01	1.16E+01	1.16E+01	7.73E+00	7.53E+00
Receptor_678	372541	3757683	2.80E+01	2.09E+01	1.70E+01	1.37E+01	7.35E+00	7.18E+00	5.00E+00	4.95E+00
Receptor_679	372541	3757783	1.95E+01	1.88E+01	1.08E+01	1.05E+01	9.03E+00	9.03E+00	6.26E+00	6.00E+00
Receptor_680	372541	3757883	1.28E+01	1.17E+01	7.78E+00	7.35E+00	5.19E+00	4.93E+00	3.81E+00	3.71E+00
Receptor_681	372541	3757983	2.65E+01	2.37E+01	1.33E+01	1.11E+01	9.10E+00	8.26E+00	6.16E+00	5.41E+00
Receptor_682	372641	3757383	5.22E+01	3.86E+01	3.09E+01	2.32E+01	2.13E+01	2.07E+01	1.34E+01	1.29E+01
Receptor_683	372641	3757483	6.30E+01	3.83E+01	3.75E+01	2.29E+01	1.96E+01	1.75E+01	1.24E+01	1.12E+01
Receptor_684	372641	3757583	6.96E+00	6.88E+00	4.78E+00	4.57E+00	4.22E+00	4.06E+00	3.34E+00	3.31E+00
Receptor_685	372641	3757683	9.55E+00	8.33E+00	5.34E+00	5.16E+00	4.13E+00	3.70E+00	3.42E+00	3.12E+00
Receptor_686	372641	3757783	1.02E+01	1.00E+01	5.72E+00	5.66E+00	3.83E+00	3.64E+00	3.25E+00	3.04E+00
Receptor_687	372641	3757883	2.20E+01	2.16E+01	1.25E+01	1.24E+01	9.27E+00	8.59E+00	6.41E+00	6.30E+00
Receptor_688	372641	3757983	7.79E+00	7.69E+00	5.28E+00	5.04E+00	4.45E+00	4.36E+00	3.53E+00	3.47E+00
Receptor_689	372741	3757683	1.08E+01	1.04E+01	6.38E+00	6.29E+00	4.71E+00	4.64E+00	3.42E+00	3.37E+00
Receptor_690	372741	3757783	5.53E+01	5.24E+01	3.11E+01	3.08E+01	3.11E+01	3.09E+01	2.04E+01	2.02E+01
Receptor_691	372741	3757883	1.00E+01	9.08E+00	6.02E+00	5.88E+00	5.17E+00	5.16E+00	3.95E+00	3.90E+00
Receptor_692	372741	3757983	1.17E+01	1.04E+01	7.17E+00	6.41E+00	6.44E+00	6.27E+00	4.76E+00	4.63E+00
Receptor_693	372841	3757783	1.61E+01	1.51E+01	8.55E+00	8.41E+00	7.25E+00	6.79E+00	4.72E+00	4.44E+00
Receptor_694	372841	3757883	2.36E+01	1.94E+01	1.26E+01	1.04E+01	9.00E+00	7.92E+00	5.38E+00	5.23E+00
Receptor_695	372841	3757983	3.59E+01	3.13E+01	2.12E+01	1.89E+01	1.56E+01	1.55E+01	9.91E+00	9.68E+00
Receptor_696	372843.75	3756668.92	2.44E+01	2.36E+01	1.47E+01	1.39E+01	1.26E+01	1.25E+01	8.15E+00	7.61E+00
Receptor_697	372857.79	3756854.91	3.09E+01	2.88E+01	1.30E+01	1.14E+01	1.27E+01	1.14E+01	6.12E+00	5.88E+00
Receptor_698	372900	3758500	3.50E+01	3.20E+01	1.91E+01	1.65E+01	1.27E+01	1.10E+01	7.70E+00	6.42E+00
Receptor_699	372900	3763500	3.51E+01	3.01E+01	1.87E+01	1.55E+01	1.24E+01	1.07E+01	7.52E+00	6.25E+00
Receptor_700	372900	3764500	4.39E+01	4.33E+01	2.48E+01	2.31E+01	2.50E+01	2.43E+01	1.50E+01	1.49E+01
Receptor_701	372941	3757783	3.25E+01	3.21E+01	1.91E+01	1.86E+01	1.40E+01	1.35E+01	9.08E+00	8.68E+00
Receptor_702	372941	3757883	2.52E+01	2.48E+01	1.58E+01	1.55E+01	1.16E+01	1.15E+01	6.98E+00	6.97E+00
Receptor_703	372941	3757983	3.16E+01	2.92E+01	1.92E+01	1.76E+01	1.42E+01	1.28E+01	8.64E+00	8.20E+00
Receptor_704	373035.5	3755453.68	2.40E+01	2.34E+01	1.39E+01	1.36E+01	1.07E+01	9.60E+00	6.17E+00	6.08E+00
Receptor_705	373035.5	3755652.82	1.99E+01	1.96E+01	1.19E+01	1.14E+01	9.35E+00	7.94E+00	6.13E+00	5.49E+00
Receptor_706	373041	3757783	2.51E+01	2.05E+01	1.35E+01	1.25E+01	9.94E+00	8.64E+00	5.78E+00	5.78E+00
Receptor_707	373041	3757883	2.28E+01	2.20E+01	1.26E+01	1.26E+01	1.09E+01	1.06E+01	7.30E+00	7.27E+00
Receptor_708	373041	3757983	1.92E+01	1.87E+01	1.28E+01	1.07E+01	8.17E+00	7.93E+00	5.79E+00	5.10E+00
Receptor_709	373141	3757783	1.38E+01	1.21E+01	8.39E+00	7.41E+00	7.21E+00	7.20E+00	5.22E+00	5.17E+00
Receptor_710	373141	3757883	1.41E+01	1.24E+01	9.41E+00	7.88E+00	6.65E+00	5.97E+00	4.81E+00	4.22E+00
Receptor_711	373141	3757983	1.17E+01	1.11E+01	6.91E+00	6.70E+00	6.17E+00	6.14E+00	4.59E+00	4.53E+00
Receptor_712	373241	3757783	1.14E+01	1.05E+01	6.98E+00	6.46E+00	6.18E+00	6.08E+00	4.60E+00	4.50E+00
Receptor_713	373241	3757883	1.56E+01	1.38E+01	9.72E+00	8.17E+00	7.28E+00	6.66E+00	4.72E+00	4.53E+00
Receptor_714	373241	3757983	1.38E+01	1.23E+01	8.45E+00	6.64E+00	5.93E+00	5.62E+00	4.28E+00	4.17E+00
Receptor_715	373247.31	3756833.85	1.20E+01	1.04E+01	6.31E+00	5.67E+00	5.54E+00	5.44E+00	4.23E+00	4.13E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_716	373250.82	3756654.89	1.12E+01	9.87E+00	6.08E+00	5.64E+00	5.64E+00	5.47E+00	4.20E+00	4.11E+00
Receptor_717	373258.92	3755458.54	1.53E+01	1.35E+01	9.34E+00	7.94E+00	6.55E+00	6.30E+00	4.60E+00	4.41E+00
Receptor_718	373278.35	3755647.97	1.19E+01	1.08E+01	7.28E+00	6.82E+00	6.84E+00	6.72E+00	5.02E+00	4.90E+00
Receptor_719	373341	3757783	1.56E+01	1.38E+01	9.72E+00	8.17E+00	7.28E+00	6.66E+00	4.72E+00	4.53E+00
Receptor_720	373341	3757883	1.21E+01	1.14E+01	7.50E+00	7.39E+00	6.92E+00	6.85E+00	5.08E+00	5.00E+00
Receptor_721	373341	3757983	1.45E+01	1.20E+01	9.13E+00	7.42E+00	7.46E+00	7.26E+00	5.38E+00	5.21E+00
Receptor_722	373441	3757083	1.01E+01	9.71E+00	6.54E+00	5.97E+00	5.69E+00	5.37E+00	4.14E+00	3.94E+00
Receptor_723	373441	3757183	1.17E+01	1.05E+01	7.27E+00	5.71E+00	5.87E+00	5.81E+00	4.46E+00	4.39E+00
Receptor_724	373441	3757283	9.67E+00	8.26E+00	5.92E+00	5.62E+00	5.74E+00	5.44E+00	4.36E+00	4.12E+00
Receptor_725	373441	3757383	9.78E+00	7.97E+00	5.01E+00	4.75E+00	4.79E+00	4.67E+00	3.80E+00	3.69E+00
Receptor_726	373441	3757483	1.17E+01	1.11E+01	6.91E+00	6.70E+00	6.17E+00	6.14E+00	4.59E+00	4.53E+00
Receptor_727	373900	3759500	8.57E+00	8.52E+00	5.26E+00	5.24E+00	5.04E+00	4.94E+00	3.80E+00	3.78E+00
Receptor_728	373900	3762500	8.71E+00	7.61E+00	4.80E+00	4.57E+00	4.55E+00	4.45E+00	3.68E+00	3.56E+00
Receptor_729	373900	3763500	1.11E+01	1.10E+01	7.01E+00	6.84E+00	5.36E+00	5.25E+00	4.07E+00	3.95E+00
Receptor_730	374900	3753500	1.31E+01	1.10E+01	8.32E+00	6.65E+00	5.91E+00	5.61E+00	4.47E+00	4.14E+00
Receptor_731	374900	3758500	9.22E+00	9.14E+00	5.73E+00	5.24E+00	5.03E+00	5.02E+00	3.86E+00	3.80E+00
Receptor_732	375900	3754500	2.40E+01	2.34E+01	1.39E+01	1.36E+01	1.07E+01	9.60E+00	6.17E+00	6.08E+00
Receptor_733	375900	3757500	2.96E+01	2.48E+01	1.76E+01	1.51E+01	1.17E+01	1.03E+01	7.66E+00	6.89E+00
Receptor_734	375900	3758500	9.52E+00	8.94E+00	5.97E+00	5.60E+00	5.42E+00	5.25E+00	4.06E+00	4.02E+00
Receptor_735	375900	3759500	1.89E+01	1.73E+01	1.06E+01	1.03E+01	9.34E+00	8.78E+00	5.64E+00	5.27E+00
Receptor_736	376900	3753500	2.87E+01	2.61E+01	1.72E+01	1.58E+01	1.53E+01	1.47E+01	9.39E+00	9.31E+00
Receptor_737	376900	3754500	2.12E+01	1.58E+01	1.07E+01	9.83E+00	7.68E+00	6.46E+00	4.87E+00	4.78E+00
Receptor_738	376900	3757500	7.98E+00	7.15E+00	4.90E+00	4.81E+00	4.82E+00	4.74E+00	3.68E+00	3.57E+00
Receptor_739	376900	3763500	1.00E+01	8.10E+00	6.09E+00	5.50E+00	5.76E+00	5.54E+00	4.37E+00	4.16E+00
Receptor_740	377900	3758500	1.71E+01	1.45E+01	8.67E+00	8.33E+00	6.12E+00	5.63E+00	4.13E+00	4.00E+00
Receptor_741	378900	3754500	2.63E+01	2.58E+01	1.54E+01	1.47E+01	1.13E+01	1.07E+01	7.48E+00	6.82E+00
Receptor_742	378900	3761500	2.10E+01	2.08E+01	1.25E+01	1.22E+01	9.98E+00	9.78E+00	6.98E+00	6.70E+00
Receptor_743	379900	3753500	1.61E+01	1.36E+01	8.91E+00	8.68E+00	7.31E+00	6.97E+00	5.00E+00	4.39E+00
Receptor_744	379900	3758500	1.09E+01	1.01E+01	6.78E+00	6.48E+00	5.95E+00	5.53E+00	4.30E+00	4.00E+00
Receptor_745	380900	3764500	1.03E+01	1.01E+01	6.66E+00	5.93E+00	5.65E+00	5.62E+00	4.12E+00	4.05E+00
Receptor_746	381900	3753500	9.88E+00	9.01E+00	5.63E+00	5.01E+00	5.03E+00	4.91E+00	3.94E+00	3.83E+00
Receptor_747	381900	3758500	1.15E+01	9.98E+00	7.09E+00	5.56E+00	5.56E+00	5.46E+00	4.28E+00	4.18E+00
Receptor_748	383900	3758500	8.79E+00	8.36E+00	5.79E+00	5.73E+00	5.72E+00	5.38E+00	4.26E+00	3.99E+00
Receptor_749	383900	3759500	9.95E+00	8.98E+00	5.96E+00	5.90E+00	5.16E+00	5.12E+00	3.93E+00	3.89E+00
Receptor_750	383900	3760500	2.35E+01	2.29E+01	1.34E+01	1.31E+01	1.20E+01	1.13E+01	6.97E+00	6.89E+00
Receptor_751	383900	3761500	2.41E+01	2.35E+01	1.32E+01	1.31E+01	1.18E+01	1.13E+01	6.89E+00	6.81E+00
Receptor_752	368494.88	3756671.28	2.36E+01	2.35E+01	1.38E+01	1.33E+01	1.18E+01	1.13E+01	7.43E+00	7.19E+00
Receptor_753	370394.8	3756845.73	2.10E+01	2.08E+01	1.25E+01	1.22E+01	9.98E+00	9.78E+00	6.98E+00	6.70E+00
Receptor_754	366455.27	3763213.67	2.45E+01	2.34E+01	1.43E+01	1.38E+01	1.08E+01	1.00E+01	6.32E+00	6.26E+00
Receptor_755	366669.62	3763342.53	2.11E+01	2.04E+01	1.19E+01	1.15E+01	9.95E+00	9.37E+00	6.61E+00	6.41E+00
Receptor_756	366671.31	3762769.21	1.16E+01	1.05E+01	7.12E+00	6.50E+00	6.28E+00	6.17E+00	4.67E+00	4.56E+00
Receptor_757	367494.53	3758314.82	1.67E+01	1.37E+01	8.93E+00	8.55E+00	7.51E+00	7.05E+00	5.08E+00	4.41E+00
Receptor_758	367575.16	3764900.8	1.14E+01	1.02E+01	6.86E+00	6.75E+00	6.02E+00	5.54E+00	4.34E+00	3.99E+00
Receptor_759	367638.49	3757975.16	1.21E+01	1.14E+01	7.50E+00	7.39E+00	6.92E+00	6.85E+00	5.08E+00	5.00E+00
Receptor_760	367728.62	3761967.19	1.67E+01	1.37E+01	8.93E+00	8.55E+00	7.51E+00	7.05E+00	5.08E+00	4.41E+00
Receptor_761	367787.59	3758292.62	1.15E+01	9.98E+00	7.09E+00	5.56E+00	5.56E+00	5.46E+00	4.28E+00	4.18E+00
Receptor_762	367831.34	3763245.91	9.42E+00	8.42E+00	5.24E+00	4.79E+00	4.81E+00	4.69E+00	3.81E+00	3.70E+00
Receptor_763	367900	3758500	8.67E+00	8.07E+00	5.61E+00	5.56E+00	5.57E+00	5.27E+00	4.17E+00	3.92E+00
Receptor_764	367926.08	3763311.16	8.69E+00	8.36E+00	5.22E+00	5.06E+00	5.12E+00	4.89E+00	3.91E+00	3.79E+00
Receptor_765	367964.98	3758232.97	8.99E+00	8.38E+00	5.56E+00	5.28E+00	5.21E+00	4.78E+00	3.97E+00	3.77E+00
Receptor_766	367976.37	3763336.74	1.44E+01	1.25E+01	9.20E+00	6.97E+00	6.18E+00	5.83E+00	4.40E+00	4.30E+00
Receptor_767	367978.91	3758390.1	9.83E+00	8.38E+00	5.20E+00	5.09E+00	4.73E+00	4.65E+00	3.78E+00	3.62E+00
Receptor_768	368188.78	3758591.47	8.51E+00	8.44E+00	6.29E+00	5.86E+00	5.43E+00	5.06E+00	4.20E+00	3.95E+00
Receptor_769	368501.11	3761632.38	5.76E+01	5.48E+01	3.28E+01	3.22E+01	3.29E+01	3.22E+01	2.08E+01	2.05E+01
Receptor_770	368505.49	3758571.22	5.53E+01	5.24E+01	3.11E+01	3.08E+01	3.11E+01	3.09E+01	2.04E+01	2.02E+01
Receptor_771	368673.29	3761677.69	8.83E+00	8.44E+00	5.56E+00	5.40E+00	5.19E+00	4.88E+00	4.06E+00	3.92E+00
Receptor_772	368693.42	3758359.47	1.05E+01	9.12E+00	5.82E+00	5.54E+00	4.59E+00	4.30E+00	3.71E+00	3.31E+00
Receptor_773	368842.92	3761590.39	1.00E+01	9.34E+00	6.27E+00	5.58E+00	4.41E+00	4.28E+00	3.60E+00	3.20E+00
Receptor_774	368869.11	3754097.89	1.30E+01	1.06E+01	7.60E+00	6.33E+00	4.42E+00	4.18E+00	3.60E+00	3.20E+00
Receptor_775	368869.83	3765067	1.38E+01	1.33E+01	8.04E+00	8.04E+00	6.42E+00	6.24E+00	4.54E+00	4.52E+00
Receptor_776	368969.99	3761647.2	1.31E+01	1.30E+01	8.05E+00	7.74E+00	6.51E+00	6.46E+00	4.67E+00	4.55E+00
Receptor_777	368970.54	3754677.64	2.67E+01	2.54E+01	1.65E+01	1.53E+01	1.41E+01	1.34E+01	9.12E+00	8.66E+00
Receptor_778	369007.11	3762513.11	1.01E+01	9.67E+00	6.41E+00	5.68E+00	4.82E+00	4.76E+00	3.67E+00	3.65E+00
Receptor_779	369227.99	3762251.91	1.37E+01	1.33E+01	8.04E+00	8.02E+00	6.39E+00	6.22E+00	4.53E+00	4.51E+00
Receptor_780	369242.37	3754695.62	1.47E+01	1.47E+01	9.39E+00	8.56E+00	6.64E+00	6.60E+00	4.74E+00	4.63E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_781	369456.98	3762567.48	2.89E+01	2.77E+01	1.78E+01	1.66E+01	1.56E+01	1.49E+01	9.95E+00	9.45E+00
Receptor_782	369504	3754702.08	1.52E+01	1.28E+01	8.46E+00	8.01E+00	7.40E+00	7.09E+00	5.22E+00	4.98E+00
Receptor_783	369767.91	3761150.98	1.31E+01	1.30E+01	8.05E+00	7.74E+00	6.51E+00	6.46E+00	4.67E+00	4.55E+00
Receptor_784	369809.34	3764567.65	2.79E+01	2.68E+01	1.61E+01	1.53E+01	1.34E+01	1.27E+01	8.01E+00	7.98E+00
Receptor_785	369845.18	3754154.97	1.42E+01	1.41E+01	8.95E+00	8.72E+00	7.37E+00	7.17E+00	4.87E+00	4.83E+00
Receptor_786	369848.41	3753976.49	1.42E+01	1.41E+01	8.95E+00	8.72E+00	7.37E+00	7.17E+00	4.87E+00	4.83E+00
Receptor_787	370097.88	3760014.31	4.59E+01	4.42E+01	2.73E+01	2.61E+01	1.76E+01	1.72E+01	1.08E+01	1.06E+01
Receptor_788	370150.95	3754699.75	3.02E+01	2.96E+01	1.81E+01	1.78E+01	1.69E+01	1.66E+01	1.10E+01	1.08E+01
Receptor_789	370192.96	3758860.7	3.17E+01	2.52E+01	1.93E+01	1.63E+01	9.75E+00	9.48E+00	6.38E+00	6.13E+00
Receptor_790	370243.17	3759622.98	2.56E+01	2.16E+01	1.59E+01	1.36E+01	1.20E+01	1.17E+01	7.66E+00	7.61E+00
Receptor_791	370246.2	3754243.12	1.92E+01	1.86E+01	1.05E+01	1.05E+01	1.10E+01	1.00E+01	6.38E+00	5.93E+00
Receptor_792	370290.74	3759464.6	2.50E+01	2.33E+01	1.30E+01	1.13E+01	8.85E+00	8.41E+00	6.10E+00	5.45E+00
Receptor_793	370608.78	3762239.97	2.16E+01	2.05E+01	9.14E+00	8.86E+00	1.07E+01	1.03E+01	5.97E+00	5.87E+00
Receptor_794	370614.8	3762181.53	2.57E+01	2.17E+01	1.60E+01	1.36E+01	1.20E+01	1.18E+01	7.70E+00	7.63E+00
Receptor_795	370625.96	3763759.08	1.98E+01	1.68E+01	1.13E+01	1.06E+01	8.98E+00	8.75E+00	5.79E+00	5.58E+00
Receptor_796	370723.56	3763867.78	2.50E+01	2.33E+01	1.30E+01	1.13E+01	8.85E+00	8.41E+00	6.10E+00	5.45E+00
Receptor_797	370968.58	3759443.63	2.54E+01	2.53E+01	1.56E+01	1.46E+01	1.42E+01	1.41E+01	9.57E+00	9.32E+00
Receptor_798	371139.14	3758179.3	3.15E+01	3.08E+01	1.74E+01	1.68E+01	1.94E+01	1.91E+01	1.19E+01	1.17E+01
Receptor_799	371516.05	3762577.75	2.37E+01	2.35E+01	1.45E+01	1.43E+01	1.19E+01	1.08E+01	7.58E+00	7.16E+00
Receptor_800	371721.4	3759371.61	2.66E+01	2.64E+01	1.50E+01	1.49E+01	1.26E+01	1.13E+01	8.00E+00	7.87E+00
Receptor_801	371973.81	3758892.65	3.18E+01	3.13E+01	1.90E+01	1.88E+01	1.76E+01	1.71E+01	1.14E+01	1.12E+01
Receptor_802	372687.72	3759513.01	2.30E+01	2.26E+01	1.09E+01	1.04E+01	1.10E+01	1.06E+01	6.34E+00	5.91E+00
Receptor_803	372943.49	3761051.66	1.59E+01	1.42E+01	8.87E+00	8.43E+00	9.22E+00	8.83E+00	5.71E+00	5.50E+00
Receptor_804	373546.52	3760907.48	1.83E+01	1.81E+01	1.06E+01	8.74E+00	1.05E+01	1.01E+01	6.43E+00	6.20E+00
Receptor_805	373736.6	3756503.93	1.76E+01	1.71E+01	9.51E+00	8.73E+00	9.76E+00	9.55E+00	6.16E+00	5.92E+00
Receptor_806	373758.2	3758043.23	2.14E+01	2.09E+01	1.13E+01	1.11E+01	1.15E+01	1.15E+01	7.07E+00	6.91E+00
Receptor_807	373781.58	3755802.14	1.68E+01	1.58E+01	8.91E+00	8.12E+00	8.83E+00	8.48E+00	5.53E+00	5.39E+00
Receptor_808	373814.2	3756040.57	9.64E+00	8.61E+00	5.91E+00	5.72E+00	5.77E+00	5.45E+00	4.38E+00	4.13E+00
Receptor_809	373990.06	3753826.14	2.39E+01	2.07E+01	1.44E+01	1.20E+01	9.33E+00	9.23E+00	5.86E+00	5.84E+00
Receptor_810	374057.73	3758196.51	3.24E+01	3.20E+01	1.90E+01	1.89E+01	1.55E+01	1.55E+01	9.75E+00	9.48E+00
Receptor_811	374270.95	3758673.42	3.53E+01	3.47E+01	2.09E+01	2.02E+01	1.48E+01	1.44E+01	9.48E+00	9.39E+00
Receptor_812	374561.05	3757642.94	2.80E+01	2.45E+01	1.54E+01	1.39E+01	1.02E+01	1.01E+01	6.64E+00	6.60E+00
Receptor_813	374688.84	3758984.9	2.51E+01	2.48E+01	1.57E+01	1.55E+01	1.16E+01	1.15E+01	6.99E+00	6.99E+00
Receptor_814	374693.96	3758983.17	5.83E+01	5.73E+01	3.33E+01	3.31E+01	2.66E+01	2.54E+01	1.58E+01	1.56E+01
Receptor_815	374717.46	3762574.39	2.15E+01	2.11E+01	1.14E+01	1.12E+01	1.16E+01	1.16E+01	7.09E+00	6.92E+00
Receptor_816	375503.8	3764537.77	2.18E+01	2.06E+01	1.20E+01	1.17E+01	1.29E+01	1.27E+01	7.94E+00	7.88E+00
Receptor_817	375614.97	3760555.1	1.92E+01	1.51E+01	8.85E+00	8.61E+00	9.58E+00	9.22E+00	6.05E+00	5.90E+00
Receptor_818	375718.04	3758204.95	2.72E+01	2.57E+01	1.43E+01	1.24E+01	1.27E+01	1.25E+01	7.51E+00	7.47E+00
Receptor_819	375902.79	3764940.52	2.33E+01	2.23E+01	1.16E+01	1.15E+01	1.09E+01	1.08E+01	6.86E+00	6.83E+00
Receptor_820	375908.38	3763938.71	4.51E+01	4.32E+01	2.18E+01	2.09E+01	2.26E+01	2.20E+01	1.24E+01	1.20E+01
Receptor_821	375920.6	3762083.39	2.18E+01	2.06E+01	1.20E+01	1.17E+01	1.29E+01	1.27E+01	7.94E+00	7.88E+00
Receptor_822	376709.15	3756388.48	1.73E+01	1.64E+01	1.01E+01	9.31E+00	1.08E+01	1.01E+01	6.38E+00	6.29E+00
Receptor_823	376814.39	3754856.21	3.89E+01	3.60E+01	2.38E+01	2.19E+01	1.90E+01	1.83E+01	1.16E+01	1.16E+01
Receptor_824	377050.15	3761774.29	7.35E+01	7.21E+01	4.20E+01	4.13E+01	2.83E+01	2.59E+01	1.67E+01	1.59E+01
Receptor_825	377052.34	3761911.9	3.53E+01	3.47E+01	2.09E+01	2.02E+01	1.48E+01	1.44E+01	9.48E+00	9.39E+00
Receptor_826	377227.14	3756422.42	2.40E+01	2.34E+01	1.42E+01	1.37E+01	1.14E+01	1.09E+01	7.34E+00	7.01E+00
Receptor_827	377237.88	3763993.21	1.48E+01	1.38E+01	8.71E+00	8.62E+00	7.59E+00	7.56E+00	5.26E+00	5.23E+00
Receptor_828	377313.01	3756205.13	4.44E+01	3.43E+01	2.73E+01	2.05E+01	1.67E+01	1.61E+01	1.08E+01	1.02E+01
Receptor_829	377330.56	3760754.6	1.43E+01	1.33E+01	8.85E+00	8.43E+00	8.33E+00	8.20E+00	5.92E+00	5.79E+00
Receptor_830	377342.37	3764027.27	1.37E+01	1.14E+01	8.60E+00	7.05E+00	7.12E+00	6.99E+00	5.19E+00	5.07E+00
Receptor_831	377388.19	3762578.39	3.53E+01	3.27E+01	1.72E+01	1.71E+01	1.83E+01	1.66E+01	9.60E+00	9.44E+00
Receptor_832	377563.47	3760340.44	1.57E+01	1.57E+01	9.67E+00	9.46E+00	8.01E+00	7.90E+00	5.59E+00	5.47E+00
Receptor_833	377753.42	3759272.76	3.08E+01	3.01E+01	1.78E+01	1.73E+01	1.39E+01	1.34E+01	8.90E+00	8.86E+00
Receptor_834	377839.66	3764649.02	1.88E+01	1.65E+01	1.20E+01	8.04E+00	5.30E+00	5.23E+00	3.86E+00	3.76E+00
Receptor_835	377841.65	3762246.94	2.52E+01	2.42E+01	1.56E+01	1.55E+01	1.29E+01	1.21E+01	8.24E+00	8.21E+00
Receptor_836	377908.39	3762502.03	2.22E+01	2.18E+01	1.27E+01	1.22E+01	1.17E+01	1.15E+01	7.67E+00	7.39E+00
Receptor_837	377916	3755241.12	3.53E+01	3.27E+01	1.72E+01	1.71E+01	1.83E+01	1.66E+01	9.60E+00	9.44E+00
Receptor_838	377924.86	3763642.88	2.36E+01	1.94E+01	1.44E+01	1.23E+01	1.15E+01	1.07E+01	7.43E+00	7.01E+00
Receptor_839	377967.05	3762224.48	1.95E+01	1.88E+01	1.08E+01	1.05E+01	9.03E+00	9.03E+00	6.26E+00	6.00E+00
Receptor_840	378003.52	3753139.05	6.99E+01	6.57E+01	4.10E+01	3.82E+01	3.39E+01	2.99E+01	2.06E+01	1.85E+01
Receptor_841	378022.11	3755897.25	7.39E+01	7.36E+01	5.62E+01	5.33E+01	4.32E+01	4.31E+01	2.95E+01	2.90E+01
Receptor_842	378066.59	3761432.9	4.61E+01	4.57E+01	2.44E+01	2.40E+01	2.10E+01	1.85E+01	1.25E+01	1.15E+01
Receptor_843	378209.66	3764122.39	1.23E+02	1.21E+02	6.39E+01	6.16E+01	6.59E+01	6.49E+01	3.49E+01	3.40E+01
Receptor_844	378212.33	3753511.52	1.94E+01	1.85E+01	1.17E+01	1.14E+01	9.68E+00	9.18E+00	6.00E+00	5.98E+00
Receptor_845	378223.51	3760237.39	2.23E+01	2.18E+01	1.27E+01	1.20E+01	1.16E+01	1.16E+01	7.73E+00	7.53E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_846	378326.9	3764105.95	7.99E+01	7.82E+01	4.77E+01	4.66E+01	4.75E+01	4.66E+01	2.92E+01	2.83E+01
Receptor_847	378366.51	3755075.26	3.30E+01	3.28E+01	1.67E+01	1.64E+01	1.50E+01	1.39E+01	8.72E+00	7.91E+00
Receptor_848	378370.05	3759869.86	6.28E+01	6.22E+01	3.59E+01	3.50E+01	3.30E+01	3.03E+01	1.96E+01	1.83E+01
Receptor_849	378781.96	3760336.17	1.63E+01	1.58E+01	9.09E+00	8.29E+00	8.97E+00	8.59E+00	5.63E+00	5.52E+00
Receptor_850	378862.39	3757229.87	4.86E+01	4.83E+01	2.26E+01	2.24E+01	2.17E+01	2.14E+01	1.19E+01	1.12E+01
Receptor_851	369131.4	3758945.42	3.08E+01	3.03E+01	1.79E+01	1.72E+01	1.41E+01	1.38E+01	8.84E+00	8.73E+00
Receptor_852	370190.78	3758848.26	7.72E+01	7.48E+01	4.24E+01	4.23E+01	4.54E+01	4.30E+01	2.56E+01	2.55E+01
Receptor_853	370747.03	3763937.58	4.40E+01	4.20E+01	2.21E+01	1.99E+01	2.16E+01	2.00E+01	1.13E+01	1.12E+01
Receptor_854	370757.72	3755124.52	3.84E+01	3.67E+01	1.62E+01	1.46E+01	1.61E+01	1.56E+01	8.87E+00	8.25E+00
Receptor_855	370946.7	3758260.69	1.27E+02	1.20E+02	2.66E+01	2.51E+01	6.86E+01	6.64E+01	1.44E+01	1.39E+01
Receptor_856	371368.79	3754218.82	3.02E+01	2.60E+01	1.55E+01	1.47E+01	1.33E+01	1.30E+01	8.02E+00	7.87E+00
Receptor_857	371786.04	3754168.42	3.02E+01	2.61E+01	1.55E+01	1.47E+01	1.33E+01	1.30E+01	8.02E+00	7.88E+00
Receptor_858	373756.25	3761779.11	3.02E+01	2.61E+01	1.59E+01	1.47E+01	1.33E+01	1.30E+01	8.02E+00	7.88E+00
Receptor_859	367047.63	3761097.01	3.03E+01	2.61E+01	1.56E+01	1.47E+01	1.33E+01	1.30E+01	8.03E+00	7.88E+00
Receptor_860	370737.54	3762942.92	3.03E+01	2.62E+01	1.56E+01	1.47E+01	1.33E+01	1.30E+01	8.03E+00	7.88E+00
Receptor_861	371031.93	3758057.86	3.03E+01	2.62E+01	1.56E+01	1.47E+01	1.33E+01	1.30E+01	8.03E+00	7.88E+00
Receptor_862	371034.38	3758338.88	3.03E+01	2.63E+01	1.56E+01	1.48E+01	1.33E+01	1.30E+01	8.03E+00	7.89E+00
Receptor_863	371091.65	3754274.94	3.03E+01	2.63E+01	1.56E+01	1.48E+01	1.33E+01	1.30E+01	8.03E+00	7.89E+00
Receptor_864	371165.78	3758547.83	3.03E+01	2.63E+01	1.57E+01	1.48E+01	1.33E+01	1.30E+01	8.04E+00	7.89E+00
Receptor_865	372241	3757383	3.04E+01	2.64E+01	1.57E+01	1.48E+01	1.33E+01	1.30E+01	8.05E+00	7.90E+00
Receptor_866	372703.01	3761799.64	3.05E+01	2.64E+01	1.57E+01	1.49E+01	1.33E+01	1.30E+01	8.06E+00	7.91E+00
Receptor_867	374194.97	3754806.86	3.05E+01	2.65E+01	1.57E+01	1.49E+01	1.33E+01	1.30E+01	8.07E+00	7.91E+00
Receptor_868	374697.43	3760305.5	3.06E+01	2.65E+01	1.58E+01	1.50E+01	1.34E+01	1.30E+01	8.08E+00	7.92E+00
Receptor_869	375423.74	3758805.14	3.06E+01	2.66E+01	1.58E+01	1.50E+01	1.34E+01	1.30E+01	8.10E+00	7.93E+00
Receptor_870	375433.42	3757541.59	3.07E+01	2.67E+01	1.58E+01	1.51E+01	1.34E+01	1.31E+01	8.11E+00	7.94E+00
Receptor_871	378090.06	3758535.33	3.08E+01	2.67E+01	1.59E+01	1.51E+01	1.34E+01	1.31E+01	8.13E+00	7.95E+00
Receptor_872	367734.03	3758536.57	3.09E+01	2.68E+01	1.59E+01	1.52E+01	1.34E+01	1.31E+01	8.15E+00	7.96E+00
Receptor_873	368069.11	3760165.13	3.09E+01	2.69E+01	1.59E+01	1.52E+01	1.34E+01	1.31E+01	8.16E+00	7.97E+00
Receptor_874	369125.38	3763066.25	3.10E+01	2.69E+01	1.59E+01	1.53E+01	1.35E+01	1.31E+01	8.18E+00	7.98E+00
Receptor_875	369225.45	3764227.42	3.11E+01	2.70E+01	1.60E+01	1.54E+01	1.35E+01	1.31E+01	8.20E+00	7.99E+00
Receptor_876	370236.75	3761140.3	3.13E+01	2.71E+01	1.60E+01	1.55E+01	1.35E+01	1.32E+01	8.22E+00	8.01E+00
Receptor_877	372218.41	3759157.53	3.14E+01	2.72E+01	1.61E+01	1.55E+01	1.35E+01	1.32E+01	8.24E+00	8.02E+00
Receptor_878	372267.44	3762986.25	3.15E+01	2.73E+01	1.61E+01	1.56E+01	1.36E+01	1.32E+01	8.26E+00	8.04E+00
Receptor_879	374498.14	3758643.27	3.16E+01	2.73E+01	1.61E+01	1.56E+01	1.36E+01	1.32E+01	8.28E+00	8.05E+00
Receptor_880	375472.61	3759680.03	3.17E+01	2.74E+01	1.62E+01	1.57E+01	1.36E+01	1.33E+01	8.30E+00	8.06E+00
Receptor_881	375514.38	3757500.61	3.17E+01	2.75E+01	1.62E+01	1.57E+01	1.36E+01	1.33E+01	8.31E+00	8.08E+00
Receptor_882	377395.41	3759189.37	3.18E+01	2.76E+01	1.62E+01	1.58E+01	1.36E+01	1.33E+01	8.33E+00	8.10E+00
Receptor_883	368983.23	3754581.57	3.19E+01	2.76E+01	1.62E+01	1.58E+01	1.37E+01	1.34E+01	8.34E+00	8.11E+00
Receptor_884	369216.41	3758422.45	3.19E+01	2.76E+01	1.63E+01	1.58E+01	1.37E+01	1.34E+01	8.35E+00	8.11E+00
Receptor_885	369532.57	3755391.67	3.19E+01	2.76E+01	1.62E+01	1.58E+01	1.37E+01	1.34E+01	8.34E+00	8.11E+00
Receptor_886	369574.04	3758166.39	3.18E+01	2.76E+01	1.62E+01	1.58E+01	1.37E+01	1.33E+01	8.34E+00	8.10E+00
Receptor_887	369581.37	3758516.07	3.17E+01	2.75E+01	1.62E+01	1.58E+01	1.37E+01	1.33E+01	8.33E+00	8.09E+00
Receptor_888	369830.08	3755394.84	3.16E+01	2.74E+01	1.61E+01	1.57E+01	1.37E+01	1.33E+01	8.32E+00	8.08E+00
Receptor_889	370114.12	3758186.53	3.14E+01	2.73E+01	1.61E+01	1.57E+01	1.37E+01	1.33E+01	8.30E+00	8.07E+00
Receptor_890	371021.69	3757820.6	3.13E+01	2.72E+01	1.60E+01	1.56E+01	1.36E+01	1.33E+01	8.28E+00	8.06E+00
Receptor_891	371641	3756983	3.12E+01	2.71E+01	1.60E+01	1.55E+01	1.36E+01	1.33E+01	8.27E+00	8.04E+00
Receptor_892	371741	3756983	3.10E+01	2.70E+01	1.59E+01	1.54E+01	1.36E+01	1.33E+01	8.24E+00	8.03E+00
Receptor_893	371841	3756983	3.09E+01	2.68E+01	1.58E+01	1.54E+01	1.36E+01	1.33E+01	8.22E+00	8.01E+00
Receptor_894	371941	3756983	3.08E+01	2.68E+01	1.58E+01	1.53E+01	1.36E+01	1.32E+01	8.20E+00	8.00E+00
Receptor_895	371941	3757683	3.07E+01	2.67E+01	1.58E+01	1.52E+01	1.35E+01	1.32E+01	8.18E+00	7.98E+00
Receptor_896	372041	3756983	3.07E+01	2.66E+01	1.57E+01	1.52E+01	1.35E+01	1.32E+01	8.17E+00	7.98E+00
Receptor_897	372141	3756983	3.06E+01	2.65E+01	1.57E+01	1.51E+01	1.35E+01	1.32E+01	8.16E+00	7.97E+00
Receptor_898	372241	3756983	3.19E+01	2.83E+01	1.74E+01	1.55E+01	1.43E+01	1.38E+01	8.35E+00	8.22E+00
Receptor_899	372341	3756983	3.28E+01	3.08E+01	1.92E+01	1.67E+01	1.49E+01	1.42E+01	8.71E+00	8.36E+00
Receptor_900	372441	3756983	3.27E+01	3.24E+01	2.05E+01	1.73E+01	1.54E+01	1.45E+01	8.99E+00	8.46E+00
Receptor_901	372541	3756983	2.93E+01	2.71E+01	1.79E+01	1.51E+01	1.52E+01	1.44E+01	8.74E+00	8.26E+00
Receptor_902	372641	3756983	2.93E+01	2.70E+01	1.79E+01	1.51E+01	1.52E+01	1.44E+01	8.75E+00	8.26E+00
Receptor_903	373241	3756983	2.93E+01	2.70E+01	1.79E+01	1.51E+01	1.51E+01	1.44E+01	8.74E+00	8.25E+00
Receptor_904	373341	3756983	2.94E+01	2.72E+01	1.80E+01	1.51E+01	1.52E+01	1.45E+01	8.78E+00	8.28E+00
Receptor_905	373441	3756983	3.15E+01	3.03E+01	1.85E+01	1.63E+01	1.68E+01	1.60E+01	9.56E+00	8.97E+00
Receptor_906	373441	3757583	3.05E+01	3.04E+01	1.87E+01	1.63E+01	1.69E+01	1.59E+01	9.63E+00	8.94E+00
Receptor_907	373441	3757683	3.09E+01	2.98E+01	1.89E+01	1.63E+01	1.69E+01	1.59E+01	9.61E+00	8.93E+00
Receptor_908	373441	3757783	3.13E+01	2.90E+01	1.92E+01	1.63E+01	1.69E+01	1.58E+01	9.59E+00	8.92E+00
Receptor_909	373441	3757883	3.15E+01	2.86E+01	1.93E+01	1.62E+01	1.69E+01	1.57E+01	9.55E+00	8.90E+00
Receptor_910	373441	3757983	3.14E+01	2.84E+01	1.92E+01	1.59E+01	1.67E+01	1.55E+01	9.44E+00	8.85E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_911	373541	3756983	3.10E+01	2.80E+01	1.89E+01	1.59E+01	1.65E+01	1.53E+01	9.32E+00	8.83E+00
Receptor_912	373541	3757083	3.05E+01	2.77E+01	1.86E+01	1.61E+01	1.65E+01	1.52E+01	9.26E+00	8.85E+00
Receptor_913	373541	3757183	3.03E+01	2.83E+01	1.84E+01	1.63E+01	1.65E+01	1.53E+01	9.24E+00	8.90E+00
Receptor_914	373541	3757283	3.01E+01	2.91E+01	1.82E+01	1.66E+01	1.65E+01	1.54E+01	9.26E+00	8.99E+00
Receptor_915	373541	3757383	2.83E+01	2.75E+01	1.71E+01	1.61E+01	1.56E+01	1.48E+01	8.83E+00	8.66E+00
Receptor_916	373541	3757483	2.81E+01	2.76E+01	1.70E+01	1.61E+01	1.56E+01	1.47E+01	8.80E+00	8.66E+00
Receptor_917	373541	3757583	3.20E+01	3.10E+01	1.95E+01	1.94E+01	1.88E+01	1.76E+01	1.08E+01	1.07E+01
Receptor_918	373541	3757683	3.61E+01	3.41E+01	2.21E+01	2.12E+01	2.07E+01	1.96E+01	1.20E+01	1.19E+01
Receptor_919	366900	3759500	4.27E+01	3.82E+01	2.68E+01	2.31E+01	2.38E+01	2.25E+01	1.36E+01	1.34E+01
Receptor_920	367900	3759500	4.33E+01	3.82E+01	2.72E+01	2.32E+01	2.39E+01	2.26E+01	1.36E+01	1.35E+01

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_1	366363.62	3757753.1	8.47E+00	8.45E+00	5.72E+00	5.68E+00	5.13E+00	4.97E+00	3.78E+00	3.70E+00
Receptor_2	369385.71	3758351.85	2.40E+01	2.06E+01	1.51E+01	1.32E+01	8.43E+00	7.28E+00	5.21E+00	5.13E+00
Receptor_3	369388.19	3758584.61	2.32E+01	2.03E+01	1.43E+01	1.30E+01	8.39E+00	8.31E+00	5.91E+00	5.76E+00
Receptor_4	371727.3	3758286.14	1.23E+01	1.21E+01	8.10E+00	7.91E+00	6.87E+00	6.87E+00	4.89E+00	4.84E+00
Receptor_5	371973.18	3757657.97	1.83E+01	1.64E+01	1.13E+01	1.05E+01	7.92E+00	7.88E+00	5.61E+00	5.49E+00
Receptor_6	372028.99	3757658.28	1.68E+01	1.64E+01	1.10E+01	1.06E+01	8.08E+00	7.87E+00	5.62E+00	5.49E+00
Receptor_7	372057.72	3757303.44	1.66E+01	1.51E+01	1.04E+01	9.80E+00	7.02E+00	6.24E+00	4.95E+00	4.54E+00
Receptor_8	372058.94	3757365.68	1.23E+01	1.20E+01	7.83E+00	7.79E+00	6.24E+00	5.56E+00	4.53E+00	4.06E+00
Receptor_9	372114.76	3757419.38	1.21E+01	1.06E+01	7.50E+00	7.04E+00	5.55E+00	4.92E+00	4.11E+00	3.68E+00
Receptor_10	372149.51	3757302.81	1.19E+01	1.08E+01	7.82E+00	6.65E+00	5.13E+00	4.81E+00	3.86E+00	3.62E+00
Receptor_11	366675.72	3757743.67	1.20E+01	9.70E+00	7.86E+00	6.20E+00	4.78E+00	4.56E+00	3.66E+00	3.54E+00
Receptor_12	367105.41	3757963.83	1.01E+01	9.29E+00	6.70E+00	6.15E+00	4.49E+00	4.35E+00	3.49E+00	3.42E+00
Receptor_13	367221.3	3757911.68	1.08E+01	9.20E+00	7.06E+00	6.21E+00	4.10E+00	4.06E+00	3.27E+00	3.22E+00
Receptor_14	367346.43	3757955.57	1.03E+01	9.74E+00	6.77E+00	6.22E+00	4.04E+00	4.02E+00	3.23E+00	3.10E+00
Receptor_15	367457.41	3758010.28	1.07E+01	9.97E+00	7.01E+00	6.37E+00	4.19E+00	3.83E+00	3.13E+00	3.11E+00
Receptor_16	367730.93	3758222.91	1.26E+01	1.16E+01	8.19E+00	7.37E+00	4.48E+00	3.78E+00	3.31E+00	3.08E+00
Receptor_17	367995.3	3758074.68	1.22E+01	1.09E+01	7.62E+00	7.20E+00	7.59E+00	7.02E+00	5.25E+00	4.90E+00
Receptor_18	369154.15	3758166.98	2.22E+01	1.87E+01	1.41E+01	1.21E+01	7.89E+00	7.66E+00	5.41E+00	5.35E+00
Receptor_19	369214.54	3758209.64	1.97E+01	1.96E+01	1.25E+01	1.22E+01	8.08E+00	8.05E+00	5.72E+00	5.62E+00
Receptor_20	369279.67	3758015.34	1.61E+01	1.50E+01	1.01E+01	9.78E+00	7.49E+00	7.30E+00	5.23E+00	5.15E+00
Receptor_21	369788.09	3758340.35	3.55E+01	3.49E+01	2.19E+01	2.18E+01	1.25E+01	1.24E+01	8.36E+00	8.32E+00
Receptor_22	369790.55	3758580.31	2.16E+01	2.03E+01	1.34E+01	1.29E+01	9.30E+00	8.41E+00	6.35E+00	5.70E+00
Receptor_23	371537.21	3756959.02	1.53E+01	1.44E+01	9.74E+00	9.41E+00	7.33E+00	7.24E+00	5.18E+00	5.10E+00
Receptor_24	371736.26	3757371.88	1.42E+01	1.28E+01	8.76E+00	8.23E+00	6.56E+00	5.89E+00	4.71E+00	4.26E+00
Receptor_25	371795.72	3757393.54	1.41E+01	1.24E+01	9.19E+00	7.67E+00	5.80E+00	5.76E+00	4.26E+00	4.20E+00
Receptor_26	371925.68	3757658.96	1.34E+01	1.12E+01	8.72E+00	7.07E+00	5.39E+00	5.35E+00	4.00E+00	3.96E+00
Receptor_27	367720.95	3757929.47	1.25E+01	1.09E+01	8.08E+00	7.19E+00	5.03E+00	4.85E+00	3.82E+00	3.72E+00
Receptor_28	366410.42	3757645.39	1.24E+01	1.14E+01	8.02E+00	7.25E+00	4.74E+00	4.55E+00	3.55E+00	3.54E+00
Receptor_29	366412.06	3757743.84	1.17E+01	1.13E+01	7.59E+00	7.15E+00	4.91E+00	4.46E+00	3.58E+00	3.53E+00
Receptor_30	366449.1	3757556.84	1.33E+01	1.23E+01	8.62E+00	7.82E+00	5.17E+00	4.16E+00	3.74E+00	3.32E+00
Receptor_31	366471.13	3757711.22	1.20E+01	1.15E+01	7.63E+00	7.42E+00	4.84E+00	4.00E+00	3.53E+00	3.22E+00
Receptor_32	366487.79	3757468.29	1.14E+01	9.88E+00	7.38E+00	6.53E+00	4.45E+00	3.81E+00	3.30E+00	3.11E+00
Receptor_33	366526.47	3757379.74	1.19E+01	1.08E+01	7.80E+00	6.96E+00	7.36E+00	6.84E+00	5.10E+00	4.62E+00
Receptor_34	366543.32	3757684.41	1.93E+01	1.64E+01	1.23E+01	1.07E+01	8.01E+00	7.94E+00	5.67E+00	5.49E+00
Receptor_35	366565.16	3757291.19	2.23E+01	2.08E+01	1.42E+01	1.29E+01	9.13E+00	8.69E+00	6.45E+00	6.08E+00
Receptor_36	366572.51	3757755.35	1.96E+01	1.78E+01	1.25E+01	1.16E+01	9.49E+00	9.27E+00	6.48E+00	6.41E+00
Receptor_37	366603.85	3757202.64	5.81E+01	5.75E+01	3.65E+01	3.58E+01	2.80E+01	2.75E+01	1.80E+01	1.77E+01
Receptor_38	366629.35	3757738.18	2.20E+01	1.99E+01	1.39E+01	1.28E+01	1.01E+01	9.37E+00	6.83E+00	6.43E+00
Receptor_39	366642.53	3757114.09	1.79E+01	1.66E+01	1.10E+01	1.04E+01	8.28E+00	8.02E+00	5.75E+00	5.57E+00
Receptor_40	366681.22	3757025.54	1.74E+01	1.50E+01	1.12E+01	9.23E+00	7.58E+00	6.98E+00	5.32E+00	4.98E+00
Receptor_41	366700.77	3757739.37	1.53E+01	1.47E+01	9.91E+00	9.45E+00	6.88E+00	6.33E+00	4.88E+00	4.56E+00
Receptor_42	366719.91	3756936.99	1.60E+01	1.42E+01	1.02E+01	8.95E+00	6.12E+00	6.06E+00	4.35E+00	4.28E+00
Receptor_43	366758.59	3756848.44	1.39E+01	1.38E+01	8.97E+00	8.68E+00	5.88E+00	5.64E+00	4.17E+00	4.13E+00
Receptor_44	366780.64	3757782.9	1.51E+01	1.36E+01	9.72E+00	8.59E+00	6.09E+00	4.96E+00	4.29E+00	3.78E+00
Receptor_45	366797.28	3756759.89	1.88E+01	1.78E+01	1.18E+01	1.14E+01	7.23E+00	5.40E+00	5.02E+00	4.10E+00
Receptor_46	366835.96	3756671.34	1.82E+01	1.54E+01	1.16E+01	9.82E+00	6.01E+00	5.14E+00	4.27E+00	3.75E+00
Receptor_47	366869.69	3757831.79	1.25E+01	1.23E+01	8.03E+00	7.81E+00	5.42E+00	4.28E+00	3.89E+00	3.28E+00
Receptor_48	366874.65	3756582.79	1.27E+01	1.05E+01	7.90E+00	6.90E+00	4.86E+00	3.82E+00	3.55E+00	3.00E+00
Receptor_49	366900	3756500	1.41E+01	1.17E+01	9.24E+00	7.79E+00	7.61E+00	7.56E+00	5.28E+00	5.20E+00
Receptor_50	366913.34	3756494.23	1.61E+01	1.32E+01	1.03E+01	9.04E+00	9.01E+00	8.52E+00	6.11E+00	5.66E+00
Receptor_51	366921.75	3757860.58	2.76E+01	2.31E+01	1.75E+01	1.41E+01	1.25E+01	1.22E+01	7.96E+00	7.94E+00
Receptor_52	366952.02	3756405.68	2.74E+01	2.41E+01	1.70E+01	1.47E+01	1.09E+01	1.04E+01	7.42E+00	7.04E+00
Receptor_53	366982.97	3757895	2.24E+01	2.09E+01	1.37E+01	1.34E+01	1.09E+01	1.08E+01	7.32E+00	7.24E+00
Receptor_54	366990.71	3756317.13	6.70E+01	6.55E+01	4.14E+01	4.05E+01	3.13E+01	3.06E+01	1.95E+01	1.94E+01
Receptor_55	367029.39	3756228.58	2.33E+01	2.30E+01	1.43E+01	1.42E+01	1.10E+01	1.08E+01	7.40E+00	7.21E+00
Receptor_56	367044.19	3757929.41	2.15E+01	1.85E+01	1.36E+01	1.14E+01	9.72E+00	8.68E+00	6.61E+00	5.97E+00
Receptor_57	367068.08	3756140.03	2.04E+01	1.74E+01	1.29E+01	1.11E+01	8.17E+00	8.02E+00	5.67E+00	5.48E+00
Receptor_58	367106.77	3756051.48	1.79E+01	1.76E+01	1.14E+01	1.11E+01	7.85E+00	7.70E+00	5.30E+00	5.25E+00
Receptor_59	367145.45	3755962.93	1.68E+01	1.59E+01	1.09E+01	1.02E+01	7.34E+00	7.21E+00	5.08E+00	5.04E+00
Receptor_60	367163.35	3757937.75	2.06E+01	1.98E+01	1.30E+01	1.23E+01	8.17E+00	6.36E+00	5.54E+00	4.41E+00
Receptor_61	367184.14	3755874.38	1.81E+01	1.73E+01	1.14E+01	1.11E+01	7.59E+00	6.26E+00	5.20E+00	4.43E+00
Receptor_62	367222.83	3755785.83	2.32E+01	2.11E+01	1.42E+01	1.30E+01	8.36E+00	7.29E+00	5.72E+00	4.81E+00
Receptor_63	367261.51	3755697.28	1.83E+01	1.78E+01	1.13E+01	1.09E+01	6.91E+00	5.82E+00	4.81E+00	4.23E+00
Receptor_64	367284.84	3757912.25	1.59E+01	1.29E+01	9.74E+00	8.13E+00	5.93E+00	5.48E+00	4.21E+00	3.92E+00
Receptor_65	367300.2	3755608.73	1.25E+01	1.07E+01	7.70E+00	6.86E+00	5.33E+00	5.10E+00	3.84E+00	3.70E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_66	367338.88	3755520.18	1.88E+01	1.45E+01	1.20E+01	9.13E+00	9.78E+00	9.11E+00	6.57E+00	6.36E+00
Receptor_67	367348.39	3757912.82	1.88E+01	1.47E+01	1.22E+01	9.59E+00	1.06E+01	9.93E+00	7.14E+00	6.55E+00
Receptor_68	367377.57	3755431.63	2.67E+01	2.58E+01	1.71E+01	1.54E+01	1.37E+01	1.34E+01	8.71E+00	8.63E+00
Receptor_69	367401.92	3757982.92	3.21E+01	3.06E+01	1.98E+01	1.88E+01	1.31E+01	1.28E+01	8.73E+00	8.61E+00
Receptor_70	367464.88	3755430.72	3.18E+01	2.91E+01	1.95E+01	1.82E+01	1.43E+01	1.32E+01	9.05E+00	8.67E+00
Receptor_71	367498.6	3757937.52	1.11E+02	1.03E+02	6.84E+01	6.36E+01	5.02E+01	4.70E+01	3.13E+01	2.91E+01
Receptor_72	367539.8	3757864.76	2.97E+01	2.83E+01	1.86E+01	1.78E+01	1.37E+01	1.27E+01	9.01E+00	8.32E+00
Receptor_73	367552.2	3755429.8	2.70E+01	2.60E+01	1.68E+01	1.60E+01	1.16E+01	1.10E+01	7.62E+00	7.41E+00
Receptor_74	367596.95	3757879.64	2.16E+01	2.11E+01	1.37E+01	1.34E+01	1.16E+01	1.07E+01	7.61E+00	7.22E+00
Receptor_75	367628.79	3757855.59	3.15E+01	2.74E+01	1.96E+01	1.73E+01	1.27E+01	1.16E+01	8.22E+00	7.71E+00
Receptor_76	367639.51	3755428.89	2.79E+01	2.77E+01	1.73E+01	1.69E+01	1.31E+01	1.01E+01	8.51E+00	6.74E+00
Receptor_77	367696.39	3757845.44	4.56E+01	3.20E+01	2.76E+01	2.01E+01	1.29E+01	1.26E+01	8.38E+00	7.95E+00
Receptor_78	367700.81	3758169.46	3.44E+01	3.40E+01	2.10E+01	2.05E+01	1.10E+01	1.03E+01	7.25E+00	6.74E+00
Receptor_79	367707.57	3757896.37	3.46E+01	3.20E+01	2.12E+01	1.97E+01	1.20E+01	1.14E+01	8.13E+00	7.56E+00
Receptor_80	367726.83	3755427.97	2.47E+01	2.46E+01	1.50E+01	1.49E+01	8.72E+00	7.85E+00	5.90E+00	5.36E+00
Receptor_81	367734.79	3758105.67	1.81E+01	1.79E+01	1.12E+01	1.09E+01	6.98E+00	6.47E+00	4.83E+00	4.53E+00
Receptor_82	367743.72	3758010.21	1.50E+01	1.43E+01	9.31E+00	9.08E+00	5.95E+00	5.49E+00	4.22E+00	3.93E+00
Receptor_83	367785.33	3758200.53	1.97E+01	1.72E+01	1.25E+01	1.10E+01	8.61E+00	8.37E+00	5.72E+00	5.66E+00
Receptor_84	367814.14	3755427.06	2.53E+01	2.39E+01	1.59E+01	1.52E+01	1.49E+01	1.41E+01	9.77E+00	9.28E+00
Receptor_85	367830.31	3758150.13	3.45E+01	2.87E+01	2.10E+01	1.81E+01	1.70E+01	1.65E+01	1.10E+01	1.07E+01
Receptor_86	367839.73	3758178.15	3.39E+01	3.05E+01	2.06E+01	1.95E+01	1.73E+01	1.68E+01	1.08E+01	1.07E+01
Receptor_87	367874.18	3755433.41	5.45E+01	4.94E+01	3.29E+01	3.00E+01	2.29E+01	2.16E+01	1.43E+01	1.34E+01
Receptor_88	367912.8	3758112.41	5.05E+01	4.04E+01	3.09E+01	2.49E+01	2.37E+01	2.24E+01	1.50E+01	1.40E+01
Receptor_89	367934.21	3755439.76	7.19E+01	6.67E+01	4.37E+01	4.06E+01	3.93E+01	3.89E+01	2.42E+01	2.41E+01
Receptor_90	368001.74	3755450.16	3.75E+01	3.63E+01	2.31E+01	2.20E+01	2.06E+01	1.79E+01	1.29E+01	1.15E+01
Receptor_91	368067.33	3758044.68	3.31E+01	3.18E+01	2.01E+01	1.98E+01	1.72E+01	1.71E+01	1.10E+01	1.05E+01
Receptor_92	368069.28	3755460.56	4.43E+01	4.27E+01	2.70E+01	2.59E+01	2.21E+01	2.17E+01	1.39E+01	1.38E+01
Receptor_93	368136.81	3755470.96	2.54E+01	2.52E+01	1.59E+01	1.57E+01	1.57E+01	1.56E+01	1.03E+01	1.02E+01
Receptor_94	368139.37	3758014.68	4.42E+01	4.18E+01	2.67E+01	2.56E+01	1.89E+01	1.83E+01	1.21E+01	1.18E+01
Receptor_95	368217.94	3755478.99	4.41E+01	3.81E+01	2.64E+01	2.33E+01	1.90E+01	1.88E+01	1.16E+01	1.16E+01
Receptor_96	368226.2	3757984.68	1.41E+02	1.36E+02	8.42E+01	8.15E+01	6.67E+01	6.30E+01	4.03E+01	3.79E+01
Receptor_97	368310.2	3755477.83	1.19E+02	1.13E+02	7.20E+01	6.86E+01	5.69E+01	5.46E+01	3.45E+01	3.33E+01
Receptor_98	368312.17	3757967.29	7.07E+01	6.96E+01	4.25E+01	4.21E+01	2.89E+01	2.84E+01	1.75E+01	1.72E+01
Receptor_99	368386.06	3757966.42	3.42E+01	3.37E+01	2.07E+01	2.06E+01	1.22E+01	1.17E+01	7.64E+00	7.32E+00
Receptor_100	368402.45	3755476.67	2.52E+01	2.41E+01	1.53E+01	1.49E+01	9.42E+00	9.33E+00	6.16E+00	5.93E+00
Receptor_101	368459.96	3757965.55	6.89E+01	6.31E+01	4.29E+01	3.93E+01	3.76E+01	3.76E+01	2.34E+01	2.32E+01
Receptor_102	368494.71	3755475.51	3.11E+01	2.90E+01	1.92E+01	1.77E+01	1.82E+01	1.81E+01	1.18E+01	1.17E+01
Receptor_103	368533.85	3757964.68	3.24E+01	3.17E+01	1.98E+01	1.96E+01	1.78E+01	1.75E+01	1.16E+01	1.13E+01
Receptor_104	368533.98	3757935.39	2.53E+01	2.51E+01	1.59E+01	1.54E+01	1.32E+01	1.32E+01	8.82E+00	8.68E+00
Receptor_105	368586.97	3755474.35	2.33E+01	2.06E+01	1.43E+01	1.27E+01	1.21E+01	1.12E+01	7.70E+00	7.36E+00
Receptor_106	368594.27	3757948.47	3.27E+01	3.11E+01	2.01E+01	1.91E+01	1.33E+01	1.24E+01	8.44E+00	7.87E+00
Receptor_107	368657.87	3757978.44	2.86E+01	2.44E+01	1.76E+01	1.48E+01	1.02E+01	9.15E+00	6.58E+00	6.38E+00
Receptor_108	368679.22	3755473.19	2.56E+01	2.40E+01	1.59E+01	1.48E+01	1.03E+01	9.53E+00	7.09E+00	6.22E+00
Receptor_109	368710.99	3758011.46	2.19E+01	1.98E+01	1.35E+01	1.24E+01	1.03E+01	9.05E+00	7.08E+00	5.87E+00
Receptor_110	368748.06	3758034.51	1.51E+01	1.49E+01	9.89E+00	9.31E+00	8.69E+00	7.69E+00	6.10E+00	5.32E+00
Receptor_111	368771.48	3755472.04	1.38E+01	1.25E+01	9.09E+00	8.30E+00	7.20E+00	6.88E+00	5.19E+00	4.98E+00
Receptor_112	368806.72	3758070.98	1.22E+01	1.19E+01	8.16E+00	7.88E+00	6.33E+00	6.25E+00	4.65E+00	4.61E+00
Receptor_113	368863.73	3755470.88	2.40E+01	1.84E+01	1.47E+01	1.15E+01	9.62E+00	8.06E+00	6.24E+00	5.62E+00
Receptor_114	368865.39	3758107.46	2.35E+02	2.33E+02	1.43E+02	1.42E+02	1.28E+02	1.23E+02	7.75E+01	7.51E+01
Receptor_115	368931.37	3758150.49	1.55E+02	1.53E+02	9.42E+01	9.30E+01	7.61E+01	7.46E+01	4.59E+01	4.51E+01
Receptor_116	368955.99	3755469.72	1.33E+02	1.27E+02	8.38E+01	8.00E+01	6.94E+01	6.75E+01	4.36E+01	4.25E+01
Receptor_117	368974.29	3758177.61	6.95E+01	6.84E+01	4.43E+01	4.39E+01	3.07E+01	2.98E+01	1.98E+01	1.94E+01
Receptor_118	368992.63	3758138.09	4.99E+01	4.88E+01	3.19E+01	3.14E+01	2.17E+01	2.14E+01	1.44E+01	1.42E+01
Receptor_119	369011.06	3758086.77	3.83E+01	3.70E+01	2.44E+01	2.38E+01	1.73E+01	1.69E+01	1.15E+01	1.13E+01
Receptor_120	369048.25	3755468.56	6.34E+01	6.13E+01	4.03E+01	3.90E+01	2.15E+01	1.96E+01	1.43E+01	1.27E+01
Receptor_121	369097.31	3758131.13	5.67E+01	5.25E+01	3.60E+01	3.34E+01	1.96E+01	1.66E+01	1.31E+01	1.09E+01
Receptor_122	369140.5	3755467.4	5.09E+01	4.62E+01	3.23E+01	2.92E+01	1.62E+01	1.52E+01	1.10E+01	9.88E+00
Receptor_123	369216.91	3758091.16	3.70E+01	3.61E+01	2.36E+01	2.28E+01	1.41E+01	1.36E+01	9.68E+00	8.93E+00
Receptor_124	369232.76	3755466.24	2.76E+01	2.75E+01	1.77E+01	1.76E+01	1.24E+01	1.19E+01	8.61E+00	7.85E+00
Receptor_125	369267.76	3758146.04	2.10E+01	1.98E+01	1.34E+01	1.29E+01	8.83E+00	8.26E+00	6.29E+00	5.43E+00
Receptor_126	369271.6	3758257.04	1.63E+01	1.50E+01	1.04E+01	9.80E+00	7.27E+00	6.50E+00	5.28E+00	4.33E+00
Receptor_127	369323.2	3758086.63	1.31E+01	1.19E+01	8.39E+00	7.83E+00	6.24E+00	5.51E+00	4.64E+00	3.79E+00
Receptor_128	369328.65	3758304.45	2.76E+01	2.52E+01	1.70E+01	1.61E+01	1.19E+01	1.09E+01	7.72E+00	7.21E+00
Receptor_129	369329.84	3755464.79	2.23E+01	2.12E+01	1.38E+01	1.33E+01	1.04E+01	9.80E+00	6.89E+00	6.81E+00
Receptor_130	369342.43	3757939.52	4.04E+01	3.87E+01	2.49E+01	2.39E+01	1.86E+01	1.74E+01	1.17E+01	1.12E+01

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_131	369386.54	3758429.44	6.30E+01	5.65E+01	3.91E+01	3.51E+01	2.74E+01	2.51E+01	1.73E+01	1.63E+01
Receptor_132	369387.36	3758507.02	4.82E+01	4.49E+01	3.05E+01	2.84E+01	2.45E+01	2.19E+01	1.59E+01	1.44E+01
Receptor_133	369409.11	3758008.6	4.05E+01	3.98E+01	2.61E+01	2.60E+01	2.25E+01	2.15E+01	1.52E+01	1.44E+01
Receptor_134	369426.92	3755463.35	3.12E+01	2.88E+01	2.03E+01	1.84E+01	1.54E+01	1.48E+01	1.04E+01	1.01E+01
Receptor_135	369468.66	3758583.75	3.13E+01	2.94E+01	1.96E+01	1.90E+01	1.42E+01	1.28E+01	9.57E+00	8.73E+00
Receptor_136	369524	3755461.9	3.09E+01	3.08E+01	1.92E+01	1.92E+01	1.35E+01	1.24E+01	8.75E+00	8.23E+00
Receptor_137	369549.13	3758582.89	4.34E+01	3.84E+01	2.71E+01	2.39E+01	1.31E+01	1.16E+01	8.39E+00	7.55E+00
Receptor_138	369621.08	3755460.45	3.98E+01	3.52E+01	2.48E+01	2.19E+01	1.18E+01	1.12E+01	7.73E+00	7.24E+00
Receptor_139	369629.61	3758582.03	2.93E+01	2.68E+01	1.85E+01	1.68E+01	1.14E+01	9.43E+00	7.49E+00	6.68E+00
Receptor_140	369710.08	3758581.17	2.23E+01	2.14E+01	1.43E+01	1.35E+01	9.93E+00	9.12E+00	6.57E+00	6.45E+00
Receptor_141	369718.16	3755459	1.79E+01	1.77E+01	1.16E+01	1.11E+01	9.39E+00	9.24E+00	6.64E+00	6.17E+00
Receptor_142	369787.02	3758286.68	1.59E+01	1.53E+01	1.01E+01	9.84E+00	7.81E+00	7.68E+00	5.69E+00	5.38E+00
Receptor_143	369788.19	3758398.38	1.31E+01	1.30E+01	8.77E+00	8.27E+00	6.37E+00	6.31E+00	4.77E+00	4.52E+00
Receptor_144	369789.37	3758489.35	1.14E+01	1.10E+01	7.25E+00	7.24E+00	5.80E+00	5.49E+00	4.40E+00	4.18E+00
Receptor_145	369815.24	3755457.56	1.40E+01	1.34E+01	9.19E+00	8.79E+00	6.70E+00	6.50E+00	5.01E+00	4.85E+00
Receptor_146	369882.84	3758285.07	1.64E+01	1.48E+01	1.03E+01	1.01E+01	7.77E+00	7.42E+00	5.67E+00	5.42E+00
Receptor_147	369912.32	3755456.11	2.95E+01	2.88E+01	1.84E+01	1.83E+01	1.19E+01	1.12E+01	7.79E+00	7.78E+00
Receptor_148	369978.66	3758283.45	4.87E+01	3.54E+01	3.02E+01	2.19E+01	1.60E+01	1.42E+01	1.02E+01	9.19E+00
Receptor_149	370009.4	3755454.66	4.02E+01	3.09E+01	2.46E+01	1.94E+01	1.26E+01	1.15E+01	7.86E+00	7.81E+00
Receptor_150	370056.44	3758282.14	3.72E+01	3.31E+01	2.28E+01	2.03E+01	1.46E+01	1.44E+01	9.61E+00	9.48E+00
Receptor_151	370106.48	3755453.21	4.65E+01	4.65E+01	2.93E+01	2.93E+01	1.93E+01	1.64E+01	1.26E+01	1.05E+01
Receptor_152	370130.9	3758282.44	4.04E+01	3.27E+01	2.57E+01	2.08E+01	1.72E+01	1.70E+01	1.13E+01	1.09E+01
Receptor_153	370203.56	3755451.77	5.28E+01	5.26E+01	3.44E+01	3.43E+01	2.73E+01	2.62E+01	1.84E+01	1.75E+01
Receptor_154	370226.81	3758159.47	2.83E+01	2.68E+01	1.81E+01	1.71E+01	1.41E+01	1.40E+01	9.55E+00	9.47E+00
Receptor_155	370227.55	3758221.46	3.71E+01	3.47E+01	2.42E+01	2.27E+01	1.44E+01	1.38E+01	1.00E+01	9.00E+00
Receptor_156	370228.3	3758283.44	3.52E+01	3.28E+01	2.24E+01	2.09E+01	1.26E+01	1.06E+01	8.72E+00	7.27E+00
Receptor_157	370253.14	3758168.84	3.12E+01	3.07E+01	2.00E+01	1.94E+01	1.12E+01	9.68E+00	7.73E+00	6.49E+00
Receptor_158	370300.64	3755450.32	2.86E+01	2.67E+01	1.81E+01	1.73E+01	1.09E+01	9.27E+00	7.50E+00	6.42E+00
Receptor_159	370308.97	3758176.51	2.45E+01	2.12E+01	1.53E+01	1.35E+01	9.57E+00	8.45E+00	6.67E+00	6.03E+00
Receptor_160	370356.87	3758202.23	1.87E+01	1.79E+01	1.17E+01	1.13E+01	7.93E+00	7.93E+00	5.67E+00	5.54E+00
Receptor_161	370397.72	3755448.87	1.60E+01	1.59E+01	1.00E+01	9.99E+00	8.27E+00	8.13E+00	5.96E+00	5.79E+00
Receptor_162	370404.21	3758225.88	1.53E+01	1.45E+01	9.93E+00	9.27E+00	7.86E+00	7.23E+00	5.71E+00	5.18E+00
Receptor_163	370422.64	3758284.19	1.46E+01	1.25E+01	9.36E+00	8.18E+00	6.86E+00	6.04E+00	5.06E+00	4.40E+00
Receptor_164	370442.78	3758228.43	1.39E+01	1.19E+01	8.88E+00	7.74E+00	6.04E+00	5.54E+00	4.55E+00	4.09E+00
Receptor_165	370465.02	3755455.18	1.21E+01	1.11E+01	7.86E+00	7.66E+00	6.26E+00	5.71E+00	4.75E+00	4.38E+00
Receptor_166	370522.53	3758282.84	1.59E+01	1.43E+01	1.01E+01	9.03E+00	7.04E+00	6.77E+00	5.07E+00	4.79E+00
Receptor_167	370558.15	3755458.94	2.36E+01	2.00E+01	1.49E+01	1.23E+01	9.94E+00	8.72E+00	6.56E+00	6.25E+00
Receptor_168	370622.42	3758281.49	2.04E+01	1.74E+01	1.26E+01	1.08E+01	7.98E+00	7.78E+00	5.53E+00	5.49E+00
Receptor_169	370624.63	3755467.51	2.03E+01	1.86E+01	1.28E+01	1.18E+01	8.69E+00	8.43E+00	5.91E+00	5.81E+00
Receptor_170	370691.11	3755476.08	3.84E+01	3.09E+01	2.38E+01	1.89E+01	1.16E+01	1.15E+01	7.83E+00	7.69E+00
Receptor_171	370722.31	3758280.14	3.67E+01	3.57E+01	2.32E+01	2.25E+01	1.89E+01	1.62E+01	1.18E+01	1.05E+01
Receptor_172	370757.38	3755493.32	3.44E+01	3.26E+01	2.15E+01	2.04E+01	1.81E+01	1.79E+01	1.19E+01	1.17E+01
Receptor_173	370792.87	3757995.38	4.69E+01	4.35E+01	2.98E+01	2.78E+01	1.81E+01	1.65E+01	1.18E+01	1.06E+01
Receptor_174	370797.01	3758107.02	2.19E+01	2.19E+01	1.44E+01	1.40E+01	1.11E+01	1.01E+01	7.23E+00	7.10E+00
Receptor_175	370798.36	3758194.12	3.56E+01	3.36E+01	2.28E+01	2.14E+01	1.20E+01	1.05E+01	7.68E+00	7.21E+00
Receptor_176	370798.51	3757946.46	3.57E+01	3.44E+01	2.29E+01	2.21E+01	1.33E+01	1.32E+01	9.34E+00	8.67E+00
Receptor_177	370799.71	3758281.23	2.92E+01	2.68E+01	1.92E+01	1.75E+01	1.13E+01	1.07E+01	7.66E+00	7.43E+00
Receptor_178	370807.53	3755529.02	2.55E+01	2.49E+01	1.67E+01	1.63E+01	1.11E+01	9.12E+00	7.85E+00	6.51E+00
Receptor_179	370818.52	3757901.47	2.02E+01	1.91E+01	1.31E+01	1.27E+01	9.83E+00	8.63E+00	7.04E+00	6.26E+00
Receptor_180	370851.08	3757864.53	1.83E+01	1.75E+01	1.19E+01	1.13E+01	8.95E+00	8.62E+00	6.43E+00	6.27E+00
Receptor_181	370854.34	3755560.2	1.96E+01	1.89E+01	1.28E+01	1.26E+01	9.71E+00	8.81E+00	6.90E+00	6.40E+00
Receptor_182	370901.14	3755591.38	1.71E+01	1.58E+01	1.14E+01	1.01E+01	8.27E+00	7.48E+00	5.92E+00	5.50E+00
Receptor_183	370908.58	3757858.61	1.51E+01	1.38E+01	9.51E+00	9.27E+00	6.58E+00	6.40E+00	4.82E+00	4.76E+00
Receptor_184	370929.68	3755646.61	1.33E+01	1.17E+01	8.32E+00	7.65E+00	5.84E+00	5.77E+00	4.40E+00	4.39E+00
Receptor_185	370932.48	3755705.67	9.86E+00	9.49E+00	6.72E+00	6.50E+00	5.83E+00	5.32E+00	4.51E+00	4.17E+00
Receptor_186	370959.17	3757378.41	1.43E+01	1.26E+01	9.17E+00	7.96E+00	6.38E+00	6.16E+00	4.70E+00	4.60E+00
Receptor_187	370959.96	3757296.11	1.74E+01	1.51E+01	1.10E+01	9.31E+00	7.19E+00	7.04E+00	5.23E+00	5.06E+00
Receptor_188	370960.75	3757213.81	1.91E+01	1.66E+01	1.18E+01	1.02E+01	7.67E+00	7.51E+00	5.33E+00	5.29E+00
Receptor_189	370961.54	3757131.5	1.94E+01	1.38E+01	1.20E+01	8.96E+00	7.25E+00	7.18E+00	5.22E+00	5.19E+00
Receptor_190	370962.33	3757049.2	1.59E+01	1.51E+01	1.03E+01	9.39E+00	7.62E+00	7.18E+00	5.40E+00	5.30E+00
Receptor_191	370963.12	3756966.9	1.78E+01	1.72E+01	1.11E+01	1.07E+01	9.55E+00	9.48E+00	6.60E+00	6.60E+00
Receptor_192	370966.07	3757852.69	3.50E+01	3.40E+01	2.15E+01	2.10E+01	1.68E+01	1.65E+01	1.10E+01	1.07E+01
Receptor_193	370968.09	3757808.7	1.91E+01	1.87E+01	1.21E+01	1.21E+01	1.03E+01	9.78E+00	6.80E+00	6.75E+00
Receptor_194	370983.75	3755705.22	6.72E+01	6.05E+01	4.31E+01	3.88E+01	2.12E+01	2.07E+01	1.39E+01	1.37E+01
Receptor_195	370986.42	3755628.02	3.04E+01	2.60E+01	1.94E+01	1.63E+01	1.17E+01	1.15E+01	7.96E+00	7.61E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_196	370989.1	3755550.81	2.10E+01	1.98E+01	1.37E+01	1.30E+01	9.41E+00	9.21E+00	6.46E+00	6.08E+00
Receptor_197	370991.77	3755473.61	2.73E+01	2.29E+01	1.80E+01	1.47E+01	9.36E+00	8.45E+00	6.60E+00	5.51E+00
Receptor_198	371017.44	3757371.98	2.37E+01	2.21E+01	1.53E+01	1.41E+01	7.97E+00	7.77E+00	5.60E+00	5.16E+00
Receptor_199	371039.92	3757778.95	2.00E+01	1.85E+01	1.28E+01	1.18E+01	8.03E+00	7.82E+00	5.70E+00	5.59E+00
Receptor_200	371061.56	3756965.39	1.94E+01	1.91E+01	1.27E+01	1.26E+01	9.38E+00	9.15E+00	6.74E+00	6.43E+00
Receptor_201	371064.57	3755405.04	2.17E+01	2.15E+01	1.44E+01	1.44E+01	1.04E+01	9.71E+00	7.40E+00	6.80E+00
Receptor_202	371078.64	3757842.57	2.17E+01	2.05E+01	1.44E+01	1.35E+01	1.12E+01	1.01E+01	7.89E+00	7.17E+00
Receptor_203	371116.65	3757378.24	1.88E+01	1.76E+01	1.23E+01	1.19E+01	8.80E+00	7.81E+00	6.39E+00	5.73E+00
Receptor_204	371117.35	3757906.19	1.65E+01	1.59E+01	1.07E+01	1.02E+01	6.71E+00	6.48E+00	4.99E+00	4.63E+00
Receptor_205	371160.25	3755403.96	1.50E+01	1.39E+01	1.02E+01	8.85E+00	6.20E+00	5.78E+00	4.63E+00	4.41E+00
Receptor_206	371160	3756963.88	9.24E+00	8.32E+00	6.14E+00	6.13E+00	5.37E+00	5.02E+00	4.22E+00	3.97E+00
Receptor_207	371173.76	3757954.26	1.44E+01	1.19E+01	9.25E+00	7.53E+00	6.21E+00	5.64E+00	4.39E+00	4.29E+00
Receptor_208	371174.47	3757986.09	1.54E+01	1.36E+01	9.86E+00	8.37E+00	6.26E+00	5.63E+00	4.37E+00	4.31E+00
Receptor_209	371208.04	3757297.08	1.95E+01	1.92E+01	1.19E+01	1.17E+01	8.55E+00	8.35E+00	6.01E+00	5.80E+00
Receptor_210	371208.86	3757379.92	1.57E+01	1.19E+01	9.67E+00	7.40E+00	5.70E+00	5.67E+00	4.43E+00	4.37E+00
Receptor_211	371210.97	3757210	1.38E+01	1.11E+01	8.67E+00	7.34E+00	6.37E+00	6.29E+00	4.80E+00	4.68E+00
Receptor_212	371243.87	3757985.25	1.42E+01	1.41E+01	9.20E+00	8.76E+00	7.60E+00	7.30E+00	5.44E+00	5.42E+00
Receptor_213	371255.94	3755402.89	2.84E+01	2.57E+01	1.81E+01	1.62E+01	1.55E+01	1.51E+01	1.01E+01	9.88E+00
Receptor_214	371258.45	3756962.36	2.28E+01	1.81E+01	1.41E+01	1.16E+01	9.70E+00	9.15E+00	6.81E+00	6.42E+00
Receptor_215	371275.69	3757208.66	2.77E+01	2.73E+01	1.73E+01	1.72E+01	8.13E+00	7.65E+00	5.23E+00	5.19E+00
Receptor_216	371313.27	3757984.41	6.12E+01	5.28E+01	3.88E+01	3.35E+01	1.42E+01	1.39E+01	9.31E+00	9.31E+00
Receptor_217	371348.54	3758024.62	4.85E+01	3.03E+01	3.08E+01	1.93E+01	1.12E+01	1.01E+01	7.40E+00	6.60E+00
Receptor_218	371351.62	3755401.81	2.39E+01	2.29E+01	1.54E+01	1.43E+01	9.11E+00	8.83E+00	6.47E+00	5.81E+00
Receptor_219	371356.75	3757207.46	1.70E+01	1.66E+01	1.12E+01	1.07E+01	8.50E+00	7.13E+00	5.54E+00	5.18E+00
Receptor_220	371356.89	3756960.85	2.37E+01	1.53E+01	1.57E+01	1.02E+01	8.11E+00	7.23E+00	5.84E+00	4.80E+00
Receptor_221	371402.37	3758061.24	1.45E+01	1.40E+01	9.75E+00	8.91E+00	6.63E+00	5.71E+00	4.86E+00	4.31E+00
Receptor_222	371437.81	3757206.27	1.57E+01	1.57E+01	1.02E+01	1.00E+01	6.69E+00	6.08E+00	4.91E+00	4.49E+00
Receptor_223	371447.31	3755400.73	1.73E+01	1.58E+01	1.10E+01	1.01E+01	6.43E+00	6.34E+00	4.71E+00	4.70E+00
Receptor_224	371455.33	3756959.34	1.77E+01	1.64E+01	1.13E+01	1.10E+01	8.13E+00	7.54E+00	5.76E+00	5.55E+00
Receptor_225	371474.09	3758110.88	2.07E+01	1.98E+01	1.37E+01	1.30E+01	8.42E+00	8.18E+00	6.15E+00	5.82E+00
Receptor_226	371518.87	3757205.07	1.80E+01	1.70E+01	1.20E+01	1.12E+01	7.26E+00	6.32E+00	5.36E+00	4.46E+00
Receptor_227	371537.39	3758154.69	1.53E+01	1.48E+01	1.03E+01	9.96E+00	6.71E+00	5.28E+00	4.99E+00	4.06E+00
Receptor_228	371542.99	3755399.65	1.17E+01	9.45E+00	7.57E+00	6.04E+00	4.74E+00	4.62E+00	3.76E+00	3.58E+00
Receptor_229	371599.93	3757203.87	1.33E+01	1.13E+01	8.52E+00	6.97E+00	5.54E+00	5.49E+00	4.26E+00	4.12E+00
Receptor_230	371600.7	3758198.51	1.46E+01	1.37E+01	8.92E+00	8.42E+00	5.63E+00	5.44E+00	4.15E+00	4.09E+00
Receptor_231	371613.52	3756957.47	1.27E+01	1.09E+01	7.88E+00	6.77E+00	5.17E+00	5.12E+00	4.10E+00	4.01E+00
Receptor_232	371638.68	3755398.58	1.33E+01	9.28E+00	8.28E+00	5.82E+00	5.40E+00	5.34E+00	4.22E+00	4.11E+00
Receptor_233	371652.22	3756956.31	1.20E+01	1.17E+01	7.71E+00	7.45E+00	6.32E+00	6.23E+00	4.78E+00	4.61E+00
Receptor_234	371664	3758242.33	1.57E+01	1.38E+01	1.03E+01	8.77E+00	8.42E+00	8.38E+00	6.06E+00	5.98E+00
Receptor_235	371678.83	3757376.47	1.98E+01	1.95E+01	1.27E+01	1.22E+01	9.56E+00	9.31E+00	6.74E+00	6.48E+00
Receptor_236	371680.99	3757202.68	1.78E+01	1.49E+01	1.11E+01	9.68E+00	7.35E+00	7.17E+00	5.37E+00	5.20E+00
Receptor_237	371683.71	3757291.78	2.28E+01	2.12E+01	1.43E+01	1.34E+01	6.16E+00	5.99E+00	4.36E+00	4.30E+00
Receptor_238	371734.36	3755397.5	4.60E+01	4.04E+01	2.95E+01	2.59E+01	1.25E+01	1.24E+01	8.54E+00	8.35E+00
Receptor_239	371750.66	3756954.8	1.73E+01	1.60E+01	1.08E+01	1.01E+01	7.39E+00	7.01E+00	5.14E+00	4.98E+00
Receptor_240	371767.81	3758230.27	2.89E+01	1.73E+01	1.84E+01	1.09E+01	7.25E+00	6.34E+00	4.82E+00	4.69E+00
Receptor_241	371801.04	3755399.23	2.13E+01	1.87E+01	1.37E+01	1.17E+01	7.83E+00	7.06E+00	5.17E+00	5.16E+00
Receptor_242	371812.25	3757364.2	1.12E+01	1.07E+01	7.36E+00	7.05E+00	5.75E+00	5.70E+00	4.44E+00	4.33E+00
Receptor_243	371825.62	3758161.92	1.22E+01	1.21E+01	8.40E+00	8.13E+00	5.95E+00	5.60E+00	4.46E+00	4.12E+00
Receptor_244	371849.1	3756953.29	1.64E+01	1.25E+01	1.10E+01	8.15E+00	6.85E+00	5.47E+00	5.02E+00	4.22E+00
Receptor_245	371866.03	3757363.09	1.67E+01	1.55E+01	1.06E+01	1.01E+01	6.35E+00	5.41E+00	4.69E+00	4.08E+00
Receptor_246	371867.72	3755400.96	1.98E+01	1.87E+01	1.28E+01	1.19E+01	7.58E+00	7.11E+00	5.50E+00	4.94E+00
Receptor_247	371895.02	3758059.68	2.07E+01	1.91E+01	1.32E+01	1.23E+01	7.60E+00	7.59E+00	5.55E+00	5.36E+00
Receptor_248	371898.9	3758134.17	1.66E+01	1.43E+01	1.06E+01	9.10E+00	6.15E+00	6.13E+00	4.46E+00	4.23E+00
Receptor_249	371909.58	3757435.59	1.69E+01	1.58E+01	1.12E+01	1.04E+01	6.21E+00	5.84E+00	4.38E+00	4.30E+00
Receptor_250	371916.85	3757398.54	1.48E+01	1.41E+01	9.40E+00	8.69E+00	6.46E+00	5.99E+00	4.80E+00	4.44E+00
Receptor_251	371917.2	3757362.27	1.38E+01	1.22E+01	8.49E+00	7.82E+00	4.85E+00	4.78E+00	3.87E+00	3.43E+00
Receptor_252	371927.01	3757742.18	1.03E+01	1.02E+01	6.43E+00	6.31E+00	4.58E+00	4.46E+00	3.74E+00	3.63E+00
Receptor_253	371928.06	3757790.69	1.21E+01	8.50E+00	7.50E+00	5.36E+00	5.08E+00	4.93E+00	4.06E+00	3.76E+00
Receptor_254	371934.4	3755402.69	1.15E+01	1.12E+01	7.49E+00	7.19E+00	6.24E+00	5.77E+00	4.78E+00	4.30E+00
Receptor_255	371934.4	3757852.44	1.57E+01	1.19E+01	1.02E+01	7.76E+00	6.74E+00	6.65E+00	5.04E+00	4.89E+00
Receptor_256	371937.61	3757919.43	4.11E+01	3.36E+01	2.58E+01	2.12E+01	1.86E+01	1.77E+01	1.24E+01	1.17E+01
Receptor_257	371940.82	3757986.42	1.52E+01	1.51E+01	9.86E+00	9.83E+00	7.10E+00	6.75E+00	5.12E+00	4.99E+00
Receptor_258	371944.03	3758053.41	1.47E+01	1.31E+01	9.19E+00	8.63E+00	6.07E+00	5.82E+00	4.58E+00	4.37E+00
Receptor_259	371947.54	3756951.78	2.18E+01	2.06E+01	1.36E+01	1.30E+01	5.86E+00	5.28E+00	4.00E+00	3.96E+00
Receptor_260	371954.98	3757424.18	3.54E+01	3.45E+01	2.27E+01	2.20E+01	8.97E+00	8.45E+00	6.12E+00	5.91E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_261	372007.7	3757423.51	1.86E+01	1.47E+01	1.19E+01	9.49E+00	6.09E+00	5.45E+00	4.08E+00	4.04E+00
Receptor_262	372031.48	3757755.88	1.96E+01	1.77E+01	1.24E+01	1.13E+01	6.20E+00	5.88E+00	4.05E+00	4.03E+00
Receptor_263	372033.85	3755399.05	1.28E+01	1.16E+01	8.27E+00	7.50E+00	6.35E+00	6.29E+00	4.80E+00	4.77E+00
Receptor_264	372045.99	3756950.26	1.03E+01	9.62E+00	6.72E+00	6.28E+00	5.99E+00	5.84E+00	4.54E+00	4.40E+00
Receptor_265	372060.42	3757422.83	1.09E+01	9.92E+00	7.13E+00	6.55E+00	5.71E+00	5.57E+00	4.33E+00	4.13E+00
Receptor_266	372097.97	3757754.97	1.24E+01	1.23E+01	8.45E+00	8.35E+00	6.18E+00	5.69E+00	4.61E+00	4.05E+00
Receptor_267	372114.62	3757440.24	1.88E+01	1.14E+01	1.25E+01	7.57E+00	7.04E+00	5.49E+00	5.15E+00	4.17E+00
Receptor_268	372133.29	3755395.42	1.66E+01	1.59E+01	1.07E+01	1.06E+01	7.41E+00	6.24E+00	5.40E+00	4.73E+00
Receptor_269	372144.43	3756948.75	1.95E+01	1.81E+01	1.27E+01	1.16E+01	7.00E+00	6.35E+00	5.19E+00	4.71E+00
Receptor_270	372152.01	3757362.33	1.78E+01	1.72E+01	1.14E+01	1.11E+01	6.02E+00	5.58E+00	4.24E+00	3.94E+00
Receptor_271	372153.8	3757418.83	1.67E+01	1.52E+01	1.06E+01	9.70E+00	5.47E+00	5.06E+00	3.91E+00	3.70E+00
Receptor_272	372154.47	3757439.86	1.23E+01	1.06E+01	7.58E+00	6.87E+00	4.17E+00	4.06E+00	3.50E+00	3.14E+00
Receptor_273	372156.97	3757518.41	1.29E+01	1.26E+01	8.18E+00	7.99E+00	4.45E+00	4.15E+00	3.67E+00	3.28E+00
Receptor_274	372159.47	3757596.96	1.48E+01	1.05E+01	9.14E+00	6.68E+00	4.78E+00	4.74E+00	3.86E+00	3.56E+00
Receptor_275	372161.97	3757675.51	1.46E+01	1.22E+01	9.17E+00	7.93E+00	5.36E+00	5.29E+00	4.24E+00	3.88E+00
Receptor_276	372164.46	3757754.06	1.28E+01	1.14E+01	8.46E+00	7.10E+00	5.94E+00	5.69E+00	4.60E+00	4.23E+00
Receptor_277	372232.73	3755391.79	3.08E+01	2.87E+01	1.94E+01	1.76E+01	1.15E+01	1.10E+01	7.59E+00	7.07E+00
Receptor_278	372242.87	3756947.24	1.70E+01	1.56E+01	1.11E+01	9.79E+00	6.99E+00	6.89E+00	5.08E+00	5.06E+00
Receptor_279	372332.18	3755388.15	1.41E+01	1.41E+01	9.28E+00	9.21E+00	6.40E+00	5.94E+00	4.69E+00	4.49E+00
Receptor_280	372341.31	3756945.73	1.29E+01	1.24E+01	8.15E+00	8.14E+00	5.25E+00	5.12E+00	4.06E+00	3.93E+00
Receptor_281	372410.73	3755381.99	1.56E+01	1.27E+01	9.89E+00	8.02E+00	4.36E+00	4.27E+00	3.42E+00	3.27E+00
Receptor_282	372439.76	3756944.21	2.38E+01	2.26E+01	1.54E+01	1.46E+01	7.36E+00	7.32E+00	5.22E+00	5.09E+00
Receptor_283	372489.28	3755375.83	1.22E+01	1.15E+01	8.08E+00	7.65E+00	5.62E+00	5.57E+00	4.27E+00	4.25E+00
Receptor_284	372538.2	3756942.7	1.28E+01	1.21E+01	8.40E+00	7.60E+00	5.73E+00	5.72E+00	4.36E+00	4.30E+00
Receptor_285	372567.83	3755369.67	1.06E+01	1.00E+01	6.74E+00	6.41E+00	5.32E+00	5.25E+00	4.09E+00	4.08E+00
Receptor_286	372621.24	3755369.96	1.02E+01	9.01E+00	6.57E+00	5.98E+00	5.27E+00	5.03E+00	4.04E+00	3.95E+00
Receptor_287	372627.96	3756505.77	1.24E+01	9.06E+00	8.03E+00	5.90E+00	5.33E+00	5.20E+00	4.07E+00	3.86E+00
Receptor_288	372628.35	3756589.05	1.27E+01	1.15E+01	8.19E+00	7.71E+00	6.00E+00	5.90E+00	4.50E+00	4.09E+00
Receptor_289	372630.81	3757026.03	1.25E+01	1.07E+01	8.40E+00	7.44E+00	6.00E+00	5.37E+00	4.49E+00	3.95E+00
Receptor_290	372632.23	3757120.5	1.92E+01	1.23E+01	1.28E+01	8.23E+00	7.60E+00	5.87E+00	5.49E+00	4.41E+00
Receptor_291	372632.53	3756752.34	1.91E+01	1.57E+01	1.28E+01	1.03E+01	8.59E+00	7.46E+00	6.20E+00	5.37E+00
Receptor_292	372634.59	3756846.76	1.69E+01	1.45E+01	1.08E+01	9.42E+00	5.95E+00	5.07E+00	4.48E+00	3.81E+00
Receptor_293	372634.7	3757211.58	1.77E+01	1.36E+01	1.15E+01	8.69E+00	5.41E+00	5.11E+00	3.94E+00	3.56E+00
Receptor_294	372636.64	3756941.19	1.12E+01	1.06E+01	7.37E+00	6.69E+00	3.98E+00	3.70E+00	3.38E+00	3.11E+00
Receptor_295	372650.02	3757248.61	1.35E+01	1.14E+01	8.40E+00	7.31E+00	4.87E+00	4.62E+00	3.79E+00	3.64E+00
Receptor_296	372671.9	3757332.14	1.59E+01	1.15E+01	9.87E+00	7.66E+00	4.88E+00	4.74E+00	3.87E+00	3.65E+00
Receptor_297	372672.36	3756975.42	1.21E+01	1.11E+01	7.58E+00	7.43E+00	5.07E+00	4.99E+00	4.03E+00	3.91E+00
Receptor_298	372672.57	3757018.04	1.75E+01	1.57E+01	1.14E+01	1.03E+01	6.81E+00	6.58E+00	4.90E+00	4.86E+00
Receptor_299	372692.63	3756588.53	2.48E+01	2.15E+01	1.54E+01	1.39E+01	9.87E+00	8.38E+00	6.82E+00	6.02E+00
Receptor_300	372694.6	3756751.91	1.41E+01	1.37E+01	9.21E+00	8.64E+00	6.13E+00	5.30E+00	4.52E+00	4.09E+00
Receptor_301	372697.78	3755368.97	1.21E+01	1.21E+01	8.06E+00	7.88E+00	5.30E+00	4.70E+00	4.01E+00	3.72E+00
Receptor_302	372704.41	3757417.13	1.25E+01	1.17E+01	8.25E+00	7.39E+00	5.10E+00	5.03E+00	3.92E+00	3.90E+00
Receptor_303	372725.34	3756505.44	9.70E+00	9.09E+00	6.09E+00	5.72E+00	4.67E+00	4.62E+00	3.66E+00	3.66E+00
Receptor_304	372730.58	3756678.55	1.62E+01	1.61E+01	1.08E+01	1.04E+01	7.92E+00	7.90E+00	5.84E+00	5.80E+00
Receptor_305	372739.22	3757507.15	1.07E+01	1.01E+01	7.13E+00	6.77E+00	5.29E+00	5.15E+00	4.05E+00	4.02E+00
Receptor_306	372756.67	3756751.48	1.19E+01	1.17E+01	7.94E+00	7.80E+00	6.13E+00	6.12E+00	4.64E+00	4.58E+00
Receptor_307	372768.35	3756973.59	1.04E+01	1.01E+01	6.74E+00	6.59E+00	5.06E+00	4.92E+00	3.91E+00	3.89E+00
Receptor_308	372770.71	3757656.89	9.37E+00	9.20E+00	5.99E+00	5.91E+00	4.73E+00	4.70E+00	3.74E+00	3.70E+00
Receptor_309	372773.23	3757598.18	1.15E+01	1.11E+01	7.29E+00	7.27E+00	5.12E+00	4.80E+00	3.93E+00	3.66E+00
Receptor_310	372774.32	3755367.98	1.48E+01	1.10E+01	9.55E+00	7.40E+00	5.37E+00	5.22E+00	4.08E+00	3.52E+00
Receptor_311	372774.75	3757745.62	1.16E+01	1.16E+01	7.76E+00	7.46E+00	5.03E+00	4.87E+00	3.87E+00	3.41E+00
Receptor_312	372784.4	3757635.25	1.15E+01	1.03E+01	7.79E+00	6.76E+00	5.47E+00	5.09E+00	4.15E+00	3.66E+00
Receptor_313	372822.71	3756505.12	2.68E+01	2.43E+01	1.78E+01	1.57E+01	1.34E+01	1.33E+01	9.19E+00	8.79E+00
Receptor_314	372839.8	3757745.93	1.69E+01	1.11E+01	1.13E+01	7.27E+00	6.32E+00	4.73E+00	4.70E+00	3.77E+00
Receptor_315	372850.87	3755366.99	1.34E+01	1.30E+01	8.80E+00	8.69E+00	5.40E+00	4.34E+00	4.12E+00	3.42E+00
Receptor_316	372864.35	3756971.76	1.23E+01	1.19E+01	8.09E+00	7.26E+00	3.97E+00	3.90E+00	3.34E+00	3.08E+00
Receptor_317	372904.85	3757746.24	1.57E+01	1.06E+01	9.67E+00	7.07E+00	4.42E+00	4.07E+00	3.39E+00	3.35E+00
Receptor_318	372910.27	3757732.13	1.29E+01	1.18E+01	8.11E+00	7.34E+00	4.64E+00	4.24E+00	3.51E+00	3.49E+00
Receptor_319	372919.43	3756436.58	1.20E+01	1.16E+01	7.79E+00	7.63E+00	5.54E+00	5.15E+00	4.06E+00	3.91E+00
Receptor_320	372920.09	3756504.79	6.89E+01	4.03E+01	4.34E+01	2.58E+01	1.57E+01	1.51E+01	1.04E+01	9.59E+00
Receptor_321	372927.41	3755366	1.64E+01	1.63E+01	1.07E+01	1.03E+01	6.03E+00	5.56E+00	4.47E+00	4.10E+00
Receptor_322	372927.86	3755465.33	1.82E+01	1.40E+01	1.16E+01	8.78E+00	5.49E+00	4.88E+00	4.12E+00	3.47E+00
Receptor_323	372928.32	3755564.67	1.86E+01	1.86E+01	1.21E+01	1.20E+01	5.76E+00	4.30E+00	4.30E+00	3.29E+00
Receptor_324	372928.77	3755564	1.36E+01	1.12E+01	8.87E+00	7.43E+00	4.64E+00	4.33E+00	3.61E+00	3.28E+00
Receptor_325	372929.23	3755763.34	8.49E+00	8.21E+00	5.34E+00	5.20E+00	4.34E+00	4.11E+00	3.42E+00	3.37E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_326	372947.75	3756971.61	1.17E+01	1.01E+01	7.94E+00	6.79E+00	4.76E+00	4.72E+00	3.74E+00	3.57E+00
Receptor_327	372992.82	3755761.76	1.02E+01	9.84E+00	6.84E+00	6.64E+00	4.74E+00	4.61E+00	3.74E+00	3.66E+00
Receptor_328	372995.87	3757731.75	1.68E+01	1.62E+01	1.09E+01	1.05E+01	5.73E+00	5.16E+00	4.05E+00	3.82E+00
Receptor_329	373004.43	3756435.35	1.35E+01	1.20E+01	8.58E+00	7.87E+00	4.80E+00	4.74E+00	3.81E+00	3.71E+00
Receptor_330	373031.15	3756971.45	1.40E+01	1.25E+01	8.88E+00	7.93E+00	4.52E+00	4.20E+00	3.63E+00	3.36E+00
Receptor_331	373056.4	3755760.18	1.65E+01	1.38E+01	1.05E+01	8.77E+00	4.14E+00	4.11E+00	3.38E+00	3.32E+00
Receptor_332	373057.59	3755829.92	1.27E+01	1.24E+01	8.08E+00	7.98E+00	4.86E+00	4.64E+00	3.77E+00	3.18E+00
Receptor_333	373058.79	3755899.65	1.44E+01	1.13E+01	9.33E+00	7.58E+00	5.12E+00	4.66E+00	3.92E+00	3.17E+00
Receptor_334	373077.68	3757731.38	1.12E+01	1.08E+01	7.54E+00	6.93E+00	4.75E+00	4.26E+00	3.69E+00	3.18E+00
Receptor_335	373089.44	3756434.13	2.13E+01	1.80E+01	1.40E+01	1.18E+01	6.83E+00	6.49E+00	4.82E+00	4.50E+00
Receptor_336	373118.11	3756991.19	1.22E+01	1.17E+01	8.22E+00	8.08E+00	5.46E+00	5.11E+00	4.15E+00	3.47E+00
Receptor_337	373137.84	3755759.39	1.74E+01	1.02E+01	1.16E+01	6.72E+00	5.77E+00	4.10E+00	4.35E+00	3.14E+00
Receptor_338	373138.33	3755829.37	1.56E+01	1.27E+01	1.02E+01	8.35E+00	7.41E+00	7.26E+00	5.12E+00	5.03E+00
Receptor_339	373138.82	3755899.35	2.00E+01	1.68E+01	1.29E+01	1.09E+01	7.54E+00	7.30E+00	5.41E+00	5.18E+00
Receptor_340	373159.49	3757731.01	1.56E+01	1.25E+01	9.93E+00	7.82E+00	6.59E+00	6.43E+00	4.71E+00	4.61E+00
Receptor_341	373174.45	3756432.91	1.85E+01	1.42E+01	1.19E+01	9.37E+00	8.70E+00	7.36E+00	5.98E+00	5.12E+00
Receptor_342	373179.17	3757023.66	2.22E+01	2.15E+01	1.39E+01	1.35E+01	9.88E+00	8.91E+00	6.73E+00	6.13E+00
Receptor_343	373213.14	3755758.34	1.87E+01	1.73E+01	1.17E+01	1.11E+01	7.91E+00	6.88E+00	5.49E+00	4.85E+00
Receptor_344	373236.62	3757073.64	1.36E+01	1.30E+01	8.61E+00	8.50E+00	6.71E+00	6.26E+00	4.81E+00	4.49E+00
Receptor_345	373241.3	3757730.64	1.31E+01	1.16E+01	8.13E+00	7.59E+00	6.01E+00	5.33E+00	4.39E+00	3.93E+00
Receptor_346	373259.45	3756431.68	1.29E+01	1.15E+01	8.45E+00	7.11E+00	5.43E+00	5.22E+00	4.04E+00	3.87E+00
Receptor_347	373288.44	3755757.29	1.27E+01	1.02E+01	8.27E+00	6.63E+00	5.04E+00	4.93E+00	3.81E+00	3.68E+00
Receptor_348	373303.06	3757072.9	1.08E+01	1.05E+01	7.08E+00	6.94E+00	4.74E+00	4.58E+00	3.64E+00	3.56E+00
Receptor_349	373317.14	3756432.03	1.17E+01	1.01E+01	7.58E+00	6.56E+00	4.39E+00	4.35E+00	3.50E+00	3.40E+00
Receptor_350	373323.11	3757730.27	1.08E+01	1.05E+01	7.08E+00	6.68E+00	4.38E+00	4.19E+00	3.33E+00	3.27E+00
Receptor_351	373323.28	3757744.87	1.18E+01	1.09E+01	7.69E+00	6.95E+00	4.61E+00	3.97E+00	3.39E+00	3.20E+00
Receptor_352	373363.74	3755756.24	1.27E+01	1.21E+01	8.04E+00	7.92E+00	4.72E+00	3.92E+00	3.46E+00	3.17E+00
Receptor_353	373365.13	3755845.96	1.08E+01	9.51E+00	7.01E+00	6.17E+00	4.12E+00	3.71E+00	3.10E+00	3.05E+00
Receptor_354	373366.53	3755935.69	1.18E+01	9.73E+00	7.68E+00	6.36E+00	6.88E+00	6.02E+00	4.82E+00	4.30E+00
Receptor_355	373367.92	3756025.41	1.40E+01	1.31E+01	9.19E+00	8.03E+00	7.50E+00	7.38E+00	5.23E+00	5.13E+00
Receptor_356	373369.31	3756115.13	2.86E+01	2.37E+01	1.83E+01	1.52E+01	1.01E+01	9.06E+00	7.04E+00	6.29E+00
Receptor_357	373369.5	3757072.16	1.67E+01	1.57E+01	1.06E+01	9.72E+00	7.44E+00	7.31E+00	5.30E+00	5.26E+00
Receptor_358	373370.37	3757159.75	1.87E+01	1.79E+01	1.21E+01	1.11E+01	1.06E+01	1.03E+01	6.94E+00	6.94E+00
Receptor_359	373370.71	3756204.86	2.64E+01	2.53E+01	1.64E+01	1.60E+01	1.22E+01	1.14E+01	8.14E+00	7.54E+00
Receptor_360	373371.24	3757247.34	1.78E+01	1.67E+01	1.13E+01	1.07E+01	8.42E+00	8.13E+00	5.83E+00	5.67E+00
Receptor_361	373372.1	3756294.58	1.58E+01	1.44E+01	9.74E+00	9.12E+00	7.32E+00	6.69E+00	5.17E+00	4.75E+00
Receptor_362	373372.12	3757334.94	1.54E+01	1.33E+01	9.97E+00	8.24E+00	6.42E+00	6.25E+00	4.59E+00	4.53E+00
Receptor_363	373372.99	3757422.53	1.42E+01	1.23E+01	9.20E+00	7.64E+00	5.91E+00	5.72E+00	4.28E+00	4.22E+00
Receptor_364	373373.72	3756378.86	1.42E+01	1.18E+01	9.10E+00	7.49E+00	5.38E+00	5.30E+00	4.03E+00	3.92E+00
Receptor_365	373373.86	3757510.12	1.30E+01	1.26E+01	8.39E+00	7.94E+00	5.19E+00	4.90E+00	3.74E+00	3.72E+00
Receptor_366	373374.73	3757597.71	1.34E+01	1.24E+01	8.65E+00	7.88E+00	5.49E+00	4.99E+00	3.93E+00	3.87E+00
Receptor_367	373374.83	3756432.37	1.79E+01	1.59E+01	1.14E+01	1.00E+01	6.33E+00	4.64E+00	4.45E+00	3.64E+00
Receptor_368	373375.6	3757685.31	1.35E+01	1.25E+01	8.60E+00	8.00E+00	5.29E+00	4.22E+00	3.81E+00	3.36E+00
Receptor_369	373393.43	3757684.85	1.13E+01	1.08E+01	7.35E+00	7.07E+00	4.87E+00	3.93E+00	3.55E+00	3.16E+00
Receptor_370	373394.3	3757744.19	1.04E+01	9.76E+00	6.53E+00	6.48E+00	4.48E+00	3.49E+00	3.32E+00	2.93E+00
Receptor_371	366809.77	3757837.27	1.76E+01	1.73E+01	1.13E+01	1.10E+01	1.08E+01	9.63E+00	7.26E+00	6.56E+00
Receptor_372	366843.26	3757860.52	1.48E+01	1.26E+01	9.67E+00	8.39E+00	7.66E+00	7.60E+00	5.27E+00	5.17E+00
Receptor_373	366900	3758500	3.15E+01	3.08E+01	2.05E+01	2.01E+01	1.30E+01	1.23E+01	8.53E+00	8.50E+00
Receptor_374	366900	3762500	2.13E+01	1.92E+01	1.32E+01	1.23E+01	9.00E+00	8.61E+00	6.28E+00	6.09E+00
Receptor_375	366900	3763500	2.28E+01	2.12E+01	1.46E+01	1.34E+01	1.28E+01	1.28E+01	8.51E+00	8.47E+00
Receptor_376	366900	3764500	2.87E+01	2.59E+01	1.80E+01	1.65E+01	1.28E+01	1.19E+01	8.50E+00	7.86E+00
Receptor_377	366982.41	3757958.65	1.98E+01	1.87E+01	1.22E+01	1.16E+01	9.50E+00	9.10E+00	6.48E+00	6.24E+00
Receptor_378	367163.97	3758028.8	1.90E+01	1.63E+01	1.22E+01	1.00E+01	8.48E+00	7.65E+00	5.86E+00	5.36E+00
Receptor_379	367275.38	3757999.92	1.70E+01	1.60E+01	1.09E+01	1.03E+01	7.34E+00	6.70E+00	5.17E+00	4.67E+00
Receptor_380	367395.04	3758065.94	1.68E+01	1.58E+01	1.07E+01	9.90E+00	6.74E+00	6.57E+00	4.61E+00	4.58E+00
Receptor_381	367880.4	3758145.84	1.44E+01	1.43E+01	9.33E+00	9.25E+00	6.38E+00	6.20E+00	4.46E+00	4.46E+00
Receptor_382	367900	3761500	1.79E+01	1.60E+01	1.14E+01	1.00E+01	7.02E+00	5.46E+00	4.84E+00	4.02E+00
Receptor_383	367900	3762500	1.59E+01	1.56E+01	1.01E+01	9.89E+00	6.94E+00	6.09E+00	4.83E+00	4.53E+00
Receptor_384	367900	3764500	1.94E+01	1.55E+01	1.24E+01	9.92E+00	7.00E+00	5.60E+00	4.89E+00	4.04E+00
Receptor_385	368068.97	3758068.94	1.66E+01	1.50E+01	1.03E+01	9.22E+00	6.18E+00	5.02E+00	4.35E+00	3.73E+00
Receptor_386	368182.48	3758015.85	1.38E+01	1.35E+01	8.60E+00	8.26E+00	5.34E+00	4.41E+00	3.84E+00	3.28E+00
Receptor_387	368416.83	3757988.39	1.19E+01	1.06E+01	7.34E+00	6.68E+00	4.88E+00	4.41E+00	3.56E+00	3.28E+00
Receptor_388	368577.94	3757979.23	1.19E+01	1.16E+01	7.90E+00	7.57E+00	4.79E+00	7.04E+00	5.36E+00	5.11E+00
Receptor_389	368764.68	3758079.93	1.69E+01	1.47E+01	1.10E+01	9.12E+00	9.61E+00	9.45E+00	6.50E+00	6.39E+00
Receptor_390	368900	3754500	1.86E+01	1.73E+01	1.18E+01	1.11E+01	1.15E+01	1.05E+01	7.58E+00	6.90E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_391	368900	3759500	3.72E+01	3.67E+01	2.37E+01	2.34E+01	1.58E+01	1.50E+01	1.02E+01	1.00E+01
Receptor_392	368900	3761500	2.60E+01	2.52E+01	1.61E+01	1.53E+01	1.07E+01	1.06E+01	7.17E+00	7.16E+00
Receptor_393	368900	3762500	3.01E+01	2.80E+01	1.87E+01	1.77E+01	1.53E+01	1.47E+01	1.00E+01	9.58E+00
Receptor_394	368900	3763500	3.01E+01	2.86E+01	1.85E+01	1.77E+01	1.46E+01	1.42E+01	9.57E+00	9.29E+00
Receptor_395	368900	3764500	2.48E+01	2.23E+01	1.56E+01	1.37E+01	1.14E+01	1.03E+01	7.66E+00	6.78E+00
Receptor_396	368944.1	3758186.12	2.43E+01	2.20E+01	1.52E+01	1.37E+01	9.73E+00	9.55E+00	6.53E+00	6.52E+00
Receptor_397	369206.25	3758147.26	1.97E+01	1.93E+01	1.25E+01	1.23E+01	9.31E+00	8.92E+00	6.24E+00	6.10E+00
Receptor_398	369268.49	3758066.34	2.09E+01	1.96E+01	1.34E+01	1.24E+01	9.04E+00	8.84E+00	6.07E+00	6.06E+00
Receptor_399	369333.85	3757999.43	2.35E+01	2.24E+01	1.46E+01	1.40E+01	9.79E+00	7.84E+00	6.52E+00	5.17E+00
Receptor_400	369425.6	3758641.99	2.28E+01	2.24E+01	1.42E+01	1.40E+01	9.52E+00	7.67E+00	6.37E+00	5.10E+00
Receptor_401	369599.53	3758634.67	3.94E+01	2.49E+01	2.40E+01	1.53E+01	1.00E+01	9.17E+00	6.48E+00	6.19E+00
Receptor_402	369775.29	3758632.83	2.28E+01	2.27E+01	1.40E+01	1.38E+01	8.19E+00	7.62E+00	5.63E+00	5.24E+00
Receptor_403	369834.01	3758329.33	1.88E+01	1.61E+01	1.15E+01	9.90E+00	7.09E+00	6.64E+00	4.92E+00	4.63E+00
Receptor_404	369900	3754500	1.44E+01	1.30E+01	8.96E+00	7.97E+00	6.00E+00	5.68E+00	4.25E+00	4.05E+00
Receptor_405	369900	3758500	1.31E+01	1.17E+01	8.15E+00	7.20E+00	5.19E+00	5.19E+00	3.76E+00	3.75E+00
Receptor_406	369900	3759500	1.66E+01	1.50E+01	1.05E+01	9.82E+00	1.01E+01	8.73E+00	6.81E+00	6.16E+00
Receptor_407	369900	3761500	1.86E+01	1.69E+01	1.19E+01	1.08E+01	1.08E+01	1.04E+01	7.16E+00	6.99E+00
Receptor_408	369900	3762500	2.75E+01	2.34E+01	1.73E+01	1.49E+01	1.33E+01	1.32E+01	8.75E+00	8.47E+00
Receptor_409	369900	3764500	5.56E+01	5.52E+01	3.46E+01	3.44E+01	2.27E+01	2.16E+01	1.44E+01	1.40E+01
Receptor_410	370006.1	3758331.16	3.86E+01	3.49E+01	2.34E+01	2.15E+01	1.60E+01	1.57E+01	1.01E+01	1.01E+01
Receptor_411	370183.69	3758338.49	3.44E+01	3.23E+01	2.12E+01	2.01E+01	1.84E+01	1.82E+01	1.19E+01	1.14E+01
Receptor_412	370425.35	3758336.66	4.38E+01	4.04E+01	2.73E+01	2.51E+01	2.09E+01	1.99E+01	1.33E+01	1.28E+01
Receptor_413	370701.79	3758334.82	3.04E+01	2.99E+01	1.89E+01	1.83E+01	1.47E+01	1.35E+01	9.48E+00	8.94E+00
Receptor_414	370780.52	3758327.5	3.39E+01	3.37E+01	2.06E+01	2.05E+01	1.56E+01	1.42E+01	9.70E+00	9.17E+00
Receptor_415	370900	3759500	8.36E+01	7.99E+01	5.08E+01	4.84E+01	3.27E+01	2.75E+01	2.02E+01	1.69E+01
Receptor_416	370900	3760500	4.71E+01	4.59E+01	2.84E+01	2.79E+01	2.35E+01	2.20E+01	1.47E+01	1.38E+01
Receptor_417	370900	3762500	6.30E+01	5.77E+01	3.79E+01	3.49E+01	2.35E+01	2.30E+01	1.47E+01	1.44E+01
Receptor_418	370900	3763500	4.66E+01	4.56E+01	2.85E+01	2.74E+01	1.69E+01	1.60E+01	1.08E+01	1.02E+01
Receptor_419	370900	3764500	3.50E+01	3.49E+01	2.15E+01	2.12E+01	1.38E+01	1.32E+01	8.98E+00	8.50E+00
Receptor_420	371295.29	3758036.94	2.84E+01	2.72E+01	1.73E+01	1.70E+01	1.17E+01	1.15E+01	7.58E+00	7.47E+00
Receptor_421	371421.46	3758118.19	2.19E+01	2.11E+01	1.37E+01	1.30E+01	9.77E+00	8.99E+00	6.50E+00	6.05E+00
Receptor_422	371550.51	3758209	2.06E+01	2.02E+01	1.27E+01	1.27E+01	7.49E+00	6.65E+00	5.15E+00	4.35E+00
Receptor_423	371685.28	3758299.81	1.79E+01	1.73E+01	1.14E+01	1.07E+01	5.73E+00	5.64E+00	4.04E+00	3.73E+00
Receptor_424	371754.11	3758291.2	1.41E+02	1.20E+02	8.41E+01	7.04E+01	6.99E+01	6.52E+01	4.17E+01	3.85E+01
Receptor_425	371807.64	3758213.78	5.54E+01	5.15E+01	3.29E+01	3.09E+01	3.45E+01	3.40E+01	2.12E+01	2.10E+01
Receptor_426	371874.55	3758164.07	5.63E+01	5.63E+01	3.40E+01	3.40E+01	3.23E+01	3.19E+01	1.99E+01	1.99E+01
Receptor_427	371900	3758500	5.37E+01	4.93E+01	3.23E+01	3.00E+01	2.40E+01	2.29E+01	1.46E+01	1.41E+01
Receptor_428	371900	3759500	3.13E+01	2.93E+01	1.90E+01	1.81E+01	1.35E+01	1.31E+01	8.79E+00	8.45E+00
Receptor_429	371900	3762500	3.17E+01	3.14E+01	1.93E+01	1.92E+01	1.27E+01	1.23E+01	8.57E+00	7.66E+00
Receptor_430	371900	3763500	3.50E+01	3.25E+01	2.14E+01	1.99E+01	1.28E+01	1.19E+01	8.56E+00	7.38E+00
Receptor_431	371933.81	3758104.81	3.10E+01	2.78E+01	1.90E+01	1.71E+01	1.33E+01	1.14E+01	8.86E+00	7.30E+00
Receptor_432	372241	3757883	2.84E+01	2.69E+01	1.75E+01	1.66E+01	1.53E+01	1.32E+01	1.01E+01	8.37E+00
Receptor_433	372241	3757983	2.36E+01	2.33E+01	1.50E+01	1.45E+01	1.35E+01	1.21E+01	8.99E+00	7.69E+00
Receptor_434	372341	3757883	2.14E+01	1.91E+01	1.31E+01	1.16E+01	9.78E+00	9.47E+00	6.55E+00	6.27E+00
Receptor_435	372341	3757983	1.83E+01	1.79E+01	1.13E+01	1.11E+01	8.42E+00	8.37E+00	5.51E+00	5.30E+00
Receptor_436	372900	3753500	1.58E+01	1.49E+01	9.81E+00	9.11E+00	7.00E+00	6.91E+00	4.60E+00	4.47E+00
Receptor_437	372900	3754500	2.89E+01	2.47E+01	1.80E+01	1.53E+01	1.06E+01	1.03E+01	6.91E+00	6.87E+00
Receptor_438	372900	3759500	4.49E+01	4.47E+01	2.69E+01	2.67E+01	2.35E+01	2.18E+01	1.48E+01	1.38E+01
Receptor_439	372900	3760500	3.30E+01	3.29E+01	2.06E+01	2.02E+01	1.60E+01	1.58E+01	1.05E+01	1.05E+01
Receptor_440	372900	3761500	2.68E+01	2.62E+01	1.72E+01	1.64E+01	1.27E+01	1.22E+01	8.36E+00	8.05E+00
Receptor_441	372900	3762500	2.37E+01	2.37E+01	1.50E+01	1.50E+01	1.23E+01	1.09E+01	8.34E+00	7.30E+00
Receptor_442	373541	3757783	2.98E+01	2.95E+01	1.83E+01	1.81E+01	1.37E+01	1.13E+01	8.78E+00	7.27E+00
Receptor_443	373541	3757883	2.81E+01	2.55E+01	1.73E+01	1.61E+01	1.12E+01	1.06E+01	7.30E+00	7.14E+00
Receptor_444	373541	3757983	2.73E+01	2.62E+01	1.69E+01	1.64E+01	1.12E+01	1.06E+01	7.31E+00	6.94E+00
Receptor_445	373641	3756983	2.51E+01	2.17E+01	1.56E+01	1.34E+01	1.03E+01	9.60E+00	6.75E+00	6.70E+00
Receptor_446	373641	3757083	1.72E+01	1.59E+01	1.09E+01	1.01E+01	8.99E+00	8.31E+00	6.34E+00	5.55E+00
Receptor_447	373641	3757183	1.22E+01	1.21E+01	7.98E+00	7.74E+00	7.13E+00	6.28E+00	5.17E+00	4.34E+00
Receptor_448	373641	3757283	1.14E+01	1.06E+01	7.67E+00	7.01E+00	6.39E+00	5.62E+00	4.71E+00	4.22E+00
Receptor_449	373641	3757383	1.09E+01	9.89E+00	7.35E+00	6.76E+00	5.75E+00	5.54E+00	4.32E+00	4.17E+00
Receptor_450	373641	3757483	3.82E+01	3.73E+01	2.38E+01	2.35E+01	1.94E+01	1.92E+01	1.28E+01	1.26E+01
Receptor_451	373641	3757583	3.20E+01	3.03E+01	2.02E+01	1.91E+01	1.62E+01	1.56E+01	1.04E+01	1.02E+01
Receptor_452	373641	3757683	2.64E+01	2.56E+01	1.66E+01	1.62E+01	1.32E+01	1.26E+01	8.45E+00	8.31E+00
Receptor_453	373641	3757783	3.56E+01	3.52E+01	2.22E+01	2.21E+01	1.48E+01	1.36E+01	9.60E+00	8.64E+00
Receptor_454	373641	3757883	4.12E+01	3.74E+01	2.58E+01	2.31E+01	1.37E+01	1.17E+01	8.88E+00	7.69E+00
Receptor_455	373641	3757983	3.34E+01	3.27E+01	2.11E+01	2.07E+01	1.18E+01	1.16E+01	8.10E+00	7.63E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_456	373687.89	3757980.08	3.18E+01	2.67E+01	2.00E+01	1.70E+01	1.12E+01	1.01E+01	7.72E+00	6.68E+00
Receptor_457	373900	3753500	2.54E+01	2.09E+01	1.62E+01	1.34E+01	9.70E+00	9.59E+00	6.78E+00	6.40E+00
Receptor_458	373900	3754500	2.56E+01	2.34E+01	1.65E+01	1.51E+01	1.22E+01	1.19E+01	8.29E+00	8.00E+00
Receptor_459	373900	3755500	1.46E+01	1.35E+01	9.51E+00	8.96E+00	7.29E+00	7.03E+00	5.34E+00	4.80E+00
Receptor_460	373900	3756500	1.28E+01	1.17E+01	8.34E+00	7.96E+00	6.56E+00	5.82E+00	4.85E+00	4.13E+00
Receptor_461	373900	3757500	1.12E+01	1.04E+01	7.35E+00	7.17E+00	6.11E+00	5.12E+00	4.56E+00	3.72E+00
Receptor_462	373900	3758500	1.56E+01	1.54E+01	1.03E+01	9.74E+00	7.21E+00	7.19E+00	5.31E+00	5.25E+00
Receptor_463	373900	3760500	2.14E+01	2.11E+01	1.33E+01	1.30E+01	1.03E+01	9.42E+00	6.66E+00	6.66E+00
Receptor_464	373900	3761500	3.35E+01	3.08E+01	2.09E+01	1.91E+01	1.45E+01	1.38E+01	9.25E+00	8.94E+00
Receptor_465	373900	3764500	6.08E+01	4.89E+01	3.76E+01	3.01E+01	2.38E+01	2.20E+01	1.50E+01	1.43E+01
Receptor_466	374900	3754500	3.81E+01	3.13E+01	2.36E+01	1.96E+01	1.54E+01	1.51E+01	9.96E+00	9.90E+00
Receptor_467	374900	3755500	6.53E+01	6.22E+01	4.05E+01	3.86E+01	3.22E+01	3.00E+01	2.02E+01	1.90E+01
Receptor_468	374900	3756500	4.77E+01	4.58E+01	3.04E+01	2.93E+01	2.75E+01	2.59E+01	1.78E+01	1.67E+01
Receptor_469	374900	3757500	3.95E+01	3.79E+01	2.49E+01	2.41E+01	2.11E+01	2.09E+01	1.39E+01	1.36E+01
Receptor_470	374900	3759500	3.05E+01	2.97E+01	1.94E+01	1.93E+01	1.59E+01	1.50E+01	1.07E+01	1.03E+01
Receptor_471	374900	3760500	2.74E+01	2.70E+01	1.80E+01	1.76E+01	1.30E+01	1.25E+01	9.06E+00	8.63E+00
Receptor_472	374900	3761500	3.38E+01	3.34E+01	2.18E+01	2.15E+01	1.41E+01	1.21E+01	9.59E+00	8.42E+00
Receptor_473	374900	3762500	3.45E+01	3.31E+01	2.16E+01	2.09E+01	1.27E+01	1.15E+01	8.63E+00	7.51E+00
Receptor_474	374900	3763500	2.81E+01	2.76E+01	1.76E+01	1.73E+01	1.01E+01	1.01E+01	7.00E+00	6.66E+00
Receptor_475	374900	3764500	2.52E+01	2.49E+01	1.58E+01	1.56E+01	9.97E+00	9.40E+00	6.71E+00	6.61E+00
Receptor_476	375900	3753500	2.49E+01	2.37E+01	1.59E+01	1.51E+01	9.44E+00	8.89E+00	6.36E+00	6.21E+00
Receptor_477	375900	3755500	1.94E+01	1.81E+01	1.24E+01	1.17E+01	8.25E+00	8.01E+00	5.96E+00	5.46E+00
Receptor_478	375900	3756500	2.22E+01	2.08E+01	1.42E+01	1.35E+01	1.06E+01	9.74E+00	7.48E+00	6.61E+00
Receptor_479	375900	3760500	1.58E+01	1.43E+01	1.01E+01	9.20E+00	7.27E+00	7.07E+00	5.32E+00	4.82E+00
Receptor_480	375900	3761500	1.27E+01	1.26E+01	8.15E+00	8.10E+00	6.12E+00	6.02E+00	4.55E+00	4.24E+00
Receptor_481	375900	3762500	1.17E+01	1.13E+01	7.69E+00	7.55E+00	5.62E+00	5.38E+00	4.15E+00	4.07E+00
Receptor_482	375900	3763500	1.39E+01	1.28E+01	8.85E+00	8.79E+00	6.81E+00	6.26E+00	5.08E+00	4.72E+00
Receptor_483	375900	3764500	1.88E+01	1.72E+01	1.19E+01	1.08E+01	9.01E+00	8.56E+00	6.16E+00	6.00E+00
Receptor_484	376084.62	3761776.42	2.55E+01	2.16E+01	1.60E+01	1.33E+01	1.11E+01	1.02E+01	7.20E+00	7.13E+00
Receptor_485	376900	3755500	3.59E+01	2.69E+01	2.17E+01	1.69E+01	1.13E+01	1.06E+01	7.13E+00	7.02E+00
Receptor_486	376900	3756500	2.87E+01	2.79E+01	1.80E+01	1.75E+01	1.20E+01	1.14E+01	8.11E+00	7.46E+00
Receptor_487	376900	3758500	7.55E+01	6.66E+01	4.63E+01	4.10E+01	2.42E+01	2.25E+01	1.53E+01	1.43E+01
Receptor_488	376900	3759500	3.07E+01	2.83E+01	1.99E+01	1.78E+01	1.58E+01	1.57E+01	1.04E+01	1.03E+01
Receptor_489	376900	3760500	2.86E+01	2.82E+01	1.80E+01	1.78E+01	1.45E+01	1.40E+01	9.37E+00	9.37E+00
Receptor_490	376900	3761500	2.54E+01	2.41E+01	1.66E+01	1.59E+01	1.19E+01	1.17E+01	8.16E+00	8.02E+00
Receptor_491	376900	3762500	3.30E+01	3.25E+01	2.13E+01	2.07E+01	1.22E+01	1.17E+01	8.12E+00	8.07E+00
Receptor_492	376900	3764500	3.38E+01	3.12E+01	2.16E+01	2.05E+01	1.33E+01	1.23E+01	8.70E+00	8.27E+00
Receptor_493	377900	3753500	3.00E+01	2.95E+01	1.96E+01	1.91E+01	1.14E+01	1.00E+01	7.98E+00	6.51E+00
Receptor_494	377900	3754500	3.13E+01	2.77E+01	1.98E+01	1.77E+01	1.04E+01	8.75E+00	7.33E+00	6.11E+00
Receptor_495	377900	3755500	2.52E+01	2.32E+01	1.61E+01	1.47E+01	9.58E+00	8.55E+00	6.76E+00	6.14E+00
Receptor_496	377900	3756500	2.09E+01	2.03E+01	1.38E+01	1.31E+01	9.45E+00	7.77E+00	6.64E+00	5.64E+00
Receptor_497	377900	3757500	1.75E+01	1.72E+01	1.14E+01	1.11E+01	8.40E+00	7.57E+00	5.98E+00	5.50E+00
Receptor_498	377900	3759500	2.03E+01	1.86E+01	1.28E+01	1.20E+01	9.87E+00	9.40E+00	6.93E+00	6.74E+00
Receptor_499	377900	3760500	1.41E+01	1.37E+01	8.84E+00	8.68E+00	6.69E+00	6.59E+00	4.98E+00	4.84E+00
Receptor_500	377900	3761500	1.28E+01	1.25E+01	8.02E+00	7.87E+00	6.32E+00	5.79E+00	4.73E+00	4.37E+00
Receptor_501	377900	3762500	1.15E+01	1.13E+01	7.47E+00	7.07E+00	6.01E+00	5.29E+00	4.52E+00	4.06E+00
Receptor_502	377900	3763500	1.03E+01	9.96E+00	7.01E+00	6.87E+00	5.84E+00	5.36E+00	4.50E+00	4.18E+00
Receptor_503	377900	3764500	1.47E+01	1.31E+01	9.42E+00	8.27E+00	6.43E+00	6.12E+00	4.67E+00	4.46E+00
Receptor_504	378528.59	3764156.44	1.98E+01	1.71E+01	1.25E+01	1.05E+01	8.02E+00	7.35E+00	5.43E+00	5.39E+00
Receptor_505	378900	3753500	1.87E+01	1.66E+01	1.15E+01	1.02E+01	8.64E+00	8.43E+00	6.10E+00	5.81E+00
Receptor_506	378900	3755500	1.88E+01	1.39E+01	1.17E+01	8.99E+00	7.28E+00	7.06E+00	5.20E+00	5.17E+00
Receptor_507	378900	3756500	1.72E+01	1.71E+01	1.10E+01	1.07E+01	8.69E+00	8.24E+00	6.06E+00	5.81E+00
Receptor_508	378900	3757500	3.90E+01	3.73E+01	2.43E+01	2.33E+01	1.45E+01	1.39E+01	9.42E+00	9.20E+00
Receptor_509	378900	3758500	3.80E+01	3.64E+01	2.33E+01	2.24E+01	2.30E+01	2.19E+01	1.47E+01	1.39E+01
Receptor_510	378900	3759500	2.56E+01	2.45E+01	1.63E+01	1.58E+01	1.28E+01	1.27E+01	8.49E+00	8.48E+00
Receptor_511	378900	3760500	2.63E+01	2.12E+01	1.69E+01	1.36E+01	1.24E+01	1.16E+01	8.00E+00	7.61E+00
Receptor_512	378900	3762500	2.90E+01	2.42E+01	1.88E+01	1.58E+01	1.17E+01	1.12E+01	7.73E+00	7.52E+00
Receptor_513	378900	3763500	2.96E+01	2.70E+01	1.88E+01	1.77E+01	9.66E+00	9.24E+00	6.80E+00	6.01E+00
Receptor_514	378900	3764500	2.97E+01	2.94E+01	1.92E+01	1.88E+01	1.07E+01	1.01E+01	6.90E+00	6.81E+00
Receptor_515	378902.85	3757271.45	2.27E+01	2.24E+01	1.46E+01	1.44E+01	9.09E+00	9.03E+00	6.51E+00	6.43E+00
Receptor_516	379900	3754500	2.04E+01	1.99E+01	1.36E+01	1.32E+01	9.05E+00	8.55E+00	6.56E+00	6.07E+00
Receptor_517	379900	3755500	1.84E+01	1.75E+01	1.23E+01	1.17E+01	8.86E+00	7.59E+00	6.41E+00	5.58E+00
Receptor_518	379900	3756500	1.77E+01	1.68E+01	1.15E+01	1.13E+01	8.62E+00	7.93E+00	6.24E+00	5.78E+00
Receptor_519	379900	3757500	2.21E+01	2.16E+01	1.44E+01	1.40E+01	1.11E+01	1.09E+01	7.87E+00	7.73E+00
Receptor_520	379900	3759500	1.70E+01	1.56E+01	1.15E+01	9.92E+00	7.46E+00	6.89E+00	5.43E+00	5.11E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_521	379900	3760500	1.55E+01	1.41E+01	1.04E+01	9.14E+00	6.59E+00	6.18E+00	4.84E+00	4.64E+00
Receptor_522	379900	3761500	1.39E+01	1.32E+01	8.87E+00	8.78E+00	5.96E+00	5.82E+00	4.43E+00	4.40E+00
Receptor_523	379900	3762500	9.72E+00	8.80E+00	6.42E+00	6.21E+00	5.61E+00	5.16E+00	4.37E+00	4.07E+00
Receptor_524	379900	3763500	1.57E+01	1.38E+01	1.01E+01	8.75E+00	7.95E+00	7.14E+00	5.39E+00	5.32E+00
Receptor_525	379900	3764500	2.26E+01	1.92E+01	1.42E+01	1.18E+01	1.04E+01	1.00E+01	7.13E+00	6.93E+00
Receptor_526	380900	3753500	1.74E+01	1.72E+01	1.07E+01	1.06E+01	7.64E+00	7.39E+00	5.44E+00	5.20E+00
Receptor_527	380900	3754500	1.75E+01	1.25E+01	1.08E+01	7.81E+00	6.22E+00	6.14E+00	4.68E+00	4.63E+00
Receptor_528	380900	3755500	1.42E+01	1.36E+01	8.88E+00	8.84E+00	6.94E+00	6.67E+00	5.03E+00	4.99E+00
Receptor_529	380900	3756500	1.64E+01	1.55E+01	1.02E+01	9.60E+00	8.65E+00	8.58E+00	6.18E+00	6.09E+00
Receptor_530	380900	3757500	7.67E+01	7.49E+01	4.82E+01	4.66E+01	2.72E+01	2.47E+01	1.73E+01	1.61E+01
Receptor_531	380900	3758500	2.15E+01	2.07E+01	1.32E+01	1.31E+01	9.53E+00	9.16E+00	6.47E+00	6.28E+00
Receptor_532	380900	3759500	2.97E+01	2.50E+01	1.88E+01	1.61E+01	9.52E+00	9.44E+00	6.29E+00	6.29E+00
Receptor_533	380900	3760500	4.69E+01	3.01E+01	2.98E+01	1.91E+01	1.31E+01	1.23E+01	8.56E+00	7.88E+00
Receptor_534	380900	3761500	2.21E+01	2.15E+01	1.39E+01	1.38E+01	8.06E+00	7.91E+00	5.80E+00	5.25E+00
Receptor_535	380900	3762500	1.93E+01	1.81E+01	1.26E+01	1.15E+01	9.24E+00	8.28E+00	5.99E+00	5.88E+00
Receptor_536	380900	3763500	2.74E+01	1.72E+01	1.80E+01	1.11E+01	9.09E+00	7.88E+00	6.45E+00	5.19E+00
Receptor_537	381900	3754500	1.65E+01	1.53E+01	1.05E+01	1.02E+01	6.92E+00	6.27E+00	5.06E+00	4.45E+00
Receptor_538	381900	3755500	1.76E+01	1.61E+01	1.12E+01	1.03E+01	6.67E+00	6.66E+00	4.90E+00	4.82E+00
Receptor_539	381900	3756500	1.73E+01	1.72E+01	1.10E+01	1.10E+01	7.10E+00	6.82E+00	5.12E+00	5.01E+00
Receptor_540	381900	3757500	1.77E+01	1.69E+01	1.18E+01	1.12E+01	7.60E+00	7.45E+00	5.51E+00	5.43E+00
Receptor_541	381900	3759500	2.35E+01	2.34E+01	1.55E+01	1.55E+01	1.16E+01	1.06E+01	8.16E+00	7.35E+00
Receptor_542	381900	3760500	1.72E+01	1.68E+01	1.15E+01	1.13E+01	7.85E+00	6.53E+00	5.74E+00	4.87E+00
Receptor_543	381900	3761500	1.65E+01	1.51E+01	1.07E+01	1.01E+01	6.70E+00	5.70E+00	4.99E+00	4.33E+00
Receptor_544	381900	3762500	1.54E+01	1.44E+01	9.99E+00	9.29E+00	5.84E+00	5.60E+00	4.43E+00	4.26E+00
Receptor_545	381900	3763500	1.29E+01	1.06E+01	8.36E+00	6.76E+00	5.82E+00	5.29E+00	4.16E+00	4.04E+00
Receptor_546	381900	3764500	1.40E+01	1.21E+01	8.97E+00	7.49E+00	5.70E+00	5.34E+00	4.19E+00	4.04E+00
Receptor_547	382900	3753500	2.10E+01	2.00E+01	1.22E+01	1.22E+01	7.79E+00	7.59E+00	5.51E+00	5.27E+00
Receptor_548	382900	3754500	1.40E+01	1.13E+01	8.62E+00	7.04E+00	5.47E+00	5.39E+00	4.24E+00	4.16E+00
Receptor_549	382900	3755500	1.35E+01	9.80E+00	8.43E+00	6.34E+00	5.88E+00	5.76E+00	4.47E+00	4.37E+00
Receptor_550	382900	3756500	1.34E+01	1.32E+01	8.79E+00	8.17E+00	6.93E+00	6.74E+00	5.10E+00	5.03E+00
Receptor_551	382900	3757500	1.95E+01	1.74E+01	1.26E+01	1.09E+01	1.04E+01	1.03E+01	7.20E+00	7.04E+00
Receptor_552	382900	3758500	2.18E+01	2.17E+01	1.39E+01	1.34E+01	9.31E+00	9.27E+00	6.57E+00	6.46E+00
Receptor_553	382900	3759500	2.25E+01	2.19E+01	1.41E+01	1.36E+01	7.03E+00	6.97E+00	4.99E+00	4.88E+00
Receptor_554	382900	3760500	2.03E+01	1.80E+01	1.29E+01	1.12E+01	6.75E+00	6.24E+00	4.70E+00	4.61E+00
Receptor_555	382900	3761500	2.29E+01	1.99E+01	1.43E+01	1.27E+01	8.76E+00	8.27E+00	5.64E+00	5.54E+00
Receptor_556	382900	3762500	3.46E+01	2.06E+01	2.20E+01	1.32E+01	8.10E+00	6.80E+00	5.38E+00	4.60E+00
Receptor_557	382900	3763500	2.26E+01	2.06E+01	1.45E+01	1.28E+01	8.10E+00	7.67E+00	5.54E+00	5.33E+00
Receptor_558	382900	3764500	1.63E+01	1.57E+01	1.04E+01	1.03E+01	7.99E+00	6.86E+00	5.27E+00	5.06E+00
Receptor_559	383900	3753500	1.36E+01	1.26E+01	9.35E+00	8.47E+00	6.29E+00	5.89E+00	4.69E+00	4.21E+00
Receptor_560	383900	3754500	1.47E+01	1.27E+01	9.89E+00	8.26E+00	6.52E+00	5.33E+00	4.80E+00	4.13E+00
Receptor_561	383900	3755500	1.59E+01	1.55E+01	1.01E+01	1.01E+01	6.75E+00	5.84E+00	4.96E+00	4.47E+00
Receptor_562	383900	3756500	1.75E+01	1.66E+01	1.13E+01	1.10E+01	6.58E+00	6.26E+00	5.04E+00	4.66E+00
Receptor_563	383900	3757500	2.42E+01	2.33E+01	1.54E+01	1.48E+01	1.09E+01	1.06E+01	7.56E+00	7.46E+00
Receptor_564	383900	3762500	1.69E+01	1.63E+01	1.13E+01	1.08E+01	6.93E+00	6.88E+00	4.97E+00	4.93E+00
Receptor_565	383900	3763500	1.78E+01	1.68E+01	1.18E+01	1.13E+01	6.49E+00	6.32E+00	4.88E+00	4.42E+00
Receptor_566	383900	3764500	1.62E+01	1.50E+01	1.09E+01	9.74E+00	6.53E+00	5.39E+00	4.88E+00	3.82E+00
Receptor_567	384900	3753500	1.43E+01	1.14E+01	9.15E+00	7.70E+00	7.01E+00	6.31E+00	5.12E+00	4.50E+00
Receptor_568	384900	3754500	1.21E+01	1.19E+01	7.44E+00	7.34E+00	4.92E+00	4.80E+00	3.86E+00	3.77E+00
Receptor_569	384900	3755500	1.18E+01	1.07E+01	7.33E+00	6.66E+00	4.98E+00	4.86E+00	3.98E+00	3.87E+00
Receptor_570	384900	3756500	1.29E+01	8.88E+00	8.01E+00	5.57E+00	5.02E+00	4.99E+00	4.00E+00	3.91E+00
Receptor_571	384900	3757500	1.12E+01	9.82E+00	7.00E+00	6.65E+00	5.95E+00	5.92E+00	4.58E+00	4.38E+00
Receptor_572	384900	3758500	1.54E+01	1.26E+01	1.00E+01	8.29E+00	7.30E+00	7.28E+00	5.39E+00	5.30E+00
Receptor_573	384900	3759500	2.32E+01	2.30E+01	1.49E+01	1.44E+01	1.12E+01	1.06E+01	7.77E+00	7.38E+00
Receptor_574	384900	3760500	1.71E+01	1.69E+01	1.10E+01	1.05E+01	7.08E+00	6.89E+00	5.11E+00	5.08E+00
Receptor_575	384900	3761500	1.40E+01	1.34E+01	8.71E+00	8.30E+00	6.64E+00	6.44E+00	4.93E+00	4.75E+00
Receptor_576	384900	3762500	1.61E+01	1.47E+01	1.01E+01	9.70E+00	5.61E+00	5.57E+00	4.19E+00	4.09E+00
Receptor_577	384900	3763500	1.88E+01	1.81E+01	1.20E+01	1.16E+01	5.98E+00	5.78E+00	4.27E+00	4.01E+00
Receptor_578	384900	3764500	1.52E+01	1.40E+01	9.66E+00	8.90E+00	6.10E+00	5.88E+00	4.40E+00	4.38E+00
Receptor_579	366900	3760500	3.05E+01	2.27E+01	1.95E+01	1.45E+01	1.12E+01	1.03E+01	7.78E+00	6.97E+00
Receptor_580	366900	3761500	1.28E+01	1.05E+01	8.42E+00	6.83E+00	6.20E+00	5.97E+00	4.52E+00	4.51E+00
Receptor_581	367900	3753500	1.07E+01	1.01E+01	7.00E+00	6.68E+00	5.48E+00	5.45E+00	4.18E+00	4.13E+00
Receptor_582	367900	3754500	1.23E+01	1.22E+01	8.48E+00	8.19E+00	5.87E+00	5.48E+00	4.42E+00	3.98E+00
Receptor_583	367900	3760500	1.76E+01	1.15E+01	1.17E+01	7.53E+00	6.69E+00	5.15E+00	4.93E+00	4.02E+00
Receptor_584	367900	3763500	1.69E+01	1.48E+01	1.08E+01	9.59E+00	6.50E+00	5.42E+00	4.81E+00	4.15E+00
Receptor_585	368900	3753500	2.41E+01	2.13E+01	1.57E+01	1.38E+01	9.72E+00	8.89E+00	6.93E+00	6.50E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_586	368900	3758500	1.70E+01	1.70E+01	1.09E+01	1.08E+01	6.05E+00	5.87E+00	4.54E+00	4.14E+00
Receptor_587	368900	3760500	1.69E+01	1.59E+01	1.08E+01	1.01E+01	5.90E+00	5.42E+00	4.06E+00	4.04E+00
Receptor_588	369079.58	3758184.29	1.40E+01	1.37E+01	9.50E+00	8.93E+00	5.82E+00	5.46E+00	4.07E+00	3.97E+00
Receptor_589	369900	3753500	1.32E+01	1.18E+01	8.16E+00	7.61E+00	4.55E+00	4.46E+00	3.67E+00	3.27E+00
Receptor_590	369900	3760500	1.22E+01	1.14E+01	7.55E+00	7.52E+00	4.70E+00	4.46E+00	3.82E+00	3.41E+00
Receptor_591	369900	3763500	1.19E+01	8.98E+00	7.41E+00	5.89E+00	4.94E+00	4.57E+00	3.98E+00	3.64E+00
Receptor_592	370313.67	3758254.27	1.37E+01	1.22E+01	8.56E+00	8.10E+00	5.83E+00	5.41E+00	4.53E+00	4.04E+00
Receptor_593	370834.03	3758177.01	1.41E+01	1.13E+01	9.27E+00	7.18E+00	6.58E+00	6.21E+00	4.99E+00	4.53E+00
Receptor_594	370900	3753500	4.62E+01	4.55E+01	2.89E+01	2.85E+01	2.00E+01	2.00E+01	1.30E+01	1.30E+01
Receptor_595	370900	3754500	1.66E+01	1.55E+01	1.04E+01	1.01E+01	7.08E+00	6.77E+00	5.11E+00	5.00E+00
Receptor_596	370900	3755500	1.63E+01	1.55E+01	1.06E+01	9.82E+00	6.25E+00	6.04E+00	4.61E+00	4.56E+00
Receptor_597	370900	3758500	1.26E+01	1.13E+01	7.81E+00	7.12E+00	5.71E+00	5.64E+00	4.36E+00	4.26E+00
Receptor_598	370900	3761500	2.24E+01	2.14E+01	1.41E+01	1.33E+01	6.55E+00	6.38E+00	4.83E+00	4.49E+00
Receptor_599	370933.96	3757895.9	1.21E+01	1.18E+01	8.27E+00	7.52E+00	4.87E+00	4.35E+00	3.82E+00	3.17E+00
Receptor_600	371041	3757083	3.24E+01	2.59E+01	2.01E+01	1.62E+01	1.22E+01	1.03E+01	7.71E+00	7.02E+00
Receptor_601	371041	3757183	1.20E+01	1.17E+01	7.61E+00	7.45E+00	5.48E+00	5.39E+00	4.16E+00	4.16E+00
Receptor_602	371041	3757283	1.21E+01	1.06E+01	7.81E+00	7.06E+00	6.24E+00	6.08E+00	4.70E+00	4.66E+00
Receptor_603	371141	3757083	9.70E+00	8.86E+00	6.36E+00	5.82E+00	5.33E+00	5.17E+00	4.13E+00	3.97E+00
Receptor_604	371141	3757183	1.25E+01	1.09E+01	8.05E+00	7.29E+00	6.29E+00	6.07E+00	4.67E+00	4.32E+00
Receptor_605	371141	3757283	1.24E+01	1.12E+01	8.34E+00	7.77E+00	5.99E+00	5.35E+00	4.49E+00	3.84E+00
Receptor_606	371150	3757970.99	1.86E+01	1.18E+01	1.24E+01	7.93E+00	7.21E+00	5.50E+00	5.25E+00	4.18E+00
Receptor_607	371241	3757083	2.06E+01	1.91E+01	1.37E+01	1.24E+01	9.86E+00	8.72E+00	6.98E+00	6.32E+00
Receptor_608	371241	3757183	1.80E+01	1.63E+01	1.16E+01	1.07E+01	6.35E+00	5.55E+00	4.75E+00	4.18E+00
Receptor_609	371341	3757083	1.83E+01	1.66E+01	1.18E+01	1.06E+01	5.93E+00	5.33E+00	4.08E+00	3.89E+00
Receptor_610	371341	3757183	1.52E+01	1.42E+01	9.71E+00	9.04E+00	5.12E+00	4.81E+00	3.74E+00	3.48E+00
Receptor_611	371441	3757083	1.33E+01	1.32E+01	8.60E+00	8.04E+00	4.21E+00	3.99E+00	3.53E+00	3.28E+00
Receptor_612	371441	3757183	1.46E+01	1.14E+01	9.02E+00	7.58E+00	4.85E+00	4.56E+00	3.75E+00	3.60E+00
Receptor_613	371539.56	3757095.63	1.59E+01	1.26E+01	9.93E+00	7.88E+00	5.25E+00	5.08E+00	4.08E+00	3.86E+00
Receptor_614	371540.36	3757178.31	1.20E+01	1.14E+01	7.97E+00	7.10E+00	5.34E+00	5.23E+00	4.24E+00	4.03E+00
Receptor_615	371614.33	3757093.32	2.22E+01	1.78E+01	1.42E+01	1.11E+01	8.36E+00	8.06E+00	5.70E+00	5.65E+00
Receptor_616	371615.15	3757177.59	1.97E+01	1.95E+01	1.28E+01	1.23E+01	8.11E+00	7.88E+00	5.66E+00	5.49E+00
Receptor_617	371641	3757083	1.49E+01	1.40E+01	9.37E+00	8.77E+00	6.39E+00	5.80E+00	4.67E+00	4.39E+00
Receptor_618	371641	3757183	1.50E+01	1.40E+01	9.79E+00	9.20E+00	5.76E+00	5.50E+00	4.31E+00	4.05E+00
Receptor_619	371741	3757083	1.15E+01	9.00E+00	7.18E+00	6.00E+00	4.85E+00	4.84E+00	3.82E+00	3.76E+00
Receptor_620	371741	3757183	1.01E+01	9.91E+00	6.57E+00	6.56E+00	5.36E+00	5.19E+00	4.11E+00	4.06E+00
Receptor_621	371741	3757283	1.15E+01	1.09E+01	7.63E+00	7.29E+00	5.71E+00	5.52E+00	4.34E+00	4.27E+00
Receptor_622	371841	3757083	1.94E+01	1.88E+01	1.24E+01	1.19E+01	1.04E+01	1.02E+01	7.25E+00	7.10E+00
Receptor_623	371841	3757183	1.13E+01	1.10E+01	7.46E+00	6.95E+00	5.14E+00	5.07E+00	3.96E+00	3.95E+00
Receptor_624	371841	3757283	1.11E+01	1.07E+01	7.17E+00	6.96E+00	5.84E+00	5.83E+00	4.50E+00	4.43E+00
Receptor_625	371900	3753500	1.06E+01	9.32E+00	6.77E+00	6.18E+00	4.86E+00	4.60E+00	3.78E+00	3.67E+00
Receptor_626	371900	3754500	1.39E+01	9.70E+00	8.97E+00	6.60E+00	5.27E+00	5.18E+00	4.02E+00	3.55E+00
Receptor_627	371900	3760500	1.17E+01	1.12E+01	7.54E+00	7.53E+00	5.20E+00	5.10E+00	3.99E+00	3.56E+00
Receptor_628	371900	3761500	1.17E+01	1.02E+01	7.92E+00	6.83E+00	5.50E+00	5.03E+00	4.17E+00	3.72E+00
Receptor_629	371900	3764500	1.92E+01	1.66E+01	1.27E+01	1.11E+01	8.26E+00	6.89E+00	5.91E+00	5.00E+00
Receptor_630	371941	3757083	1.71E+01	1.23E+01	1.15E+01	8.05E+00	6.85E+00	5.50E+00	5.05E+00	4.12E+00
Receptor_631	371941	3757183	1.52E+01	1.40E+01	9.70E+00	9.12E+00	5.66E+00	4.59E+00	4.28E+00	3.60E+00
Receptor_632	371941	3757283	1.55E+01	1.41E+01	1.01E+01	8.97E+00	5.00E+00	4.78E+00	3.87E+00	3.41E+00
Receptor_633	371941	3757383	1.08E+01	1.06E+01	6.77E+00	6.75E+00	3.97E+00	3.96E+00	3.37E+00	3.10E+00
Receptor_634	372041	3757083	1.56E+01	1.09E+01	9.65E+00	7.31E+00	4.46E+00	4.26E+00	3.57E+00	3.38E+00
Receptor_635	372041	3757183	1.28E+01	1.12E+01	8.00E+00	7.24E+00	5.08E+00	4.83E+00	3.93E+00	3.78E+00
Receptor_636	372041	3757283	1.46E+01	1.46E+01	9.67E+00	9.66E+00	7.34E+00	6.69E+00	5.21E+00	4.88E+00
Receptor_637	372041	3757383	3.99E+01	3.23E+01	2.51E+01	2.00E+01	1.30E+01	1.10E+01	8.78E+00	7.69E+00
Receptor_638	372041	3757783	1.78E+01	1.76E+01	1.11E+01	1.10E+01	6.15E+00	5.54E+00	4.55E+00	4.13E+00
Receptor_639	372041	3757883	2.06E+01	1.43E+01	1.30E+01	9.43E+00	5.79E+00	5.01E+00	4.31E+00	3.61E+00
Receptor_640	372041	3757983	1.48E+01	1.37E+01	9.64E+00	9.02E+00	5.17E+00	4.60E+00	3.94E+00	3.46E+00
Receptor_641	372141	3757083	1.07E+01	8.51E+00	6.71E+00	5.78E+00	4.52E+00	4.47E+00	3.57E+00	3.52E+00
Receptor_642	372141	3757183	9.23E+00	9.16E+00	6.06E+00	5.91E+00	4.78E+00	4.65E+00	3.78E+00	3.74E+00
Receptor_643	372141	3757283	1.06E+01	1.03E+01	7.11E+00	6.91E+00	5.01E+00	4.89E+00	3.91E+00	3.89E+00
Receptor_644	372141	3757783	1.06E+01	1.02E+01	7.05E+00	6.66E+00	5.66E+00	5.37E+00	4.10E+00	4.08E+00
Receptor_645	372141	3757883	1.08E+01	9.61E+00	7.12E+00	6.22E+00	5.14E+00	5.12E+00	4.02E+00	3.95E+00
Receptor_646	372141	3757983	1.14E+01	1.07E+01	7.36E+00	7.23E+00	5.55E+00	5.53E+00	4.33E+00	4.25E+00
Receptor_647	372241	3757083	1.68E+01	1.42E+01	1.07E+01	9.01E+00	4.54E+00	4.35E+00	3.61E+00	3.45E+00
Receptor_648	372241	3757183	1.41E+01	1.30E+01	8.85E+00	8.44E+00	5.08E+00	4.95E+00	3.94E+00	3.37E+00
Receptor_649	372241	3757283	1.47E+01	1.12E+01	9.48E+00	7.52E+00	5.33E+00	5.02E+00	4.05E+00	3.40E+00
Receptor_650	372241	3757483	1.15E+01	1.12E+01	7.70E+00	7.23E+00	4.92E+00	4.60E+00	3.80E+00	3.33E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_651	372241	3757583	1.24E+01	1.09E+01	8.42E+00	7.44E+00	5.47E+00	5.00E+00	4.16E+00	3.62E+00
Receptor_652	372241	3757683	1.43E+01	1.34E+01	9.69E+00	8.94E+00	6.51E+00	5.77E+00	4.81E+00	3.98E+00
Receptor_653	372241	3757783	1.74E+01	1.07E+01	1.16E+01	7.01E+00	5.97E+00	4.37E+00	4.48E+00	3.47E+00
Receptor_654	372341	3757083	1.29E+01	1.22E+01	8.78E+00	7.98E+00	5.17E+00	4.03E+00	3.97E+00	3.26E+00
Receptor_655	372341	3757183	1.48E+01	1.05E+01	9.10E+00	7.07E+00	4.36E+00	3.95E+00	3.37E+00	3.30E+00
Receptor_656	372341	3757283	1.32E+01	1.21E+01	8.31E+00	7.49E+00	4.51E+00	3.89E+00	3.41E+00	3.30E+00
Receptor_657	372341	3757383	1.17E+01	1.05E+01	7.21E+00	7.03E+00	4.92E+00	4.28E+00	3.67E+00	3.37E+00
Receptor_658	372341	3757483	3.37E+01	3.14E+01	2.09E+01	1.98E+01	7.84E+00	6.71E+00	5.03E+00	4.69E+00
Receptor_659	372341	3757583	1.74E+01	1.72E+01	1.12E+01	1.10E+01	5.96E+00	5.23E+00	4.43E+00	3.88E+00
Receptor_660	372341	3757683	1.61E+01	1.46E+01	1.00E+01	9.51E+00	5.36E+00	4.45E+00	4.04E+00	3.17E+00
Receptor_661	372341	3757783	2.21E+01	1.33E+01	1.38E+01	8.78E+00	5.08E+00	4.46E+00	3.88E+00	3.17E+00
Receptor_662	372441	3757083	1.98E+01	1.94E+01	1.27E+01	1.24E+01	5.11E+00	4.74E+00	3.90E+00	3.43E+00
Receptor_663	372441	3757183	1.00E+01	9.07E+00	6.29E+00	6.01E+00	4.20E+00	3.73E+00	3.33E+00	3.12E+00
Receptor_664	372441	3757283	8.34E+00	8.16E+00	5.53E+00	5.40E+00	4.12E+00	3.82E+00	3.29E+00	3.21E+00
Receptor_665	372441	3757383	1.01E+01	8.74E+00	6.82E+00	5.96E+00	4.08E+00	3.86E+00	3.23E+00	3.21E+00
Receptor_666	372441	3757483	9.42E+00	8.92E+00	6.35E+00	6.04E+00	4.06E+00	4.03E+00	3.26E+00	3.19E+00
Receptor_667	372441	3757583	1.23E+01	1.10E+01	7.83E+00	7.31E+00	3.91E+00	3.90E+00	3.20E+00	3.14E+00
Receptor_668	372441	3757683	1.21E+01	1.19E+01	7.70E+00	7.68E+00	4.07E+00	3.92E+00	3.20E+00	3.19E+00
Receptor_669	372441	3757783	1.24E+01	1.18E+01	7.80E+00	7.49E+00	3.96E+00	3.92E+00	3.26E+00	3.19E+00
Receptor_670	372441	3757883	1.61E+01	1.33E+01	1.02E+01	8.47E+00	3.94E+00	3.86E+00	3.19E+00	3.12E+00
Receptor_671	372441	3757983	1.22E+01	1.20E+01	7.95E+00	7.57E+00	4.66E+00	4.36E+00	3.65E+00	3.00E+00
Receptor_672	372541	3757083	1.38E+01	1.08E+01	8.93E+00	7.26E+00	4.91E+00	4.18E+00	3.79E+00	2.99E+00
Receptor_673	372541	3757183	1.10E+01	1.03E+01	7.37E+00	7.10E+00	4.61E+00	3.95E+00	3.60E+00	3.02E+00
Receptor_674	372541	3757283	1.00E+01	9.86E+00	6.89E+00	6.31E+00	4.79E+00	4.59E+00	3.60E+00	3.25E+00
Receptor_675	372541	3757383	1.16E+01	1.07E+01	7.84E+00	6.99E+00	4.92E+00	4.50E+00	3.81E+00	3.07E+00
Receptor_676	372541	3757483	1.67E+01	9.69E+00	1.12E+01	6.61E+00	5.48E+00	3.87E+00	4.17E+00	2.94E+00
Receptor_677	372541	3757583	2.74E+01	2.66E+01	1.73E+01	1.68E+01	1.39E+01	1.33E+01	8.86E+00	8.71E+00
Receptor_678	372541	3757683	2.94E+01	2.59E+01	1.85E+01	1.62E+01	9.16E+00	8.41E+00	5.91E+00	5.70E+00
Receptor_679	372541	3757783	2.38E+01	2.34E+01	1.46E+01	1.43E+01	1.00E+01	9.94E+00	6.85E+00	6.69E+00
Receptor_680	372541	3757883	1.52E+01	1.36E+01	9.94E+00	9.01E+00	5.55E+00	5.28E+00	4.18E+00	3.97E+00
Receptor_681	372541	3757983	3.41E+01	3.19E+01	2.15E+01	2.03E+01	1.01E+01	9.52E+00	7.09E+00	6.72E+00
Receptor_682	372641	3757383	5.25E+01	3.92E+01	3.29E+01	2.50E+01	2.14E+01	2.09E+01	1.41E+01	1.36E+01
Receptor_683	372641	3757483	6.32E+01	3.80E+01	3.97E+01	2.36E+01	1.99E+01	1.77E+01	1.31E+01	1.18E+01
Receptor_684	372641	3757583	8.53E+00	8.40E+00	5.39E+00	5.30E+00	4.38E+00	4.24E+00	3.46E+00	3.45E+00
Receptor_685	372641	3757683	1.20E+01	9.48E+00	7.35E+00	6.19E+00	4.22E+00	3.87E+00	3.53E+00	3.22E+00
Receptor_686	372641	3757783	1.24E+01	1.23E+01	8.09E+00	7.44E+00	3.84E+00	3.64E+00	3.30E+00	3.08E+00
Receptor_687	372641	3757883	2.77E+01	2.72E+01	1.74E+01	1.71E+01	1.00E+01	1.00E+01	6.98E+00	6.68E+00
Receptor_688	372641	3757983	9.30E+00	9.04E+00	5.84E+00	5.67E+00	4.59E+00	4.53E+00	3.66E+00	3.62E+00
Receptor_689	372741	3757683	1.25E+01	1.22E+01	8.14E+00	7.75E+00	5.22E+00	4.79E+00	3.76E+00	3.66E+00
Receptor_690	372741	3757783	5.83E+01	5.78E+01	3.61E+01	3.55E+01	3.12E+01	2.99E+01	1.94E+01	1.90E+01
Receptor_691	372741	3757883	1.25E+01	1.13E+01	8.18E+00	7.14E+00	5.42E+00	5.41E+00	4.17E+00	4.12E+00
Receptor_692	372741	3757983	1.39E+01	1.39E+01	9.06E+00	8.64E+00	7.03E+00	6.79E+00	5.11E+00	5.05E+00
Receptor_693	372841	3757783	1.66E+01	1.63E+01	1.07E+01	1.04E+01	7.68E+00	7.57E+00	5.29E+00	5.24E+00
Receptor_694	372841	3757883	2.56E+01	2.18E+01	1.60E+01	1.35E+01	9.96E+00	8.25E+00	6.62E+00	5.71E+00
Receptor_695	372841	3757983	3.77E+01	3.29E+01	2.28E+01	2.02E+01	1.64E+01	1.63E+01	1.07E+01	1.06E+01
Receptor_696	372843.75	3756668.92	2.61E+01	2.47E+01	1.60E+01	1.57E+01	1.33E+01	1.32E+01	8.79E+00	8.73E+00
Receptor_697	372857.79	3756854.91	3.41E+01	3.20E+01	2.09E+01	1.93E+01	1.39E+01	1.29E+01	8.78E+00	8.15E+00
Receptor_698	372900	3758500	4.91E+01	4.35E+01	3.08E+01	2.73E+01	1.44E+01	1.33E+01	9.71E+00	8.66E+00
Receptor_699	372900	3763500	4.90E+01	4.00E+01	3.07E+01	2.51E+01	1.40E+01	1.28E+01	9.45E+00	8.36E+00
Receptor_700	372900	3764500	5.96E+01	5.75E+01	3.77E+01	3.65E+01	3.21E+01	3.03E+01	2.05E+01	1.91E+01
Receptor_701	372941	3757783	3.90E+01	3.86E+01	2.42E+01	2.40E+01	1.62E+01	1.59E+01	1.06E+01	1.03E+01
Receptor_702	372941	3757883	3.41E+01	3.13E+01	2.15E+01	1.97E+01	1.46E+01	1.42E+01	9.70E+00	9.19E+00
Receptor_703	372941	3757983	3.56E+01	3.28E+01	2.26E+01	2.07E+01	1.63E+01	1.56E+01	1.03E+01	1.03E+01
Receptor_704	373035.5	3755453.68	3.40E+01	2.99E+01	2.08E+01	1.88E+01	1.22E+01	1.21E+01	8.20E+00	8.03E+00
Receptor_705	373035.5	3755652.82	2.44E+01	2.36E+01	1.60E+01	1.52E+01	1.06E+01	8.38E+00	7.52E+00	6.06E+00
Receptor_706	373041	3757783	2.86E+01	2.58E+01	1.76E+01	1.58E+01	1.12E+01	1.08E+01	7.42E+00	7.39E+00
Receptor_707	373041	3757883	2.90E+01	2.74E+01	1.93E+01	1.82E+01	1.15E+01	1.15E+01	8.31E+00	7.81E+00
Receptor_708	373041	3757983	2.57E+01	2.56E+01	1.65E+01	1.64E+01	9.06E+00	8.67E+00	5.85E+00	5.84E+00
Receptor_709	373141	3757783	1.60E+01	1.56E+01	9.98E+00	9.85E+00	8.15E+00	7.80E+00	5.74E+00	5.66E+00
Receptor_710	373141	3757883	1.65E+01	1.52E+01	1.06E+01	9.94E+00	6.87E+00	6.11E+00	5.03E+00	4.47E+00
Receptor_711	373141	3757983	1.49E+01	1.16E+01	9.37E+00	7.68E+00	6.64E+00	6.54E+00	4.94E+00	4.91E+00
Receptor_712	373241	3757783	1.41E+01	1.24E+01	8.86E+00	8.13E+00	6.69E+00	6.51E+00	4.94E+00	4.87E+00
Receptor_713	373241	3757883	1.82E+01	1.73E+01	1.15E+01	1.14E+01	9.02E+00	7.52E+00	5.86E+00	5.42E+00
Receptor_714	373241	3757983	1.64E+01	1.57E+01	1.05E+01	9.67E+00	6.69E+00	6.00E+00	4.58E+00	4.56E+00
Receptor_715	373247.31	3756833.85	1.61E+01	1.12E+01	9.96E+00	7.17E+00	5.84E+00	5.83E+00	4.51E+00	4.43E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_716	373250.82	3756654.89	1.42E+01	1.22E+01	9.13E+00	7.70E+00	6.50E+00	5.75E+00	4.46E+00	4.46E+00
Receptor_717	373258.92	3755458.54	1.88E+01	1.85E+01	1.21E+01	1.17E+01	7.70E+00	7.67E+00	5.54E+00	5.04E+00
Receptor_718	373278.35	3755647.97	1.38E+01	1.37E+01	9.04E+00	8.48E+00	7.31E+00	7.19E+00	5.38E+00	5.29E+00
Receptor_719	373341	3757783	1.82E+01	1.73E+01	1.15E+01	1.14E+01	9.02E+00	7.52E+00	5.86E+00	5.42E+00
Receptor_720	373341	3757883	1.39E+01	1.38E+01	9.11E+00	8.62E+00	7.39E+00	7.27E+00	5.45E+00	5.40E+00
Receptor_721	373341	3757983	1.48E+01	1.35E+01	9.69E+00	8.76E+00	7.75E+00	7.69E+00	5.71E+00	5.57E+00
Receptor_722	373441	3757083	1.36E+01	1.26E+01	9.36E+00	8.46E+00	6.29E+00	5.88E+00	4.69E+00	4.21E+00
Receptor_723	373441	3757183	1.38E+01	1.34E+01	8.85E+00	8.28E+00	6.27E+00	6.21E+00	4.72E+00	4.65E+00
Receptor_724	373441	3757283	1.16E+01	9.69E+00	7.22E+00	6.50E+00	6.00E+00	5.95E+00	4.59E+00	4.41E+00
Receptor_725	373441	3757383	1.31E+01	9.53E+00	8.12E+00	5.96E+00	5.02E+00	4.97E+00	3.99E+00	3.89E+00
Receptor_726	373441	3757483	1.49E+01	1.16E+01	9.37E+00	7.68E+00	6.64E+00	6.54E+00	4.94E+00	4.91E+00
Receptor_727	373900	3759500	1.08E+01	9.95E+00	7.05E+00	6.59E+00	5.50E+00	5.41E+00	4.20E+00	4.14E+00
Receptor_728	373900	3762500	1.16E+01	9.50E+00	7.19E+00	5.93E+00	4.72E+00	4.63E+00	3.82E+00	3.74E+00
Receptor_729	373900	3763500	1.44E+01	1.33E+01	9.12E+00	8.72E+00	5.60E+00	5.52E+00	4.28E+00	4.17E+00
Receptor_730	374900	3753500	1.32E+01	1.12E+01	8.73E+00	7.12E+00	6.03E+00	5.87E+00	4.65E+00	4.34E+00
Receptor_731	374900	3758500	1.17E+01	1.11E+01	7.42E+00	7.28E+00	5.28E+00	5.26E+00	4.08E+00	4.03E+00
Receptor_732	375900	3754500	3.40E+01	2.99E+01	2.08E+01	1.88E+01	1.22E+01	1.21E+01	8.20E+00	8.03E+00
Receptor_733	375900	3757500	2.94E+01	2.56E+01	1.82E+01	1.65E+01	1.20E+01	1.06E+01	8.10E+00	7.22E+00
Receptor_734	375900	3758500	1.14E+01	1.08E+01	7.60E+00	7.24E+00	5.68E+00	5.49E+00	4.31E+00	4.25E+00
Receptor_735	375900	3759500	2.29E+01	2.27E+01	1.42E+01	1.41E+01	1.10E+01	1.02E+01	7.15E+00	7.08E+00
Receptor_736	376900	3753500	2.98E+01	2.78E+01	1.86E+01	1.76E+01	1.70E+01	1.61E+01	1.08E+01	1.05E+01
Receptor_737	376900	3754500	2.81E+01	1.80E+01	1.78E+01	1.14E+01	8.69E+00	7.08E+00	5.75E+00	5.00E+00
Receptor_738	376900	3757500	9.39E+00	8.67E+00	6.17E+00	5.68E+00	5.12E+00	5.10E+00	3.98E+00	3.94E+00
Receptor_739	376900	3763500	1.21E+01	9.58E+00	7.59E+00	6.44E+00	6.12E+00	5.98E+00	4.61E+00	4.49E+00
Receptor_740	377900	3758500	2.32E+01	1.98E+01	1.47E+01	1.26E+01	7.09E+00	6.19E+00	4.72E+00	4.34E+00
Receptor_741	378900	3754500	3.14E+01	3.11E+01	1.97E+01	1.93E+01	1.27E+01	1.26E+01	8.68E+00	8.20E+00
Receptor_742	378900	3761500	2.78E+01	2.66E+01	1.78E+01	1.71E+01	1.06E+01	1.05E+01	7.38E+00	7.37E+00
Receptor_743	379900	3753500	2.51E+01	1.73E+01	1.66E+01	1.15E+01	8.58E+00	7.91E+00	6.19E+00	5.30E+00
Receptor_744	379900	3758500	1.50E+01	1.24E+01	1.02E+01	8.33E+00	6.61E+00	5.97E+00	4.89E+00	4.27E+00
Receptor_745	380900	3764500	1.31E+01	1.21E+01	8.86E+00	7.83E+00	6.45E+00	6.14E+00	4.63E+00	4.38E+00
Receptor_746	381900	3753500	1.33E+01	1.10E+01	8.20E+00	6.83E+00	5.25E+00	5.23E+00	4.15E+00	4.06E+00
Receptor_747	381900	3758500	1.37E+01	1.29E+01	8.78E+00	7.96E+00	5.92E+00	5.89E+00	4.52E+00	4.42E+00
Receptor_748	383900	3758500	1.02E+01	9.48E+00	6.67E+00	6.45E+00	6.20E+00	5.94E+00	4.68E+00	4.46E+00
Receptor_749	383900	3759500	1.24E+01	1.10E+01	8.11E+00	6.93E+00	5.41E+00	5.36E+00	4.14E+00	4.11E+00
Receptor_750	383900	3760500	2.99E+01	2.86E+01	1.84E+01	1.77E+01	1.44E+01	1.35E+01	9.21E+00	9.16E+00
Receptor_751	383900	3761500	3.00E+01	2.95E+01	1.85E+01	1.82E+01	1.43E+01	1.35E+01	9.12E+00	9.12E+00
Receptor_752	368494.88	3756671.28	3.13E+01	3.01E+01	1.95E+01	1.87E+01	1.44E+01	1.35E+01	9.17E+00	8.88E+00
Receptor_753	370394.8	3756845.73	2.78E+01	2.66E+01	1.78E+01	1.71E+01	1.06E+01	1.05E+01	7.38E+00	7.37E+00
Receptor_754	366455.27	3763213.67	3.55E+01	3.20E+01	2.17E+01	2.01E+01	1.27E+01	1.25E+01	8.54E+00	8.17E+00
Receptor_755	366669.62	3763342.53	2.57E+01	2.49E+01	1.70E+01	1.66E+01	1.07E+01	1.00E+01	7.66E+00	6.87E+00
Receptor_756	366671.31	3762769.21	1.41E+01	1.33E+01	8.79E+00	8.67E+00	6.86E+00	6.63E+00	5.01E+00	4.94E+00
Receptor_757	367494.53	3758314.82	2.68E+01	1.66E+01	1.77E+01	1.10E+01	8.88E+00	7.81E+00	6.34E+00	5.19E+00
Receptor_758	367575.16	3764900.8	1.55E+01	1.20E+01	1.05E+01	8.09E+00	6.70E+00	5.93E+00	4.93E+00	4.25E+00
Receptor_759	367638.49	3757975.16	1.39E+01	1.38E+01	9.11E+00	8.62E+00	7.39E+00	7.27E+00	5.45E+00	5.40E+00
Receptor_760	367728.62	3761967.19	2.68E+01	1.66E+01	1.77E+01	1.10E+01	8.88E+00	7.81E+00	6.34E+00	5.19E+00
Receptor_761	367787.59	3758292.62	1.37E+01	1.29E+01	8.78E+00	7.96E+00	5.92E+00	5.89E+00	4.52E+00	4.42E+00
Receptor_762	367831.34	3763245.91	1.26E+01	1.02E+01	7.82E+00	6.35E+00	5.00E+00	4.97E+00	4.00E+00	3.91E+00
Receptor_763	367900	3758500	1.01E+01	9.46E+00	6.62E+00	6.24E+00	6.05E+00	5.82E+00	4.59E+00	4.39E+00
Receptor_764	367926.08	3763311.16	1.19E+01	9.95E+00	7.77E+00	6.60E+00	6.31E+00	6.07E+00	4.73E+00	4.62E+00
Receptor_765	367964.98	3758232.97	1.15E+01	1.01E+01	7.46E+00	6.68E+00	6.20E+00	5.87E+00	4.65E+00	4.40E+00
Receptor_766	367976.37	3763336.74	1.56E+01	1.48E+01	1.02E+01	9.30E+00	6.51E+00	6.02E+00	4.76E+00	4.53E+00
Receptor_767	367978.91	3758390.1	1.26E+01	1.01E+01	8.14E+00	6.41E+00	5.37E+00	4.99E+00	3.98E+00	3.82E+00
Receptor_768	368188.78	3758591.47	1.03E+01	9.62E+00	6.78E+00	6.58E+00	5.78E+00	5.40E+00	4.47E+00	4.22E+00
Receptor_769	368501.11	3761632.38	6.55E+01	6.05E+01	4.04E+01	3.73E+01	3.51E+01	3.32E+01	2.17E+01	2.08E+01
Receptor_770	368505.49	3758571.22	5.83E+01	5.78E+01	3.61E+01	3.55E+01	3.12E+01	2.99E+01	1.94E+01	1.90E+01
Receptor_771	368673.29	3761677.69	1.20E+01	1.01E+01	7.84E+00	6.71E+00	6.34E+00	6.19E+00	4.75E+00	4.61E+00
Receptor_772	368693.42	3758359.47	1.43E+01	1.12E+01	8.82E+00	7.43E+00	4.83E+00	4.64E+00	3.79E+00	3.59E+00
Receptor_773	368842.92	3761590.39	1.16E+01	1.16E+01	7.37E+00	7.19E+00	4.50E+00	4.50E+00	3.70E+00	3.30E+00
Receptor_774	368869.11	3754097.89	1.52E+01	1.27E+01	9.72E+00	7.66E+00	4.50E+00	4.43E+00	3.70E+00	3.29E+00
Receptor_775	368869.83	3765067	1.67E+01	1.65E+01	1.09E+01	1.04E+01	6.96E+00	6.56E+00	5.04E+00	4.88E+00
Receptor_776	368969.99	3761647.2	1.63E+01	1.60E+01	1.04E+01	1.02E+01	7.07E+00	6.78E+00	5.10E+00	5.01E+00
Receptor_777	368970.54	3754677.64	2.92E+01	2.88E+01	1.83E+01	1.83E+01	1.46E+01	1.41E+01	9.79E+00	9.31E+00
Receptor_778	369007.11	3762513.11	1.23E+01	1.17E+01	7.73E+00	7.71E+00	5.07E+00	5.00E+00	3.91E+00	3.90E+00
Receptor_779	369227.99	3762251.91	1.67E+01	1.63E+01	1.08E+01	1.03E+01	6.93E+00	6.57E+00	5.02E+00	4.87E+00
Receptor_780	369242.37	3754695.62	1.69E+01	1.61E+01	1.06E+01	1.04E+01	7.09E+00	6.84E+00	5.12E+00	5.04E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_781	369456.98	3762567.48	3.15E+01	3.13E+01	1.99E+01	1.97E+01	1.61E+01	1.55E+01	1.07E+01	1.02E+01
Receptor_782	369504	3754702.08	1.90E+01	1.54E+01	1.18E+01	9.65E+00	7.89E+00	7.66E+00	5.70E+00	5.45E+00
Receptor_783	369767.91	3761150.98	1.63E+01	1.60E+01	1.04E+01	1.02E+01	7.07E+00	6.78E+00	5.10E+00	5.01E+00
Receptor_784	369809.34	3764567.65	3.16E+01	2.98E+01	1.94E+01	1.88E+01	1.53E+01	1.43E+01	1.00E+01	9.35E+00
Receptor_785	369845.18	3754154.97	1.77E+01	1.63E+01	1.10E+01	1.02E+01	8.16E+00	8.14E+00	5.67E+00	5.65E+00
Receptor_786	369848.41	3753976.49	1.77E+01	1.63E+01	1.10E+01	1.02E+01	8.16E+00	8.14E+00	5.67E+00	5.65E+00
Receptor_787	370097.88	3760014.31	5.69E+01	5.27E+01	3.62E+01	3.35E+01	2.00E+01	1.91E+01	1.29E+01	1.23E+01
Receptor_788	370150.95	3754699.75	3.47E+01	3.36E+01	2.26E+01	2.22E+01	1.76E+01	1.65E+01	1.21E+01	1.12E+01
Receptor_789	370192.96	3758860.7	3.23E+01	2.93E+01	2.05E+01	1.87E+01	1.09E+01	1.03E+01	7.18E+00	6.98E+00
Receptor_790	370243.17	3759622.98	2.60E+01	2.57E+01	1.68E+01	1.66E+01	1.34E+01	1.28E+01	9.06E+00	8.89E+00
Receptor_791	370246.2	3754243.12	2.21E+01	2.15E+01	1.43E+01	1.35E+01	1.18E+01	1.07E+01	8.01E+00	7.35E+00
Receptor_792	370290.74	3759464.6	3.16E+01	3.08E+01	1.99E+01	1.96E+01	9.72E+00	9.71E+00	6.87E+00	6.85E+00
Receptor_793	370608.78	3762239.97	2.36E+01	2.20E+01	1.43E+01	1.41E+01	1.14E+01	1.14E+01	7.72E+00	7.31E+00
Receptor_794	370614.8	3762181.53	2.61E+01	2.58E+01	1.68E+01	1.67E+01	1.34E+01	1.28E+01	9.08E+00	8.92E+00
Receptor_795	370625.96	3763759.08	3.28E+01	2.46E+01	2.15E+01	1.57E+01	1.05E+01	9.92E+00	7.32E+00	6.41E+00
Receptor_796	370723.56	3763867.78	3.16E+01	3.08E+01	1.99E+01	1.96E+01	9.72E+00	9.71E+00	6.87E+00	6.85E+00
Receptor_797	370968.58	3759443.63	3.05E+01	2.96E+01	1.90E+01	1.85E+01	1.54E+01	1.52E+01	1.03E+01	1.03E+01
Receptor_798	371139.14	3758179.3	3.58E+01	3.51E+01	2.18E+01	2.13E+01	2.05E+01	2.03E+01	1.31E+01	1.30E+01
Receptor_799	371516.05	3762577.75	2.64E+01	2.55E+01	1.68E+01	1.66E+01	1.37E+01	1.29E+01	9.25E+00	8.96E+00
Receptor_800	371721.4	3759371.61	3.24E+01	3.16E+01	2.04E+01	2.04E+01	1.41E+01	1.24E+01	9.50E+00	8.45E+00
Receptor_801	371973.81	3758892.65	3.70E+01	3.54E+01	2.37E+01	2.31E+01	1.87E+01	1.77E+01	1.26E+01	1.19E+01
Receptor_802	372687.72	3759513.01	2.51E+01	2.46E+01	1.55E+01	1.51E+01	1.17E+01	1.14E+01	7.99E+00	7.75E+00
Receptor_803	372943.49	3761051.66	2.11E+01	1.84E+01	1.36E+01	1.18E+01	1.18E+01	1.14E+01	7.82E+00	7.52E+00
Receptor_804	373546.52	3760907.48	2.25E+01	2.20E+01	1.45E+01	1.38E+01	1.25E+01	1.19E+01	8.12E+00	7.67E+00
Receptor_805	373736.6	3756503.93	2.24E+01	2.02E+01	1.44E+01	1.27E+01	1.25E+01	1.21E+01	8.28E+00	7.83E+00
Receptor_806	373758.2	3758043.23	2.49E+01	2.44E+01	1.57E+01	1.53E+01	1.38E+01	1.38E+01	8.96E+00	8.82E+00
Receptor_807	373781.58	3755802.14	1.93E+01	1.92E+01	1.24E+01	1.18E+01	1.13E+01	1.09E+01	7.49E+00	7.30E+00
Receptor_808	373814.2	3756040.57	1.14E+01	9.92E+00	7.15E+00	6.63E+00	6.01E+00	5.97E+00	4.61E+00	4.42E+00
Receptor_809	373990.06	3753826.14	2.85E+01	2.55E+01	1.77E+01	1.60E+01	1.08E+01	1.06E+01	6.80E+00	6.78E+00
Receptor_810	374057.73	3758196.51	4.45E+01	4.05E+01	2.77E+01	2.50E+01	1.91E+01	1.82E+01	1.21E+01	1.16E+01
Receptor_811	374270.95	3758673.42	4.14E+01	4.08E+01	2.56E+01	2.55E+01	1.75E+01	1.70E+01	1.12E+01	1.08E+01
Receptor_812	374561.05	3757642.94	3.94E+01	3.24E+01	2.39E+01	2.04E+01	1.37E+01	1.22E+01	8.48E+00	8.07E+00
Receptor_813	374688.84	3758984.9	3.40E+01	3.12E+01	2.14E+01	1.96E+01	1.46E+01	1.42E+01	9.70E+00	9.20E+00
Receptor_814	374693.96	3758983.17	7.67E+01	7.49E+01	4.70E+01	4.64E+01	3.37E+01	3.18E+01	2.12E+01	2.02E+01
Receptor_815	374717.46	3762574.39	2.50E+01	2.44E+01	1.58E+01	1.53E+01	1.39E+01	1.38E+01	8.97E+00	8.84E+00
Receptor_816	375503.8	3764537.77	2.76E+01	2.67E+01	1.74E+01	1.64E+01	1.59E+01	1.49E+01	1.03E+01	9.83E+00
Receptor_817	375614.97	3760555.1	2.15E+01	1.89E+01	1.35E+01	1.22E+01	1.12E+01	1.10E+01	7.45E+00	7.31E+00
Receptor_818	375718.04	3758204.95	3.51E+01	3.45E+01	2.16E+01	2.10E+01	1.41E+01	1.41E+01	9.46E+00	9.33E+00
Receptor_819	375902.79	3764940.52	3.12E+01	2.93E+01	1.90E+01	1.82E+01	1.39E+01	1.29E+01	9.11E+00	8.58E+00
Receptor_820	375908.38	3763938.71	5.98E+01	5.15E+01	3.66E+01	3.15E+01	2.79E+01	2.62E+01	1.68E+01	1.62E+01
Receptor_821	375920.6	3762083.39	2.76E+01	2.67E+01	1.74E+01	1.64E+01	1.59E+01	1.49E+01	1.03E+01	9.83E+00
Receptor_822	376709.15	3756388.48	2.16E+01	1.87E+01	1.36E+01	1.17E+01	1.26E+01	1.20E+01	8.24E+00	7.80E+00
Receptor_823	376814.39	3754856.21	4.57E+01	4.21E+01	2.92E+01	2.72E+01	2.27E+01	2.23E+01	1.46E+01	1.45E+01
Receptor_824	377050.15	3761774.29	9.48E+01	9.29E+01	5.79E+01	5.68E+01	3.39E+01	3.10E+01	2.11E+01	1.94E+01
Receptor_825	377052.34	3761911.9	4.14E+01	4.08E+01	2.56E+01	2.55E+01	1.75E+01	1.70E+01	1.12E+01	1.08E+01
Receptor_826	377227.14	3756422.42	2.97E+01	2.97E+01	1.84E+01	1.84E+01	1.38E+01	1.35E+01	8.84E+00	8.72E+00
Receptor_827	377237.88	3763993.21	1.98E+01	1.76E+01	1.22E+01	1.08E+01	8.62E+00	8.51E+00	5.87E+00	5.86E+00
Receptor_828	377313.01	3756205.13	4.81E+01	3.69E+01	3.08E+01	2.29E+01	1.90E+01	1.88E+01	1.26E+01	1.24E+01
Receptor_829	377330.56	3760754.6	1.78E+01	1.66E+01	1.10E+01	1.03E+01	9.11E+00	9.07E+00	6.42E+00	6.35E+00
Receptor_830	377342.37	3764027.27	1.38E+01	1.29E+01	9.08E+00	8.52E+00	7.35E+00	7.28E+00	5.48E+00	5.38E+00
Receptor_831	377388.19	3762578.39	4.21E+01	4.08E+01	2.57E+01	2.47E+01	2.12E+01	1.81E+01	1.33E+01	1.16E+01
Receptor_832	377563.47	3760340.44	1.95E+01	1.88E+01	1.21E+01	1.21E+01	8.57E+00	8.45E+00	6.04E+00	6.02E+00
Receptor_833	377753.42	3759272.76	3.55E+01	3.47E+01	2.33E+01	2.27E+01	1.49E+01	1.33E+01	1.04E+01	8.83E+00
Receptor_834	377839.66	3764649.02	2.34E+01	2.09E+01	1.46E+01	1.32E+01	6.02E+00	5.85E+00	4.40E+00	4.10E+00
Receptor_835	377841.65	3762246.94	3.35E+01	3.23E+01	2.17E+01	2.07E+01	1.31E+01	1.29E+01	8.90E+00	8.82E+00
Receptor_836	377908.39	3762502.03	2.75E+01	2.72E+01	1.73E+01	1.71E+01	1.41E+01	1.34E+01	8.97E+00	8.77E+00
Receptor_837	377916	3755241.12	4.21E+01	4.08E+01	2.57E+01	2.47E+01	2.12E+01	1.81E+01	1.33E+01	1.16E+01
Receptor_838	377924.86	3763642.88	2.54E+01	2.52E+01	1.67E+01	1.65E+01	1.30E+01	1.28E+01	8.85E+00	8.80E+00
Receptor_839	377967.05	3762224.48	2.38E+01	2.34E+01	1.46E+01	1.43E+01	1.00E+01	9.94E+00	6.85E+00	6.69E+00
Receptor_840	378003.52	3753139.05	9.15E+01	8.60E+01	5.67E+01	5.31E+01	4.25E+01	3.72E+01	2.67E+01	2.35E+01
Receptor_841	378022.11	3755897.25	1.13E+02	1.13E+02	7.24E+01	7.18E+01	6.86E+01	6.84E+01	4.43E+01	4.37E+01
Receptor_842	378066.59	3761432.9	6.61E+01	6.49E+01	4.14E+01	4.07E+01	2.66E+01	2.40E+01	1.69E+01	1.51E+01
Receptor_843	378209.66	3764122.39	1.95E+02	1.92E+02	1.19E+02	1.17E+02	1.03E+02	9.96E+01	6.26E+01	6.07E+01
Receptor_844	378212.33	3753511.52	2.56E+01	2.33E+01	1.68E+01	1.50E+01	1.15E+01	1.08E+01	7.50E+00	7.47E+00
Receptor_845	378223.51	3760237.39	2.74E+01	2.66E+01	1.73E+01	1.68E+01	1.39E+01	1.33E+01	8.86E+00	8.71E+00

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration (µg/m <sup>3</sup> )				8-hr Average Concentration (µg/m <sup>3</sup> )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_846	378326.9	3764105.95	1.05E+02	1.05E+02	6.61E+01	6.60E+01	6.46E+01	6.22E+01	4.10E+01	3.97E+01
Receptor_847	378366.51	3755075.26	4.35E+01	4.33E+01	2.67E+01	2.64E+01	1.81E+01	1.72E+01	1.17E+01	1.08E+01
Receptor_848	378370.05	3759869.86	8.35E+01	8.21E+01	5.16E+01	5.10E+01	4.21E+01	3.84E+01	2.65E+01	2.38E+01
Receptor_849	378781.96	3760336.17	1.96E+01	1.85E+01	1.25E+01	1.19E+01	1.12E+01	1.10E+01	7.43E+00	7.36E+00
Receptor_850	378862.39	3757229.87	5.37E+01	5.33E+01	3.21E+01	3.20E+01	2.57E+01	2.46E+01	1.63E+01	1.50E+01
Receptor_851	369131.4	3758945.42	4.32E+01	3.98E+01	2.68E+01	2.46E+01	1.73E+01	1.65E+01	1.11E+01	1.06E+01
Receptor_852	370190.78	3758848.26	1.08E+02	1.07E+02	6.78E+01	6.68E+01	6.03E+01	5.60E+01	3.76E+01	3.50E+01
Receptor_853	370747.03	3763937.58	5.07E+01	4.67E+01	3.10E+01	2.82E+01	2.47E+01	2.36E+01	1.52E+01	1.50E+01
Receptor_854	370757.72	3755124.52	5.42E+01	5.08E+01	3.32E+01	3.13E+01	2.19E+01	2.19E+01	1.38E+01	1.37E+01
Receptor_855	370946.7	3758260.69	1.93E+02	1.78E+02	1.19E+02	1.11E+02	1.10E+02	1.06E+02	6.84E+01	6.57E+01
Receptor_856	371368.79	3754218.82	4.17E+01	3.44E+01	2.55E+01	2.17E+01	1.70E+01	1.66E+01	1.09E+01	1.08E+01
Receptor_857	371786.04	3754168.42	4.17E+01	3.45E+01	2.55E+01	2.17E+01	1.70E+01	1.66E+01	1.09E+01	1.08E+01
Receptor_858	373756.25	3761779.11	4.17E+01	3.45E+01	2.55E+01	2.17E+01	1.70E+01	1.66E+01	1.09E+01	1.08E+01
Receptor_859	367047.63	3761097.01	4.17E+01	3.46E+01	2.55E+01	2.18E+01	1.70E+01	1.66E+01	1.09E+01	1.08E+01
Receptor_860	370737.54	3762942.92	4.17E+01	3.46E+01	2.55E+01	2.18E+01	1.70E+01	1.66E+01	1.09E+01	1.08E+01
Receptor_861	371031.93	3758057.86	4.17E+01	3.47E+01	2.55E+01	2.18E+01	1.70E+01	1.65E+01	1.09E+01	1.08E+01
Receptor_862	371034.38	3758338.88	4.17E+01	3.48E+01	2.55E+01	2.19E+01	1.70E+01	1.65E+01	1.09E+01	1.08E+01
Receptor_863	371091.65	3754274.94	4.18E+01	3.48E+01	2.55E+01	2.19E+01	1.70E+01	1.65E+01	1.09E+01	1.08E+01
Receptor_864	371165.78	3758547.83	4.18E+01	3.49E+01	2.55E+01	2.19E+01	1.70E+01	1.65E+01	1.09E+01	1.08E+01
Receptor_865	372241	3757383	4.19E+01	3.50E+01	2.56E+01	2.20E+01	1.70E+01	1.65E+01	1.09E+01	1.08E+01
Receptor_866	372703.01	3761799.64	4.19E+01	3.50E+01	2.56E+01	2.20E+01	1.71E+01	1.65E+01	1.09E+01	1.08E+01
Receptor_867	374194.97	3754806.86	4.20E+01	3.51E+01	2.57E+01	2.21E+01	1.71E+01	1.65E+01	1.09E+01	1.08E+01
Receptor_868	374697.43	3760305.5	4.21E+01	3.52E+01	2.57E+01	2.22E+01	1.71E+01	1.66E+01	1.09E+01	1.08E+01
Receptor_869	375423.74	3758805.14	4.21E+01	3.53E+01	2.57E+01	2.22E+01	1.71E+01	1.66E+01	1.10E+01	1.08E+01
Receptor_870	375433.42	3757541.59	4.22E+01	3.55E+01	2.58E+01	2.23E+01	1.71E+01	1.66E+01	1.10E+01	1.08E+01
Receptor_871	378090.06	3758535.33	4.23E+01	3.56E+01	2.59E+01	2.24E+01	1.72E+01	1.66E+01	1.10E+01	1.09E+01
Receptor_872	367734.03	3758536.57	4.24E+01	3.57E+01	2.59E+01	2.24E+01	1.72E+01	1.66E+01	1.10E+01	1.09E+01
Receptor_873	368069.11	3760165.13	4.25E+01	3.58E+01	2.59E+01	2.25E+01	1.72E+01	1.66E+01	1.10E+01	1.09E+01
Receptor_874	369125.38	3763066.25	4.26E+01	3.59E+01	2.60E+01	2.25E+01	1.72E+01	1.67E+01	1.10E+01	1.09E+01
Receptor_875	369225.45	3764227.42	4.27E+01	3.60E+01	2.61E+01	2.26E+01	1.73E+01	1.67E+01	1.11E+01	1.09E+01
Receptor_876	370236.75	3761140.3	4.29E+01	3.62E+01	2.62E+01	2.27E+01	1.73E+01	1.67E+01	1.11E+01	1.09E+01
Receptor_877	372218.41	3759157.53	4.31E+01	3.63E+01	2.63E+01	2.28E+01	1.73E+01	1.68E+01	1.11E+01	1.10E+01
Receptor_878	372267.44	3762986.25	4.32E+01	3.64E+01	2.63E+01	2.29E+01	1.74E+01	1.68E+01	1.11E+01	1.10E+01
Receptor_879	374498.14	3758643.27	4.33E+01	3.65E+01	2.64E+01	2.29E+01	1.74E+01	1.68E+01	1.11E+01	1.10E+01
Receptor_880	375472.61	3759680.03	4.34E+01	3.66E+01	2.65E+01	2.30E+01	1.74E+01	1.69E+01	1.12E+01	1.10E+01
Receptor_881	375514.38	3757500.61	4.35E+01	3.67E+01	2.66E+01	2.31E+01	1.75E+01	1.69E+01	1.12E+01	1.10E+01
Receptor_882	377395.41	3759189.37	4.36E+01	3.68E+01	2.66E+01	2.31E+01	1.75E+01	1.69E+01	1.12E+01	1.10E+01
Receptor_883	368983.23	3754581.57	4.37E+01	3.68E+01	2.67E+01	2.31E+01	1.75E+01	1.69E+01	1.12E+01	1.11E+01
Receptor_884	369216.41	3758422.45	4.37E+01	3.69E+01	2.67E+01	2.32E+01	1.75E+01	1.70E+01	1.12E+01	1.11E+01
Receptor_885	369532.57	3755391.67	4.37E+01	3.68E+01	2.67E+01	2.31E+01	1.75E+01	1.70E+01	1.12E+01	1.11E+01
Receptor_886	369574.04	3758166.39	4.36E+01	3.67E+01	2.66E+01	2.31E+01	1.75E+01	1.70E+01	1.12E+01	1.11E+01
Receptor_887	369581.37	3758516.07	4.35E+01	3.66E+01	2.65E+01	2.30E+01	1.75E+01	1.70E+01	1.12E+01	1.11E+01
Receptor_888	369830.08	3755394.84	4.33E+01	3.65E+01	2.65E+01	2.30E+01	1.75E+01	1.70E+01	1.12E+01	1.11E+01
Receptor_889	370114.12	3758186.53	4.31E+01	3.64E+01	2.63E+01	2.29E+01	1.75E+01	1.70E+01	1.12E+01	1.11E+01
Receptor_890	371021.69	3757820.6	4.30E+01	3.62E+01	2.63E+01	2.28E+01	1.75E+01	1.69E+01	1.12E+01	1.11E+01
Receptor_891	371641	3756983	4.28E+01	3.61E+01	2.62E+01	2.27E+01	1.75E+01	1.69E+01	1.12E+01	1.11E+01
Receptor_892	371741	3756983	4.26E+01	3.59E+01	2.60E+01	2.25E+01	1.74E+01	1.69E+01	1.12E+01	1.10E+01
Receptor_893	371841	3756983	4.25E+01	3.57E+01	2.60E+01	2.24E+01	1.74E+01	1.69E+01	1.11E+01	1.10E+01
Receptor_894	371941	3756983	4.24E+01	3.56E+01	2.59E+01	2.24E+01	1.74E+01	1.68E+01	1.11E+01	1.10E+01
Receptor_895	371941	3757683	4.22E+01	3.54E+01	2.58E+01	2.23E+01	1.73E+01	1.68E+01	1.11E+01	1.10E+01
Receptor_896	372041	3756983	4.22E+01	3.53E+01	2.58E+01	2.22E+01	1.73E+01	1.68E+01	1.11E+01	1.10E+01
Receptor_897	372141	3756983	4.21E+01	3.52E+01	2.57E+01	2.22E+01	1.73E+01	1.68E+01	1.11E+01	1.10E+01
Receptor_898	372241	3756983	4.48E+01	3.66E+01	2.77E+01	2.30E+01	1.83E+01	1.76E+01	1.17E+01	1.15E+01
Receptor_899	372341	3756983	4.62E+01	3.96E+01	2.86E+01	2.48E+01	1.91E+01	1.80E+01	1.22E+01	1.18E+01
Receptor_900	372441	3756983	4.54E+01	4.11E+01	2.82E+01	2.57E+01	1.96E+01	1.84E+01	1.25E+01	1.20E+01
Receptor_901	372541	3756983	3.76E+01	3.66E+01	2.34E+01	2.29E+01	1.92E+01	1.83E+01	1.22E+01	1.19E+01
Receptor_902	372641	3756983	3.75E+01	3.66E+01	2.34E+01	2.29E+01	1.92E+01	1.83E+01	1.22E+01	1.19E+01
Receptor_903	373241	3756983	3.75E+01	3.66E+01	2.34E+01	2.29E+01	1.92E+01	1.83E+01	1.22E+01	1.19E+01
Receptor_904	373341	3756983	3.77E+01	3.68E+01	2.35E+01	2.30E+01	1.93E+01	1.84E+01	1.23E+01	1.20E+01
Receptor_905	373441	3756983	4.38E+01	3.87E+01	2.73E+01	2.42E+01	2.17E+01	2.04E+01	1.38E+01	1.32E+01
Receptor_906	373441	3757583	4.23E+01	3.93E+01	2.63E+01	2.45E+01	2.17E+01	2.03E+01	1.38E+01	1.31E+01
Receptor_907	373441	3757683	4.13E+01	4.00E+01	2.57E+01	2.50E+01	2.18E+01	2.03E+01	1.38E+01	1.31E+01
Receptor_908	373441	3757783	4.05E+01	4.01E+01	2.53E+01	2.50E+01	2.18E+01	2.02E+01	1.38E+01	1.31E+01
Receptor_909	373441	3757883	4.06E+01	3.92E+01	2.54E+01	2.45E+01	2.17E+01	2.00E+01	1.37E+01	1.30E+01
Receptor_910	373441	3757983	4.03E+01	3.83E+01	2.52E+01	2.39E+01	2.14E+01	1.98E+01	1.36E+01	1.28E+01

**Operational Concentrations**  
**3/24/2016**  
**Carbon Monoxide (CO)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		1-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )				8-hr Average Concentration ( $\mu\text{g}/\text{m}^3$ )			
	X	Y	2024	2024	2035	2035	2024	2024	2035	2035
			H1H	H2H	H1H	H2H	H1H	H2H	H1H	H2H
Receptor_911	373541	3756983	3.97E+01	3.87E+01	2.49E+01	2.39E+01	2.11E+01	1.95E+01	1.34E+01	1.27E+01
Receptor_912	373541	3757083	4.01E+01	3.92E+01	2.47E+01	2.46E+01	2.10E+01	1.95E+01	1.34E+01	1.27E+01
Receptor_913	373541	3757183	4.12E+01	3.92E+01	2.54E+01	2.44E+01	2.10E+01	1.95E+01	1.34E+01	1.27E+01
Receptor_914	373541	3757283	4.24E+01	4.01E+01	2.62E+01	2.47E+01	2.11E+01	1.96E+01	1.34E+01	1.27E+01
Receptor_915	373541	3757383	4.01E+01	3.81E+01	2.47E+01	2.35E+01	2.00E+01	1.88E+01	1.27E+01	1.23E+01
Receptor_916	373541	3757483	4.02E+01	3.82E+01	2.48E+01	2.35E+01	1.99E+01	1.87E+01	1.27E+01	1.22E+01
Receptor_917	373541	3757583	4.34E+01	4.03E+01	2.66E+01	2.54E+01	2.42E+01	2.21E+01	1.53E+01	1.42E+01
Receptor_918	373541	3757683	4.69E+01	4.40E+01	2.89E+01	2.73E+01	2.65E+01	2.46E+01	1.67E+01	1.57E+01
Receptor_919	366900	3759500	5.65E+01	5.42E+01	3.54E+01	3.32E+01	3.08E+01	2.84E+01	1.94E+01	1.81E+01
Receptor_920	367900	3759500	5.74E+01	5.43E+01	3.59E+01	3.34E+01	3.09E+01	2.86E+01	1.95E+01	1.82E+01

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# Attachment F.5

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## Operation Concentrations– Criteria Pollutants

- Proposed Project NO<sub>x</sub>



Operational Concentrations
8/10/2016
Nitrogen Dioxide (NO2)

Project Compared to Future Baseline

Table with columns: Receptor ID, Meters (X, Y), Future Baseline 1-hr Average Concentration (2024, 2035), Annual Concentration (2024, 2035), Project 1-hr Average Concentration (2024, 2035), Concentration (2024, 2035), Incremental 1-hr Average Concentration (2024, 2035), Concentration (2024, 2035).





Operational Concentrations  
8/10/2016  
Nitrogen Dioxide (NO2)

Project Compared to Future Baseline

Table with columns: Receptor ID, Meters (X, Y), Future Baseline 1-hr Average Concentration (ug/m3) for years 2024, 2024, 2035, 2035, Annual Concentration for 2024, 2035, Project 1-hr Average Concentration (ug/m3) for 2024, 2024, 2035, 2035, Concentration (ug/m3) for 2024, 2035, Incremental 1-hr Average Concentration (ug/m3) for 2024, 2024, 2035, 2035, and Concentration (ug/m3) for 2024, 2035.















Operational Concentrations
3/24/2016
Nitrogen Dioxide (NO2)

Project Compared to 2015 Baseline

Table with columns for Receptor ID, Meters (X, Y), 2015 Baseline 1-hr Average Concentration (ug/m3) for years 2024, 2024, 2035, 2035, Annual Concentration (2024, 2035), Project 1-hr Average Concentration (ug/m3) for years 2024, 2024, 2035, 2035, Concentration (ug/m3) (2024, 2035), Incremental 1-hr Average Concentration (ug/m3) for years 2024, 2024, 2035, 2035, and Concentration (ug/m3) (2024, 2035). Rows list receptors 310 through 412.







Operational Concentrations
3/24/2016
Nitrogen Dioxide (NO2)

Project Compared to 2015 Baseline

Table with columns: Receptor ID, Meters (X, Y), 2015 Baseline 1-hr Average Concentration (µg/m3) (2024 H1H, 2024 H8H, 2035 H1H, 2035 H8H), Annual Concentration (2024, 2035), Project 1-hr Average Concentration (µg/m3) (2024 H1H, 2024 H8H, 2035 H1H, 2035 H8H), Concentration (µg/m3) (2024, 2035), Incremental 1-hr Average Concentration (µg/m3) (2024 H1H, 2024 H8H, 2035 H1H, 2035 H8H), and Concentration (µg/m3) (2024, 2035).

Operational Concentrations
3/24/2016
Nitrogen Dioxide (NO2)

Project Compared to 2015 Baseline

Table with columns: Receptor ID, Meters (X, Y), 2015 Baseline 1-hr Average Concentration (µg/m3) for 2024, 2024, 2035, 2035; Annual Concentration for 2024, 2035; Project 1-hr Average Concentration (µg/m3) for 2024, 2024, 2035, 2035; Concentration (µg/m3) for 2024, 2035; Incremental 1-hr Average Concentration (µg/m3) for 2024, 2024, 2035, 2035; Concentration (µg/m3) for 2024, 2035.











Operational Concentrations

3/24/2016

Nitrogen Dioxide (NO2)

No Project Compared to 2015 Baseline

Table with columns: Receptor ID, Meters (X, Y), 2015 Baseline 1-hr Average Concentration (µg/m3) (2024 H1H, 2024 H8H, 2035 H1H, 2035 H8H), Annual Concentration (2024, 2035), Project 1-hr Average Concentration (µg/m3) (2024 H1H, 2024 H8H, 2035 H1H, 2035 H8H), Concentration (µg/m3) (2024, 2035), Incremental 1-hr Average Concentration (µg/m3) (2024 H1H, 2024 H8H, 2035 H1H, 2035 H8H), Concentration (µg/m3) (2024, 2035). Rows list receptors from 516 to 618.







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## Attachment F.5

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### Operation Concentrations– Criteria Pollutants

- Proposed Project PM10























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# Attachment F.5

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## Operation Concentrations– Criteria Pollutants

- Proposed Project PM25



Operational Concentrations  
8/10/2016  
PM2.5

Table with 11 columns: Receptor ID, Meters (X, Y), 24-Hour Average Concentration (2024, 2024, 2035, 2035), Annual Concentration (2024, 2035). Rows include receptors 84 through 166.

Operational Concentrations  
3/24/2016  
PM2.5

Table with 11 columns: Receptor ID, Meters (X, Y), Average Concentration (2024, 2024, 2035, 2035), Annual Concentration (2024, 2035). Rows include receptors 84 through 166.

Operational Concentrations  
3/24/2016  
PM2.5

Table with 11 columns: Receptor ID, Meters (X, Y), Average Concentration (2024, 2024, 2035, 2035), Annual Concentration (2024, 2035). Rows include receptors 84 through 166.





Operational Concentrations
8/10/2016
PM2.5

Table with columns: Project Compared to Future Baseline, Receptor ID, Meters (X, Y), 24-Hour Average Concentration (µg/m³) for years 2024-2036, and Annual Concentration (µg/m³) for years 2024-2036. Contains 415 receptor rows.

Operational Concentrations
3/24/2016
PM2.5

Table with columns: Project Compared to 2014 Baseline, Receptor ID, Meters (X, Y), Average Concentration (µg/m³) for years 2024-2036, and Annual Concentration (µg/m³) for years 2024-2036. Contains 415 receptor rows.

Operational Concentrations
3/24/2016
PM2.5

Table with columns: No Project Compared to 2014 Baseline, Receptor ID, Meters (X, Y), Average Concentration (µg/m³) for years 2024-2036, and Annual Concentration (µg/m³) for years 2024-2036. Contains 415 receptor rows.



Operational Concentrations  
8/10/2016  
PM2.5

Table with 15 columns: Receptor ID, Meters (X, Y), 24-Hour Average Concentration (2024 HH, 2024 HZH, 2025 HH, 2025 HZH), Annual Concentration (2024, 2025). Rows 1-50.

Operational Concentrations  
3/24/2016  
PM2.5

Table with 15 columns: Receptor ID, Meters (X, Y), Average Concentration (2024 HH, 2024 HZH, 2025 HH, 2025 HZH), Annual Concentration (2024, 2025). Rows 1-50.

Operational Concentrations  
3/24/2016  
PM2.5

Table with 15 columns: Receptor ID, Meters (X, Y), Average Concentration (2024 HH, 2024 HZH, 2025 HH, 2025 HZH), Annual Concentration (2024, 2025). Rows 1-50.









**Operational Concentrations**  
8/10/2016  
PM2.5

**Project Compared to Future Baseline**

Receptor ID	Meters		24-Hour Average Concentration (µg/m <sup>3</sup> )				Annual Concentration (µg/m <sup>3</sup> )	
			2024		2035		2024	2035
	X	Y	H1H	H2H	H1H	H2H		
Receptor_914	373541	3757283	3.61E-01	3.61E-01	3.50E-01	3.49E-01	2.50E-01	2.35E-01
Receptor_915	373541	3757383	2.69E-01	2.66E-01	2.52E-01	2.51E-01	1.87E-01	1.76E-01
Receptor_916	373541	3757483	2.47E-01	2.41E-01	2.34E-01	2.28E-01	1.68E-01	1.60E-01
Receptor_917	373541	3757583	2.43E-01	2.31E-01	2.29E-01	2.18E-01	1.59E-01	1.52E-01
Receptor_918	373541	3757683	2.61E-01	2.44E-01	2.41E-01	2.24E-01	1.66E-01	1.53E-01
Receptor_919	366900	3759500	1.24E-02	1.08E-02	1.21E-02	1.01E-02	3.80E-03	3.49E-03
Receptor_920	367900	3759500	1.30E-02	1.29E-02	1.25E-02	1.22E-02	4.91E-03	4.53E-03

**Operational Concentrations**  
3/24/2016  
PM2.5

**Project Compared to 2014 Baseline**

Receptor ID	Meters		Average Concentration (µg/m <sup>3</sup> )				Annual Concentration (µg/m <sup>3</sup> )	
			2024		2035		2024	2035
	X	Y	H1H	H2H	H1H	H2H		
Receptor_914	373541	3757283	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.66E-01	-4.03E-01
Receptor_915	373541	3757383	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E-01	-3.77E-01
Receptor_916	373541	3757483	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E-01	-3.77E-01
Receptor_917	373541	3757583	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.03E-01	-5.02E-01
Receptor_918	373541	3757683	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.31E-01	-5.77E-01
Receptor_919	366900	3759500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.00E-01	-7.56E-01
Receptor_920	367900	3759500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.03E-01	-7.64E-01

**Operational Concentrations**  
3/24/2016  
PM2.5

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		Average Concentration (µg/m <sup>3</sup> )				Annual Concentration (µg/m <sup>3</sup> )	
			2024		2035		2024	2035
	X	Y	H1H	H2H	H1H	H2H		
Receptor_914	373541	3757283	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.57E-01	-4.39E-01
Receptor_915	373541	3757383	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.32E-01	-4.14E-01
Receptor_916	373541	3757483	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.31E-01	-4.13E-01
Receptor_917	373541	3757583	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.37E-01	-5.16E-01
Receptor_918	373541	3757683	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.01E-01	-5.78E-01
Receptor_919	366900	3759500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.74E-01	-7.53E-01
Receptor_920	367900	3759500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.81E-01	-7.60E-01

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## Attachment F.5

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### Operation Concentrations– Criteria Pollutants

- Proposed Project SO<sub>2</sub>





















**Operational Concentrations**  
**8/10/2016**  
**Sulfur Dioxide (SO2)**

**Project Compared to Future Baseline**

Receptor ID	Meters		Average 1-hr Concentration (µg/m <sup>3</sup> )				Average 3-hr Concentration (µg/m <sup>3</sup> )		Average 24-hr Concentration (µg/m <sup>3</sup> )				Annual Concentration (µg/m <sup>3</sup> )	
	X	Y	2024	2024	2035	2035	2024	2035	2024	2024	2035	2035	2024	2035
			H1H	H4H	H1H	H4H	H2H	H2H	H1H	H2H	H1H	H2H		
Receptor_881	375514.38	3757501	1.31E-02	1.19E-02	1.14E-02	1.03E-02	7.75E-03	6.72E-03	2.86E-03	2.83E-03	2.40E-03	2.35E-03	1.51E-03	1.20E-03
Receptor_882	377395.41	3759189	1.59E-02	1.27E-02	1.43E-02	1.14E-02	7.31E-03	6.56E-03	2.17E-03	2.13E-03	1.92E-03	1.86E-03	8.96E-04	7.05E-04
Receptor_883	368983.23	3754582	4.74E-03	3.78E-03	4.18E-03	3.45E-03	2.69E-03	2.53E-03	1.16E-03	9.11E-04	1.05E-03	8.22E-04	3.11E-04	2.66E-04
Receptor_884	369216.41	3758422	1.72E-02	1.31E-02	1.34E-02	1.04E-02	9.96E-03	7.80E-03	3.85E-03	3.19E-03	3.31E-03	2.60E-03	1.51E-03	1.19E-03
Receptor_885	369532.57	3755392	9.68E-03	9.23E-03	9.19E-03	8.84E-03	7.13E-03	6.68E-03	2.48E-03	2.23E-03	2.36E-03	2.11E-03	5.99E-04	5.56E-04
Receptor_886	369574.04	3758166	1.33E-02	1.29E-02	1.15E-02	1.09E-02	9.54E-03	8.02E-03	5.19E-03	5.18E-03	4.47E-03	4.19E-03	3.24E-03	2.49E-03
Receptor_887	369581.37	3758516	9.68E-03	9.24E-03	9.20E-03	8.83E-03	6.75E-03	6.51E-03	3.19E-03	2.40E-03	2.67E-03	2.01E-03	1.03E-03	8.19E-04
Receptor_888	369830.08	3755395	8.13E-03	7.66E-03	7.67E-03	7.32E-03	5.50E-03	5.37E-03	2.09E-03	1.98E-03	2.04E-03	1.97E-03	6.10E-04	5.93E-04
Receptor_889	370114.12	3758187	9.80E-03	7.98E-03	9.54E-03	7.88E-03	5.96E-03	6.06E-03	3.13E-03	2.47E-03	2.76E-03	2.13E-03	1.32E-03	1.07E-03
Receptor_890	371021.69	3757821	1.70E-02	1.28E-02	1.76E-02	1.30E-02	8.87E-03	9.11E-03	4.02E-03	4.01E-03	3.90E-03	3.83E-03	1.89E-03	1.91E-03
Receptor_891	371641	3756983	4.01E-02	3.31E-02	4.06E-02	3.36E-02	2.34E-02	2.40E-02	1.43E-02	1.31E-02	1.45E-02	1.29E-02	7.14E-03	7.24E-03
Receptor_892	371741	3756983	3.81E-02	3.33E-02	3.84E-02	3.34E-02	2.17E-02	2.20E-02	1.36E-02	1.27E-02	1.38E-02	1.25E-02	6.75E-03	6.83E-03
Receptor_893	371841	3756983	3.82E-02	3.17E-02	3.85E-02	3.16E-02	2.10E-02	2.15E-02	1.37E-02	1.22E-02	1.39E-02	1.24E-02	6.56E-03	6.66E-03
Receptor_894	371941	3756983	3.26E-02	3.00E-02	3.33E-02	2.99E-02	2.10E-02	2.16E-02	1.37E-02	1.23E-02	1.40E-02	1.27E-02	6.43E-03	6.60E-03
Receptor_895	371941	3757683	1.87E-02	1.72E-02	1.81E-02	1.68E-02	1.27E-02	1.26E-02	6.83E-03	6.81E-03	6.29E-03	6.17E-03	3.66E-03	3.40E-03
Receptor_896	372041	3756983	3.36E-02	2.92E-02	3.31E-02	2.99E-02	2.21E-02	2.29E-02	1.39E-02	1.27E-02	1.44E-02	1.31E-02	6.39E-03	6.66E-03
Receptor_897	372141	3756983	3.59E-02	2.96E-02	3.53E-02	3.04E-02	2.37E-02	2.47E-02	1.42E-02	1.32E-02	1.49E-02	1.40E-02	6.51E-03	6.93E-03
Receptor_898	372241	3756983	3.76E-02	3.03E-02	3.53E-02	2.93E-02	2.39E-02	2.37E-02	1.45E-02	1.39E-02	1.52E-02	1.44E-02	6.67E-03	7.05E-03
Receptor_899	372341	3756983	3.99E-02	3.21E-02	3.62E-02	2.96E-02	2.61E-02	2.40E-02	1.54E-02	1.48E-02	1.59E-02	1.47E-02	7.02E-03	7.27E-03
Receptor_900	372441	3756983	4.26E-02	3.56E-02	3.80E-02	3.17E-02	2.86E-02	2.58E-02	1.66E-02	1.63E-02	1.66E-02	1.58E-02	7.76E-03	7.78E-03
Receptor_901	372541	3756983	4.77E-02	4.11E-02	4.09E-02	3.57E-02	3.40E-02	2.97E-02	1.99E-02	1.95E-02	1.83E-02	1.77E-02	9.34E-03	8.67E-03
Receptor_902	372641	3756983	4.70E-02	4.44E-02	4.11E-02	3.90E-02	3.36E-02	2.99E-02	2.17E-02	2.13E-02	1.96E-02	1.87E-02	1.04E-02	9.30E-03
Receptor_903	373241	3756983	5.59E-02	4.47E-02	4.49E-02	3.73E-02	3.35E-02	2.65E-02	2.11E-02	1.72E-02	1.65E-02	1.34E-02	9.48E-03	7.33E-03
Receptor_904	373341	3756983	5.74E-02	5.02E-02	4.49E-02	3.70E-02	3.54E-02	2.69E-02	2.47E-02	2.02E-02	1.74E-02	1.40E-02	1.16E-02	7.90E-03
Receptor_905	373441	3756983	6.04E-02	5.33E-02	4.30E-02	3.98E-02	3.78E-02	2.74E-02	2.58E-02	2.13E-02	1.74E-02	1.41E-02	1.37E-02	8.64E-03
Receptor_906	373441	3757583	4.93E-02	4.14E-02	3.77E-02	3.20E-02	3.05E-02	2.35E-02	1.84E-02	1.73E-02	1.39E-02	1.31E-02	1.17E-02	9.00E-03
Receptor_907	373441	3757683	6.08E-02	4.97E-02	4.62E-02	3.62E-02	3.80E-02	2.82E-02	2.35E-02	2.17E-02	1.77E-02	1.59E-02	1.41E-02	1.06E-02
Receptor_908	373441	3757783	7.64E-02	7.30E-02	6.31E-02	6.00E-02	5.32E-02	4.37E-02	3.03E-02	3.00E-02	2.30E-02	2.28E-02	2.18E-02	1.64E-02
Receptor_909	373441	3757883	6.24E-02	5.96E-02	5.33E-02	5.03E-02	4.24E-02	3.51E-02	2.50E-02	2.47E-02	1.95E-02	1.93E-02	1.72E-02	1.34E-02
Receptor_910	373441	3757983	5.65E-02	5.33E-02	4.54E-02	4.42E-02	4.01E-02	3.32E-02	2.31E-02	2.29E-02	1.84E-02	1.78E-02	1.55E-02	1.22E-02
Receptor_911	373541	3756983	6.25E-02	5.75E-02	4.54E-02	4.45E-02	4.10E-02	3.00E-02	2.56E-02	2.25E-02	1.74E-02	1.52E-02	1.52E-02	9.66E-03
Receptor_912	373541	3757083	6.60E-02	6.20E-02	5.32E-02	5.01E-02	4.29E-02	3.38E-02	2.37E-02	2.30E-02	1.71E-02	1.66E-02	1.42E-02	9.83E-03
Receptor_913	373541	3757183	1.04E-01	8.75E-02	8.51E-02	7.05E-02	5.55E-02	4.43E-02	2.74E-02	2.57E-02	2.04E-02	1.97E-02	1.62E-02	1.18E-02
Receptor_914	373541	3757283	7.20E-02	6.71E-02	5.78E-02	5.44E-02	4.71E-02	3.83E-02	2.15E-02	2.15E-02	1.68E-02	1.66E-02	1.50E-02	1.13E-02
Receptor_915	373541	3757383	4.28E-02	4.11E-02	3.50E-02	3.34E-02	2.96E-02	2.43E-02	1.59E-02	1.59E-02	1.21E-02	1.19E-02	1.13E-02	8.52E-03
Receptor_916	373541	3757483	3.88E-02	3.73E-02	3.28E-02	3.11E-02	2.71E-02	2.24E-02	1.49E-02	1.44E-02	1.12E-02	1.10E-02	1.03E-02	7.81E-03
Receptor_917	373541	3757583	3.70E-02	3.52E-02	3.14E-02	2.99E-02	2.55E-02	2.12E-02	1.46E-02	1.38E-02	1.10E-02	1.05E-02	9.76E-03	7.42E-03
Receptor_918	373541	3757683	3.63E-02	3.54E-02	3.00E-02	2.90E-02	2.56E-02	2.07E-02	1.58E-02	1.46E-02	1.16E-02	1.07E-02	1.02E-02	7.49E-03
Receptor_919	366900	3759500	3.37E-03	2.91E-03	2.90E-03	2.50E-03	1.87E-03	1.56E-03	5.95E-04	5.90E-04	4.81E-04	4.63E-04	1.87E-04	1.43E-04
Receptor_920	367900	3759500	3.28E-03	2.85E-03	2.76E-03	2.55E-03	2.08E-03	1.76E-03	7.43E-04	6.46E-04	5.79E-04	5.34E-04	2.53E-04	1.94E-04















**Operational Concentrations**  
**3/24/2016**  
**Sulfur Dioxide (SO2)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		Average 1-hr Concentration (µg/m <sup>3</sup> )				Average 3-hr Concentration (µg/m <sup>3</sup> )		Average 24-hr Concentration (µg/m <sup>3</sup> )				Annual Concentration (µg/m <sup>3</sup> )	
	X	Y	2024	2024	2035	2035	2024	2035	2024	2024	2035	2035	2024	2035
			H1H	H4H	H1H	H4H	H2H	H2H	H1H	H2H	H1H	H2H		
Receptor_617	371641	3757083	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.70E+01	1.71E+01	8.42E+00	5.96E+00	8.43E+00	5.98E+00	1.81E+00	1.83E+00
Receptor_618	371641	3757183	6.77E+01	3.99E+01	6.77E+01	4.00E+01	1.71E+01	1.72E+01	8.50E+00	6.13E+00	8.51E+00	6.15E+00	1.92E+00	1.94E+00
Receptor_619	371741	3757083	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.72E+01	1.72E+01	8.54E+00	6.22E+00	8.55E+00	6.24E+00	1.98E+00	2.00E+00
Receptor_620	371741	3757183	6.77E+01	3.99E+01	6.77E+01	3.99E+01	1.70E+01	1.71E+01	8.43E+00	6.10E+00	8.45E+00	6.12E+00	1.91E+00	1.93E+00
Receptor_621	371741	3757283	6.77E+01	3.99E+01	6.77E+01	3.99E+01	1.70E+01	1.70E+01	8.40E+00	6.05E+00	8.41E+00	6.07E+00	1.87E+00	1.89E+00
Receptor_622	371841	3757083	6.73E+01	3.97E+01	6.73E+01	3.97E+01	1.66E+01	1.66E+01	7.76E+00	5.00E+00	7.76E+00	5.02E+00	1.05E+00	1.07E+00
Receptor_623	371841	3757183	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.72E+01	1.72E+01	8.50E+00	6.17E+00	8.51E+00	6.18E+00	1.95E+00	1.96E+00
Receptor_624	371841	3757283	6.76E+01	4.00E+01	6.76E+01	4.00E+01	1.71E+01	1.71E+01	8.42E+00	6.04E+00	8.43E+00	6.06E+00	1.84E+00	1.85E+00
Receptor_625	371900	3753500	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.73E+01	1.74E+01	8.58E+00	6.29E+00	8.61E+00	6.30E+00	2.02E+00	2.03E+00
Receptor_626	371900	3754500	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.74E+01	1.74E+01	8.60E+00	6.31E+00	8.63E+00	6.32E+00	2.03E+00	2.05E+00
Receptor_627	371900	3760500	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.73E+01	1.73E+01	8.58E+00	6.28E+00	8.59E+00	6.30E+00	2.01E+00	2.03E+00
Receptor_628	371900	3761500	6.77E+01	3.99E+01	6.77E+01	3.99E+01	1.71E+01	1.71E+01	8.49E+00	6.14E+00	8.50E+00	6.16E+00	1.93E+00	1.95E+00
Receptor_629	371900	3764500	6.77E+01	3.96E+01	6.77E+01	3.96E+01	1.69E+01	1.69E+01	7.84E+00	5.28E+00	7.85E+00	5.31E+00	1.37E+00	1.41E+00
Receptor_630	371941	3757083	6.76E+01	4.00E+01	6.76E+01	4.00E+01	1.73E+01	1.73E+01	8.48E+00	6.07E+00	8.48E+00	6.08E+00	1.82E+00	1.84E+00
Receptor_631	371941	3757183	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.65E+00	6.33E+00	8.66E+00	6.33E+00	2.01E+00	2.03E+00
Receptor_632	371941	3757283	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.70E+00	6.40E+00	8.72E+00	6.40E+00	2.07E+00	2.09E+00
Receptor_633	371941	3757383	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.69E+00	6.47E+00	8.70E+00	6.48E+00	2.16E+00	2.17E+00
Receptor_634	372041	3757083	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.74E+01	1.74E+01	8.62E+00	6.40E+00	8.63E+00	6.41E+00	2.10E+00	2.12E+00
Receptor_635	372041	3757183	6.77E+01	3.99E+01	6.77E+01	3.99E+01	1.72E+01	1.72E+01	8.48E+00	6.21E+00	8.49E+00	6.22E+00	1.98E+00	1.99E+00
Receptor_636	372041	3757283	6.76E+01	3.97E+01	6.76E+01	3.97E+01	1.69E+01	1.69E+01	8.05E+00	5.59E+00	8.06E+00	5.61E+00	1.56E+00	1.58E+00
Receptor_637	372041	3757383	6.71E+01	3.97E+01	6.71E+01	3.97E+01	1.69E+01	1.69E+01	7.54E+00	4.48E+00	7.54E+00	4.49E+00	6.44E-01	6.63E-01
Receptor_638	372041	3757783	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.73E+01	1.73E+01	8.53E+00	6.04E+00	8.53E+00	6.05E+00	1.84E+00	1.85E+00
Receptor_639	372041	3757883	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.74E+01	1.74E+01	8.61E+00	6.19E+00	8.60E+00	6.20E+00	1.98E+00	1.99E+00
Receptor_640	372041	3757983	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.74E+01	1.74E+01	8.61E+00	6.27E+00	8.61E+00	6.28E+00	2.03E+00	2.04E+00
Receptor_641	372141	3757083	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.73E+01	1.73E+01	8.59E+00	6.28E+00	8.60E+00	6.29E+00	2.04E+00	2.05E+00
Receptor_642	372141	3757183	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.72E+01	1.72E+01	8.51E+00	6.22E+00	8.53E+00	6.24E+00	1.99E+00	2.01E+00
Receptor_643	372141	3757283	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.72E+01	1.72E+01	8.49E+00	6.18E+00	8.50E+00	6.20E+00	1.96E+00	1.98E+00
Receptor_644	372141	3757383	6.77E+01	3.99E+01	6.77E+01	3.99E+01	1.70E+01	1.70E+01	8.36E+00	6.05E+00	8.37E+00	6.07E+00	1.88E+00	1.90E+00
Receptor_645	372141	3757883	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.72E+01	1.72E+01	8.51E+00	6.17E+00	8.51E+00	6.18E+00	1.95E+00	1.96E+00
Receptor_646	372141	3757983	6.76E+01	4.00E+01	6.76E+01	4.00E+01	1.71E+01	1.72E+01	8.46E+00	6.08E+00	8.47E+00	6.09E+00	1.87E+00	1.88E+00
Receptor_647	372241	3757083	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.65E+00	6.36E+00	8.67E+00	6.36E+00	2.06E+00	2.07E+00
Receptor_648	372241	3757183	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.67E+00	6.37E+00	8.69E+00	6.38E+00	2.07E+00	2.09E+00
Receptor_649	372241	3757283	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.74E+01	1.74E+01	8.64E+00	6.34E+00	8.65E+00	6.35E+00	2.06E+00	2.07E+00
Receptor_650	372241	3757483	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.73E+01	1.74E+01	8.59E+00	6.27E+00	8.60E+00	6.29E+00	2.02E+00	2.04E+00
Receptor_651	372241	3757583	6.77E+01	3.99E+01	6.77E+01	3.99E+01	1.70E+01	1.70E+01	8.38E+00	6.04E+00	8.39E+00	6.05E+00	1.86E+00	1.88E+00
Receptor_652	372241	3757683	6.76E+01	4.00E+01	6.76E+01	4.00E+01	1.73E+01	1.73E+01	8.50E+00	6.12E+00	8.49E+00	6.11E+00	1.83E+00	1.84E+00
Receptor_653	372241	3757783	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.66E+00	6.36E+00	8.67E+00	6.36E+00	2.04E+00	2.05E+00
Receptor_654	372341	3757083	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.76E+01	1.76E+01	8.72E+00	6.42E+00	8.72E+00	6.42E+00	2.09E+00	2.11E+00
Receptor_655	372341	3757183	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.76E+01	1.76E+01	8.77E+00	6.57E+00	8.78E+00	6.57E+00	2.20E+00	2.21E+00
Receptor_656	372341	3757283	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.77E+00	6.54E+00	8.77E+00	6.55E+00	2.18E+00	2.19E+00
Receptor_657	372341	3757383	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.75E+00	6.49E+00	8.75E+00	6.50E+00	2.15E+00	2.16E+00
Receptor_658	372341	3757483	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.74E+01	1.74E+01	8.71E+00	6.41E+00	8.71E+00	6.42E+00	2.08E+00	2.09E+00
Receptor_659	372341	3757583	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.74E+01	1.74E+01	8.62E+00	6.28E+00	8.62E+00	6.29E+00	2.04E+00	2.05E+00
Receptor_660	372341	3757683	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.67E+00	6.32E+00	8.67E+00	6.34E+00	2.07E+00	2.08E+00
Receptor_661	372341	3757783	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.72E+00	6.34E+00	8.72E+00	6.35E+00	2.09E+00	2.10E+00
Receptor_662	372441	3757083	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.70E+00	6.37E+00	8.71E+00	6.38E+00	2.11E+00	2.12E+00
Receptor_663	372441	3757183	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.74E+01	1.74E+01	8.69E+00	6.39E+00	8.70E+00	6.40E+00	2.12E+00	2.13E+00
Receptor_664	372441	3757283	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.74E+01	1.74E+01	8.67E+00	6.39E+00	8.68E+00	6.40E+00	2.11E+00	2.12E+00
Receptor_665	372441	3757383	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.73E+01	1.74E+01	8.63E+00	6.38E+00	8.64E+00	6.39E+00	2.11E+00	2.12E+00
Receptor_666	372441	3757483	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.73E+01	1.74E+01	8.63E+00	6.37E+00	8.64E+00	6.38E+00	2.10E+00	2.11E+00
Receptor_667	372441	3757583	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.74E+01	1.74E+01	8.63E+00	6.40E+00	8.64E+00	6.41E+00	2.11E+00	2.12E+00
Receptor_668	372441	3757683	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.67E+00	6.44E+00	8.67E+00	6.44E+00	2.11E+00	2.12E+00
Receptor_669	372441	3757783	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.69E+00	6.45E+00	8.70E+00	6.45E+00	2.12E+00	2.13E+00
Receptor_670	372441	3757883	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.72E+00	6.45E+00	8.73E+00	6.45E+00	2.13E+00	2.14E+00
Receptor_671	372441	3757983	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.72E+00	6.44E+00	8.74E+00	6.45E+00	2.13E+00	2.14E+00
Receptor_672	372541	3757083	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.71E+00	6.41E+00	8.71E+00	6.42E+00	2.12E+00	2.13E+00
Receptor_673	372541	3757183	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.74E+01	1.74E+01	8.68E+00	6.38E+00	8.68E+00	6.39E+00	2.10E+00	2.10E+00
Receptor_674	372541	3757283	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.75E+01	1.75E+01	8.60E+00	6.41E+00	8.60E+00	6.41E+00	2.07E+00	2.09E+00
Receptor_675	372541	3757383	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.76E+01	1.76E+01	8.70E+00	6.49E+00	8.70E+00	6.49E+00	2.12E+00	2.13E+00
Receptor_676	372541	3757483	6.77E+01	4.00E+01	6.77E+01	4.00E+01	1.76E+01	1.76E+01	8.73E+00	6.49E+00	8.73E+00	6.49E+00	2.14E+00	2.15E+00
Receptor_677	372541	3757583	6.75E+01	3.99E+01	6.75E+01	3.9								

Operational Concentrations  
3/24/2016  
Sulfur Dioxide (SO2)

Project Compared to 2014 Baseline

Table with columns: Receptor ID, Meters (X, Y), Average 1-hr Concentration (2024, 2035), Average 3-hr Concentration (2024, 2035), Average 24-hr Concentration (2024, 2035), Annual Concentration (2024, 2035). Rows list receptors from 705 to 792 with associated concentration values.



**Operational Concentrations**  
**3/24/2016**  
**Sulfur Dioxide (SO2)**

**Project Compared to 2014 Baseline**

Receptor ID	Meters		Average 1-hr Concentration (µg/m <sup>3</sup> )				Average 3-hr Concentration (µg/m <sup>3</sup> )		Average 24-hr Concentration (µg/m <sup>3</sup> )				Annual Concentration (µg/m <sup>3</sup> )	
	X	Y	2024	2024	2035	2035	2024	2035	2024	2024	2035	2035	2024	2035
			H1H	H4H	H1H	H4H	H2H	H2H	H1H	H2H				
Receptor_881	375514	3757501	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.87E+00	5.15E+00	7.98E+00	5.38E+00	1.22E+00	1.38E+00
Receptor_882	377395	3759189	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.87E+00	5.15E+00	7.98E+00	5.38E+00	1.21E+00	1.38E+00
Receptor_883	368983	3754582	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.87E+00	5.15E+00	7.98E+00	5.38E+00	1.21E+00	1.38E+00
Receptor_884	369216	3758422	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.87E+00	5.15E+00	7.98E+00	5.38E+00	1.21E+00	1.38E+00
Receptor_885	369533	3755392	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.87E+00	5.14E+00	7.98E+00	5.37E+00	1.21E+00	1.38E+00
Receptor_886	369574	3758166	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.87E+00	5.14E+00	7.98E+00	5.37E+00	1.21E+00	1.38E+00
Receptor_887	369581	3758516	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.86E+00	5.14E+00	7.97E+00	5.37E+00	1.21E+00	1.37E+00
Receptor_888	369830	3755395	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.86E+00	5.13E+00	7.97E+00	5.37E+00	1.21E+00	1.37E+00
Receptor_889	370114	3758187	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.86E+00	5.13E+00	7.97E+00	5.36E+00	1.20E+00	1.37E+00
Receptor_890	371022	3757821	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.86E+00	5.12E+00	7.97E+00	5.36E+00	1.20E+00	1.37E+00
Receptor_891	371641	3756983	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.86E+00	5.12E+00	7.97E+00	5.36E+00	1.20E+00	1.37E+00
Receptor_892	371741	3756983	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.85E+00	5.11E+00	7.97E+00	5.35E+00	1.20E+00	1.37E+00
Receptor_893	371841	3756983	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.85E+00	5.11E+00	7.97E+00	5.35E+00	1.20E+00	1.37E+00
Receptor_894	371941	3756983	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.85E+00	5.11E+00	7.97E+00	5.35E+00	1.20E+00	1.37E+00
Receptor_895	371941	3757683	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.84E+00	5.10E+00	7.96E+00	5.34E+00	1.20E+00	1.37E+00
Receptor_896	372041	3756983	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.84E+00	5.10E+00	7.96E+00	5.34E+00	1.20E+00	1.37E+00
Receptor_897	372141	3756983	6.77E+01	3.98E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.84E+00	5.10E+00	7.96E+00	5.34E+00	1.20E+00	1.37E+00
Receptor_898	372241	3756983	6.77E+01	3.97E+01	6.77E+01	3.98E+01	1.69E+01	1.69E+01	7.76E+00	4.97E+00	7.89E+00	5.22E+00	1.12E+00	1.30E+00
Receptor_899	372341	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.73E+00	4.94E+00	7.86E+00	5.19E+00	1.09E+00	1.27E+00
Receptor_900	372441	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.68E+00	4.89E+00	7.83E+00	5.14E+00	1.06E+00	1.23E+00
Receptor_901	372541	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.57E+00	4.72E+00	7.74E+00	4.97E+00	9.85E-01	1.17E+00
Receptor_902	372641	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.57E+00	4.72E+00	7.74E+00	4.97E+00	9.85E-01	1.17E+00
Receptor_903	373241	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.57E+00	4.72E+00	7.74E+00	4.97E+00	9.85E-01	1.17E+00
Receptor_904	373341	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.57E+00	4.71E+00	7.74E+00	4.96E+00	9.79E-01	1.16E+00
Receptor_905	373441	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.39E+00	4.57E+00	7.59E+00	4.76E+00	8.10E-01	1.02E+00
Receptor_906	373441	3757583	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.37E+00	4.55E+00	7.57E+00	4.73E+00	7.93E-01	9.96E-01
Receptor_907	373441	3757683	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.35E+00	4.53E+00	7.56E+00	4.71E+00	7.83E-01	9.85E-01
Receptor_908	373441	3757783	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.35E+00	4.54E+00	7.56E+00	4.71E+00	7.87E-01	9.87E-01
Receptor_909	373441	3757883	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.35E+00	4.54E+00	7.56E+00	4.71E+00	7.93E-01	9.90E-01
Receptor_910	373441	3757983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.36E+00	4.55E+00	7.57E+00	4.71E+00	8.04E-01	9.97E-01
Receptor_911	373541	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.36E+00	4.56E+00	7.57E+00	4.72E+00	8.12E-01	1.00E+00
Receptor_912	373541	3757083	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.36E+00	4.56E+00	7.56E+00	4.70E+00	8.09E-01	9.95E-01
Receptor_913	373541	3757183	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.35E+00	4.55E+00	7.55E+00	4.69E+00	8.00E-01	9.84E-01
Receptor_914	373541	3757283	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.33E+00	4.54E+00	7.54E+00	4.66E+00	7.85E-01	9.68E-01
Receptor_915	373541	3757383	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.41E+00	4.60E+00	7.61E+00	4.77E+00	8.68E-01	1.04E+00
Receptor_916	373541	3757483	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.41E+00	4.60E+00	7.61E+00	4.77E+00	8.70E-01	1.05E+00
Receptor_917	373541	3757583	6.77E+01	3.95E+01	6.77E+01	3.95E+01	1.68E+01	1.68E+01	7.04E+00	4.32E+00	7.24E+00	4.41E+00	5.32E-01	6.85E-01
Receptor_918	373541	3757683	6.77E+01	3.94E+01	6.77E+01	3.94E+01	1.67E+01	1.67E+01	6.84E+00	4.17E+00	7.02E+00	4.26E+00	3.50E-01	4.94E-01
Receptor_919	366900	3759500	6.75E+01	3.93E+01	6.75E+01	3.93E+01	1.66E+01	1.66E+01	6.33E+00	3.61E+00	6.41E+00	3.59E+00	-2.28E-01	-1.74E-01
Receptor_920	367900	3759500	6.75E+01	3.93E+01	6.75E+01	3.92E+01	1.66E+01	1.66E+01	6.31E+00	3.58E+00	6.37E+00	3.55E+00	-2.50E-01	-2.05E-01





















**Operational Concentrations**  
**3/24/2016**  
**Sulfur Dioxide (SO2)**

**No Project Compared to 2014 Baseline**

Receptor ID	Meters		Average 1-hr Concentration (µg/m <sup>3</sup> )				Average 3-hr Concentration (µg/m <sup>3</sup> )		Average 24-hr Concentration (µg/m <sup>3</sup> )				Annual Concentration (µg/m <sup>3</sup> )	
	X	Y	2024	2024	2035	2035	2024	2035	2024	2024	2035	2035	2024	2035
			H1H	H4H	H1H	H4H	H2H	H2H	H1H	H2H	H1H	H2H		
Receptor_881	375514	3757501	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.70E+00	4.87E+00	7.70E+00	4.89E+00	1.00E+00	1.02E+00
Receptor_882	377395	3759189	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.70E+00	4.87E+00	7.70E+00	4.89E+00	1.00E+00	1.02E+00
Receptor_883	368983	3754582	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.70E+00	4.87E+00	7.70E+00	4.89E+00	1.00E+00	1.02E+00
Receptor_884	369216	3758422	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.70E+00	4.87E+00	7.70E+00	4.88E+00	1.00E+00	1.02E+00
Receptor_885	369533	3755392	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.70E+00	4.87E+00	7.70E+00	4.88E+00	9.98E-01	1.01E+00
Receptor_886	369574	3758166	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.70E+00	4.86E+00	7.70E+00	4.88E+00	9.96E-01	1.01E+00
Receptor_887	369581	3758516	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.70E+00	4.86E+00	7.70E+00	4.87E+00	9.95E-01	1.01E+00
Receptor_888	369830	3755395	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.69E+00	4.85E+00	7.69E+00	4.87E+00	9.94E-01	1.01E+00
Receptor_889	370114	3758187	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.69E+00	4.85E+00	7.69E+00	4.86E+00	9.92E-01	1.01E+00
Receptor_890	371022	3757821	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.69E+00	4.84E+00	7.69E+00	4.86E+00	9.91E-01	1.01E+00
Receptor_891	371641	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.69E+00	4.84E+00	7.69E+00	4.85E+00	9.91E-01	1.01E+00
Receptor_892	371741	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.68E+00	4.83E+00	7.68E+00	4.85E+00	9.89E-01	1.01E+00
Receptor_893	371841	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.68E+00	4.83E+00	7.68E+00	4.84E+00	9.89E-01	1.01E+00
Receptor_894	371941	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.68E+00	4.83E+00	7.68E+00	4.84E+00	9.88E-01	1.00E+00
Receptor_895	371941	3757683	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.67E+00	4.82E+00	7.68E+00	4.83E+00	9.87E-01	1.00E+00
Receptor_896	372041	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.67E+00	4.82E+00	7.67E+00	4.83E+00	9.87E-01	1.00E+00
Receptor_897	372141	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.67E+00	4.81E+00	7.67E+00	4.83E+00	9.86E-01	1.00E+00
Receptor_898	372241	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.59E+00	4.70E+00	7.59E+00	4.71E+00	9.17E-01	9.33E-01
Receptor_899	372341	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.56E+00	4.68E+00	7.56E+00	4.69E+00	8.92E-01	9.08E-01
Receptor_900	372441	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.51E+00	4.63E+00	7.51E+00	4.64E+00	8.58E-01	8.74E-01
Receptor_901	372541	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.39E+00	4.54E+00	7.39E+00	4.54E+00	7.84E-01	7.99E-01
Receptor_902	372641	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.39E+00	4.54E+00	7.39E+00	4.54E+00	7.83E-01	7.99E-01
Receptor_903	373241	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.39E+00	4.54E+00	7.39E+00	4.54E+00	7.84E-01	7.99E-01
Receptor_904	373341	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.39E+00	4.53E+00	7.38E+00	4.53E+00	7.77E-01	7.92E-01
Receptor_905	373441	3756983	6.77E+01	3.97E+01	6.77E+01	3.96E+01	1.69E+01	1.69E+01	7.20E+00	4.38E+00	7.19E+00	4.38E+00	5.94E-01	6.10E-01
Receptor_906	373441	3757583	6.77E+01	3.96E+01	6.77E+01	3.96E+01	1.69E+01	1.69E+01	7.17E+00	4.37E+00	7.16E+00	4.36E+00	5.77E-01	5.93E-01
Receptor_907	373441	3757683	6.77E+01	3.97E+01	6.77E+01	3.96E+01	1.69E+01	1.69E+01	7.16E+00	4.35E+00	7.15E+00	4.34E+00	5.66E-01	5.81E-01
Receptor_908	373441	3757783	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.16E+00	4.36E+00	7.14E+00	4.35E+00	5.70E-01	5.85E-01
Receptor_909	373441	3757883	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.16E+00	4.37E+00	7.15E+00	4.36E+00	5.76E-01	5.91E-01
Receptor_910	373441	3757983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.16E+00	4.38E+00	7.15E+00	4.37E+00	5.88E-01	6.02E-01
Receptor_911	373541	3756983	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.17E+00	4.39E+00	7.16E+00	4.38E+00	5.97E-01	6.10E-01
Receptor_912	373541	3757083	6.77E+01	3.97E+01	6.77E+01	3.96E+01	1.69E+01	1.69E+01	7.16E+00	4.38E+00	7.15E+00	4.38E+00	5.94E-01	6.07E-01
Receptor_913	373541	3757183	6.77E+01	3.96E+01	6.77E+01	3.96E+01	1.69E+01	1.69E+01	7.14E+00	4.38E+00	7.13E+00	4.37E+00	5.85E-01	5.97E-01
Receptor_914	373541	3757283	6.77E+01	3.96E+01	6.77E+01	3.96E+01	1.69E+01	1.69E+01	7.13E+00	4.36E+00	7.11E+00	4.36E+00	5.68E-01	5.81E-01
Receptor_915	373541	3757383	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.21E+00	4.43E+00	7.21E+00	4.43E+00	6.59E-01	6.72E-01
Receptor_916	373541	3757483	6.77E+01	3.97E+01	6.77E+01	3.97E+01	1.69E+01	1.69E+01	7.22E+00	4.43E+00	7.21E+00	4.43E+00	6.62E-01	6.75E-01
Receptor_917	373541	3757583	6.77E+01	3.96E+01	6.77E+01	3.95E+01	1.67E+01	1.67E+01	6.82E+00	4.15E+00	6.80E+00	4.15E+00	3.09E-01	3.15E-01
Receptor_918	373541	3757683	6.77E+01	3.94E+01	6.77E+01	3.94E+01	1.67E+01	1.66E+01	6.61E+00	4.00E+00	6.58E+00	4.00E+00	1.23E-01	1.27E-01
Receptor_919	366900	3759500	6.75E+01	3.93E+01	6.75E+01	3.92E+01	1.66E+01	1.66E+01	6.03E+00	3.40E+00	5.86E+00	3.37E+00	-5.28E-01	-6.39E-01
Receptor_920	367900	3759500	6.75E+01	3.93E+01	6.75E+01	3.92E+01	1.66E+01	1.66E+01	6.01E+00	3.39E+00	5.82E+00	3.36E+00	-5.53E-01	-6.73E-01

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# Attachment F.5

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## Operation Concentrations– Criteria Pollutants

- Proposed Project Summary



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## Attachment F.6

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### Operation Concentrations– Toxic Air Contaminants

- Proposed Project 2024 PM10 Inputs
- Proposed Project 2035 PM10 Inputs

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## Attachment F.6

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### Operation Concentrations– Toxic Air Contaminants

- Proposed Project 2024 PM10 Inputs

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y	2024 Operations		UTM X	UTM Y	2024 Operations		UTM X	UTM Y	2024 Operations	
369131.40	3758945.42	1.63E-05		369131.40	3758945.42	7.42E-04		369131.40	3758945.42	9.19E-07	
370190.78	3758848.26	2.67E-05		370190.78	3758848.26	1.35E-03		370190.78	3758848.26	1.25E-06	
370747.03	3763937.58	2.68E-06		370747.03	3763937.58	1.66E-04		370747.03	3763937.58	2.46E-07	
370757.72	3755124.52	9.38E-06		370757.72	3755124.52	6.40E-04		370757.72	3755124.52	1.40E-06	
370946.70	3758260.69	7.60E-05		370946.70	3758260.69	3.52E-03		370946.70	3758260.69	2.95E-06	
371368.79	3754218.82	1.44E-05		371368.79	3754218.82	8.09E-04		371368.79	3754218.82	8.52E-07	
371786.04	3754168.42	1.53E-05		371786.04	3754168.42	8.67E-04		371786.04	3754168.42	9.62E-07	
373756.25	3761779.11	3.20E-06		373756.25	3761779.11	2.06E-04		373756.25	3761779.11	2.51E-07	
367734.03	3758536.57	1.44E-05		367734.03	3758536.57	5.86E-04		367734.03	3758536.57	8.97E-07	
368069.11	3760165.13	8.44E-06		368069.11	3760165.13	3.35E-04		368069.11	3760165.13	5.60E-07	
369125.38	3763066.25	3.06E-06		369125.38	3763066.25	1.76E-04		369125.38	3763066.25	2.78E-07	
369225.45	3764227.42	2.34E-06		369225.45	3764227.42	1.42E-04		369225.45	3764227.42	2.14E-07	
370236.75	3761140.30	3.18E-06		370236.75	3761140.30	1.44E-04		370236.75	3761140.30	6.14E-07	
372218.41	3759157.53	1.74E-05		372218.41	3759157.53	1.35E-03		372218.41	3759157.53	1.62E-06	
372267.44	3762986.25	1.43E-06		372267.44	3762986.25	9.93E-05		372267.44	3762986.25	1.61E-07	
374498.14	3758643.27	3.93E-05		374498.14	3758643.27	2.00E-03		374498.14	3758643.27	2.23E-06	
375472.61	3759680.03	1.61E-05		375472.61	3759680.03	8.86E-04		375472.61	3759680.03	9.48E-07	
375514.38	3757500.61	3.44E-05		375514.38	3757500.61	1.78E-03		375514.38	3757500.61	2.02E-06	
377395.41	3759189.37	2.20E-05		377395.41	3759189.37	1.06E-03		377395.41	3759189.37	1.10E-06	
366363.62	3757753.10	9.89E-06		366363.62	3757753.10	4.86E-04		366363.62	3757753.10	5.22E-07	
369385.71	3758351.85	2.67E-05		369385.71	3758351.85	1.33E-03		369385.71	3758351.85	1.34E-06	
369388.19	3758584.61	2.28E-05		369388.19	3758584.61	1.13E-03		369388.19	3758584.61	1.16E-06	
371727.30	3758286.14	7.83E-05		371727.30	3758286.14	4.20E-03		371727.30	3758286.14	4.02E-06	
371973.18	3757657.97	2.75E-04		371973.18	3757657.97	1.33E-02		371973.18	3757657.97	1.30E-05	
372028.99	3757658.28	2.76E-04		372028.99	3757658.28	1.34E-02		372028.99	3757658.28	1.34E-05	
372057.72	3757303.44	6.68E-04		372057.72	3757303.44	3.50E-02		372057.72	3757303.44	2.72E-05	
372058.94	3757365.68	6.39E-04		372058.94	3757365.68	3.32E-02		372058.94	3757365.68	2.60E-05	
372114.76	3757419.38	5.48E-04		372114.76	3757419.38	2.84E-02		372114.76	3757419.38	2.46E-05	
372149.51	3757302.81	5.65E-04		372149.51	3757302.81	2.97E-02		372149.51	3757302.81	2.87E-05	
366675.72	3757743.67	1.10E-05		366675.72	3757743.67	5.34E-04		366675.72	3757743.67	5.84E-07	
367105.41	3757963.83	1.28E-05		367105.41	3757963.83	6.08E-04		367105.41	3757963.83	7.88E-07	
367221.30	3757911.68	1.29E-05		367221.30	3757911.68	6.06E-04		367221.30	3757911.68	6.82E-07	
367346.43	3757955.57	1.34E-05		367346.43	3757955.57	6.22E-04		367346.43	3757955.57	7.09E-07	
367457.41	3758010.28	1.37E-05		367457.41	3758010.28	6.33E-04		367457.41	3758010.28	7.30E-07	
367730.93	3758222.91	1.56E-05		367730.93	3758222.91	7.13E-04		367730.93	3758222.91	9.35E-07	
367995.30	3758074.68	1.98E-05		367995.30	3758074.68	9.52E-04		367995.30	3758074.68	1.07E-06	
369154.15	3758166.98	2.95E-05		369154.15	3758166.98	1.51E-03		369154.15	3758166.98	1.42E-06	
369214.54	3758209.64	2.94E-05		369214.54	3758209.64	1.51E-03		369214.54	3758209.64	1.39E-06	
369279.67	3758015.34	3.87E-05		369279.67	3758015.34	2.11E-03		369279.67	3758015.34	1.66E-06	
369788.09	3758340.35	3.48E-05		369788.09	3758340.35	1.69E-03		369788.09	3758340.35	1.58E-06	
369790.55	3758580.31	2.86E-05		369790.55	3758580.31	1.42E-03		369790.55	3758580.31	1.32E-06	
371537.21	3756959.02	8.85E-04		371537.21	3756959.02	5.45E-02		371537.21	3756959.02	2.69E-05	
371736.26	3757371.88	9.50E-04		371736.26	3757371.88	4.71E-02		371736.26	3757371.88	3.52E-05	
371795.72	3757393.54	8.45E-04		371795.72	3757393.54	4.31E-02		371795.72	3757393.54	2.99E-05	
371925.67	3757658.96	2.75E-04		371925.67	3757658.96	1.32E-02		371925.67	3757658.96	1.27E-05	
367720.95	3757929.47	1.54E-05		367720.95	3757929.47	7.27E-04		367720.95	3757929.47	7.94E-07	
366410.42	3757645.39	1.02E-05		366410.42	3757645.39	5.02E-04		366410.42	3757645.39	5.33E-07	
366412.06	3757743.84	1.01E-05		366412.06	3757743.84	4.95E-04		366412.06	3757743.84	5.31E-07	
366449.10	3757556.84	1.04E-05		366449.10	3757556.84	5.15E-04		366449.10	3757556.84	5.42E-07	
366471.13	3757711.22	1.03E-05		366471.13	3757711.22	5.08E-04		366471.13	3757711.22	5.43E-07	
366487.79	3757468.29	1.06E-05		366487.79	3757468.29	5.28E-04		366487.79	3757468.29	5.51E-07	
366526.47	3757379.74	1.08E-05		366526.47	3757379.74	5.42E-04		366526.47	3757379.74	5.60E-07	
366543.32	3757684.41	1.07E-05		366543.32	3757684.41	5.19E-04		366543.32	3757684.41	5.65E-07	
366565.16	3757291.19	1.10E-05		366565.16	3757291.19	5.55E-04		366565.16	3757291.19	5.67E-07	
366572.51	3757755.35	1.21E-05		366572.51	3757755.35	5.98E-04		366572.51	3757755.35	7.23E-07	
366603.85	3757202.64	1.12E-05		366603.85	3757202.64	5.67E-04		366603.85	3757202.64	5.74E-07	
366629.35	3757738.18	1.28E-05		366629.35	3757738.18	6.36E-04		366629.35	3757738.18	7.46E-07	
366642.53	3757114.09	1.13E-05		366642.53	3757114.09	5.78E-04		366642.53	3757114.09	5.80E-07	
366681.22	3757025.54	1.14E-05		366681.22	3757025.54	5.85E-04		366681.22	3757025.54	5.85E-07	
366700.77	3757739.37	1.12E-05		366700.77	3757739.37	5.40E-04		366700.77	3757739.37	5.90E-07	
366719.91	3756936.99	1.14E-05		366719.91	3756936.99	5.90E-04		366719.91	3756936.99	5.88E-07	
366758.59	3756848.44	1.15E-05		366758.59	3756848.44	5.93E-04		366758.59	3756848.44	5.90E-07	
366780.64	3757782.90	1.14E-05		366780.64	3757782.90	5.50E-04		366780.64	3757782.90	6.01E-07	

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y	2024 Operations		UTM X	UTM Y	2024 Operations		UTM X	UTM Y	2024 Operations	
366797.28	3756759.89	1.15E-05		366797.28	3756759.89	5.96E-04		366797.28	3756759.89	5.91E-07	
366835.96	3756671.34	1.15E-05		366835.96	3756671.34	5.98E-04		366835.96	3756671.34	5.91E-07	
366869.69	3757831.79	1.16E-05		366869.69	3757831.79	5.58E-04		366869.69	3757831.79	6.07E-07	
366874.65	3756582.79	1.14E-05		366874.65	3756582.79	5.98E-04		366874.65	3756582.79	5.90E-07	
366900.00	3756500.00	1.12E-05		366900.00	3756500.00	5.88E-04		366900.00	3756500.00	5.84E-07	
366913.34	3756494.23	1.13E-05		366913.34	3756494.23	5.92E-04		366913.34	3756494.23	5.88E-07	
366921.75	3757860.58	1.17E-05		366921.75	3757860.58	5.62E-04		366921.75	3757860.58	6.15E-07	
366952.02	3756405.68	1.11E-05		366952.02	3756405.68	5.82E-04		366952.02	3756405.68	5.86E-07	
366982.97	3757895.00	1.19E-05		366982.97	3757895.00	5.66E-04		366982.97	3757895.00	6.35E-07	
366990.71	3756317.13	1.10E-05		366990.71	3756317.13	5.70E-04		366990.71	3756317.13	5.83E-07	
367029.39	3756228.58	1.09E-05		367029.39	3756228.58	5.59E-04		367029.39	3756228.58	5.79E-07	
367044.19	3757929.41	1.24E-05		367044.19	3757929.41	5.90E-04		367044.19	3757929.41	7.67E-07	
367068.08	3756140.03	1.08E-05		367068.08	3756140.03	5.53E-04		367068.08	3756140.03	5.76E-07	
367106.77	3756051.48	1.07E-05		367106.77	3756051.48	5.52E-04		367106.77	3756051.48	5.73E-07	
367145.45	3755962.93	1.07E-05		367145.45	3755962.93	5.53E-04		367145.45	3755962.93	5.68E-07	
367163.35	3757937.75	1.44E-05		367163.35	3757937.75	6.94E-04		367163.35	3757937.75	8.44E-07	
367184.14	3755874.38	1.07E-05		367184.14	3755874.38	5.56E-04		367184.14	3755874.38	5.65E-07	
367222.83	3755785.83	1.06E-05		367222.83	3755785.83	5.56E-04		367222.83	3755785.83	5.62E-07	
367261.51	3755697.28	1.05E-05		367261.51	3755697.28	5.53E-04		367261.51	3755697.28	5.59E-07	
367284.84	3757912.25	1.32E-05		367284.84	3757912.25	6.20E-04		367284.84	3757912.25	6.98E-07	
367300.20	3755608.73	1.04E-05		367300.20	3755608.73	5.46E-04		367300.20	3755608.73	5.56E-07	
367338.88	3755520.18	1.03E-05		367338.88	3755520.18	5.39E-04		367338.88	3755520.18	5.52E-07	
367348.39	3757912.82	1.35E-05		367348.39	3757912.82	6.34E-04		367348.39	3757912.82	7.70E-07	
367377.57	3755431.63	1.01E-05		367377.57	3755431.63	5.32E-04		367377.57	3755431.63	5.49E-07	
367401.92	3757982.92	1.35E-05		367401.92	3757982.92	6.29E-04		367401.92	3757982.92	7.18E-07	
367464.88	3755430.72	1.05E-05		367464.88	3755430.72	5.48E-04		367464.88	3755430.72	5.65E-07	
367498.60	3757937.52	1.42E-05		367498.60	3757937.52	6.64E-04		367498.60	3757937.52	7.43E-07	
367539.80	3757864.76	1.47E-05		367539.80	3757864.76	6.96E-04		367539.80	3757864.76	7.58E-07	
367552.20	3755429.80	1.08E-05		367552.20	3755429.80	5.63E-04		367552.20	3755429.80	5.80E-07	
367596.95	3757879.64	1.50E-05		367596.95	3757879.64	7.09E-04		367596.95	3757879.64	7.70E-07	
367628.79	3757855.59	1.52E-05		367628.79	3757855.59	7.24E-04		367628.79	3757855.59	7.79E-07	
367639.51	3755428.89	1.11E-05		367639.51	3755428.89	5.79E-04		367639.51	3755428.89	5.97E-07	
367696.39	3757845.44	1.57E-05		367696.39	3757845.44	7.47E-04		367696.39	3757845.44	7.98E-07	
367700.81	3758169.46	1.49E-05		367700.81	3758169.46	6.86E-04		367700.81	3758169.46	9.09E-07	
367707.57	3757896.37	1.55E-05		367707.57	3757896.37	7.34E-04		367707.57	3757896.37	7.94E-07	
367726.83	3755427.97	1.14E-05		367726.83	3755427.97	5.95E-04		367726.83	3755427.97	6.13E-07	
367734.79	3758105.67	1.54E-05		367734.79	3758105.67	7.24E-04		367734.79	3758105.67	9.23E-07	
367743.72	3758010.21	1.58E-05		367743.72	3758010.21	7.50E-04		367743.72	3758010.21	9.38E-07	
367785.33	3758200.53	1.61E-05		367785.33	3758200.53	7.50E-04		367785.33	3758200.53	9.52E-07	
367814.14	3755427.06	1.18E-05		367814.14	3755427.06	6.13E-04		367814.14	3755427.06	6.28E-07	
367830.31	3758150.13	1.57E-05		367830.31	3758150.13	7.32E-04		367830.31	3758150.13	9.37E-07	
367839.73	3758178.15	1.65E-05		367839.73	3758178.15	7.74E-04		367839.73	3758178.15	9.69E-07	
367874.18	3755433.41	1.20E-05		367874.18	3755433.41	6.28E-04		367874.18	3755433.41	6.46E-07	
367912.80	3758112.41	1.80E-05		367912.80	3758112.41	8.53E-04		367912.80	3758112.41	1.02E-06	
367934.21	3755439.76	1.23E-05		367934.21	3755439.76	6.40E-04		367934.21	3755439.76	6.55E-07	
368001.74	3755450.16	1.26E-05		368001.74	3755450.16	6.57E-04		368001.74	3755450.16	6.71E-07	
368067.33	3758044.68	1.99E-05		368067.33	3758044.68	9.59E-04		368067.33	3758044.68	1.10E-06	
368069.28	3755460.56	1.30E-05		368069.28	3755460.56	6.77E-04		368069.28	3755460.56	6.92E-07	
368136.81	3755470.96	1.34E-05		368136.81	3755470.96	7.00E-04		368136.81	3755470.96	7.68E-07	
368139.37	3758014.68	1.85E-05		368139.37	3758014.68	8.83E-04		368139.37	3758014.68	1.07E-06	
368217.94	3755478.99	1.38E-05		368217.94	3755478.99	7.20E-04		368217.94	3755478.99	7.30E-07	
368226.20	3757984.68	2.17E-05		368226.20	3757984.68	1.05E-03		368226.20	3757984.68	1.17E-06	
368310.20	3755477.83	1.43E-05		368310.20	3755477.83	7.44E-04		368310.20	3755477.83	7.48E-07	
368312.17	3757967.29	2.45E-05		368312.17	3757967.29	1.21E-03		368312.17	3757967.29	1.24E-06	
368386.06	3757966.42	2.54E-05		368386.06	3757966.42	1.26E-03		368386.06	3757966.42	1.27E-06	
368402.45	3755476.67	1.48E-05		368402.45	3755476.67	7.73E-04		368402.45	3755476.67	7.72E-07	
368459.96	3757965.55	2.42E-05		368459.96	3757965.55	1.18E-03		368459.96	3757965.55	1.28E-06	
368494.71	3755475.51	1.54E-05		368494.71	3755475.51	8.06E-04		368494.71	3755475.51	7.98E-07	
368533.85	3757964.68	2.26E-05		368533.85	3757964.68	1.09E-03		368533.85	3757964.68	1.24E-06	
368533.98	3757935.39	2.27E-05		368533.98	3757935.39	1.10E-03		368533.98	3757935.39	1.25E-06	
368586.97	3755474.35	1.60E-05		368586.97	3755474.35	8.41E-04		368586.97	3755474.35	8.25E-07	
368594.27	3757948.47	2.35E-05		368594.27	3757948.47	1.14E-03		368594.27	3757948.47	1.28E-06	
368657.87	3757978.44	2.42E-05		368657.87	3757978.44	1.18E-03		368657.87	3757978.44	1.32E-06	

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y		2024 Operations	UTM X	UTM Y		2024 Operations	UTM X	UTM Y		2024 Operations
368679.22	3755473.19		1.67E-05	368679.22	3755473.19		8.79E-04	368679.22	3755473.19		8.52E-07
368710.99	3758011.46		2.54E-05	368710.99	3758011.46		1.24E-03	368710.99	3758011.46		1.35E-06
368748.06	3758034.51		2.58E-05	368748.06	3758034.51		1.26E-03	368748.06	3758034.51		1.36E-06
368771.48	3755472.04		1.73E-05	368771.48	3755472.04		9.19E-04	368771.48	3755472.04		8.87E-07
368806.72	3758070.98		2.65E-05	368806.72	3758070.98		1.29E-03	368806.72	3758070.98		1.38E-06
368863.73	3755470.88		1.80E-05	368863.73	3755470.88		9.57E-04	368863.73	3755470.88		9.16E-07
368865.39	3758107.46		2.61E-05	368865.39	3758107.46		1.27E-03	368865.39	3758107.46		1.37E-06
368931.37	3758150.49		2.56E-05	368931.37	3758150.49		1.24E-03	368931.37	3758150.49		1.35E-06
368955.99	3755469.72		1.87E-05	368955.99	3755469.72		9.95E-04	368955.99	3755469.72		9.50E-07
368974.29	3758177.61		2.55E-05	368974.29	3758177.61		1.23E-03	368974.29	3758177.61		1.34E-06
368992.63	3758138.09		2.65E-05	368992.63	3758138.09		1.30E-03	368992.63	3758138.09		1.38E-06
369011.06	3758086.77		2.82E-05	369011.06	3758086.77		1.39E-03	369011.06	3758086.77		1.44E-06
369048.25	3755468.56		1.93E-05	369048.25	3755468.56		1.03E-03	369048.25	3755468.56		9.82E-07
369097.31	3758131.13		2.90E-05	369097.31	3758131.13		1.46E-03	369097.31	3758131.13		1.44E-06
369140.50	3755467.40		2.00E-05	369140.50	3755467.40		1.07E-03	369140.50	3755467.40		1.02E-06
369216.91	3758091.16		4.11E-05	369216.91	3758091.16		2.44E-03	369216.91	3758091.16		1.54E-06
369232.76	3755466.24		2.06E-05	369232.76	3755466.24		1.10E-03	369232.76	3755466.24		1.05E-06
369267.76	3758146.04		4.12E-05	369267.76	3758146.04		2.49E-03	369267.76	3758146.04		1.47E-06
369271.60	3758257.04		2.85E-05	369271.60	3758257.04		1.45E-03	369271.60	3758257.04		1.38E-06
369323.20	3758086.63		7.81E-05	369323.20	3758086.63		5.23E-03	369323.20	3758086.63		1.56E-06
369328.65	3758304.45		2.73E-05	369328.65	3758304.45		1.37E-03	369328.65	3758304.45		1.36E-06
369329.84	3755464.79		2.13E-05	369329.84	3755464.79		1.14E-03	369329.84	3755464.79		1.09E-06
369342.43	3757939.52		3.58E-05	369342.43	3757939.52		1.79E-03	369342.43	3757939.52		1.74E-06
369386.54	3758429.44		2.52E-05	369386.54	3758429.44		1.25E-03	369386.54	3758429.44		1.28E-06
369387.36	3758507.02		2.39E-05	369387.36	3758507.02		1.18E-03	369387.36	3758507.02		1.22E-06
369409.11	3758008.60		3.57E-05	369409.11	3758008.60		1.79E-03	369409.11	3758008.60		1.70E-06
369426.92	3755463.35		2.19E-05	369426.92	3755463.35		1.17E-03	369426.92	3755463.35		1.14E-06
369468.66	3758583.75		2.34E-05	369468.66	3758583.75		1.16E-03	369468.66	3758583.75		1.18E-06
369524.00	3755461.90		2.26E-05	369524.00	3755461.90		1.21E-03	369524.00	3755461.90		1.18E-06
369549.13	3758582.89		2.48E-05	369549.13	3758582.89		1.22E-03	369549.13	3758582.89		1.22E-06
369621.08	3755460.45		2.33E-05	369621.08	3755460.45		1.25E-03	369621.08	3755460.45		1.22E-06
369629.61	3758582.03		2.58E-05	369629.61	3758582.03		1.27E-03	369629.61	3758582.03		1.24E-06
369710.08	3758581.17		2.74E-05	369710.08	3758581.17		1.35E-03	369710.08	3758581.17		1.28E-06
369718.16	3755459.00		2.40E-05	369718.16	3755459.00		1.29E-03	369718.16	3755459.00		1.27E-06
369787.02	3758286.68		3.60E-05	369787.02	3758286.68		1.75E-03	369787.02	3758286.68		1.64E-06
369788.19	3758398.38		3.38E-05	369788.19	3758398.38		1.65E-03	369788.19	3758398.38		1.53E-06
369789.37	3758489.35		3.15E-05	369789.37	3758489.35		1.54E-03	369789.37	3758489.35		1.43E-06
369815.24	3755457.56		2.46E-05	369815.24	3755457.56		1.34E-03	369815.24	3755457.56		1.31E-06
369882.84	3758285.07		3.92E-05	369882.84	3758285.07		1.89E-03	369882.84	3758285.07		1.77E-06
369912.32	3755456.11		2.52E-05	369912.32	3755456.11		1.38E-03	369912.32	3755456.11		1.36E-06
369978.66	3758283.45		4.08E-05	369978.66	3758283.45		1.96E-03	369978.66	3758283.45		1.79E-06
370009.40	3755454.66		2.57E-05	370009.40	3755454.66		1.41E-03	370009.40	3755454.66		1.41E-06
370056.44	3758282.14		4.24E-05	370056.44	3758282.14		2.04E-03	370056.44	3758282.14		1.84E-06
370106.48	3755453.21		2.59E-05	370106.48	3755453.21		1.43E-03	370106.48	3755453.21		1.46E-06
370130.90	3758282.44		4.42E-05	370130.90	3758282.44		2.12E-03	370130.90	3758282.44		1.89E-06
370203.56	3755451.77		2.57E-05	370203.56	3755451.77		1.44E-03	370203.56	3755451.77		1.51E-06
370226.81	3758159.47		5.58E-05	370226.81	3758159.47		2.59E-03	370226.81	3758159.47		2.39E-06
370227.55	3758221.46		5.27E-05	370227.55	3758221.46		2.47E-03	370227.55	3758221.46		2.27E-06
370228.30	3758283.44		4.98E-05	370228.30	3758283.44		2.35E-03	370228.30	3758283.44		2.15E-06
370253.14	3758168.84		5.66E-05	370253.14	3758168.84		2.62E-03	370253.14	3758168.84		2.38E-06
370300.64	3755450.32		2.54E-05	370300.64	3755450.32		1.43E-03	370300.64	3755450.32		1.65E-06
370308.97	3758176.51		5.88E-05	370308.97	3758176.51		2.71E-03	370308.97	3758176.51		2.45E-06
370356.87	3758202.23		5.94E-05	370356.87	3758202.23		2.74E-03	370356.87	3758202.23		2.48E-06
370397.72	3755448.87		2.43E-05	370397.72	3755448.87		1.39E-03	370397.72	3755448.87		1.63E-06
370404.21	3758225.88		6.00E-05	370404.21	3758225.88		2.76E-03	370404.21	3758225.88		2.51E-06
370422.64	3758284.19		5.69E-05	370422.64	3758284.19		2.65E-03	370422.64	3758284.19		2.41E-06
370442.78	3758228.43		6.14E-05	370442.78	3758228.43		2.83E-03	370442.78	3758228.43		2.57E-06
370465.02	3755455.18		2.35E-05	370465.02	3755455.18		1.36E-03	370465.02	3755455.18		1.65E-06
370522.53	3758282.84		6.09E-05	370522.53	3758282.84		2.84E-03	370522.53	3758282.84		2.57E-06
370558.15	3755458.94		2.09E-05	370558.15	3755458.94		1.26E-03	370558.15	3755458.94		1.73E-06
370622.42	3758281.49		6.53E-05	370622.42	3758281.49		3.06E-03	370622.42	3758281.49		2.73E-06
370624.63	3755467.51		1.84E-05	370624.63	3755467.51		1.15E-03	370624.63	3755467.51		1.77E-06
370691.11	3755476.08		1.41E-05	370691.11	3755476.08		9.64E-04	370691.11	3755476.08		1.80E-06

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y	2024 Operations		UTM X	UTM Y	2024 Operations		UTM X	UTM Y	2024 Operations	
370722.31	3758280.14	6.97E-05		370722.31	3758280.14	3.27E-03		370722.31	3758280.14	2.90E-06	
370757.38	3755493.32	8.31E-06		370757.38	3755493.32	7.02E-04		370757.38	3755493.32	1.86E-06	
370792.87	3757995.38	1.15E-04		370792.87	3757995.38	4.77E-03		370792.87	3757995.38	4.48E-06	
370797.01	3758107.02	9.51E-05		370797.01	3758107.02	4.20E-03		370797.01	3758107.02	3.78E-06	
370798.36	3758194.12	8.27E-05		370798.36	3758194.12	3.77E-03		370798.36	3758194.12	3.36E-06	
370798.51	3757946.46	1.28E-04		370798.51	3757946.46	5.08E-03		370798.51	3757946.46	4.91E-06	
370799.71	3758281.23	7.23E-05		370799.71	3758281.23	3.38E-03		370799.71	3758281.23	2.99E-06	
370807.53	3755529.02	7.48E-06		370807.53	3755529.02	6.65E-04		370807.53	3755529.02	2.00E-06	
370818.52	3757901.47	1.44E-04		370818.52	3757901.47	5.46E-03		370818.52	3757901.47	5.48E-06	
370851.08	3757864.53	1.64E-04		370851.08	3757864.53	5.87E-03		370851.08	3757864.53	6.20E-06	
370854.34	3755560.20	9.22E-06		370854.34	3755560.20	7.55E-04		370854.34	3755560.20	2.07E-06	
370901.14	3755591.38	1.41E-05		370901.14	3755591.38	9.96E-04		370901.14	3755591.38	2.07E-06	
370908.58	3757858.61	1.78E-04		370908.58	3757858.61	6.25E-03		370908.58	3757858.61	6.72E-06	
370929.68	3755646.61	2.45E-05		370929.68	3755646.61	1.51E-03		370929.68	3755646.61	2.18E-06	
370932.48	3755705.67	3.27E-05		370932.48	3755705.67	1.93E-03		370932.48	3755705.67	2.29E-06	
370959.17	3757378.41	5.71E-03		370959.17	3757378.41	9.84E-02		370959.17	3757378.41	5.05E-05	
370959.96	3757296.11	2.91E-03		370959.96	3757296.11	5.17E-02		370959.96	3757296.11	4.10E-05	
370960.75	3757213.81	8.48E-04		370960.75	3757213.81	2.70E-02		370960.75	3757213.81	2.57E-05	
370961.54	3757131.50	5.81E-04		370961.54	3757131.50	2.52E-02		370961.54	3757131.50	2.00E-05	
370962.33	3757049.20	3.81E-04		370962.33	3757049.20	1.85E-02		370962.33	3757049.20	1.71E-05	
370963.12	3756966.90	-4.93E-05		370963.12	3756966.90	-1.17E-03		370963.12	3756966.90	1.76E-05	
370966.07	3757852.69	1.92E-04		370966.07	3757852.69	6.67E-03		370966.07	3757852.69	7.20E-06	
370968.09	3757808.70	2.25E-04		370968.09	3757808.70	6.91E-03		370968.09	3757808.70	8.41E-06	
370983.75	3755705.22	3.26E-05		370983.75	3755705.22	1.92E-03		370983.75	3755705.22	2.32E-06	
370986.42	3755628.02	2.08E-05		370986.42	3755628.02	1.33E-03		370986.42	3755628.02	2.18E-06	
370989.10	3755550.81	-2.44E-06		370989.10	3755550.81	1.93E-04		370989.10	3755550.81	2.05E-06	
370991.77	3755473.61	-8.20E-05		370991.77	3755473.61	-3.58E-03		370991.77	3755473.61	1.94E-06	
371017.44	3757371.98	7.13E-03		371017.44	3757371.98	1.15E-01		371017.44	3757371.98	6.29E-05	
371039.92	3757778.95	2.58E-04		371039.92	3757778.95	7.88E-03		371039.92	3757778.95	9.78E-06	
371061.56	3756965.39	9.19E-05		371061.56	3756965.39	8.80E-03		371061.56	3756965.39	2.05E-05	
371064.57	3755405.04	-3.18E-04		371064.57	3755405.04	-1.30E-02		371064.57	3755405.04	1.88E-06	
371078.64	3757842.57	2.03E-04		371078.64	3757842.57	7.62E-03		371078.64	3757842.57	7.75E-06	
371116.65	3757378.24	1.97E-03		371116.65	3757378.24	4.61E-02		371116.65	3757378.24	3.65E-05	
371117.35	3757906.19	1.69E-04		371117.35	3757906.19	7.01E-03		371117.35	3757906.19	6.59E-06	
371160.25	3755403.96	-8.50E-05		371160.25	3755403.96	-3.04E-03		371160.25	3755403.96	1.91E-06	
371160.00	3756963.88	3.94E-04		371160.00	3756963.88	2.64E-02		371160.00	3756963.88	2.31E-05	
371173.76	3757954.26	1.52E-04		371173.76	3757954.26	6.74E-03		371173.76	3757954.26	6.03E-06	
371174.47	3757986.09	1.42E-04		371174.47	3757986.09	6.38E-03		371174.47	3757986.09	5.64E-06	
371208.04	3757297.08	1.34E-03		371208.04	3757297.08	6.33E-02		371208.04	3757297.08	4.95E-05	
371208.86	3757379.92	1.35E-03		371208.86	3757379.92	4.94E-02		371208.86	3757379.92	3.44E-05	
371210.97	3757210.00	1.74E-03		371210.97	3757210.00	1.00E-01		371210.97	3757210.00	5.19E-05	
371243.87	3757985.25	1.44E-04		371243.87	3757985.25	6.69E-03		371243.87	3757985.25	5.80E-06	
371255.94	3755402.89	-2.23E-05		371255.94	3755402.89	-3.91E-04		371255.94	3755402.89	1.94E-06	
371258.45	3756962.36	7.09E-04		371258.45	3756962.36	4.50E-02		371258.45	3756962.36	2.70E-05	
371275.69	3757208.66	3.09E-03		371275.69	3757208.66	1.88E-01		371275.69	3757208.66	8.06E-05	
371313.27	3757984.41	1.46E-04		371313.27	3757984.41	6.93E-03		371313.27	3757984.41	5.97E-06	
371348.54	3758024.62	1.35E-04		371348.54	3758024.62	6.55E-03		371348.54	3758024.62	5.59E-06	
371351.62	3755401.81	2.24E-06		371351.62	3755401.81	6.35E-04		371351.62	3755401.81	1.98E-06	
371356.75	3757207.46	5.24E-05		371356.75	3757207.46	-2.03E-03		371356.75	3757207.46	7.67E-06	
371356.89	3756960.85	9.44E-04		371356.89	3756960.85	5.94E-02		371356.89	3756960.85	3.08E-05	
371402.37	3758061.24	1.26E-04		371402.37	3758061.24	6.28E-03		371402.37	3758061.24	5.32E-06	
371437.81	3757206.27	2.85E-05		371437.81	3757206.27	-2.39E-03		371437.81	3757206.27	6.91E-06	
371447.31	3755400.73	1.43E-05		371447.31	3755400.73	1.14E-03		371447.31	3755400.73	2.00E-06	
371455.33	3756959.34	1.01E-03		371455.33	3756959.34	6.26E-02		371455.33	3756959.34	3.08E-05	
371474.09	3758110.88	1.15E-04		371474.09	3758110.88	5.88E-03		371474.09	3758110.88	4.99E-06	
371518.87	3757205.07	1.28E-02		371518.87	3757205.07	7.17E-01		371518.87	3757205.07	2.62E-04	
371537.39	3758154.69	1.05E-04		371537.39	3758154.69	5.45E-03		371537.39	3758154.69	4.71E-06	
371542.99	3755399.65	2.13E-05		371542.99	3755399.65	1.44E-03		371542.99	3755399.65	2.03E-06	
371599.93	3757203.87	4.99E-03		371599.93	3757203.87	2.74E-01		371599.93	3757203.87	1.10E-04	
371600.70	3758198.51	9.49E-05		371600.70	3758198.51	4.97E-03		371600.70	3758198.51	4.28E-06	
371613.52	3756957.47	6.84E-04		371613.52	3756957.47	4.20E-02		371613.52	3756957.47	2.22E-05	
371638.68	3755398.58	2.55E-05		371638.68	3755398.58	1.62E-03		371638.68	3755398.58	2.05E-06	
371652.22	3756956.31	5.88E-04		371652.22	3756956.31	3.60E-02		371652.22	3756956.31	2.02E-05	

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y		2024 Operations	UTM X	UTM Y		2024 Operations	UTM X	UTM Y		2024 Operations
371664.00	3758242.33		8.89E-05	371664.00	3758242.33		4.69E-03	371664.00	3758242.33		4.24E-06
371678.83	3757376.47		1.12E-03	371678.83	3757376.47		5.91E-02	371678.83	3757376.47		3.71E-05
371680.99	3757202.68		2.52E-03	371680.99	3757202.68		1.35E-01	371680.99	3757202.68		6.26E-05
371683.71	3757291.78		2.50E-03	371683.71	3757291.78		1.38E-01	371683.71	3757291.78		5.80E-05
371734.36	3755397.50		2.80E-05	371734.36	3755397.50		1.73E-03	371734.36	3755397.50		2.07E-06
371750.66	3756954.80		4.11E-04	371750.66	3756954.80		2.49E-02	371750.66	3756954.80		1.70E-05
371767.81	3758230.27		8.63E-05	371767.81	3758230.27		4.54E-03	371767.81	3758230.27		4.37E-06
371801.04	3755399.23		2.92E-05	371801.04	3755399.23		1.77E-03	371801.04	3755399.23		2.09E-06
371812.25	3757364.20		8.41E-04	371812.25	3757364.20		4.13E-02	371812.25	3757364.20		3.22E-05
371825.62	3758161.92		9.57E-05	371825.62	3758161.92		4.89E-03	371825.62	3758161.92		4.86E-06
371849.10	3756953.29		3.07E-04	371849.10	3756953.29		1.82E-02	371849.10	3756953.29		1.58E-05
371866.03	3757363.09		8.25E-04	371866.03	3757363.09		4.17E-02	371866.03	3757363.09		2.99E-05
371867.72	3755400.96		3.02E-05	371867.72	3755400.96		1.82E-03	371867.72	3755400.96		2.10E-06
371895.02	3758059.68		1.12E-04	371895.02	3758059.68		5.48E-03	371895.02	3758059.68		5.76E-06
371898.90	3758134.17		9.79E-05	371898.90	3758134.17		4.91E-03	371898.90	3758134.17		5.12E-06
371909.58	3757435.59		6.59E-04	371909.58	3757435.59		3.41E-02	371909.58	3757435.59		2.39E-05
371916.85	3757398.54		7.32E-04	371916.85	3757398.54		3.78E-02	371916.85	3757398.54		2.62E-05
371917.20	3757362.27		7.86E-04	371917.20	3757362.27		4.02E-02	371917.20	3757362.27		2.81E-05
371927.01	3757742.18		2.20E-04	371927.01	3757742.18		1.03E-02	371927.01	3757742.18		1.04E-05
371928.06	3757790.69		1.95E-04	371928.06	3757790.69		9.09E-03	371928.06	3757790.69		9.41E-06
371934.40	3755402.69		3.11E-05	371934.40	3755402.69		1.85E-03	371934.40	3755402.69		2.11E-06
371934.40	3757852.44		1.69E-04	371934.40	3757852.44		7.88E-03	371934.40	3757852.44		8.34E-06
371937.61	3757919.43		1.46E-04	371937.61	3757919.43		6.87E-03	371937.61	3757919.43		7.38E-06
371940.82	3757986.42		1.27E-04	371940.82	3757986.42		6.08E-03	371940.82	3757986.42		6.56E-06
371944.03	3758053.41		1.12E-04	371944.03	3758053.41		5.44E-03	371944.03	3758053.41		5.87E-06
371947.54	3756951.78		2.49E-04	371947.54	3756951.78		1.45E-02	371947.54	3756951.78		1.63E-05
371954.98	3757424.18		6.52E-04	371954.98	3757424.18		3.38E-02	371954.98	3757424.18		2.41E-05
372007.70	3757423.51		6.14E-04	372007.70	3757423.51		3.18E-02	372007.70	3757423.51		2.38E-05
372031.48	3757755.88		2.09E-04	372031.48	3757755.88		9.94E-03	372031.48	3757755.88		1.07E-05
372033.85	3755399.05		3.19E-05	372033.85	3755399.05		1.89E-03	372033.85	3755399.05		2.12E-06
372045.99	3756950.26		2.17E-04	372045.99	3756950.26		1.24E-02	372045.99	3756950.26		1.87E-05
372060.42	3757422.83		5.76E-04	372060.42	3757422.83		2.98E-02	372060.42	3757422.83		2.39E-05
372097.97	3757754.97		2.10E-04	372097.97	3757754.97		1.01E-02	372097.97	3757754.97		1.11E-05
372114.62	3757440.24		5.26E-04	372114.62	3757440.24		2.72E-02	372114.62	3757440.24		2.37E-05
372133.29	3755395.42		3.22E-05	372133.29	3755395.42		1.88E-03	372133.29	3755395.42		2.09E-06
372144.43	3756948.75		2.07E-04	372144.43	3756948.75		1.14E-02	372144.43	3756948.75		2.50E-05
372152.01	3757362.33		5.62E-04	372152.01	3757362.33		2.93E-02	372152.01	3757362.33		2.75E-05
372153.80	3757418.83		5.24E-04	372153.80	3757418.83		2.72E-02	372153.80	3757418.83		2.54E-05
372154.47	3757439.86		5.05E-04	372154.47	3757439.86		2.62E-02	372154.47	3757439.86		2.45E-05
372156.97	3757518.41		4.17E-04	372156.97	3757518.41		2.15E-02	372156.97	3757518.41		2.06E-05
372159.47	3757596.96		3.36E-04	372159.47	3757596.96		1.71E-02	372159.47	3757596.96		1.70E-05
372161.97	3757675.51		2.66E-04	372161.97	3757675.51		1.32E-02	372161.97	3757675.51		1.40E-05
372164.46	3757754.06		2.13E-04	372164.46	3757754.06		1.03E-02	372164.46	3757754.06		1.16E-05
372232.73	3755391.79		3.22E-05	372232.73	3755391.79		1.86E-03	372232.73	3755391.79		2.09E-06
372242.87	3756947.24		2.23E-04	372242.87	3756947.24		1.16E-02	372242.87	3756947.24		4.00E-05
372332.18	3755388.15		3.21E-05	372332.18	3755388.15		1.85E-03	372332.18	3755388.15		2.09E-06
372341.31	3756945.73		2.38E-04	372341.31	3756945.73		1.20E-02	372341.31	3756945.73		4.76E-05
372410.73	3755381.99		3.19E-05	372410.73	3755381.99		1.83E-03	372410.73	3755381.99		2.09E-06
372439.76	3756944.21		2.09E-04	372439.76	3756944.21		1.16E-02	372439.76	3756944.21		3.17E-05
372489.28	3755375.83		3.17E-05	372489.28	3755375.83		1.82E-03	372489.28	3755375.83		2.09E-06
372538.20	3756942.70		2.04E-04	372538.20	3756942.70		1.21E-02	372538.20	3756942.70		2.42E-05
372567.83	3755369.67		3.15E-05	372567.83	3755369.67		1.80E-03	372567.83	3755369.67		2.09E-06
372621.24	3755369.96		3.13E-05	372621.24	3755369.96		1.79E-03	372621.24	3755369.96		2.10E-06
372627.96	3756505.77		6.70E-05	372627.96	3756505.77		4.19E-03	372627.96	3756505.77		6.48E-06
372628.35	3756589.05		7.32E-05	372628.35	3756589.05		4.64E-03	372628.35	3756589.05		7.60E-06
372630.81	3757026.03		3.30E-04	372630.81	3757026.03		1.97E-02	372630.81	3757026.03		3.24E-05
372632.23	3757120.50		5.87E-04	372632.23	3757120.50		3.50E-02	372632.23	3757120.50		4.94E-05
372632.53	3756752.34		9.55E-05	372632.53	3756752.34		6.17E-03	372632.53	3756752.34		1.10E-05
372634.59	3756846.76		1.30E-04	372634.59	3756846.76		8.27E-03	372634.59	3756846.76		1.44E-05
372634.70	3757211.58		9.83E-04	372634.70	3757211.58		5.98E-02	372634.70	3757211.58		7.32E-05
372636.64	3756941.19		2.05E-04	372636.64	3756941.19		1.26E-02	372636.64	3756941.19		2.10E-05
372650.02	3757248.61		1.22E-03	372650.02	3757248.61		7.45E-02	372650.02	3757248.61		8.79E-05
372671.90	3757332.14		9.66E-04	372671.90	3757332.14		5.61E-02	372671.90	3757332.14		1.33E-04

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y		2024 Operations	UTM X	UTM Y		2024 Operations	UTM X	UTM Y		2024 Operations
372672.36	3756975.42		2.50E-04	372672.36	3756975.42		1.54E-02	372672.36	3756975.42		2.38E-05
372672.57	3757018.04		3.28E-04	372672.57	3757018.04		1.99E-02	372672.57	3757018.04		2.94E-05
372692.63	3756588.53		6.46E-05	372692.63	3756588.53		4.22E-03	372692.63	3756588.53		7.29E-06
372694.60	3756751.91		8.15E-05	372694.60	3756751.91		5.54E-03	372694.60	3756751.91		1.04E-05
372697.78	3755368.97		3.09E-05	372697.78	3755368.97		1.77E-03	372697.78	3755368.97		2.11E-06
372704.41	3757417.13		6.05E-04	372704.41	3757417.13		3.38E-02	372704.41	3757417.13		9.41E-05
372725.34	3756505.44		5.76E-05	372725.34	3756505.44		3.72E-03	372725.34	3756505.44		6.15E-06
372730.58	3756678.55		6.32E-05	372730.58	3756678.55		4.41E-03	372730.58	3756678.55		8.53E-06
372739.22	3757507.15		4.04E-04	372739.22	3757507.15		2.25E-02	372739.22	3757507.15		4.27E-05
372756.67	3756751.48		6.04E-05	372756.67	3756751.48		4.57E-03	372756.67	3756751.48		9.87E-06
372768.35	3756973.59		2.38E-04	372768.35	3756973.59		1.51E-02	372768.35	3756973.59		2.09E-05
372770.71	3757656.89		2.64E-04	372770.71	3757656.89		1.43E-02	372770.71	3757656.89		1.78E-05
372773.23	3757598.18		3.04E-04	372773.23	3757598.18		1.67E-02	372773.23	3757598.18		2.34E-05
372774.32	3755367.98		3.04E-05	372774.32	3755367.98		1.74E-03	372774.32	3755367.98		2.14E-06
372774.75	3757745.62		2.16E-04	372774.75	3757745.62		1.15E-02	372774.75	3757745.62		1.31E-05
372784.40	3757635.25		2.76E-04	372784.40	3757635.25		1.50E-02	372784.40	3757635.25		1.95E-05
372822.71	3756505.12		4.81E-05	372822.71	3756505.12		3.25E-03	372822.71	3756505.12		5.78E-06
372839.80	3757745.93		2.10E-04	372839.80	3757745.93		1.12E-02	372839.80	3757745.93		1.27E-05
372850.87	3755366.99		3.00E-05	372850.87	3755366.99		1.71E-03	372850.87	3755366.99		2.17E-06
372864.35	3756971.76		1.85E-04	372864.35	3756971.76		1.24E-02	372864.35	3756971.76		1.79E-05
372904.85	3757746.24		2.01E-04	372904.85	3757746.24		1.08E-02	372904.85	3757746.24		1.24E-05
372910.27	3757732.13		2.06E-04	372910.27	3757732.13		1.10E-02	372910.27	3757732.13		1.29E-05
372919.43	3756436.58		4.30E-05	372919.43	3756436.58		2.87E-03	372919.43	3756436.58		4.89E-06
372920.09	3756504.79		3.93E-05	372920.09	3756504.79		2.80E-03	372920.09	3756504.79		5.39E-06
372927.41	3755366.00		2.97E-05	372927.41	3755366.00		1.68E-03	372927.41	3755366.00		2.22E-06
372927.86	3755465.33		3.05E-05	372927.86	3755465.33		1.75E-03	372927.86	3755465.33		2.34E-06
372928.32	3755564.67		3.14E-05	372928.32	3755564.67		1.82E-03	372928.32	3755564.67		2.45E-06
372928.77	3755664.00		3.25E-05	372928.77	3755664.00		1.91E-03	372928.77	3755664.00		2.54E-06
372929.23	3755763.34		3.40E-05	372929.23	3755763.34		2.03E-03	372929.23	3755763.34		2.64E-06
372947.75	3756971.61		9.93E-05	372947.75	3756971.61		7.93E-03	372947.75	3756971.61		1.51E-05
372992.82	3755761.76		3.35E-05	372992.82	3755761.76		2.00E-03	372992.82	3755761.76		2.63E-06
372995.87	3757731.75		1.92E-04	372995.87	3757731.75		1.02E-02	372995.87	3757731.75		1.25E-05
373004.43	3756435.35		3.85E-05	373004.43	3756435.35		2.63E-03	373004.43	3756435.35		4.60E-06
373031.15	3756971.45		1.69E-05	373031.15	3756971.45		3.52E-03	373031.15	3756971.45		1.25E-05
373056.40	3755760.18		3.31E-05	373056.40	3755760.18		1.97E-03	373056.40	3755760.18		2.64E-06
373057.59	3755829.92		3.40E-05	373057.59	3755829.92		2.05E-03	373057.59	3755829.92		2.68E-06
373058.79	3755899.65		3.51E-05	373058.79	3755899.65		2.13E-03	373058.79	3755899.65		2.74E-06
373077.68	3757731.38		1.79E-04	373077.68	3757731.38		9.48E-03	373077.68	3757731.38		1.20E-05
373089.44	3756434.13		3.53E-05	373089.44	3756434.13		2.45E-03	373089.44	3756434.13		4.31E-06
373118.11	3756991.19		4.05E-05	373118.11	3756991.19		4.13E-03	373118.11	3756991.19		1.07E-05
373137.84	3755759.39		3.28E-05	373137.84	3755759.39		1.95E-03	373137.84	3755759.39		2.69E-06
373138.33	3755829.37		3.35E-05	373138.33	3755829.37		2.01E-03	373138.33	3755829.37		2.67E-06
373138.82	3755899.35		3.42E-05	373138.82	3755899.35		2.07E-03	373138.82	3755899.35		2.68E-06
373159.49	3757731.01		1.69E-04	373159.49	3757731.01		8.91E-03	373159.49	3757731.01		1.15E-05
373174.45	3756432.91		3.36E-05	373174.45	3756432.91		2.32E-03	373174.45	3756432.91		4.01E-06
373179.17	3757023.66		7.03E-05	373179.17	3757023.66		5.17E-03	373179.17	3757023.66		1.02E-05
373213.14	3755758.34		3.29E-05	373213.14	3755758.34		1.94E-03	373213.14	3755758.34		2.78E-06
373236.62	3757073.64		1.02E-04	373236.62	3757073.64		6.39E-03	373236.62	3757073.64		1.03E-05
373241.30	3757730.64		1.61E-04	373241.30	3757730.64		8.46E-03	373241.30	3757730.64		1.10E-05
373259.45	3756431.68		3.31E-05	373259.45	3756431.68		2.26E-03	373259.45	3756431.68		3.72E-06
373288.44	3755757.29		3.32E-05	373288.44	3755757.29		1.94E-03	373288.44	3755757.29		2.94E-06
373303.06	3757072.90		8.47E-05	373303.06	3757072.90		5.36E-03	373303.06	3757072.90		9.11E-06
373317.14	3756432.03		3.33E-05	373317.14	3756432.03		2.24E-03	373317.14	3756432.03		3.53E-06
373323.11	3757730.27		1.55E-04	373323.11	3757730.27		8.11E-03	373323.11	3757730.27		1.04E-05
373323.28	3757744.87		1.51E-04	373323.28	3757744.87		7.91E-03	373323.28	3757744.87		1.01E-05
373363.74	3755756.24		3.38E-05	373363.74	3755756.24		1.96E-03	373363.74	3755756.24		3.19E-06
373365.13	3755845.96		3.30E-05	373365.13	3755845.96		1.98E-03	373365.13	3755845.96		2.57E-06
373366.53	3755935.69		3.36E-05	373366.53	3755935.69		2.08E-03	373366.53	3755935.69		2.20E-06
373367.92	3756025.41		3.48E-05	373367.92	3756025.41		2.23E-03	373367.92	3756025.41		1.99E-06
373369.31	3756115.13		3.43E-05	373369.31	3756115.13		2.19E-03	373369.31	3756115.13		2.22E-06
373369.50	3757072.16		6.49E-05	373369.50	3757072.16		4.33E-03	373369.50	3757072.16		8.20E-06
373370.37	3757159.75		1.35E-04	373370.37	3757159.75		7.52E-03	373370.37	3757159.75		1.02E-05
373370.71	3756204.86		3.38E-05	373370.71	3756204.86		2.16E-03	373370.71	3756204.86		2.58E-06

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y		2024 Operations	UTM X	UTM Y		2024 Operations	UTM X	UTM Y		2024 Operations
373371.24	3757247.34		2.14E-04	373371.24	3757247.34		1.15E-02	373371.24	3757247.34		1.25E-05
373372.10	3756294.58		3.36E-05	373372.10	3756294.58		2.17E-03	373372.10	3756294.58		2.90E-06
373372.12	3757334.94		2.80E-04	373372.12	3757334.94		1.50E-02	373372.12	3757334.94		1.44E-05
373372.99	3757422.53		2.85E-04	373372.99	3757422.53		1.54E-02	373372.99	3757422.53		1.51E-05
373373.72	3756378.86		3.35E-05	373373.72	3756378.86		2.20E-03	373373.72	3756378.86		3.18E-06
373373.86	3757510.12		2.44E-04	373373.86	3757510.12		1.31E-02	373373.86	3757510.12		1.44E-05
373374.73	3757597.71		1.98E-04	373374.73	3757597.71		1.06E-02	373374.73	3757597.71		1.28E-05
373374.83	3756432.37		3.34E-05	373374.83	3756432.37		2.21E-03	373374.83	3756432.37		3.35E-06
373375.60	3757685.31		1.65E-04	373375.60	3757685.31		8.64E-03	373375.60	3757685.31		1.10E-05
373393.43	3757684.85		1.64E-04	373393.43	3757684.85		8.59E-03	373393.43	3757684.85		1.08E-05
373394.30	3757744.19		1.47E-04	373394.30	3757744.19		7.67E-03	373394.30	3757744.19		9.67E-06
367047.63	3761097.01		4.30E-06	367047.63	3761097.01		2.13E-04	367047.63	3761097.01		3.36E-07
370737.54	3762942.92		3.01E-06	370737.54	3762942.92		1.97E-04	370737.54	3762942.92		3.19E-07
371031.93	3758057.86		1.18E-04	371031.93	3758057.86		5.12E-03	371031.93	3758057.86		4.69E-06
371034.38	3758338.88		6.41E-05	371034.38	3758338.88		3.05E-03	371034.38	3758338.88		2.58E-06
371091.65	3754274.94		1.44E-05	371091.65	3754274.94		8.11E-04	371091.65	3754274.94		8.56E-07
371165.78	3758547.83		4.35E-05	371165.78	3758547.83		2.24E-03	371165.78	3758547.83		1.99E-06
372241.00	3757383.00		4.88E-04	372241.00	3757383.00		2.56E-02	372241.00	3757383.00		3.09E-05
372703.01	3761799.64		3.76E-06	372703.01	3761799.64		2.51E-04	372703.01	3761799.64		3.27E-07
374194.97	3754806.86		1.68E-05	374194.97	3754806.86		9.15E-04	374194.97	3754806.86		1.29E-06
374697.43	3760305.50		-3.16E-07	374697.43	3760305.50		3.36E-04	374697.43	3760305.50		5.09E-07
375423.74	3758805.14		3.70E-05	375423.74	3758805.14		1.85E-03	375423.74	3758805.14		1.95E-06
375433.42	3757541.59		3.74E-05	375433.42	3757541.59		1.93E-03	375433.42	3757541.59		2.16E-06
378090.06	3758535.33		2.02E-05	378090.06	3758535.33		9.57E-04	378090.06	3758535.33		1.05E-06
368494.88	3756671.28		2.26E-05	368494.88	3756671.28		1.17E-03	368494.88	3756671.28		1.10E-06
370394.80	3756845.73		1.08E-04	370394.80	3756845.73		5.17E-03	370394.80	3756845.73		4.73E-06
368983.23	3754581.57		1.33E-05	368983.23	3754581.57		7.24E-04	368983.23	3754581.57		7.22E-07
369216.41	3758422.45		2.32E-05	369216.41	3758422.45		1.14E-03	369216.41	3758422.45		1.22E-06
369532.57	3755391.67		2.36E-05	369532.57	3755391.67		1.30E-03	369532.57	3755391.67		1.34E-06
369574.04	3758166.39		3.52E-05	369574.04	3758166.39		1.77E-03	369574.04	3758166.39		1.64E-06
369581.37	3758516.07		2.60E-05	369581.37	3758516.07		1.29E-03	369581.37	3758516.07		1.27E-06
369830.08	3755394.84		2.47E-05	369830.08	3755394.84		1.37E-03	369830.08	3755394.84		1.44E-06
370114.12	3758186.53		4.92E-05	370114.12	3758186.53		2.32E-03	370114.12	3758186.53		2.11E-06
371021.69	3757820.60		2.20E-04	371021.69	3757820.60		7.37E-03	371021.69	3757820.60		8.23E-06
366809.77	3757837.27		1.13E-05	366809.77	3757837.27		5.48E-04	366809.77	3757837.27		5.96E-07
366843.26	3757860.52		1.14E-05	366843.26	3757860.52		5.49E-04	366843.26	3757860.52		6.00E-07
366900.00	3758500.00		1.04E-05	366900.00	3758500.00		4.64E-04	366900.00	3758500.00		6.73E-07
366900.00	3762500.00		2.27E-06	366900.00	3762500.00		1.21E-04	366900.00	3762500.00		2.90E-07
366900.00	3763500.00		2.59E-06	366900.00	3763500.00		1.40E-04	366900.00	3763500.00		2.26E-07
366900.00	3764500.00		2.15E-06	366900.00	3764500.00		1.22E-04	366900.00	3764500.00		1.44E-07
366982.41	3757958.65		1.17E-05	366982.41	3757958.65		5.55E-04	366982.41	3757958.65		6.29E-07
367163.97	3758028.80		1.28E-05	367163.97	3758028.80		6.02E-04	367163.97	3758028.80		7.93E-07
367275.38	3757999.92		1.32E-05	367275.38	3757999.92		6.15E-04	367275.38	3757999.92		8.11E-07
367395.04	3758065.94		1.32E-05	367395.04	3758065.94		6.05E-04	367395.04	3758065.94		7.12E-07
367880.40	3758145.84		1.69E-05	367880.40	3758145.84		7.98E-04	367880.40	3758145.84		9.87E-07
367900.00	3761500.00		5.05E-06	367900.00	3761500.00		2.54E-04	367900.00	3761500.00		3.52E-07
367900.00	3762500.00		3.65E-06	367900.00	3762500.00		1.95E-04	367900.00	3762500.00		2.94E-07
367900.00	3764500.00		2.44E-06	367900.00	3764500.00		1.37E-04	367900.00	3764500.00		1.88E-07
368068.97	3758068.94		1.97E-05	368068.97	3758068.94		9.49E-04	368068.97	3758068.94		1.09E-06
368182.48	3758015.85		1.94E-05	368182.48	3758015.85		9.29E-04	368182.48	3758015.85		1.11E-06
368416.83	3757988.39		2.46E-05	368416.83	3757988.39		1.21E-03	368416.83	3757988.39		1.26E-06
368577.94	3757979.23		2.30E-05	368577.94	3757979.23		1.12E-03	368577.94	3757979.23		1.26E-06
368764.68	3758079.93		2.60E-05	368764.68	3758079.93		1.27E-03	368764.68	3758079.93		1.35E-06
368900.00	3754500.00		1.27E-05	368900.00	3754500.00		6.88E-04	368900.00	3754500.00		6.85E-07
368900.00	3759500.00		1.46E-05	368900.00	3759500.00		3.59E-05	368900.00	3759500.00		1.24E-06
368900.00	3761500.00		5.25E-06	368900.00	3761500.00		2.85E-04	368900.00	3761500.00		4.05E-07
368900.00	3762500.00		3.78E-06	368900.00	3762500.00		2.11E-04	368900.00	3762500.00		3.14E-07
368900.00	3763500.00		2.70E-06	368900.00	3763500.00		1.56E-04	368900.00	3763500.00		2.54E-07
368900.00	3764500.00		2.04E-06	368900.00	3764500.00		1.30E-04	368900.00	3764500.00		1.94E-07
368944.10	3758186.12		2.50E-05	368944.10	3758186.12		1.21E-03	368944.10	3758186.12		1.33E-06
369206.25	3758147.26		3.32E-05	369206.25	3758147.26		1.80E-03	369206.25	3758147.26		1.47E-06
369268.49	3758066.34		6.27E-05	369268.49	3758066.34		4.29E-03	369268.49	3758066.34		1.60E-06
369333.85	3757999.43		3.68E-05	369333.85	3757999.43		1.92E-03	369333.85	3757999.43		1.69E-06

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y	2024 Operations		UTM X	UTM Y	2024 Operations		UTM X	UTM Y	2024 Operations	
369425.60	3758641.99	2.23E-05		369425.60	3758641.99	1.09E-03		369425.60	3758641.99	1.13E-06	
369599.53	3758634.67	2.44E-05		369599.53	3758634.67	1.21E-03		369599.53	3758634.67	1.19E-06	
369775.29	3758632.83	2.66E-05		369775.29	3758632.83	1.33E-03		369775.29	3758632.83	1.25E-06	
369834.01	3758329.33	3.67E-05		369834.01	3758329.33	1.79E-03		369834.01	3758329.33	1.64E-06	
369900.00	3754500.00	1.44E-05		369900.00	3754500.00	7.97E-04		369900.00	3754500.00	8.83E-07	
369900.00	3758500.00	3.34E-05		369900.00	3758500.00	1.63E-03		369900.00	3758500.00	1.49E-06	
369900.00	3759500.00	1.50E-05		369900.00	3759500.00	5.90E-04		369900.00	3759500.00	9.45E-07	
369900.00	3761500.00	4.77E-06		369900.00	3761500.00	2.65E-04		369900.00	3761500.00	4.78E-07	
369900.00	3762500.00	3.92E-06		369900.00	3762500.00	2.31E-04		369900.00	3762500.00	3.38E-07	
369900.00	3764500.00	2.37E-06		369900.00	3764500.00	1.47E-04		369900.00	3764500.00	2.12E-07	
370006.10	3758331.16	3.89E-05		370006.10	3758331.16	1.90E-03		370006.10	3758331.16	1.72E-06	
370183.69	3758338.49	4.36E-05		370183.69	3758338.49	2.09E-03		370183.69	3758338.49	1.85E-06	
370425.35	3758336.66	5.38E-05		370425.35	3758336.66	2.53E-03		370425.35	3758336.66	2.30E-06	
370701.79	3758334.82	6.39E-05		370701.79	3758334.82	3.04E-03		370701.79	3758334.82	2.67E-06	
370780.52	3758327.50	6.70E-05		370780.52	3758327.50	3.17E-03		370780.52	3758327.50	2.81E-06	
370900.00	3759500.00	1.24E-05		370900.00	3759500.00	7.16E-04		370900.00	3759500.00	8.57E-07	
370900.00	3760500.00	7.06E-06		370900.00	3760500.00	3.99E-04		370900.00	3760500.00	5.58E-07	
370900.00	3762500.00	-2.38E-06		370900.00	3762500.00	2.49E-05		370900.00	3762500.00	4.40E-07	
370900.00	3763500.00	3.02E-06		370900.00	3763500.00	1.88E-04		370900.00	3763500.00	2.73E-07	
370900.00	3764500.00	2.66E-06		370900.00	3764500.00	1.59E-04		370900.00	3764500.00	2.16E-07	
371295.29	3758036.94	1.30E-04		371295.29	3758036.94	6.26E-03		371295.29	3758036.94	5.36E-06	
371421.46	3758118.19	1.13E-04		371421.46	3758118.19	5.73E-03		371421.46	3758118.19	4.86E-06	
371550.51	3758209.00	9.48E-05		371550.51	3758209.00	4.96E-03		371550.51	3758209.00	4.18E-06	
371685.28	3758299.81	8.03E-05		371685.28	3758299.81	4.27E-03		371685.28	3758299.81	3.68E-06	
371754.11	3758291.20	7.80E-05		371754.11	3758291.20	4.17E-03		371754.11	3758291.20	4.01E-06	
371807.64	3758213.78	8.81E-05		371807.64	3758213.78	4.58E-03		371807.64	3758213.78	4.50E-06	
371874.55	3758164.07	9.37E-05		371874.55	3758164.07	4.77E-03		371874.55	3758164.07	4.88E-06	
371900.00	3758500.00	5.69E-05		371900.00	3758500.00	3.13E-03		371900.00	3758500.00	3.14E-06	
371900.00	3759500.00	1.04E-05		371900.00	3759500.00	9.96E-04		371900.00	3759500.00	1.22E-06	
371900.00	3762500.00	2.52E-06		371900.00	3762500.00	1.92E-04		371900.00	3762500.00	2.72E-07	
371900.00	3763500.00	3.47E-06		371900.00	3763500.00	2.16E-04		371900.00	3763500.00	2.75E-07	
371933.81	3758104.81	1.02E-04		371933.81	3758104.81	5.05E-03		371933.81	3758104.81	5.40E-06	
372241.00	3757883.00	1.55E-04		372241.00	3757883.00	7.53E-03		372241.00	3757883.00	9.04E-06	
372241.00	3757983.00	1.25E-04		372241.00	3757983.00	6.10E-03		372241.00	3757983.00	7.33E-06	
372341.00	3757883.00	1.58E-04		372341.00	3757883.00	7.78E-03		372341.00	3757883.00	9.44E-06	
372341.00	3757983.00	1.26E-04		372341.00	3757983.00	6.18E-03		372341.00	3757983.00	7.58E-06	
372900.00	3753500.00	1.16E-05		372900.00	3753500.00	6.50E-04		372900.00	3753500.00	8.11E-07	
372900.00	3754500.00	1.86E-05		372900.00	3754500.00	1.03E-03		372900.00	3754500.00	1.23E-06	
372900.00	3759500.00	-1.87E-05		372900.00	3759500.00	3.01E-04		372900.00	3759500.00	9.49E-07	
372900.00	3760500.00	-4.72E-06		372900.00	3760500.00	2.04E-04		372900.00	3760500.00	5.92E-07	
372900.00	3761500.00	3.62E-06		372900.00	3761500.00	2.63E-04		372900.00	3761500.00	3.72E-07	
372900.00	3762500.00	2.19E-06		372900.00	3762500.00	1.47E-04		372900.00	3762500.00	1.77E-07	
373541.00	3757783.00	1.31E-04		373541.00	3757783.00	6.78E-03		373541.00	3757783.00	8.09E-06	
373541.00	3757883.00	1.14E-04		373541.00	3757883.00	5.82E-03		373541.00	3757883.00	6.85E-06	
373541.00	3757983.00	9.92E-05		373541.00	3757983.00	5.08E-03		373541.00	3757983.00	5.79E-06	
373641.00	3756983.00	2.18E-05		373641.00	3756983.00	1.96E-03		373641.00	3756983.00	4.91E-06	
373641.00	3757083.00	5.00E-05		373641.00	3757083.00	3.19E-03		373641.00	3757083.00	5.86E-06	
373641.00	3757183.00	9.15E-05		373641.00	3757183.00	5.07E-03		373641.00	3757183.00	7.01E-06	
373641.00	3757283.00	1.38E-04		373641.00	3757283.00	7.35E-03		373641.00	3757283.00	8.28E-06	
373641.00	3757383.00	1.72E-04		373641.00	3757383.00	9.10E-03		373641.00	3757383.00	9.25E-06	
373641.00	3757483.00	1.79E-04		373641.00	3757483.00	9.47E-03		373641.00	3757483.00	9.60E-06	
373641.00	3757583.00	1.67E-04		373641.00	3757583.00	8.74E-03		373641.00	3757583.00	9.31E-06	
373641.00	3757683.00	1.47E-04		373641.00	3757683.00	7.66E-03		373641.00	3757683.00	8.57E-06	
373641.00	3757783.00	1.28E-04		373641.00	3757783.00	6.59E-03		373641.00	3757783.00	7.60E-06	
373641.00	3757883.00	1.11E-04		373641.00	3757883.00	5.66E-03		373641.00	3757883.00	6.57E-06	
373641.00	3757983.00	9.71E-05		373641.00	3757983.00	4.94E-03		373641.00	3757983.00	5.64E-06	
373687.89	3757980.08	9.68E-05		373687.89	3757980.08	4.90E-03		373687.89	3757980.08	5.58E-06	
373900.00	3753500.00	1.07E-05		373900.00	3753500.00	5.98E-04		373900.00	3753500.00	7.77E-07	
373900.00	3754500.00	1.53E-05		373900.00	3754500.00	8.45E-04		373900.00	3754500.00	1.16E-06	
373900.00	3755500.00	4.97E-05		373900.00	3755500.00	2.24E-03		373900.00	3755500.00	5.07E-06	
373900.00	3756500.00	2.87E-05		373900.00	3756500.00	1.76E-03		373900.00	3756500.00	2.31E-06	
373900.00	3757500.00	1.34E-04		373900.00	3757500.00	6.93E-03		373900.00	3757500.00	7.04E-06	
373900.00	3758500.00	4.86E-05		373900.00	3758500.00	2.51E-03		373900.00	3758500.00	2.73E-06	

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
UTM X	UTM Y	2024 Operations	UTM X	UTM Y	2024 Operations	UTM X	UTM Y	2024 Operations
373900.00	3760500.00	-6.51E-06	373900.00	3760500.00	1.10E-04	373900.00	3760500.00	4.06E-07
373900.00	3761500.00	2.43E-06	373900.00	3761500.00	1.49E-04	373900.00	3761500.00	2.86E-07
373900.00	3764500.00	1.34E-06	373900.00	3764500.00	9.02E-05	373900.00	3764500.00	8.41E-08
374900.00	3754500.00	1.09E-05	374900.00	3754500.00	6.17E-04	374900.00	3754500.00	7.90E-07
374900.00	3755500.00	1.69E-05	374900.00	3755500.00	8.76E-04	374900.00	3755500.00	1.31E-06
374900.00	3756500.00	1.76E-05	374900.00	3756500.00	1.02E-03	374900.00	3756500.00	1.33E-06
374900.00	3757500.00	5.13E-05	374900.00	3757500.00	2.65E-03	374900.00	3757500.00	2.93E-06
374900.00	3759500.00	1.85E-05	374900.00	3759500.00	9.71E-04	374900.00	3759500.00	1.09E-06
374900.00	3760500.00	2.84E-07	374900.00	3760500.00	3.01E-04	374900.00	3760500.00	4.38E-07
374900.00	3761500.00	2.71E-06	374900.00	3761500.00	1.81E-04	374900.00	3761500.00	2.10E-07
374900.00	3762500.00	1.19E-06	374900.00	3762500.00	5.88E-05	374900.00	3762500.00	1.33E-07
374900.00	3763500.00	1.09E-06	374900.00	3763500.00	6.72E-05	374900.00	3763500.00	1.02E-07
374900.00	3764500.00	2.09E-06	374900.00	3764500.00	1.38E-04	374900.00	3764500.00	1.46E-07
375900.00	3753500.00	6.23E-06	375900.00	3753500.00	3.55E-04	375900.00	3753500.00	4.35E-07
375900.00	3755500.00	9.65E-06	375900.00	3755500.00	5.29E-04	375900.00	3755500.00	7.55E-07
375900.00	3756500.00	1.24E-05	375900.00	3756500.00	6.89E-04	375900.00	3756500.00	9.68E-07
375900.00	3760500.00	5.15E-06	375900.00	3760500.00	3.97E-04	375900.00	3760500.00	5.27E-07
375900.00	3761500.00	2.90E-06	375900.00	3761500.00	2.48E-04	375900.00	3761500.00	2.96E-07
375900.00	3762500.00	2.48E-06	375900.00	3762500.00	1.37E-04	375900.00	3762500.00	1.82E-07
375900.00	3763500.00	2.25E-06	375900.00	3763500.00	1.37E-04	375900.00	3763500.00	1.54E-07
375900.00	3764500.00	2.22E-06	375900.00	3764500.00	1.34E-04	375900.00	3764500.00	1.67E-07
376084.62	3761776.42	3.06E-06	376084.62	3761776.42	2.36E-04	376084.62	3761776.42	2.70E-07
376900.00	3755500.00	6.95E-06	376900.00	3755500.00	3.85E-04	376900.00	3755500.00	5.52E-07
376900.00	3756500.00	9.50E-06	376900.00	3756500.00	5.12E-04	376900.00	3756500.00	7.60E-07
376900.00	3758500.00	2.94E-05	376900.00	3758500.00	1.40E-03	376900.00	3758500.00	1.49E-06
376900.00	3759500.00	1.92E-05	376900.00	3759500.00	9.68E-04	376900.00	3759500.00	9.97E-07
376900.00	3760500.00	8.72E-06	376900.00	3760500.00	5.28E-04	376900.00	3760500.00	5.83E-07
376900.00	3761500.00	3.16E-06	376900.00	3761500.00	2.38E-04	376900.00	3761500.00	3.27E-07
376900.00	3762500.00	3.01E-06	376900.00	3762500.00	2.07E-04	376900.00	3762500.00	2.35E-07
376900.00	3764500.00	2.14E-06	376900.00	3764500.00	1.28E-04	376900.00	3764500.00	1.50E-07
377900.00	3753500.00	3.88E-06	377900.00	3753500.00	2.20E-04	377900.00	3753500.00	2.92E-07
377900.00	3754500.00	4.44E-06	377900.00	3754500.00	2.52E-04	377900.00	3754500.00	3.50E-07
377900.00	3755500.00	5.17E-06	377900.00	3755500.00	2.85E-04	377900.00	3755500.00	3.95E-07
377900.00	3756500.00	5.48E-06	377900.00	3756500.00	2.74E-04	377900.00	3756500.00	4.99E-07
377900.00	3757500.00	1.37E-05	377900.00	3757500.00	6.56E-04	377900.00	3757500.00	8.56E-07
377900.00	3759500.00	1.85E-05	377900.00	3759500.00	9.10E-04	377900.00	3759500.00	9.62E-07
377900.00	3760500.00	9.90E-06	377900.00	3760500.00	5.51E-04	377900.00	3760500.00	6.31E-07
377900.00	3761500.00	4.59E-06	377900.00	3761500.00	2.85E-04	377900.00	3761500.00	3.61E-07
377900.00	3762500.00	2.92E-06	377900.00	3762500.00	1.87E-04	377900.00	3762500.00	2.45E-07
377900.00	3763500.00	2.58E-06	377900.00	3763500.00	1.56E-04	377900.00	3763500.00	1.91E-07
377900.00	3764500.00	2.06E-06	377900.00	3764500.00	1.21E-04	377900.00	3764500.00	1.49E-07
378528.59	3764156.44	2.28E-06	378528.59	3764156.44	1.35E-04	378528.59	3764156.44	1.63E-07
378900.00	3753500.00	3.25E-06	378900.00	3753500.00	1.83E-04	378900.00	3753500.00	2.58E-07
378900.00	3755500.00	3.09E-06	378900.00	3755500.00	1.71E-04	378900.00	3755500.00	3.33E-07
378900.00	3756500.00	4.11E-06	378900.00	3756500.00	2.02E-04	378900.00	3756500.00	4.45E-07
378900.00	3757500.00	1.06E-05	378900.00	3757500.00	5.09E-04	378900.00	3757500.00	7.14E-07
378900.00	3758500.00	1.68E-05	378900.00	3758500.00	8.07E-04	378900.00	3758500.00	8.91E-07
378900.00	3759500.00	1.63E-05	378900.00	3759500.00	7.87E-04	378900.00	3759500.00	8.50E-07
378900.00	3760500.00	1.00E-05	378900.00	3760500.00	5.35E-04	378900.00	3760500.00	6.11E-07
378900.00	3762500.00	3.30E-06	378900.00	3762500.00	1.93E-04	378900.00	3762500.00	2.46E-07
378900.00	3763500.00	2.37E-06	378900.00	3763500.00	1.46E-04	378900.00	3763500.00	1.82E-07
378900.00	3764500.00	2.14E-06	378900.00	3764500.00	1.26E-04	378900.00	3764500.00	1.52E-07
378902.85	3757271.45	9.28E-06	378902.85	3757271.45	4.52E-04	378902.85	3757271.45	6.55E-07
379900.00	3754500.00	2.16E-06	379900.00	3754500.00	1.17E-04	379900.00	3754500.00	2.81E-07
379900.00	3755500.00	2.50E-06	379900.00	3755500.00	1.42E-04	379900.00	3755500.00	4.18E-07
379900.00	3756500.00	3.08E-06	379900.00	3756500.00	1.55E-04	379900.00	3756500.00	6.32E-07
379900.00	3757500.00	8.23E-06	379900.00	3757500.00	3.93E-04	379900.00	3757500.00	6.88E-07
379900.00	3759500.00	1.35E-05	379900.00	3759500.00	6.47E-04	379900.00	3759500.00	7.25E-07
379900.00	3760500.00	9.71E-06	379900.00	3760500.00	5.00E-04	379900.00	3760500.00	5.64E-07
379900.00	3761500.00	6.51E-06	379900.00	3761500.00	3.63E-04	379900.00	3761500.00	3.99E-07
379900.00	3762500.00	4.29E-06	379900.00	3762500.00	2.43E-04	379900.00	3762500.00	2.60E-07
379900.00	3763500.00	2.58E-06	379900.00	3763500.00	1.46E-04	379900.00	3763500.00	1.71E-07
379900.00	3764500.00	2.11E-06	379900.00	3764500.00	1.20E-04	379900.00	3764500.00	1.39E-07

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
UTM X	UTM Y	2024 Operations	UTM X	UTM Y	2024 Operations	UTM X	UTM Y	2024 Operations
380900.00	3753500.00	2.37E-06	380900.00	3753500.00	1.20E-04	380900.00	3753500.00	2.46E-07
380900.00	3754500.00	3.89E-06	380900.00	3754500.00	1.61E-04	380900.00	3754500.00	4.05E-07
380900.00	3755500.00	2.15E-06	380900.00	3755500.00	1.33E-04	380900.00	3755500.00	8.63E-07
380900.00	3756500.00	1.58E-06	380900.00	3756500.00	8.66E-05	380900.00	3756500.00	8.67E-07
380900.00	3757500.00	6.06E-06	380900.00	3757500.00	2.91E-04	380900.00	3757500.00	7.03E-07
380900.00	3758500.00	1.02E-05	380900.00	3758500.00	5.00E-04	380900.00	3758500.00	6.19E-07
380900.00	3759500.00	1.11E-05	380900.00	3759500.00	5.31E-04	380900.00	3759500.00	6.15E-07
380900.00	3760500.00	9.57E-06	380900.00	3760500.00	4.78E-04	380900.00	3760500.00	5.12E-07
380900.00	3761500.00	6.93E-06	380900.00	3761500.00	3.72E-04	380900.00	3761500.00	3.59E-07
380900.00	3762500.00	1.31E-05	380900.00	3762500.00	6.93E-04	380900.00	3762500.00	3.24E-07
380900.00	3763500.00	3.22E-06	380900.00	3763500.00	1.66E-04	380900.00	3763500.00	1.50E-07
381900.00	3754500.00	1.79E-06	381900.00	3754500.00	9.81E-05	381900.00	3754500.00	2.64E-07
381900.00	3755500.00	2.01E-06	381900.00	3755500.00	1.20E-04	381900.00	3755500.00	7.10E-07
381900.00	3756500.00	2.33E-06	381900.00	3756500.00	1.14E-04	381900.00	3756500.00	4.30E-07
381900.00	3757500.00	4.70E-06	381900.00	3757500.00	2.29E-04	381900.00	3757500.00	5.90E-07
381900.00	3759500.00	9.45E-06	381900.00	3759500.00	4.50E-04	381900.00	3759500.00	5.25E-07
381900.00	3760500.00	1.31E-05	381900.00	3760500.00	7.01E-04	381900.00	3760500.00	6.83E-07
381900.00	3761500.00	8.82E-06	381900.00	3761500.00	4.51E-04	381900.00	3761500.00	1.13E-07
381900.00	3762500.00	5.64E-06	381900.00	3762500.00	2.95E-04	381900.00	3762500.00	1.96E-07
381900.00	3763500.00	3.82E-06	381900.00	3763500.00	1.94E-04	381900.00	3763500.00	5.16E-08
381900.00	3764500.00	2.40E-06	381900.00	3764500.00	1.12E-04	381900.00	3764500.00	1.18E-07
382900.00	3753500.00	1.59E-06	382900.00	3753500.00	8.75E-05	382900.00	3753500.00	1.38E-07
382900.00	3754500.00	1.93E-06	382900.00	3754500.00	1.06E-04	382900.00	3754500.00	1.86E-07
382900.00	3755500.00	2.31E-06	382900.00	3755500.00	1.28E-04	382900.00	3755500.00	3.37E-07
382900.00	3756500.00	3.08E-06	382900.00	3756500.00	1.57E-04	382900.00	3756500.00	3.27E-07
382900.00	3757500.00	4.17E-06	382900.00	3757500.00	2.06E-04	382900.00	3757500.00	4.32E-07
382900.00	3758500.00	6.95E-06	382900.00	3758500.00	3.38E-04	382900.00	3758500.00	4.35E-07
382900.00	3759500.00	8.01E-06	382900.00	3759500.00	3.82E-04	382900.00	3759500.00	4.48E-07
382900.00	3760500.00	8.17E-06	382900.00	3760500.00	3.94E-04	382900.00	3760500.00	4.24E-07
382900.00	3761500.00	7.13E-06	382900.00	3761500.00	3.57E-04	382900.00	3761500.00	3.04E-07
382900.00	3762500.00	4.91E-06	382900.00	3762500.00	2.62E-04	382900.00	3762500.00	2.61E-07
382900.00	3763500.00	3.96E-06	382900.00	3763500.00	2.11E-04	382900.00	3763500.00	1.73E-07
382900.00	3764500.00	2.73E-06	382900.00	3764500.00	1.40E-04	382900.00	3764500.00	1.36E-07
383900.00	3753500.00	1.62E-06	383900.00	3753500.00	8.99E-05	383900.00	3753500.00	1.35E-07
383900.00	3754500.00	1.85E-06	383900.00	3754500.00	1.02E-04	383900.00	3754500.00	1.64E-07
383900.00	3755500.00	2.16E-06	383900.00	3755500.00	1.15E-04	383900.00	3755500.00	2.27E-07
383900.00	3756500.00	2.89E-06	383900.00	3756500.00	1.47E-04	383900.00	3756500.00	2.69E-07
383900.00	3757500.00	3.78E-06	383900.00	3757500.00	1.86E-04	383900.00	3757500.00	3.38E-07
383900.00	3762500.00	4.84E-06	383900.00	3762500.00	2.54E-04	383900.00	3762500.00	2.61E-07
383900.00	3763500.00	3.82E-06	383900.00	3763500.00	2.03E-04	383900.00	3763500.00	1.98E-07
383900.00	3764500.00	2.94E-06	383900.00	3764500.00	1.57E-04	383900.00	3764500.00	1.57E-07
384900.00	3753500.00	1.47E-06	384900.00	3753500.00	8.17E-05	384900.00	3753500.00	1.17E-07
384900.00	3754500.00	1.68E-06	384900.00	3754500.00	9.14E-05	384900.00	3754500.00	1.39E-07
384900.00	3755500.00	1.98E-06	384900.00	3755500.00	1.04E-04	384900.00	3755500.00	1.79E-07
384900.00	3756500.00	2.64E-06	384900.00	3756500.00	1.33E-04	384900.00	3756500.00	2.24E-07
384900.00	3757500.00	3.41E-06	384900.00	3757500.00	1.67E-04	384900.00	3757500.00	2.79E-07
384900.00	3758500.00	4.94E-06	384900.00	3758500.00	2.39E-04	384900.00	3758500.00	3.22E-07
384900.00	3759500.00	6.16E-06	384900.00	3759500.00	2.96E-04	384900.00	3759500.00	3.48E-07
384900.00	3760500.00	6.32E-06	384900.00	3760500.00	3.01E-04	384900.00	3760500.00	3.45E-07
384900.00	3761500.00	6.00E-06	384900.00	3761500.00	2.91E-04	384900.00	3761500.00	3.14E-07
384900.00	3762500.00	4.74E-06	384900.00	3762500.00	2.43E-04	384900.00	3762500.00	2.59E-07
384900.00	3763500.00	3.69E-06	384900.00	3763500.00	1.96E-04	384900.00	3763500.00	2.04E-07
384900.00	3764500.00	2.96E-06	384900.00	3764500.00	1.59E-04	384900.00	3764500.00	1.66E-07
371641.00	3756983.00	6.78E-04	371641.00	3756983.00	4.16E-02	371641.00	3756983.00	2.30E-05
371741.00	3756983.00	4.55E-04	371741.00	3756983.00	2.75E-02	371741.00	3756983.00	1.86E-05
371841.00	3756983.00	3.32E-04	371841.00	3756983.00	1.96E-02	371841.00	3756983.00	1.69E-05
371941.00	3756983.00	2.67E-04	371941.00	3756983.00	1.54E-02	371941.00	3756983.00	1.73E-05
371941.00	3757683.00	2.56E-04	371941.00	3757683.00	1.22E-02	371941.00	3757683.00	1.20E-05
372041.00	3756983.00	2.35E-04	372041.00	3756983.00	1.33E-02	372041.00	3756983.00	2.00E-05
372141.00	3756983.00	2.26E-04	372141.00	3756983.00	1.23E-02	372141.00	3756983.00	2.82E-05
372241.00	3756983.00	2.67E-04	372241.00	3756983.00	1.31E-02	372241.00	3756983.00	5.72E-05
372341.00	3756983.00	1.92E-04	372341.00	3756983.00	1.13E-02	372341.00	3756983.00	1.36E-05
372441.00	3756983.00	2.50E-04	372441.00	3756983.00	1.33E-02	372441.00	3756983.00	4.49E-05

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UTM X	UTM Y	2024 Operations		UTM X	UTM Y	2024 Operations		UTM X	UTM Y	2024 Operations	
372541.00	3756983.00	2.45E-04		372541.00	3756983.00	1.42E-02		372541.00	3756983.00	3.05E-05	
372641.00	3756983.00	2.58E-04		372641.00	3756983.00	1.57E-02		372641.00	3756983.00	2.56E-05	
373241.00	3756983.00	-4.25E-06		373241.00	3756983.00	1.75E-03		373241.00	3756983.00	8.35E-06	
373341.00	3756983.00	-6.13E-06		373341.00	3756983.00	1.38E-03		373341.00	3756983.00	7.13E-06	
373441.00	3756983.00	5.40E-06		373441.00	3756983.00	1.62E-03		373441.00	3756983.00	6.22E-06	
373441.00	3757583.00	1.97E-04		373441.00	3757583.00	1.05E-02		373441.00	3757583.00	1.21E-05	
373441.00	3757683.00	1.61E-04		373441.00	3757683.00	8.47E-03		373441.00	3757683.00	1.04E-05	
373441.00	3757783.00	1.35E-04		373441.00	3757783.00	7.00E-03		373441.00	3757783.00	8.57E-06	
373441.00	3757883.00	1.17E-04		373441.00	3757883.00	6.03E-03		373441.00	3757883.00	7.12E-06	
373441.00	3757983.00	1.02E-04		373441.00	3757983.00	5.25E-03		373441.00	3757983.00	5.94E-06	
373541.00	3756983.00	1.49E-05		373541.00	3756983.00	1.83E-03		373541.00	3756983.00	5.50E-06	
373541.00	3757083.00	5.52E-05		373541.00	3757083.00	3.55E-03		373541.00	3757083.00	6.60E-06	
373541.00	3757183.00	1.09E-04		373541.00	3757183.00	6.01E-03		373541.00	3757183.00	8.09E-06	
373541.00	3757283.00	1.66E-04		373541.00	3757283.00	8.87E-03		373541.00	3757283.00	9.66E-06	
373541.00	3757383.00	2.03E-04		373541.00	3757383.00	1.08E-02		373541.00	3757383.00	1.07E-05	
373541.00	3757483.00	2.07E-04		373541.00	3757483.00	1.10E-02		373541.00	3757483.00	1.13E-05	
373541.00	3757583.00	1.82E-04		373541.00	3757583.00	9.65E-03		373541.00	3757583.00	1.06E-05	
373541.00	3757683.00	1.54E-04		373541.00	3757683.00	8.06E-03		373541.00	3757683.00	9.38E-06	
366455.27	3763213.67	2.31E-06		366455.27	3763213.67	1.23E-04		366455.27	3763213.67	2.36E-07	
366669.62	3763342.53	2.50E-06		366669.62	3763342.53	1.35E-04		366669.62	3763342.53	2.31E-07	
366671.31	3762769.21	7.58E-07		366671.31	3762769.21	4.64E-05		366671.31	3762769.21	2.85E-07	
367494.53	3758314.82	1.31E-05		367494.53	3758314.82	5.70E-04		367494.53	3758314.82	8.33E-07	
367575.16	3764900.80	2.29E-06		367575.16	3764900.80	1.29E-04		367575.16	3764900.80	1.68E-07	
367638.49	3757975.16	1.48E-05		367638.49	3757975.16	6.92E-04		367638.49	3757975.16	8.34E-07	
367728.62	3761967.19	4.31E-06		367728.62	3761967.19	2.23E-04		367728.62	3761967.19	3.13E-07	
367787.59	3758292.62	1.63E-05		367787.59	3758292.62	7.49E-04		367787.59	3758292.62	9.48E-07	
367831.34	3763245.91	2.59E-06		367831.34	3763245.91	1.47E-04		367831.34	3763245.91	2.65E-07	
367900.00	3758500.00	1.53E-05		367900.00	3758500.00	6.41E-04		367900.00	3758500.00	9.28E-07	
367926.08	3763311.16	2.62E-06		367926.08	3763311.16	1.49E-04		367926.08	3763311.16	2.61E-07	
367964.98	3758232.97	1.73E-05		367964.98	3758232.97	8.10E-04		367964.98	3758232.97	9.97E-07	
367976.37	3763336.74	2.64E-06		367976.37	3763336.74	1.50E-04		367976.37	3763336.74	2.60E-07	
367978.91	3758390.10	1.62E-05		367978.91	3758390.10	7.31E-04		367978.91	3758390.10	9.57E-07	
368188.78	3758591.47	1.54E-05		368188.78	3758591.47	5.82E-04		368188.78	3758591.47	9.74E-07	
368501.11	3761632.38	5.21E-06		368501.11	3761632.38	2.71E-04		368501.11	3761632.38	3.72E-07	
368505.49	3758571.22	1.67E-05		368505.49	3758571.22	7.34E-04		368505.49	3758571.22	9.69E-07	
368673.29	3761677.69	4.99E-06		368673.29	3761677.69	2.68E-04		368673.29	3761677.69	3.76E-07	
368693.42	3758359.47	2.04E-05		368693.42	3758359.47	9.27E-04		368693.42	3758359.47	1.14E-06	
368842.92	3761590.39	5.04E-06		368842.92	3761590.39	2.75E-04		368842.92	3761590.39	3.93E-07	
368869.11	3754097.89	1.12E-05		368869.11	3754097.89	6.26E-04		368869.11	3754097.89	6.73E-07	
368869.83	3765067.00	2.23E-06		368869.83	3765067.00	1.28E-04		368869.83	3765067.00	1.48E-07	
368969.99	3761647.20	4.59E-06		368969.99	3761647.20	2.63E-04		368969.99	3761647.20	3.94E-07	
368970.54	3754677.64	1.38E-05		368970.54	3754677.64	7.46E-04		368970.54	3754677.64	7.43E-07	
369007.11	3762513.11	3.77E-06		369007.11	3762513.11	2.11E-04		369007.11	3762513.11	3.16E-07	
369227.99	3762251.91	3.95E-06		369227.99	3762251.91	2.21E-04		369227.99	3762251.91	3.41E-07	
369242.37	3754695.62	1.47E-05		369242.37	3754695.62	8.05E-04		369242.37	3754695.62	7.97E-07	
369456.98	3762567.48	3.82E-06		369456.98	3762567.48	2.17E-04		369456.98	3762567.48	3.21E-07	
369504.00	3754702.08	1.55E-05		369504.00	3754702.08	8.55E-04		369504.00	3754702.08	8.61E-07	
369767.91	3761150.98	5.86E-06		369767.91	3761150.98	3.06E-04		369767.91	3761150.98	5.11E-07	
369809.34	3764567.65	2.26E-06		369809.34	3764567.65	1.42E-04		369809.34	3764567.65	2.07E-07	
369845.18	3754154.97	1.09E-05		369845.18	3754154.97	6.12E-04		369845.18	3754154.97	7.15E-07	
369848.41	3753976.49	1.14E-05		369848.41	3753976.49	6.42E-04		369848.41	3753976.49	6.90E-07	
370097.88	3760014.31	7.55E-06		370097.88	3760014.31	3.36E-04		370097.88	3760014.31	6.43E-07	
370150.95	3754699.75	1.67E-05		370150.95	3754699.75	9.36E-04		370150.95	3754699.75	1.00E-06	
370192.96	3758860.70	2.63E-05		370192.96	3758860.70	1.34E-03		370192.96	3758860.70	1.24E-06	
370243.17	3759622.98	1.06E-05		370243.17	3759622.98	4.65E-04		370243.17	3759622.98	7.88E-07	
370246.20	3754243.12	1.40E-05		370246.20	3754243.12	7.89E-04		370246.20	3754243.12	8.28E-07	
370290.74	3759464.60	1.26E-05		370290.74	3759464.60	5.93E-04		370290.74	3759464.60	8.52E-07	
370608.78	3762239.97	3.37E-06		370608.78	3762239.97	2.22E-04		370608.78	3762239.97	3.93E-07	
370614.80	3762181.53	3.49E-06		370614.80	3762181.53	2.27E-04		370614.80	3762181.53	3.99E-07	
370625.96	3763759.08	2.55E-06		370625.96	3763759.08	1.64E-04		370625.96	3763759.08	2.56E-07	
370723.56	3763867.78	2.66E-06		370723.56	3763867.78	1.67E-04		370723.56	3763867.78	2.49E-07	
370968.58	3759443.63	1.33E-05		370968.58	3759443.63	7.78E-04		370968.58	3759443.63	8.93E-07	
371139.14	3758179.30	9.17E-05		371139.14	3758179.30	4.32E-03		371139.14	3758179.30	3.51E-06	

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UTM X	UTM Y	2024 Operations	UTM X	UTM Y	2024 Operations	UTM X	UTM Y	2024 Operations
371516.05	3762577.75	-2.81E-06	371516.05	3762577.75	5.64E-05	371516.05	3762577.75	4.30E-07
371721.40	3759371.61	1.75E-05	371721.40	3759371.61	1.23E-03	371721.40	3759371.61	1.23E-06
371973.81	3758892.65	3.14E-05	371973.81	3758892.65	1.87E-03	371973.81	3758892.65	2.09E-06
372687.72	3759513.01	-4.12E-05	372687.72	3759513.01	-1.54E-04	372687.72	3759513.01	7.19E-07
372943.49	3761051.66	1.27E-06	372943.49	3761051.66	1.93E-04	372943.49	3761051.66	4.08E-07
373546.52	3760907.48	-5.94E-06	373546.52	3760907.48	-1.38E-04	373546.52	3760907.48	3.09E-07
373736.60	3756503.93	3.13E-05	373736.60	3756503.93	1.96E-03	373736.60	3756503.93	2.63E-06
373758.20	3758043.23	8.87E-05	373758.20	3758043.23	4.48E-03	373758.20	3758043.23	5.00E-06
373781.58	3755802.14	3.02E-05	373781.58	3755802.14	1.72E-03	373781.58	3755802.14	2.57E-06
373814.20	3756040.57	3.21E-05	373814.20	3756040.57	2.06E-03	373814.20	3756040.57	9.76E-07
373990.06	3753826.14	1.34E-05	373990.06	3753826.14	7.48E-04	373990.06	3753826.14	1.07E-06
374057.73	3758196.51	8.42E-05	374057.73	3758196.51	4.17E-03	374057.73	3758196.51	3.91E-06
374270.95	3758673.42	3.84E-05	374270.95	3758673.42	1.99E-03	374270.95	3758673.42	2.18E-06
374561.05	3757642.94	7.79E-05	374561.05	3757642.94	3.89E-03	374561.05	3757642.94	3.95E-06
374688.84	3758984.90	2.84E-05	374688.84	3758984.90	1.47E-03	374688.84	3758984.90	1.66E-06
374693.96	3758983.17	2.85E-05	374693.96	3758983.17	1.47E-03	374693.96	3758983.17	1.67E-06
374717.46	3762574.39	1.46E-06	374717.46	3762574.39	8.60E-05	374717.46	3762574.39	1.29E-07
375503.80	3764537.77	1.95E-06	375503.80	3764537.77	1.18E-04	375503.80	3764537.77	1.43E-07
375614.97	3760555.10	3.10E-06	375614.97	3760555.10	3.17E-04	375614.97	3760555.10	4.65E-07
375718.04	3758204.95	4.56E-05	375718.04	3758204.95	2.20E-03	375718.04	3758204.95	2.38E-06
375902.79	3764940.52	1.97E-06	375902.79	3764940.52	1.22E-04	375902.79	3764940.52	1.44E-07
375908.38	3763938.71	1.75E-06	375908.38	3763938.71	9.91E-05	375908.38	3763938.71	1.48E-07
375920.60	3762083.39	2.67E-06	375920.60	3762083.39	1.70E-04	375920.60	3762083.39	2.18E-07
376709.15	3756388.48	9.36E-06	376709.15	3756388.48	5.13E-04	376709.15	3756388.48	7.51E-07
376814.39	3754856.21	6.14E-06	376814.39	3754856.21	3.48E-04	376814.39	3754856.21	4.69E-07
377050.15	3761774.29	2.92E-06	377050.15	3761774.29	2.14E-04	377050.15	3761774.29	2.98E-07
377052.34	3761911.90	2.75E-06	377052.34	3761911.90	2.00E-04	377052.34	3761911.90	2.83E-07
377227.14	3756422.42	8.43E-06	377227.14	3756422.42	4.53E-04	377227.14	3756422.42	6.41E-07
377237.88	3763993.21	2.24E-06	377237.88	3763993.21	1.32E-04	377237.88	3763993.21	1.65E-07
377313.01	3756205.13	7.77E-06	377313.01	3756205.13	4.23E-04	377313.01	3756205.13	7.67E-07
377330.56	3760754.60	7.67E-06	377330.56	3760754.60	4.64E-04	377330.56	3760754.60	5.20E-07
377342.37	3764027.27	2.24E-06	377342.37	3764027.27	1.32E-04	377342.37	3764027.27	1.64E-07
377388.19	3762578.39	2.81E-06	377388.19	3762578.39	1.85E-04	377388.19	3762578.39	2.43E-07
377563.47	3760340.44	1.11E-05	377563.47	3760340.44	6.11E-04	377563.47	3760340.44	6.87E-07
377753.42	3759272.76	2.07E-05	377753.42	3759272.76	1.00E-03	377753.42	3759272.76	1.05E-06
377839.66	3764649.02	1.97E-06	377839.66	3764649.02	1.15E-04	377839.66	3764649.02	1.42E-07
377841.65	3762246.94	3.12E-06	377841.65	3762246.94	2.01E-04	377841.65	3762246.94	2.65E-07
377908.39	3762502.03	2.92E-06	377908.39	3762502.03	1.87E-04	377908.39	3762502.03	2.45E-07
377916.00	3755241.12	5.03E-06	377916.00	3755241.12	2.81E-04	377916.00	3755241.12	4.17E-07
377924.86	3763642.88	2.53E-06	377924.86	3763642.88	1.52E-04	377924.86	3763642.88	1.84E-07
377967.05	3762224.48	3.18E-06	377967.05	3762224.48	2.02E-04	377967.05	3762224.48	2.67E-07
378003.52	3753139.05	3.64E-06	378003.52	3753139.05	2.07E-04	378003.52	3753139.05	2.71E-07
378022.11	3755897.25	4.91E-06	378022.11	3755897.25	2.66E-04	378022.11	3755897.25	4.14E-07
378066.59	3761432.90	5.08E-06	378066.59	3761432.90	3.11E-04	378066.59	3761432.90	3.79E-07
378209.66	3764122.39	2.33E-06	378209.66	3764122.39	1.38E-04	378209.66	3764122.39	1.65E-07
378212.33	3753511.52	3.66E-06	378212.33	3753511.52	2.07E-04	378212.33	3753511.52	2.79E-07
378223.51	3760237.39	1.22E-05	378223.51	3760237.39	6.47E-04	378223.51	3760237.39	7.15E-07
378326.90	3764105.95	2.33E-06	378326.90	3764105.95	1.38E-04	378326.90	3764105.95	1.65E-07
378366.51	3755075.26	3.84E-06	378366.51	3755075.26	2.14E-04	378366.51	3755075.26	3.15E-07
378370.05	3759869.86	1.48E-05	378370.05	3759869.86	7.46E-04	378370.05	3759869.86	8.12E-07
378781.96	3760336.17	1.13E-05	378781.96	3760336.17	5.91E-04	378781.96	3760336.17	6.62E-07
378862.39	3757229.87	9.09E-06	378862.39	3757229.87	4.44E-04	378862.39	3757229.87	6.46E-07
366900.00	3759500.00	7.27E-06	366900.00	3759500.00	3.00E-04	366900.00	3759500.00	4.72E-07
367900.00	3759500.00	1.11E-05	367900.00	3759500.00	2.19E-04	367900.00	3759500.00	8.43E-07
366900.00	3760500.00	5.58E-06	366900.00	3760500.00	2.62E-04	366900.00	3760500.00	3.69E-07
366900.00	3761500.00	4.17E-06	366900.00	3761500.00	2.09E-04	366900.00	3761500.00	3.07E-07
367900.00	3753500.00	7.41E-06	367900.00	3753500.00	4.01E-04	367900.00	3753500.00	4.13E-07
367900.00	3754500.00	9.84E-06	367900.00	3754500.00	5.28E-04	367900.00	3754500.00	5.25E-07
367900.00	3760500.00	7.05E-06	367900.00	3760500.00	3.17E-04	367900.00	3760500.00	4.63E-07
367900.00	3763500.00	1.81E-06	367900.00	3763500.00	1.22E-04	367900.00	3763500.00	2.72E-07
368900.00	3753500.00	8.70E-06	368900.00	3753500.00	4.83E-04	368900.00	3753500.00	5.29E-07
368900.00	3758500.00	1.97E-05	368900.00	3758500.00	8.91E-04	368900.00	3758500.00	1.11E-06
368900.00	3760500.00	8.54E-06	368900.00	3760500.00	3.99E-04	368900.00	3760500.00	5.57E-07

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
UTM X	UTM Y	2024 Operations	UTM X	UTM Y	2024 Operations	UTM X	UTM Y	2024 Operations
369079.58	3758184.29	2.71E-05	369079.58	3758184.29	1.34E-03	369079.58	3758184.29	1.38E-06
369900.00	3753500.00	9.50E-06	369900.00	3753500.00	5.38E-04	369900.00	3753500.00	5.64E-07
369900.00	3760500.00	8.98E-06	369900.00	3760500.00	4.56E-04	369900.00	3760500.00	6.47E-07
369900.00	3763500.00	-3.95E-08	369900.00	3763500.00	6.58E-05	369900.00	3763500.00	2.73E-07
370313.67	3758254.27	5.45E-05	370313.67	3758254.27	2.54E-03	370313.67	3758254.27	2.31E-06
370834.03	3758177.01	8.66E-05	370834.03	3758177.01	3.92E-03	370834.03	3758177.01	3.50E-06
370900.00	3753500.00	1.07E-05	370900.00	3753500.00	5.98E-04	370900.00	3753500.00	6.49E-07
370900.00	3754500.00	1.56E-05	370900.00	3754500.00	8.89E-04	370900.00	3754500.00	9.65E-07
370900.00	3755500.00	-2.87E-05	370900.00	3755500.00	-1.05E-03	370900.00	3755500.00	2.00E-06
370900.00	3758500.00	4.74E-05	370900.00	3758500.00	2.30E-03	370900.00	3758500.00	2.03E-06
370900.00	3761500.00	1.06E-06	370900.00	3761500.00	6.15E-05	370900.00	3761500.00	5.99E-07
370933.96	3757895.90	1.65E-04	370933.96	3757895.90	6.15E-03	370933.96	3757895.90	6.22E-06
371041.00	3757083.00	6.03E-04	371041.00	3757083.00	3.05E-02	371041.00	3757083.00	2.20E-05
371041.00	3757183.00	8.78E-04	371041.00	3757183.00	3.64E-02	371041.00	3757183.00	3.19E-05
371041.00	3757283.00	1.41E-03	371041.00	3757283.00	4.24E-02	371041.00	3757283.00	2.49E-05
371141.00	3757083.00	8.96E-04	371141.00	3757083.00	5.02E-02	371141.00	3757083.00	2.94E-05
371141.00	3757183.00	1.19E-03	371141.00	3757183.00	6.24E-02	371141.00	3757183.00	3.97E-05
371141.00	3757283.00	1.12E-03	371141.00	3757283.00	5.27E-02	371141.00	3757283.00	2.79E-05
371150.00	3757970.99	1.46E-04	371150.00	3757970.99	6.43E-03	371150.00	3757970.99	5.77E-06
371241.00	3757083.00	1.54E-03	371241.00	3757083.00	9.28E-02	371241.00	3757083.00	4.49E-05
371241.00	3757183.00	2.27E-03	371241.00	3757183.00	1.37E-01	371241.00	3757183.00	6.13E-05
371341.00	3757083.00	3.11E-03	371341.00	3757083.00	1.94E-01	371341.00	3757083.00	8.07E-05
371341.00	3757183.00	9.02E-03	371341.00	3757183.00	5.62E-01	371341.00	3757183.00	1.98E-04
371441.00	3757083.00	4.44E-03	371441.00	3757083.00	2.75E-01	371441.00	3757083.00	1.04E-04
371441.00	3757183.00	2.01E-05	371441.00	3757183.00	-2.38E-03	371441.00	3757183.00	6.61E-06
371539.56	3757095.63	2.57E-03	371539.56	3757095.63	1.55E-01	371539.56	3757095.63	6.93E-05
371540.36	3757178.31	8.29E-03	371540.36	3757178.31	4.60E-01	371540.36	3757178.31	1.81E-04
371614.33	3757093.32	1.41E-03	371614.33	3757093.32	8.31E-02	371614.33	3757093.32	4.44E-05
371615.15	3757177.59	3.62E-03	371615.15	3757177.59	1.97E-01	371615.15	3757177.59	8.72E-05
371641.00	3757083.00	1.10E-03	371641.00	3757083.00	6.49E-02	371641.00	3757083.00	3.68E-05
371641.00	3757183.00	3.04E-03	371641.00	3757183.00	1.65E-01	371641.00	3757183.00	7.45E-05
371741.00	3757083.00	6.77E-04	371741.00	3757083.00	3.85E-02	371741.00	3757083.00	2.69E-05
371741.00	3757183.00	1.49E-03	371741.00	3757183.00	7.78E-02	371741.00	3757183.00	4.36E-05
371741.00	3757283.00	2.07E-03	371741.00	3757283.00	1.13E-01	371741.00	3757283.00	4.80E-05
371841.00	3757083.00	4.84E-04	371841.00	3757083.00	2.68E-02	371841.00	3757083.00	2.26E-05
371841.00	3757183.00	9.32E-04	371841.00	3757183.00	4.84E-02	371841.00	3757183.00	3.15E-05
371841.00	3757283.00	8.66E-04	371841.00	3757283.00	4.10E-02	371841.00	3757283.00	3.52E-05
371900.00	3753500.00	1.13E-05	371900.00	3753500.00	6.33E-04	371900.00	3753500.00	7.06E-07
371900.00	3754500.00	1.84E-05	371900.00	3754500.00	1.04E-03	371900.00	3754500.00	1.16E-06
371900.00	3760500.00	5.51E-06	371900.00	3760500.00	5.09E-04	371900.00	3760500.00	7.14E-07
371900.00	3761500.00	4.69E-06	371900.00	3761500.00	3.25E-04	371900.00	3761500.00	5.20E-07
371900.00	3764500.00	2.60E-06	371900.00	3764500.00	1.63E-04	371900.00	3764500.00	1.96E-07
371941.00	3757083.00	3.86E-04	371941.00	3757083.00	2.12E-02	371941.00	3757083.00	2.15E-05
371941.00	3757183.00	6.82E-04	371941.00	3757183.00	3.59E-02	371941.00	3757183.00	2.66E-05
371941.00	3757283.00	8.53E-04	371941.00	3757283.00	4.43E-02	371941.00	3757283.00	2.93E-05
371941.00	3757383.00	7.34E-04	371941.00	3757383.00	3.79E-02	371941.00	3757383.00	2.65E-05
372041.00	3757083.00	3.33E-04	372041.00	3757083.00	1.80E-02	372041.00	3757083.00	2.36E-05
372041.00	3757183.00	5.33E-04	372041.00	3757183.00	2.82E-02	372041.00	3757183.00	2.60E-05
372041.00	3757283.00	6.87E-04	372041.00	3757283.00	3.61E-02	372041.00	3757283.00	2.73E-05
372041.00	3757383.00	6.39E-04	372041.00	3757383.00	3.31E-02	372041.00	3757383.00	2.54E-05
372041.00	3757783.00	1.95E-04	372041.00	3757783.00	9.27E-03	372041.00	3757783.00	1.01E-05
372041.00	3757883.00	1.55E-04	372041.00	3757883.00	7.36E-03	372041.00	3757883.00	8.20E-06
372041.00	3757983.00	1.26E-04	372041.00	3757983.00	6.04E-03	372041.00	3757983.00	6.80E-06
372141.00	3757083.00	3.10E-04	372141.00	3757083.00	1.64E-02	372141.00	3757083.00	3.23E-05
372141.00	3757183.00	4.49E-04	372141.00	3757183.00	2.38E-02	372141.00	3757183.00	2.95E-05
372141.00	3757283.00	5.65E-04	372141.00	3757283.00	2.98E-02	372141.00	3757283.00	2.86E-05
372141.00	3757783.00	1.96E-04	372141.00	3757783.00	9.45E-03	372141.00	3757783.00	1.07E-05
372141.00	3757883.00	1.54E-04	372141.00	3757883.00	7.40E-03	372141.00	3757883.00	8.61E-06
372141.00	3757983.00	1.25E-04	372141.00	3757983.00	6.04E-03	372141.00	3757983.00	7.06E-06
372241.00	3757083.00	3.63E-04	372241.00	3757083.00	1.73E-02	372241.00	3757083.00	7.25E-05
372241.00	3757183.00	4.03E-04	372241.00	3757183.00	2.12E-02	372241.00	3757183.00	3.83E-05
372241.00	3757283.00	4.91E-04	372241.00	3757283.00	2.60E-02	372241.00	3757283.00	3.38E-05
372241.00	3757483.00	4.25E-04	372241.00	3757483.00	2.20E-02	372241.00	3757483.00	2.49E-05

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UTM X	UTM Y		2024 Operations	UTM X	UTM Y		2024 Operations	UTM X	UTM Y		2024 Operations
372241.00	3757583.00		3.42E-04	372241.00	3757583.00		1.76E-02	372241.00	3757583.00		1.91E-05
372241.00	3757683.00		2.62E-04	372241.00	3757683.00		1.32E-02	372241.00	3757683.00		1.47E-05
372241.00	3757783.00		1.99E-04	372241.00	3757783.00		9.79E-03	372241.00	3757783.00		1.14E-05
372341.00	3757083.00		2.61E-04	372341.00	3757083.00		1.48E-02	372341.00	3757083.00		1.91E-05
372341.00	3757183.00		4.01E-04	372341.00	3757183.00		2.11E-02	372341.00	3757183.00		4.78E-05
372341.00	3757283.00		4.57E-04	372341.00	3757283.00		2.43E-02	372341.00	3757283.00		4.59E-05
372341.00	3757383.00		4.55E-04	372341.00	3757383.00		2.38E-02	372341.00	3757383.00		4.35E-05
372341.00	3757483.00		4.03E-04	372341.00	3757483.00		2.10E-02	372341.00	3757483.00		3.10E-05
372341.00	3757583.00		3.34E-04	372341.00	3757583.00		1.73E-02	372341.00	3757583.00		2.17E-05
372341.00	3757683.00		2.63E-04	372341.00	3757683.00		1.34E-02	372341.00	3757683.00		1.59E-05
372341.00	3757783.00		2.03E-04	372341.00	3757783.00		1.02E-02	372341.00	3757783.00		1.21E-05
372441.00	3757083.00		3.89E-04	372441.00	3757083.00		1.87E-02	372441.00	3757083.00		7.97E-05
372441.00	3757183.00		4.18E-04	372441.00	3757183.00		2.28E-02	372441.00	3757183.00		5.63E-05
372441.00	3757283.00		4.75E-04	372441.00	3757283.00		2.52E-02	372441.00	3757283.00		8.23E-05
372441.00	3757383.00		4.56E-04	372441.00	3757383.00		2.30E-02	372441.00	3757383.00		9.38E-05
372441.00	3757483.00		3.94E-04	372441.00	3757483.00		2.05E-02	372441.00	3757483.00		4.37E-05
372441.00	3757583.00		3.27E-04	372441.00	3757583.00		1.71E-02	372441.00	3757583.00		2.51E-05
372441.00	3757683.00		2.62E-04	372441.00	3757683.00		1.36E-02	372441.00	3757683.00		1.71E-05
372441.00	3757783.00		2.06E-04	372441.00	3757783.00		1.05E-02	372441.00	3757783.00		1.26E-05
372441.00	3757883.00		1.61E-04	372441.00	3757883.00		8.05E-03	372441.00	3757883.00		9.76E-06
372441.00	3757983.00		1.27E-04	372441.00	3757983.00		6.28E-03	372441.00	3757983.00		7.78E-06
372541.00	3757083.00		3.85E-04	372541.00	3757083.00		2.13E-02	372541.00	3757083.00		5.00E-05
372541.00	3757183.00		5.25E-04	372541.00	3757183.00		2.99E-02	372541.00	3757183.00		6.22E-05
372541.00	3757283.00		5.64E-04	372541.00	3757283.00		3.33E-02	372541.00	3757283.00		2.42E-05
372541.00	3757383.00		4.71E-04	372541.00	3757383.00		2.68E-02	372541.00	3757383.00		1.78E-05
372541.00	3757483.00		4.03E-04	372541.00	3757483.00		2.12E-02	372541.00	3757483.00		5.76E-05
372541.00	3757583.00		3.25E-04	372541.00	3757583.00		1.72E-02	372541.00	3757583.00		2.72E-05
372541.00	3757683.00		2.60E-04	372541.00	3757683.00		1.36E-02	372541.00	3757683.00		1.77E-05
372541.00	3757783.00		2.06E-04	372541.00	3757783.00		1.06E-02	372541.00	3757783.00		1.29E-05
372541.00	3757883.00		1.63E-04	372541.00	3757883.00		8.27E-03	372541.00	3757883.00		9.90E-06
372541.00	3757983.00		1.29E-04	372541.00	3757983.00		6.46E-03	372541.00	3757983.00		7.88E-06
372641.00	3757383.00		6.42E-04	372641.00	3757383.00		3.30E-02	372641.00	3757383.00		1.84E-04
372641.00	3757483.00		4.24E-04	372641.00	3757483.00		2.31E-02	372641.00	3757483.00		5.79E-05
372641.00	3757583.00		3.23E-04	372641.00	3757583.00		1.74E-02	372641.00	3757583.00		2.63E-05
372641.00	3757683.00		2.56E-04	372641.00	3757683.00		1.35E-02	372641.00	3757683.00		1.72E-05
372641.00	3757783.00		2.04E-04	372641.00	3757783.00		1.07E-02	372641.00	3757783.00		1.26E-05
372641.00	3757883.00		1.63E-04	372641.00	3757883.00		8.43E-03	372641.00	3757883.00		9.76E-06
372641.00	3757983.00		1.31E-04	372641.00	3757983.00		6.65E-03	372641.00	3757983.00		7.82E-06
372741.00	3757683.00		2.51E-04	372741.00	3757683.00		1.35E-02	372741.00	3757683.00		1.63E-05
372741.00	3757783.00		2.01E-04	372741.00	3757783.00		1.06E-02	372741.00	3757783.00		1.20E-05
372741.00	3757883.00		1.62E-04	372741.00	3757883.00		8.46E-03	372741.00	3757883.00		9.41E-06
372741.00	3757983.00		1.31E-04	372741.00	3757983.00		6.75E-03	372741.00	3757983.00		7.61E-06
372841.00	3757783.00		1.95E-04	372841.00	3757783.00		1.03E-02	372841.00	3757783.00		1.15E-05
372841.00	3757883.00		1.59E-04	372841.00	3757883.00		8.35E-03	372841.00	3757883.00		8.98E-06
372841.00	3757983.00		1.30E-04	372841.00	3757983.00		6.76E-03	372841.00	3757983.00		7.31E-06
372843.75	3756668.92		2.61E-05	372843.75	3756668.92		2.63E-03	372843.75	3756668.92		7.62E-06
372857.79	3756854.91		7.51E-07	372857.79	3756854.91		2.46E-03	372857.79	3756854.91		1.19E-05
372900.00	3758500.00		4.48E-05	372900.00	3758500.00		2.43E-03	372900.00	3758500.00		3.24E-06
372900.00	3763500.00		1.30E-06	372900.00	3763500.00		6.90E-05	372900.00	3763500.00		1.21E-07
372900.00	3764500.00		1.63E-06	372900.00	3764500.00		9.27E-05	372900.00	3764500.00		1.22E-07
372941.00	3757783.00		1.83E-04	372941.00	3757783.00		9.71E-03	372941.00	3757783.00		1.10E-05
372941.00	3757883.00		1.52E-04	372941.00	3757883.00		8.00E-03	372941.00	3757883.00		8.60E-06
372941.00	3757983.00		1.26E-04	372941.00	3757983.00		6.59E-03	372941.00	3757983.00		7.01E-06
373035.50	3755453.68		3.04E-05	373035.50	3755453.68		1.72E-03	373035.50	3755453.68		2.45E-06
373035.50	3755652.82		3.20E-05	373035.50	3755652.82		1.87E-03	373035.50	3755652.82		2.60E-06
373041.00	3757783.00		1.70E-04	373041.00	3757783.00		8.95E-03	373041.00	3757783.00		1.06E-05
373041.00	3757883.00		1.44E-04	373041.00	3757883.00		7.53E-03	373041.00	3757883.00		8.27E-06
373041.00	3757983.00		1.21E-04	373041.00	3757983.00		6.32E-03	373041.00	3757983.00		6.74E-06
373141.00	3757783.00		1.58E-04	373141.00	3757783.00		8.29E-03	373141.00	3757783.00		1.01E-05
373141.00	3757883.00		1.35E-04	373141.00	3757883.00		7.06E-03	373141.00	3757883.00		7.99E-06
373141.00	3757983.00		1.16E-04	373141.00	3757983.00		6.01E-03	373141.00	3757983.00		6.52E-06
373241.00	3757783.00		1.49E-04	373241.00	3757783.00		7.78E-03	373241.00	3757783.00		9.69E-06
373241.00	3757883.00		1.28E-04	373241.00	3757883.00		6.67E-03	373241.00	3757883.00		7.74E-06

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
UTM X	UTM Y	2024 Operations	UTM X	UTM Y	2024 Operations	UTM X	UTM Y	2024 Operations
373241.00	3757983.00	1.11E-04	373241.00	3757983.00	5.73E-03	373241.00	3757983.00	6.34E-06
373247.31	3756833.85	-1.40E-04	373247.31	3756833.85	-3.76E-03	373247.31	3756833.85	6.38E-06
373250.82	3756654.89	1.89E-05	373250.82	3756654.89	1.86E-03	373250.82	3756654.89	4.89E-06
373258.92	3755458.54	3.32E-05	373258.92	3755458.54	1.80E-03	373258.92	3755458.54	3.15E-06
373278.35	3755647.97	3.44E-05	373278.35	3755647.97	1.95E-03	373278.35	3755647.97	3.59E-06
373341.00	3757783.00	1.42E-04	373341.00	3757783.00	7.37E-03	373341.00	3757783.00	9.22E-06
373341.00	3757883.00	1.23E-04	373341.00	3757883.00	6.35E-03	373341.00	3757883.00	7.49E-06
373341.00	3757983.00	1.06E-04	373341.00	3757983.00	5.49E-03	373341.00	3757983.00	6.18E-06
373441.00	3757083.00	6.49E-05	373441.00	3757083.00	4.16E-03	373441.00	3757083.00	7.63E-06
373441.00	3757183.00	1.33E-04	373441.00	3757183.00	7.32E-03	373441.00	3757183.00	9.57E-06
373441.00	3757283.00	2.06E-04	373441.00	3757283.00	1.11E-02	373441.00	3757283.00	1.16E-05
373441.00	3757383.00	2.49E-04	373441.00	3757383.00	1.33E-02	373441.00	3757383.00	1.29E-05
373441.00	3757483.00	2.37E-04	373441.00	3757483.00	1.27E-02	373441.00	3757483.00	1.31E-05
373900.00	3759500.00	1.30E-05	373900.00	3759500.00	8.68E-04	373900.00	3759500.00	1.12E-06
373900.00	3762500.00	1.87E-06	373900.00	3762500.00	1.27E-04	373900.00	3762500.00	1.65E-07
373900.00	3763500.00	9.82E-07	373900.00	3763500.00	5.52E-05	373900.00	3763500.00	1.11E-07
374900.00	3753500.00	7.83E-06	374900.00	3753500.00	4.42E-04	374900.00	3753500.00	5.64E-07
374900.00	3758500.00	4.76E-05	374900.00	3758500.00	2.38E-03	374900.00	3758500.00	2.63E-06
375900.00	3754500.00	7.51E-06	375900.00	3754500.00	4.28E-04	375900.00	3754500.00	5.56E-07
375900.00	3757500.00	2.82E-05	375900.00	3757500.00	1.45E-03	375900.00	3757500.00	1.69E-06
375900.00	3758500.00	4.03E-05	375900.00	3758500.00	1.96E-03	375900.00	3758500.00	2.08E-06
375900.00	3759500.00	2.02E-05	375900.00	3759500.00	1.04E-03	375900.00	3759500.00	1.12E-06
376900.00	3753500.00	4.49E-06	376900.00	3753500.00	2.54E-04	376900.00	3753500.00	3.48E-07
376900.00	3754500.00	5.64E-06	376900.00	3754500.00	3.21E-04	376900.00	3754500.00	4.24E-07
376900.00	3757500.00	1.97E-05	376900.00	3757500.00	9.74E-04	376900.00	3757500.00	1.20E-06
376900.00	3763500.00	2.47E-06	376900.00	3763500.00	1.46E-04	376900.00	3763500.00	1.86E-07
377900.00	3758500.00	2.11E-05	377900.00	3758500.00	1.00E-03	377900.00	3758500.00	1.10E-06
378900.00	3754500.00	2.70E-06	378900.00	3754500.00	1.51E-04	378900.00	3754500.00	2.48E-07
378900.00	3761500.00	5.76E-06	378900.00	3761500.00	3.35E-04	378900.00	3761500.00	3.92E-07
379900.00	3753500.00	2.93E-06	379900.00	3753500.00	1.62E-04	379900.00	3753500.00	2.48E-07
379900.00	3758500.00	1.33E-05	379900.00	3758500.00	6.43E-04	379900.00	3758500.00	7.46E-07
380900.00	3764500.00	3.44E-06	380900.00	3764500.00	1.44E-04	380900.00	3764500.00	1.02E-07
381900.00	3753500.00	1.66E-06	381900.00	3753500.00	9.05E-05	381900.00	3753500.00	1.65E-07
381900.00	3758500.00	8.44E-06	381900.00	3758500.00	4.10E-04	381900.00	3758500.00	5.13E-07
383900.00	3758500.00	5.80E-06	383900.00	3758500.00	2.81E-04	383900.00	3758500.00	3.73E-07
383900.00	3759500.00	6.99E-06	383900.00	3759500.00	3.35E-04	383900.00	3759500.00	3.93E-07
383900.00	3760500.00	7.18E-06	383900.00	3760500.00	3.44E-04	383900.00	3760500.00	3.83E-07
383900.00	3761500.00	6.45E-06	383900.00	3761500.00	3.18E-04	383900.00	3761500.00	3.26E-07

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## Attachment F.6

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### Operation Concentrations– Toxic Air Contaminants

- Proposed Project 2035 PM10 Inputs

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y	2035 Operations		UTM X	UTM Y	2035 Operations		UTM X	UTM Y	2035 Operations	
369131.40	3758945.42	-1.17E-03		369131.40	3758945.42	-4.35E-02		369131.40	3758945.42	3.27E-05	
370190.78	3758848.26	-2.64E-03		370190.78	3758848.26	-6.53E-02		370190.78	3758848.26	1.29E-04	
370747.03	3763937.58	-2.81E-03		370747.03	3763937.58	-1.21E-01		370747.03	3763937.58	7.92E-05	
370757.72	3755124.52	-8.50E-03		370757.72	3755124.52	-3.54E-01		370757.72	3755124.52	1.59E-04	
370946.70	3758260.69	-1.46E-02		370946.70	3758260.69	-5.04E-01		370946.70	3758260.69	3.89E-04	
371368.79	3754218.82	-1.61E-02		371368.79	3754218.82	-5.40E-01		371368.79	3754218.82	3.04E-04	
371786.04	3754168.42	-1.05E-02		371786.04	3754168.42	3.14E-02		371786.04	3754168.42	1.74E-03	
373756.25	3761779.11	-1.20E-02		373756.25	3761779.11	-1.55E-01		373756.25	3761779.11	1.26E-03	
367734.03	3758536.57	-1.20E-02		367734.03	3758536.57	-2.23E-01		367734.03	3758536.57	1.10E-03	
368069.11	3760165.13	-9.66E-03		368069.11	3760165.13	5.90E-02		368069.11	3760165.13	1.82E-03	
369125.38	3763066.25	-1.33E-03		369125.38	3763066.25	-4.97E-02		369125.38	3763066.25	3.61E-05	
369225.45	3764227.42	-1.47E-03		369225.45	3764227.42	-5.59E-02		369225.45	3764227.42	4.33E-05	
370236.75	3761140.30	-1.54E-03		370236.75	3761140.30	-5.84E-02		370236.75	3761140.30	4.16E-05	
372218.41	3759157.53	-1.57E-03		372218.41	3759157.53	-5.84E-02		372218.41	3759157.53	4.34E-05	
372267.44	3762986.25	-1.59E-03		372267.44	3762986.25	-5.87E-02		372267.44	3762986.25	4.51E-05	
374498.14	3758643.27	-1.67E-03		374498.14	3758643.27	-6.07E-02		374498.14	3758643.27	5.22E-05	
375472.61	3759680.03	-1.97E-03		375472.61	3759680.03	-6.89E-02		375472.61	3759680.03	6.40E-05	
375514.38	3757500.61	-4.01E-05		375514.38	3757500.61	2.56E-01		375514.38	3757500.61	2.78E-04	
377395.41	3759189.37	-6.09E-04		377395.41	3759189.37	1.96E-01		377395.41	3759189.37	2.53E-04	
366363.62	3757753.10	4.03E-04		366363.62	3757753.10	2.94E-01		366363.62	3757753.10	3.21E-04	
369385.71	3758351.85	-3.59E-03		369385.71	3758351.85	-1.09E-01		369385.71	3758351.85	1.28E-04	
369388.19	3758584.61	-3.38E-03		369388.19	3758584.61	-1.34E-01		369388.19	3758584.61	8.95E-05	
371727.30	3758286.14	-5.01E-02		371727.30	3758286.14	-1.36E+00		371727.30	3758286.14	2.83E-03	
371973.18	3757657.97	-1.91E-02		371973.18	3757657.97	-5.17E-01		371973.18	3757657.97	1.21E-03	
372028.99	3757658.28	-1.85E-02		372028.99	3757658.28	-5.22E-01		372028.99	3757658.28	1.10E-03	
372057.72	3757303.44	-1.44E-02		372057.72	3757303.44	-4.82E-01		372057.72	3757303.44	4.04E-04	
372058.94	3757365.68	-1.79E-03		372058.94	3757365.68	-6.51E-02		372058.94	3757365.68	5.16E-05	
372114.76	3757419.38	-1.21E-03		372114.76	3757419.38	-4.46E-02		372114.76	3757419.38	3.39E-05	
372149.51	3757302.81	-1.20E-03		372149.51	3757302.81	-4.45E-02		372149.51	3757302.81	3.33E-05	
366675.72	3757743.67	-1.25E-03		366675.72	3757743.67	-4.55E-02		366675.72	3757743.67	3.48E-05	
367105.41	3757963.83	-1.23E-03		367105.41	3757963.83	-4.56E-02		367105.41	3757963.83	3.41E-05	
367221.30	3757911.68	-1.28E-03		367221.30	3757911.68	-4.65E-02		367221.30	3757911.68	3.58E-05	
367346.43	3757955.57	-1.32E-03		367346.43	3757955.57	-4.75E-02		367346.43	3757955.57	3.69E-05	
367457.41	3758010.28	-1.28E-03		367457.41	3758010.28	-4.71E-02		367457.41	3758010.28	3.51E-05	
367730.93	3758222.91	-1.35E-03		367730.93	3758222.91	-4.85E-02		367730.93	3758222.91	3.79E-05	
367995.30	3758074.68	-1.31E-03		367995.30	3758074.68	-4.79E-02		367995.30	3758074.68	4.12E-05	
369154.15	3758166.98	-1.39E-03		369154.15	3758166.98	-4.95E-02		369154.15	3758166.98	3.89E-05	
369214.54	3758209.64	-1.38E-03		369214.54	3758209.64	-4.99E-02		369214.54	3758209.64	4.38E-05	
369279.67	3758015.34	-1.42E-03		369279.67	3758015.34	-5.06E-02		369279.67	3758015.34	3.99E-05	
369788.09	3758340.35	-1.46E-03		369788.09	3758340.35	-5.17E-02		369788.09	3758340.35	4.07E-05	
369790.55	3758580.31	-1.34E-03		369790.55	3758580.31	-5.04E-02		369790.55	3758580.31	3.65E-05	
371537.21	3756959.02	-1.49E-03		371537.21	3756959.02	-5.29E-02		371537.21	3756959.02	4.15E-05	
371736.26	3757371.88	-1.52E-03		371736.26	3757371.88	-5.41E-02		371736.26	3757371.88	4.23E-05	
371795.72	3757393.54	-1.39E-03		371795.72	3757393.54	-5.29E-02		371795.72	3757393.54	3.67E-05	
371925.67	3757658.96	-1.54E-03		371925.67	3757658.96	-5.52E-02		371925.67	3757658.96	4.29E-05	
367720.95	3757929.47	-1.56E-03		367720.95	3757929.47	-5.62E-02		367720.95	3757929.47	4.34E-05	
366410.42	3757645.39	-1.47E-03		366410.42	3757645.39	-6.01E-02		366410.42	3757645.39	3.71E-05	
366412.06	3757743.84	-1.58E-03		366412.06	3757743.84	-5.71E-02		366412.06	3757743.84	4.37E-05	
366449.10	3757556.84	-1.57E-03		366449.10	3757556.84	-5.70E-02		366449.10	3757556.84	4.35E-05	
366471.13	3757711.22	-1.59E-03		366471.13	3757711.22	-5.77E-02		366471.13	3757711.22	4.40E-05	
366487.79	3757468.29	-1.56E-03		366487.79	3757468.29	-6.79E-02		366487.79	3757468.29	3.73E-05	
366526.47	3757379.74	-1.58E-03		366526.47	3757379.74	-5.78E-02		366526.47	3757379.74	4.40E-05	
366543.32	3757684.41	-1.54E-03		366543.32	3757684.41	-6.55E-02		366543.32	3757684.41	3.78E-05	
366565.16	3757291.19	-1.57E-03		366565.16	3757291.19	-5.76E-02		366565.16	3757291.19	4.40E-05	
366572.51	3757755.35	-1.56E-03		366572.51	3757755.35	-5.73E-02		366572.51	3757755.35	4.39E-05	
366603.85	3757202.64	-1.47E-03		366603.85	3757202.64	-5.72E-02		366603.85	3757202.64	4.25E-05	
366629.35	3757738.18	-1.55E-03		366629.35	3757738.18	-5.69E-02		366629.35	3757738.18	4.38E-05	
366642.53	3757114.09	-1.54E-03		366642.53	3757114.09	-5.66E-02		366642.53	3757114.09	4.36E-05	
366681.22	3757025.54	-1.53E-03		366681.22	3757025.54	-5.61E-02		366681.22	3757025.54	4.33E-05	
366700.77	3757739.37	-1.54E-03		366700.77	3757739.37	-5.71E-02		366700.77	3757739.37	4.78E-05	
366719.91	3756936.99	-1.52E-03		366719.91	3756936.99	-5.58E-02		366719.91	3756936.99	4.31E-05	
366758.59	3756848.44	-1.51E-03		366758.59	3756848.44	-5.55E-02		366758.59	3756848.44	4.29E-05	
366780.64	3757782.90	-1.50E-03		366780.64	3757782.90	-5.52E-02		366780.64	3757782.90	4.27E-05	

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations
366797.28	3756759.89	-1.57E-03	366797.28	3756759.89	-5.89E-02	366797.28	3756759.89	4.25E-05
366835.96	3756671.34	-1.49E-03	366835.96	3756671.34	-5.50E-02	366835.96	3756671.34	4.25E-05
366869.69	3757831.79	-1.48E-03	366869.69	3757831.79	-5.50E-02	366869.69	3757831.79	4.22E-05
366874.65	3756582.79	-1.59E-03	366874.65	3756582.79	-5.94E-02	366874.65	3756582.79	4.48E-05
366900.00	3756500.00	-1.49E-03	366900.00	3756500.00	-5.59E-02	366900.00	3756500.00	4.20E-05
366913.34	3756494.23	-1.58E-03	366913.34	3756494.23	-5.86E-02	366913.34	3756494.23	4.43E-05
366921.75	3757860.58	-1.56E-03	366921.75	3757860.58	-6.01E-02	366921.75	3757860.58	4.37E-05
366952.02	3756405.68	-1.66E-03	366952.02	3756405.68	-6.11E-02	366952.02	3756405.68	4.65E-05
366982.97	3757895.00	-1.73E-03	366982.97	3757895.00	-6.44E-02	366982.97	3757895.00	4.76E-05
366990.71	3756317.13	-1.62E-03	366990.71	3756317.13	-6.19E-02	366990.71	3756317.13	4.51E-05
367029.39	3756228.58	-1.76E-03	367029.39	3756228.58	-6.49E-02	367029.39	3756228.58	4.88E-05
367044.19	3757929.41	-1.79E-03	367044.19	3757929.41	-6.64E-02	367044.19	3757929.41	4.95E-05
367068.08	3756140.03	-1.70E-03	367068.08	3756140.03	-6.50E-02	367068.08	3756140.03	4.65E-05
367106.77	3756051.48	-1.84E-03	367106.77	3756051.48	-6.81E-02	367106.77	3756051.48	5.11E-05
367145.45	3755962.93	-1.66E-03	367145.45	3755962.93	-6.02E-02	367145.45	3755962.93	5.16E-05
367163.35	3757937.75	-1.81E-03	367163.35	3757937.75	-6.61E-02	367163.35	3757937.75	5.15E-05
367184.14	3755874.38	-1.80E-03	367184.14	3755874.38	-6.93E-02	367184.14	3755874.38	4.78E-05
367222.83	3755785.83	-1.71E-03	367222.83	3755785.83	-6.15E-02	367222.83	3755785.83	5.35E-05
367261.51	3755697.28	-1.76E-03	367261.51	3755697.28	-6.31E-02	367261.51	3755697.28	5.50E-05
367284.84	3757912.25	-1.72E-03	367284.84	3757912.25	-6.20E-02	367284.84	3757912.25	5.40E-05
367300.20	3755608.73	-1.96E-03	367300.20	3755608.73	-7.74E-02	367300.20	3755608.73	4.86E-05
367338.88	3755520.18	-1.75E-03	367338.88	3755520.18	-6.29E-02	367338.88	3755520.18	5.48E-05
367348.39	3757912.82	-1.76E-03	367348.39	3757912.82	-6.33E-02	367348.39	3757912.82	5.57E-05
367377.57	3755431.63	-2.15E-03	367377.57	3755431.63	-8.77E-02	367377.57	3755431.63	5.03E-05
367401.92	3757982.92	-1.86E-03	367401.92	3757982.92	-6.61E-02	367401.92	3757982.92	5.94E-05
367464.88	3755430.72	-2.17E-03	367464.88	3755430.72	-8.81E-02	367464.88	3755430.72	5.04E-05
367498.60	3757937.52	-2.38E-03	367498.60	3757937.52	-9.77E-02	367498.60	3757937.52	5.01E-05
367539.80	3757864.76	-2.03E-03	367539.80	3757864.76	-7.11E-02	367539.80	3757864.76	6.61E-05
367552.20	3755429.80	-2.58E-03	367552.20	3755429.80	-1.06E-01	367552.20	3755429.80	5.07E-05
367596.95	3757879.64	-2.46E-03	367596.95	3757879.64	-9.75E-02	367596.95	3757879.64	5.60E-05
367628.79	3757855.59	-2.06E-03	367628.79	3757855.59	-7.20E-02	367628.79	3757855.59	6.66E-05
367639.51	3755428.89	-2.56E-03	367639.51	3755428.89	-1.01E-01	367639.51	3755428.89	5.83E-05
367696.39	3757845.44	-2.21E-03	367696.39	3757845.44	-7.65E-02	367696.39	3757845.44	7.28E-05
367700.81	3758169.46	-2.64E-03	367700.81	3758169.46	-1.04E-01	367700.81	3758169.46	5.97E-05
367707.57	3757896.37	-2.33E-03	367707.57	3757896.37	-7.86E-02	367707.57	3757896.37	7.88E-05
367726.83	3755427.97	-2.38E-03	367726.83	3755427.97	-7.96E-02	367726.83	3755427.97	8.16E-05
367734.79	3758105.67	-2.79E-03	367734.79	3758105.67	-1.10E-01	367734.79	3758105.67	6.22E-05
367743.72	3758010.21	-2.45E-03	367743.72	3758010.21	-8.30E-02	367743.72	3758010.21	8.35E-05
367785.33	3758200.53	-2.85E-03	367785.33	3758200.53	-1.11E-01	367785.33	3758200.53	6.56E-05
367814.14	3755427.06	-2.49E-03	367814.14	3755427.06	-8.33E-02	367814.14	3755427.06	8.59E-05
367830.31	3758150.13	-2.53E-03	367830.31	3758150.13	-8.49E-02	367830.31	3758150.13	8.61E-05
367839.73	3758178.15	-2.94E-03	367839.73	3758178.15	-1.14E-01	367839.73	3758178.15	6.91E-05
367874.18	3755433.41	-2.58E-03	367874.18	3755433.41	-8.53E-02	367874.18	3755433.41	9.00E-05
367912.80	3758112.41	-2.61E-03	367912.80	3758112.41	-8.46E-02	367912.80	3758112.41	9.40E-05
367934.21	3755439.76	-3.16E-03	367934.21	3755439.76	-1.24E-01	367934.21	3755439.76	7.18E-05
368001.74	3755450.16	-2.62E-03	368001.74	3755450.16	-8.33E-02	368001.74	3755450.16	9.68E-05
368067.33	3758044.68	-2.61E-03	368067.33	3758044.68	-8.16E-02	368067.33	3758044.68	9.82E-05
368069.28	3755460.56	-3.20E-03	368069.28	3755460.56	-1.23E-01	368069.28	3755460.56	7.82E-05
368136.81	3755470.96	-2.56E-03	368136.81	3755470.96	-7.64E-02	368136.81	3755470.96	1.05E-04
368139.37	3758014.68	-3.31E-03	368139.37	3758014.68	-1.27E-01	368139.37	3758014.68	8.04E-05
368217.94	3755478.99	-2.54E-03	368217.94	3755478.99	-7.19E-02	368217.94	3755478.99	1.09E-04
368226.20	3757984.68	-2.51E-03	368226.20	3757984.68	-6.43E-02	368226.20	3757984.68	1.17E-04
368310.20	3755477.83	-3.68E-03	368310.20	3755477.83	-1.45E-01	368310.20	3755477.83	8.24E-05
368312.17	3757967.29	-2.47E-03	368312.17	3757967.29	-5.77E-02	368312.17	3757967.29	1.26E-04
368386.06	3757966.42	-2.43E-03	368386.06	3757966.42	-4.58E-02	368386.06	3757966.42	1.32E-04
368402.45	3755476.67	-2.42E-03	368402.45	3755476.67	-3.72E-02	368402.45	3755476.67	1.37E-04
368459.96	3757965.55	-3.59E-03	368459.96	3757965.55	-1.38E-01	368459.96	3757965.55	8.92E-05
368494.71	3755475.51	-1.85E-03	368494.71	3755475.51	3.51E-02	368494.71	3755475.51	1.79E-04
368533.85	3757964.68	-3.60E-03	368533.85	3757964.68	-1.36E-01	368533.85	3757964.68	9.53E-05
368533.98	3757935.39	7.19E-04	368533.98	3757935.39	3.45E-01	368533.98	3757935.39	3.16E-04
368586.97	3755474.35	-3.75E-03	368586.97	3755474.35	-1.47E-01	368586.97	3755474.35	1.01E-04
368594.27	3757948.47	5.08E-04	368594.27	3757948.47	3.25E-01	368594.27	3757948.47	3.07E-04
368657.87	3757978.44	-9.60E-04	368657.87	3757978.44	1.44E-01	368657.87	3757978.44	2.45E-04

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust

UTM X	UTM Y	2035 Operations
368679.22	3755473.19	3.65E-03
368710.99	3758011.46	-2.24E-03
368748.06	3758034.51	-3.83E-03
368771.48	3755472.04	-1.57E-03
368806.72	3758070.98	-2.76E-03
368863.73	3755470.88	-2.76E-03
368865.39	3758107.46	2.50E-03
368931.37	3758150.49	-4.03E-03
368955.99	3755469.72	-2.82E-03
368974.29	3758177.61	-4.13E-03
368992.63	3758138.09	-3.01E-03
369011.06	3758086.77	-4.29E-03
369048.25	3755468.56	-3.11E-03
369097.31	3758131.13	-3.33E-03
369140.50	3755467.40	-4.50E-03
369216.91	3758091.16	-3.65E-03
369232.76	3755466.24	-3.54E-03
369267.76	3758146.04	-3.48E-03
369271.60	3758257.04	-4.67E-03
369323.20	3758086.63	-3.94E-03
369328.65	3758304.45	-4.93E-03
369329.84	3755464.79	-4.15E-03
369342.43	3757939.52	-5.35E-03
369386.54	3758429.44	-4.31E-03
369387.36	3758507.02	-5.79E-03
369409.11	3758008.60	-4.46E-03
369426.92	3755463.35	-6.12E-03
369468.66	3758583.75	-5.45E-03
369524.00	3755461.90	-5.08E-03
369549.13	3758582.89	-4.80E-03
369621.08	3755460.45	-5.46E-03
369629.61	3758582.03	-6.46E-03
369710.08	3758581.17	-5.57E-03
369718.16	3755459.00	-5.55E-03
369787.02	3758286.68	-7.28E-03
369788.19	3758398.38	-5.54E-03
369789.37	3758489.35	-5.29E-03
369815.24	3755457.56	-5.63E-03
369882.84	3758285.07	-8.70E-03
369912.32	3755456.11	-5.58E-03
369978.66	3758283.45	-9.32E-03
370009.40	3755454.66	-5.90E-03
370056.44	3758282.14	-9.71E-03
370106.48	3755453.21	-1.10E-02
370130.90	3758282.44	-6.33E-03
370203.56	3755451.77	-1.41E-02
370226.81	3758159.47	-9.22E-03
370227.55	3758221.46	-7.96E-03
370228.30	3758283.44	-7.30E-03
370253.14	3758168.84	-1.02E-02
370300.64	3755450.32	-6.84E-03
370308.97	3758176.51	-1.76E-02
370356.87	3758202.23	-1.18E-02
370397.72	3755448.87	-1.34E-02
370404.21	3758225.88	-1.63E-02
370422.64	3758284.19	-2.33E-02
370442.78	3758228.43	-1.48E-02
370465.02	3755455.18	-2.48E-02
370522.53	3758282.84	-1.89E-02
370558.15	3755458.94	-5.59E-02
370622.42	3758281.49	-4.38E-02
370624.63	3755467.51	-4.50E-02
370691.11	3755476.08	-4.82E-02

Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust

UTM X	UTM Y	2035 Operations
368679.22	3755473.19	6.72E-01
368710.99	3758011.46	-1.59E-02
368748.06	3758034.51	-1.48E-01
368771.48	3755472.04	1.05E-01
368806.72	3758070.98	-9.34E-02
368863.73	3755470.88	-1.07E-01
368865.39	3758107.46	5.10E-01
368931.37	3758150.49	-1.59E-01
368955.99	3755469.72	-1.21E-01
368974.29	3758177.61	-1.59E-01
368992.63	3758138.09	-1.26E-01
369011.06	3758086.77	-1.64E-01
369048.25	3755468.56	-1.29E-01
369097.31	3758131.13	-1.37E-01
369140.50	3755467.40	-1.73E-01
369216.91	3758091.16	-1.06E-01
369232.76	3755466.24	-1.15E-01
369267.76	3758146.04	-1.26E-01
369271.60	3758257.04	-1.77E-01
369323.20	3758086.63	-1.22E-01
369328.65	3758304.45	-1.86E-01
369329.84	3755464.79	-1.34E-01
369342.43	3757939.52	-2.00E-01
369386.54	3758429.44	-1.44E-01
369387.36	3758507.02	-2.09E-01
369409.11	3758008.60	-1.53E-01
369426.92	3755463.35	-2.23E-01
369468.66	3758583.75	-1.95E-01
369524.00	3755461.90	-1.79E-01
369549.13	3758582.89	-1.69E-01
369621.08	3755460.45	-1.96E-01
369629.61	3758582.03	-2.38E-01
369710.08	3758581.17	-2.01E-01
369718.16	3755459.00	-2.01E-01
369787.02	3758286.68	-2.63E-01
369788.19	3758398.38	-2.03E-01
369789.37	3758489.35	-1.96E-01
369815.24	3755457.56	-2.08E-01
369882.84	3758285.07	-2.98E-01
369912.32	3755456.11	-2.12E-01
369978.66	3758283.45	-3.32E-01
370009.40	3755454.66	-2.29E-01
370056.44	3758282.14	-3.74E-01
370106.48	3755453.21	-4.90E-01
370130.90	3758282.44	-2.49E-01
370203.56	3755451.77	-6.06E-01
370226.81	3758159.47	-3.75E-01
370227.55	3758221.46	-3.20E-01
370228.30	3758283.44	-2.94E-01
370253.14	3758168.84	-4.31E-01
370300.64	3755450.32	-2.78E-01
370308.97	3758176.51	-7.10E-01
370356.87	3758202.23	-5.37E-01
370397.72	3755448.87	-6.36E-01
370404.21	3758225.88	-6.73E-01
370422.64	3758284.19	-9.06E-01
370442.78	3758228.43	-6.95E-01
370465.02	3755455.18	-9.12E-01
370522.53	3758282.84	-7.05E-01
370558.15	3755458.94	-2.21E+00
370622.42	3758281.49	-1.58E+00
370624.63	3755467.51	-1.61E+00
370691.11	3755476.08	-1.47E+00

Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust

UTM X	UTM Y	2035 Operations
368679.22	3755473.19	4.11E-04
368710.99	3758011.46	1.61E-04
368748.06	3758034.51	1.07E-04
368771.48	3755472.04	2.75E-04
368806.72	3758070.98	1.04E-04
368863.73	3755470.88	8.80E-05
368865.39	3758107.46	4.00E-04
368931.37	3758150.49	1.14E-04
368955.99	3755469.72	7.71E-05
368974.29	3758177.61	1.21E-04
368992.63	3758138.09	8.21E-05
369011.06	3758086.77	1.30E-04
369048.25	3755468.56	8.27E-05
369097.31	3758131.13	8.76E-05
369140.50	3755467.40	1.39E-04
369216.91	3758091.16	1.35E-04
369232.76	3755466.24	1.21E-04
369267.76	3758146.04	1.06E-04
369271.60	3758257.04	1.52E-04
369323.20	3758086.63	1.42E-04
369328.65	3758304.45	1.70E-04
369329.84	3755464.79	1.35E-04
369342.43	3757939.52	1.97E-04
369386.54	3758429.44	1.32E-04
369387.36	3758507.02	2.62E-04
369409.11	3758008.60	1.31E-04
369426.92	3755463.35	3.55E-04
369468.66	3758583.75	1.73E-04
369524.00	3755461.90	1.60E-04
369549.13	3758582.89	1.49E-04
369621.08	3755460.45	1.72E-04
369629.61	3758582.03	4.73E-04
369710.08	3758581.17	1.74E-04
369718.16	3755459.00	1.71E-04
369787.02	3758286.68	6.32E-04
369788.19	3758398.38	1.69E-04
369789.37	3758489.35	1.58E-04
369815.24	3755457.56	1.71E-04
369882.84	3758285.07	7.01E-04
369912.32	3755456.11	1.64E-04
369978.66	3758283.45	6.29E-04
370009.40	3755454.66	1.72E-04
370056.44	3758282.14	5.61E-04
370106.48	3755453.21	5.67E-04
370130.90	3758282.44	1.80E-04
370203.56	3755451.77	5.43E-04
370226.81	3758159.47	4.19E-04
370227.55	3758221.46	2.72E-04
370228.30	3758283.44	2.20E-04
370253.14	3758168.84	3.79E-04
370300.64	3755450.32	1.84E-04
370308.97	3758176.51	4.97E-04
370356.87	3758202.23	4.60E-04
370397.72	3755448.87	5.48E-04
370404.21	3758225.88	4.90E-04
370422.64	3758284.19	5.52E-04
370442.78	3758228.43	5.80E-04
370465.02	3755455.18	5.72E-04
370522.53	3758282.84	5.10E-04
370558.15	3755458.94	1.38E-03
370622.42	3758281.49	1.50E-03
370624.63	3755467.51	1.39E-03
370691.11	3755476.08	1.53E-03

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y		2035 Operations	UTM X	UTM Y		2035 Operations	UTM X	UTM Y		2035 Operations
370722.31	3758280.14		-6.64E-02	370722.31	3758280.14		-2.00E+00	370722.31	3758280.14		2.05E-03
370757.38	3755493.32		-9.67E-02	370757.38	3755493.32		-2.65E+00	370757.38	3755493.32		2.64E-03
370792.87	3757995.38		-1.69E-02	370792.87	3757995.38		-7.47E-01	370792.87	3757995.38		6.97E-04
370797.01	3758107.02		-1.75E-02	370797.01	3758107.02		-8.18E-01	370797.01	3758107.02		7.95E-04
370798.36	3758194.12		-2.06E-02	370798.36	3758194.12		-7.79E-01	370798.36	3758194.12		5.33E-04
370798.51	3757946.46		-2.08E-02	370798.51	3757946.46		-7.60E-01	370798.51	3757946.46		4.93E-04
370799.71	3758281.23		-2.01E-02	370799.71	3758281.23		-7.45E-01	370799.71	3758281.23		4.17E-04
370807.53	3755529.02		-2.36E-02	370807.53	3755529.02		-8.76E-01	370807.53	3755529.02		3.75E-04
370818.52	3757901.47		-5.34E-02	370818.52	3757901.47		-2.07E+00	370818.52	3757901.47		1.66E-03
370851.08	3757864.53		-1.82E-02	370851.08	3757864.53		-8.55E-01	370851.08	3757864.53		8.86E-04
370854.34	3755560.20		-9.79E-02	370854.34	3755560.20		-2.26E+00	370854.34	3755560.20		3.31E-03
370901.14	3755591.38		-2.23E-02	370901.14	3755591.38		-8.65E-01	370901.14	3755591.38		3.18E-04
370908.58	3757858.61		-1.46E-02	370908.58	3757858.61		-6.33E-01	370908.58	3757858.61		6.91E-04
370929.68	3755646.61		-6.26E-02	370929.68	3755646.61		-2.09E+00	370929.68	3755646.61		2.40E-03
370932.48	3755705.67		-1.28E-02	370932.48	3755705.67		-5.25E-01	370932.48	3755705.67		5.87E-04
370959.17	3757378.41		-1.89E-02	370959.17	3757378.41		-7.63E-01	370959.17	3757378.41		2.49E-04
370959.96	3757296.11		-1.04E-01	370959.96	3757296.11		-2.38E+00	370959.96	3757296.11		3.98E-03
370960.75	3757213.81		-1.16E-02	370960.75	3757213.81		-4.55E-01	370960.75	3757213.81		5.25E-04
370961.54	3757131.50		-1.13E-02	370961.54	3757131.50		-4.40E-01	370961.54	3757131.50		4.97E-04
370962.33	3757049.20		-3.44E-02	370962.33	3757049.20		-1.14E+00	370962.33	3757049.20		1.72E-03
370963.12	3756966.90		-5.75E-02	370963.12	3756966.90		-2.40E+00	370963.12	3756966.90		1.95E-03
370966.07	3757852.69		-2.23E-02	370966.07	3757852.69		-1.69E-01	370966.07	3757852.69		2.28E-03
370968.09	3757808.70		-1.04E-02	370968.09	3757808.70		-3.88E-01	370968.09	3757808.70		4.59E-04
370983.75	3755705.22		-1.90E-02	370983.75	3755705.22		-8.00E-01	370983.75	3755705.22		2.41E-04
370986.42	3755628.02		-8.02E-02	370986.42	3755628.02		-2.07E+00	370986.42	3755628.02		3.65E-03
370989.10	3755550.81		-1.71E-02	370989.10	3755550.81		1.10E-01	370989.10	3755550.81		2.46E-03
370991.77	3755473.61		-1.04E-02	370991.77	3755473.61		-4.17E-01	370991.77	3755473.61		4.19E-04
371017.44	3757371.98		-9.46E-03	371017.44	3757371.98		-3.53E-01	371017.44	3757371.98		3.76E-04
371039.92	3757778.95		-1.71E-02	371039.92	3757778.95		-7.79E-01	371039.92	3757778.95		2.91E-04
371061.56	3756965.39		-1.51E-02	371061.56	3756965.39		9.95E-02	371061.56	3756965.39		2.31E-03
371064.57	3755405.04		-8.13E-02	371064.57	3755405.04		-2.25E+00	371064.57	3755405.04		3.87E-03
371078.64	3757842.57		-9.07E-03	371078.64	3757842.57		-3.49E-01	371078.64	3757842.57		3.14E-04
371116.65	3757378.24		-1.14E-02	371116.65	3757378.24		3.12E-01	371116.65	3757378.24		2.36E-03
371117.35	3757906.19		-1.89E-02	371117.35	3757906.19		-8.35E-01	371117.35	3757906.19		3.51E-04
371160.25	3755403.96		-6.89E-02	371160.25	3755403.96		-1.82E+00	371160.25	3755403.96		3.61E-03
371160.00	3756963.88		-8.69E-03	371160.00	3756963.88		-3.37E-01	371160.00	3756963.88		2.63E-04
371173.76	3757954.26		-4.33E-03	371173.76	3757954.26		1.06E+00	371173.76	3757954.26		2.97E-03
371174.47	3757986.09		-8.34E-03	371174.47	3757986.09		-3.26E-01	371174.47	3757986.09		2.31E-04
371208.04	3757297.08		-1.55E-02	371208.04	3757297.08		-7.50E-01	371208.04	3757297.08		4.21E-04
371208.86	3757379.92		-7.78E-03	371208.86	3757379.92		6.38E-01	371208.86	3757379.92		2.51E-03
371210.97	3757210.00		-8.11E-03	371210.97	3757210.00		-3.21E-01	371210.97	3757210.00		2.01E-04
371243.87	3757985.25		-5.42E-02	371243.87	3757985.25		-1.34E+00	371243.87	3757985.25		2.91E-03
371255.94	3755402.89		-1.64E-02	371255.94	3755402.89		-8.44E-01	371255.94	3755402.89		7.07E-04
371258.45	3756962.36		-4.85E-02	371258.45	3756962.36		-1.11E+00	371258.45	3756962.36		2.55E-03
371275.69	3757208.66		-8.11E-03	371275.69	3757208.66		-3.27E-01	371275.69	3757208.66		1.80E-04
371313.27	3757984.41		-2.14E-02	371313.27	3757984.41		-6.35E-01	371313.27	3757984.41		1.18E-03
371348.54	3758024.62		-7.70E-03	371348.54	3758024.62		5.73E-01	371348.54	3758024.62		2.42E-03
371351.62	3755401.81		-1.45E-02	371351.62	3755401.81		-8.03E-02	371351.62	3755401.81		1.71E-03
371356.75	3757207.46		-2.11E-02	371356.75	3757207.46		-9.22E-01	371356.75	3757207.46		1.43E-03
371356.89	3756960.85		-4.21E-02	371356.89	3756960.85		-1.04E+00	371356.89	3756960.85		2.52E-03
371402.37	3758061.24		-7.86E-03	371402.37	3758061.24		-3.14E-01	371402.37	3758061.24		1.74E-04
371437.81	3757206.27		-1.83E-02	371437.81	3757206.27		-7.90E-01	371437.81	3757206.27		1.51E-03
371447.31	3755400.73		-1.73E-02	371447.31	3755400.73		-4.12E-01	371447.31	3755400.73		1.22E-03
371455.33	3756959.34		-8.27E-03	371455.33	3756959.34		-3.31E-01	371455.33	3756959.34		1.92E-04
371474.09	3758110.88		-4.10E-02	371474.09	3758110.88		-9.34E-01	371474.09	3758110.88		2.25E-03
371518.87	3757205.07		-1.91E-02	371518.87	3757205.07		-5.05E-01	371518.87	3757205.07		1.21E-03
371537.39	3758154.69		-1.72E-02	371537.39	3758154.69		-8.46E-01	371537.39	3758154.69		1.13E-03
371542.99	3755399.65		-9.62E-03	371542.99	3755399.65		-4.00E-01	371542.99	3755399.65		2.25E-04
371599.93	3757203.87		-9.69E-03	371599.93	3757203.87		-4.15E-01	371599.93	3757203.87		1.94E-04
371600.70	3758198.51		-1.59E-02	371600.70	3758198.51		-4.33E-01	371600.70	3758198.51		9.66E-04
371613.52	3756957.47		-1.61E-02	371613.52	3756957.47		-3.93E-01	371613.52	3756957.47		1.08E-03
371638.68	3755398.58		-1.64E-02	371638.68	3755398.58		-3.57E-01	371638.68	3755398.58		1.24E-03
371652.22	3756956.31		-1.20E-02	371652.22	3756956.31		-4.10E-01	371652.22	3756956.31		3.85E-04

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y	2035 Operations		UTM X	UTM Y	2035 Operations		UTM X	UTM Y	2035 Operations	
371664.00	3758242.33	-1.15E-02		371664.00	3758242.33	-3.91E-01		371664.00	3758242.33	3.56E-04	
371678.83	3757376.47	-1.59E-02		371678.83	3757376.47	-7.86E-01		371678.83	3757376.47	1.01E-03	
371680.99	3757202.68	-1.13E-02		371680.99	3757202.68	-4.11E-01		371680.99	3757202.68	2.93E-04	
371683.71	3757291.78	-1.02E-02		371683.71	3757291.78	-3.89E-01		371683.71	3757291.78	2.72E-04	
371734.36	3755397.50	-9.49E-03		371734.36	3755397.50	-3.72E-01		371734.36	3755397.50	2.45E-04	
371750.66	3756954.80	-9.16E-03		371750.66	3756954.80	-3.71E-01		371750.66	3756954.80	2.17E-04	
371767.81	3758230.27	-4.15E-02		371767.81	3758230.27	-9.45E-01		371767.81	3758230.27	2.45E-03	
371801.04	3755399.23	-1.68E-02		371801.04	3755399.23	-4.60E-01		371801.04	3755399.23	9.67E-04	
371812.25	3757364.20	-1.59E-02		371812.25	3757364.20	-4.02E-01		371812.25	3757364.20	9.62E-04	
371825.62	3758161.92	-1.52E-02		371825.62	3758161.92	-5.38E-01		371825.62	3758161.92	2.30E-04	
371849.10	3756953.29	-1.25E-02		371849.10	3756953.29	-7.22E-01		371849.10	3756953.29	5.15E-04	
371866.03	3757363.09	-3.04E-02		371866.03	3757363.09	-6.52E-01		371866.03	3757363.09	1.53E-03	
371867.72	3755400.96	-1.34E-02		371867.72	3755400.96	-2.91E-01		371867.72	3755400.96	1.05E-03	
371895.02	3758059.68	-1.33E-02		371895.02	3758059.68	-4.64E-01		371895.02	3758059.68	2.48E-04	
371898.90	3758134.17	-1.22E-02		371898.90	3758134.17	-2.58E-01		371898.90	3758134.17	1.05E-03	
371909.58	3757435.59	-1.31E-02		371909.58	3757435.59	-7.47E-01		371909.58	3757435.59	2.08E-04	
371916.85	3757398.54	-3.33E-02		371916.85	3757398.54	-7.29E-01		371916.85	3757398.54	1.25E-03	
371917.20	3757362.27	-1.06E-02		371917.20	3757362.27	-9.25E-02		371917.20	3757362.27	1.33E-03	
371927.01	3757742.18	-1.12E-02		371927.01	3757742.18	-1.88E-01		371927.01	3757742.18	1.07E-03	
371928.06	3757790.69	-1.14E-02		371928.06	3757790.69	-2.20E-01		371928.06	3757790.69	1.05E-03	
371934.40	3755402.69	-1.16E-02		371934.40	3755402.69	-2.84E-01		371934.40	3755402.69	6.80E-04	
371934.40	3757852.44	-1.18E-02		371934.40	3757852.44	-3.35E-01		371934.40	3757852.44	4.85E-04	
371937.61	3757919.43	-1.22E-02		371937.61	3757919.43	-3.87E-01		371937.61	3757919.43	3.46E-04	
371940.82	3757986.42	-1.25E-02		371940.82	3757986.42	-4.37E-01		371940.82	3757986.42	2.48E-04	
371944.03	3758053.41	-9.95E-03		371944.03	3758053.41	-6.40E-01		371944.03	3758053.41	-4.07E-05	
371947.54	3756951.78	-3.00E-02		371947.54	3756951.78	-6.57E-01		371947.54	3756951.78	1.19E-03	
371954.98	3757424.18	-1.03E-02		371954.98	3757424.18	-7.69E-01		371954.98	3757424.18	-3.62E-04	
372007.70	3757423.51	-2.73E-02		372007.70	3757423.51	-5.90E-01		372007.70	3757423.51	1.04E-03	
372031.48	3757755.88	-1.05E-02		372031.48	3757755.88	-7.83E-01		372031.48	3757755.88	-7.42E-04	
372033.85	3755399.05	-3.09E-02		372033.85	3755399.05	-6.99E-01		372033.85	3755399.05	6.56E-04	
372045.99	3756950.26	-1.21E-02		372045.99	3756950.26	-8.55E-01		372045.99	3756950.26	-1.84E-03	
372060.42	3757422.83	-3.40E-02		372060.42	3757422.83	-8.58E-01		372060.42	3757422.83	7.60E-04	
372097.97	3757754.97	-1.58E-02		372097.97	3757754.97	-1.07E+00		372097.97	3757754.97	-2.88E-03	
372114.62	3757440.24	-1.51E-02		372114.62	3757440.24	-9.51E-01		372114.62	3757440.24	-2.87E-03	
372133.29	3755395.42	-6.48E-03		372133.29	3755395.42	-2.00E-01		372133.29	3755395.42	5.25E-04	
372144.43	3756948.75	-8.26E-03		372144.43	3756948.75	-2.50E-01		372144.43	3756948.75	6.47E-04	
372152.01	3757362.33	-3.03E-02		372152.01	3757362.33	-5.38E-01		372152.01	3757362.33	7.43E-04	
372153.80	3757418.83	-1.04E-02		372153.80	3757418.83	1.79E-01		372153.80	3757418.83	1.34E-03	
372154.47	3757439.86	-1.07E-02		372154.47	3757439.86	-2.82E-01		372154.47	3757439.86	8.33E-04	
372156.97	3757518.41	-1.46E-02		372156.97	3757518.41	-4.29E-01		372156.97	3757518.41	1.12E-03	
372159.47	3757596.96	-2.36E-03		372159.47	3757596.96	5.67E-01		372159.47	3757596.96	1.78E-03	
372161.97	3757675.51	-3.62E-02		372161.97	3757675.51	-8.20E-01		372161.97	3757675.51	3.05E-04	
372164.46	3757754.06	-3.63E-03		372164.46	3757754.06	4.33E-01		372164.46	3757754.06	1.48E-03	
372232.73	3755391.79	-3.07E-03		372232.73	3755391.79	4.06E-01		372232.73	3755391.79	1.12E-03	
372242.87	3756947.24	-2.84E-02		372242.87	3756947.24	-5.86E-01		372242.87	3756947.24	8.27E-04	
372332.18	3755388.15	-2.86E-02		372332.18	3755388.15	-5.60E-01		372332.18	3755388.15	7.85E-04	
372341.31	3756945.73	-1.05E-02		372341.31	3756945.73	-4.38E-01		372341.31	3756945.73	2.60E-04	
372410.73	3755381.99	-1.04E-02		372410.73	3755381.99	-2.93E-01		372410.73	3755381.99	6.83E-04	
372439.76	3756944.21	-1.42E-02		372439.76	3756944.21	-9.46E-01		372439.76	3756944.21	-3.35E-03	
372489.28	3755375.83	-2.87E-03		372489.28	3755375.83	3.44E-01		372489.28	3755375.83	6.19E-04	
372538.20	3756942.70	-6.53E-03		372538.20	3756942.70	-2.25E-01		372538.20	3756942.70	2.96E-04	
372567.83	3755369.67	-8.58E-03		372567.83	3755369.67	-2.47E-01		372567.83	3755369.67	4.61E-04	
372621.24	3755369.96	-1.99E-03		372621.24	3755369.96	3.53E-01		372621.24	3755369.96	3.72E-04	
372627.96	3756505.77	-9.93E-03		372627.96	3756505.77	-2.84E-01		372627.96	3756505.77	3.01E-04	
372628.35	3756589.05	-2.11E-02		372628.35	3756589.05	-5.44E-01		372628.35	3756589.05	5.74E-04	
372630.81	3757026.03	-3.78E-03		372630.81	3757026.03	1.48E-01		372630.81	3757026.03	2.95E-05	
372632.23	3757120.50	-1.15E-03		372632.23	3757120.50	3.63E-01		372632.23	3757120.50	5.38E-05	
372632.53	3756752.34	-1.37E-02		372632.53	3756752.34	-8.58E-01		372632.53	3756752.34	-3.04E-03	
372634.59	3756846.76	-5.38E-03		372634.59	3756846.76	2.65E-02		372634.59	3756846.76	-1.53E-04	
372634.70	3757211.58	-3.46E-03		372634.70	3757211.58	1.71E-01		372634.70	3757211.58	1.26E-04	
372636.64	3756941.19	-6.77E-03		372636.64	3756941.19	-2.47E-01		372636.64	3756941.19	4.93E-05	
372650.02	3757248.61	-4.67E-03		372650.02	3757248.61	7.73E-02		372650.02	3757248.61	-2.42E-04	
372671.90	3757332.14	-1.27E-02		372671.90	3757332.14	-7.67E-01		372671.90	3757332.14	-1.93E-03	

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations
372672.36	3756975.42	-1.60E-02	372672.36	3756975.42	-3.47E-01	372672.36	3756975.42	4.26E-04
372672.57	3757018.04	-3.38E-03	372672.57	3757018.04	1.55E-01	372672.57	3757018.04	-5.65E-05
372692.63	3756588.53	-2.43E-03	372692.63	3756588.53	2.27E-01	372692.63	3756588.53	-8.15E-06
372694.60	3756751.91	-5.26E-03	372694.60	3756751.91	-1.77E-01	372694.60	3756751.91	1.19E-04
372697.78	3755368.97	-6.81E-03	372697.78	3755368.97	-2.56E-01	372697.78	3755368.97	-9.66E-05
372704.41	3757417.13	-1.75E-02	372704.41	3757417.13	-8.89E-01	372704.41	3757417.13	-2.92E-03
372725.34	3756505.44	-1.03E-03	372725.34	3756505.44	7.46E-02	372725.34	3756505.44	2.41E-03
372730.58	3756678.55	4.09E-04	372730.58	3756678.55	2.63E-01	372730.58	3756678.55	3.21E-03
372739.22	3757507.15	1.01E-03	372739.22	3757507.15	3.33E-01	372739.22	3757507.15	3.64E-03
372756.67	3756751.48	2.80E-03	372756.67	3756751.48	4.72E-01	372756.67	3756751.48	4.67E-03
372768.35	3756973.59	-1.23E-02	372768.35	3756973.59	-2.06E-01	372768.35	3756973.59	3.41E-04
372770.71	3757656.89	-6.67E-04	372770.71	3757656.89	1.49E-01	372770.71	3757656.89	2.89E-03
372773.23	3757598.18	1.86E-04	372773.23	3757598.18	3.93E-01	372773.23	3757598.18	1.10E-04
372774.32	3755367.98	-5.15E-03	372774.32	3755367.98	-1.77E-01	372774.32	3755367.98	5.36E-05
372774.75	3757745.62	-1.66E-02	372774.75	3757745.62	-3.67E-01	372774.75	3757745.62	1.64E-04
372784.40	3757635.25	-2.19E-03	372784.40	3757635.25	-8.76E-04	372784.40	3757635.25	1.69E-03
372822.71	3756505.12	-2.50E-03	372822.71	3756505.12	-3.77E-02	372822.71	3756505.12	1.26E-03
372839.80	3757745.93	-2.98E-03	372839.80	3757745.93	-8.98E-02	372839.80	3757745.93	7.88E-04
372850.87	3755366.99	2.59E-03	372850.87	3755366.99	5.97E-01	372850.87	3755366.99	1.72E-04
372864.35	3756971.76	-5.00E-03	372864.35	3756971.76	-1.75E-01	372864.35	3756971.76	6.68E-06
372904.85	3757746.24	-1.91E-02	372904.85	3757746.24	-4.28E-01	372904.85	3757746.24	6.31E-05
372910.27	3757732.13	-2.93E-03	372910.27	3757732.13	-7.86E-02	372910.27	3757732.13	1.03E-03
372919.43	3756436.58	-2.90E-03	372919.43	3756436.58	-8.12E-02	372919.43	3756436.58	8.80E-04
372920.09	3756504.79	-3.08E-03	372920.09	3756504.79	-1.04E-01	372920.09	3756504.79	6.41E-04
372927.41	3755366.00	8.94E-04	372927.41	3755366.00	3.95E-01	372927.41	3755366.00	2.15E-04
372927.86	3755465.33	-4.81E-03	372927.86	3755465.33	-1.71E-01	372927.86	3755465.33	-2.35E-05
372928.32	3755564.67	-1.44E-02	372928.32	3755564.67	-2.27E-01	372928.32	3755564.67	7.51E-05
372928.77	3755664.00	-3.30E-03	372928.77	3755664.00	-1.17E-01	372928.77	3755664.00	7.12E-04
372929.23	3755763.34	-3.58E-03	372929.23	3755763.34	2.46E-01	372929.23	3755763.34	2.05E-04
372947.75	3756971.61	2.64E-03	372947.75	3756971.61	5.03E-01	372947.75	3756971.61	2.63E-04
372992.82	3755761.76	-4.58E-03	372992.82	3755761.76	-1.68E-01	372992.82	3755761.76	-4.31E-05
372995.87	3757731.75	-3.77E-03	372995.87	3757731.75	-1.50E-01	372995.87	3757731.75	5.00E-04
373004.43	3756435.35	-3.56E-03	373004.43	3756435.35	1.62E-01	373004.43	3756435.35	-3.08E-05
373031.15	3756971.45	-4.40E-03	373031.15	3756971.45	-1.67E-01	373031.15	3756971.45	-5.47E-05
373056.40	3755760.18	1.69E-03	373056.40	3755760.18	3.99E-01	373056.40	3755760.18	2.22E-04
373057.59	3755829.92	2.34E-03	373057.59	3755829.92	4.44E-01	373057.59	3755829.92	2.27E-04
373058.79	3755899.65	-4.05E-03	373058.79	3755899.65	-1.79E-01	373058.79	3755899.65	3.48E-04
373077.68	3757731.38	-3.63E-03	373077.68	3757731.38	-1.65E-01	373077.68	3757731.38	3.31E-04
373089.44	3756434.13	-3.45E-03	373089.44	3756434.13	-1.61E-01	373089.44	3756434.13	2.74E-04
373118.11	3756991.19	-3.40E-03	373118.11	3756991.19	-1.59E-01	373118.11	3756991.19	2.09E-04
373137.84	3755759.39	-3.11E-03	373137.84	3755759.39	-1.39E-01	373137.84	3755759.39	1.63E-04
373138.33	3755829.37	-2.79E-03	373138.33	3755829.37	1.18E-01	373138.33	3755829.37	-9.32E-05
373138.82	3755899.35	1.42E-02	373138.82	3755899.35	1.07E+00	373138.82	3755899.35	3.83E-04
373159.49	3757731.01	-3.33E-03	373159.49	3757731.01	-1.47E-01	373159.49	3757731.01	1.15E-04
373174.45	3756432.91	1.19E-02	373174.45	3756432.91	8.31E-01	373174.45	3756432.91	2.63E-04
373179.17	3757023.66	-3.64E-03	373179.17	3757023.66	-1.54E-01	373179.17	3757023.66	7.23E-05
373213.14	3755758.34	2.29E-03	373213.14	3755758.34	3.87E-01	373213.14	3755758.34	2.98E-04
373236.62	3757073.64	2.39E-04	373236.62	3757073.64	2.82E-01	373236.62	3757073.64	2.80E-04
373241.30	3757730.64	-3.99E-03	373241.30	3757730.64	-1.60E-01	373241.30	3757730.64	1.96E-05
373259.45	3756431.68	-7.14E-04	373259.45	3756431.68	2.29E-01	373259.45	3756431.68	2.57E-04
373288.44	3755757.29	-7.68E-04	373288.44	3755757.29	2.22E-01	373288.44	3755757.29	2.37E-04
373303.06	3757072.90	-4.33E-03	373303.06	3757072.90	-1.67E-01	373303.06	3757072.90	-3.57E-05
373317.14	3756432.03	9.24E-04	373317.14	3756432.03	3.30E-01	373317.14	3756432.03	2.40E-04
373323.11	3757730.27	6.88E-04	373323.11	3757730.27	3.08E-01	373323.11	3757730.27	2.35E-04
373323.28	3757744.87	2.93E-03	373323.28	3757744.87	4.47E-01	373323.28	3757744.87	2.52E-04
373363.74	3755756.24	-1.40E-03	373363.74	3755756.24	-5.51E-02	373363.74	3755756.24	3.66E-05
373365.13	3755845.96	-1.44E-03	373365.13	3755845.96	-5.86E-02	373365.13	3755845.96	3.67E-05
373366.53	3755935.69	-1.22E-03	373366.53	3755935.69	-4.87E-02	373366.53	3755935.69	3.44E-05
373367.92	3756025.41	-7.43E-04	373367.92	3756025.41	-3.65E-02	373367.92	3756025.41	1.39E-05
373369.31	3756115.13	-5.76E-04	373369.31	3756115.13	-2.87E-02	373369.31	3756115.13	8.39E-06
373369.50	3757072.16	-5.18E-04	373369.50	3757072.16	-2.84E-02	373369.50	3757072.16	3.41E-06
373370.37	3757159.75	-1.49E-03	373370.37	3757159.75	-6.21E-02	373370.37	3757159.75	3.76E-05
373370.71	3756204.86	-1.46E-03	373370.71	3756204.86	-5.49E-02	373370.71	3756204.86	4.35E-05

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y		2035 Operations	UTM X	UTM Y		2035 Operations	UTM X	UTM Y		2035 Operations
373371.24	3757247.34		-1.51E-03	373371.24	3757247.34		-5.62E-02	373371.24	3757247.34		4.54E-05
373372.10	3756294.58		-1.53E-03	373372.10	3756294.58		-5.66E-02	373372.10	3756294.58		4.34E-05
373372.12	3757334.94		-1.80E-03	373372.12	3757334.94		-6.44E-02	373372.12	3757334.94		5.75E-05
373372.99	3757422.53		-9.84E-04	373372.99	3757422.53		-4.66E-02	373372.99	3757422.53		1.99E-05
373373.72	3756378.86		-7.84E-04	373373.72	3756378.86		-3.81E-02	373373.72	3756378.86		1.28E-05
373373.86	3757510.12		-6.12E-04	373373.86	3757510.12		-3.43E-02	373373.86	3757510.12		1.84E-06
373374.73	3757597.71		-2.01E-03	373374.73	3757597.71		-7.06E-02	373374.73	3757597.71		6.53E-05
373374.83	3756432.37		-2.11E-03	373374.83	3756432.37		-7.32E-02	373374.83	3756432.37		6.91E-05
373375.60	3757685.31		-2.38E-03	373375.60	3757685.31		-8.01E-02	373375.60	3757685.31		8.24E-05
373393.43	3757684.85		-2.53E-03	373393.43	3757684.85		-8.34E-02	373393.43	3757684.85		8.83E-05
373394.30	3757744.19		-2.52E-03	373394.30	3757744.19		-7.70E-02	373394.30	3757744.19		1.00E-04
367047.63	3761097.01		-1.84E-03	367047.63	3761097.01		-6.89E-02	367047.63	3761097.01		5.33E-05
370737.54	3762942.92		-1.55E-03	370737.54	3762942.92		-6.47E-02	370737.54	3762942.92		3.32E-05
371031.93	3758057.86		-1.07E-03	371031.93	3758057.86		-4.94E-02	371031.93	3758057.86		1.78E-05
371034.38	3758338.88		-9.75E-04	371034.38	3758338.88		-4.99E-02	371034.38	3758338.88		1.22E-05
371091.65	3754274.94		-8.86E-04	371091.65	3754274.94		-5.02E-02	371091.65	3754274.94		1.05E-06
371165.78	3758547.83		-1.99E-03	371165.78	3758547.83		-1.36E-01	371165.78	3758547.83		-2.76E-05
372241.00	3757383.00		-2.50E-03	372241.00	3757383.00		-6.62E-02	372241.00	3757383.00		1.18E-04
372703.01	3761799.64		1.18E-03	372703.01	3761799.64		4.10E-01	372703.01	3761799.64		3.39E-04
374194.97	3754806.86		2.58E-03	374194.97	3754806.86		5.43E-01	374194.97	3754806.86		4.05E-04
374697.43	3760305.50		2.25E-03	374697.43	3760305.50		4.89E-01	374697.43	3760305.50		4.00E-04
375423.74	3758805.14		-2.89E-03	375423.74	3758805.14		-1.33E-01	375423.74	3758805.14		7.34E-05
375433.42	3757541.59		-3.05E-03	375433.42	3757541.59		-1.33E-01	375433.42	3757541.59		7.70E-05
378090.06	3758535.33		-3.41E-03	378090.06	3758535.33		-1.53E-01	378090.06	3758535.33		7.92E-05
368494.88	3756671.28		-3.72E-03	368494.88	3756671.28		-1.15E-01	368494.88	3756671.28		1.32E-04
370394.80	3756845.73		-2.38E-03	370394.80	3756845.73		-9.31E-02	370394.80	3756845.73		7.04E-05
368983.23	3754581.57		-3.64E-03	368983.23	3754581.57		-1.33E-01	368983.23	3754581.57		1.07E-04
369216.41	3758422.45		-1.93E-03	369216.41	3758422.45		-7.85E-02	369216.41	3758422.45		3.54E-05
369532.57	3755391.67		-1.42E-03	369532.57	3755391.67		-6.67E-02	369532.57	3755391.67		2.03E-05
369574.04	3758166.39		-1.30E-03	369574.04	3758166.39		-7.38E-02	369574.04	3758166.39		4.23E-07
369581.37	3758516.07		-7.96E-04	369581.37	3758516.07		-4.56E-02	369581.37	3758516.07		-8.86E-07
369830.08	3755394.84		-3.97E-03	369830.08	3755394.84		-1.31E-01	369830.08	3755394.84		1.20E-04
370114.12	3758186.53		-4.39E-03	370114.12	3758186.53		-1.54E-01	370114.12	3758186.53		1.25E-04
371021.69	3757820.60		-5.07E-03	371021.69	3757820.60		-1.90E-01	371021.69	3757820.60		1.49E-04
366809.77	3757837.27		-5.96E-03	366809.77	3757837.27		-2.32E-01	366809.77	3757837.27		1.63E-04
366843.26	3757860.52		-6.45E-03	366843.26	3757860.52		-2.58E-01	366843.26	3757860.52		1.70E-04
366900.00	3758500.00		-3.52E-03	366900.00	3758500.00		-1.79E-01	366900.00	3758500.00		4.09E-05
366900.00	3762500.00		-2.13E-03	366900.00	3762500.00		-9.45E-02	366900.00	3762500.00		1.61E-05
366900.00	3763500.00		-1.43E-03	366900.00	3763500.00		-7.51E-02	366900.00	3763500.00		5.07E-06
366900.00	3764500.00		-9.64E-04	366900.00	3764500.00		-5.14E-02	366900.00	3764500.00		4.16E-06
366982.41	3757958.65		-8.55E-04	366982.41	3757958.65		-4.49E-02	366982.41	3757958.65		2.70E-06
367163.97	3758028.80		-9.59E-03	367163.97	3758028.80		-3.62E-01	367163.97	3758028.80		3.86E-04
367275.38	3757999.92		-8.75E-03	367275.38	3757999.92		-3.41E-01	367275.38	3757999.92		2.67E-04
367395.04	3758065.94		-8.07E-03	367395.04	3758065.94		-3.19E-01	367395.04	3758065.94		1.95E-04
367880.40	3758145.84		-8.04E-03	367880.40	3758145.84		-3.32E-01	367880.40	3758145.84		1.50E-04
367900.00	3761500.00		-8.58E-03	367900.00	3761500.00		-3.58E-01	367900.00	3761500.00		1.54E-04
367900.00	3762500.00		-8.12E-03	367900.00	3762500.00		-3.26E-01	367900.00	3762500.00		1.74E-04
367900.00	3764500.00		-9.10E-03	367900.00	3764500.00		-3.80E-01	367900.00	3764500.00		1.84E-04
368068.97	3758068.94		-1.02E-02	368068.97	3758068.94		-4.51E-01	368068.97	3758068.94		7.76E-05
368182.48	3758015.85		-3.43E-03	368182.48	3758015.85		-1.58E-01	368182.48	3758015.85		4.93E-05
368416.83	3757988.39		-9.16E-04	368416.83	3757988.39		-4.47E-02	368416.83	3757988.39		2.20E-06
368577.94	3757979.23		-8.40E-04	368577.94	3757979.23		-4.33E-02	368577.94	3757979.23		3.35E-06
368764.68	3758079.93		-9.14E-03	368764.68	3758079.93		-3.79E-01	368764.68	3758079.93		1.98E-04
368900.00	3754500.00		-9.51E-03	368900.00	3754500.00		-3.49E-01	368900.00	3754500.00		1.97E-04
368900.00	3759500.00		-8.43E-03	368900.00	3759500.00		-3.26E-01	368900.00	3759500.00		1.79E-04
368900.00	3761500.00		-9.11E-03	368900.00	3761500.00		-3.03E-01	368900.00	3761500.00		1.61E-04
368900.00	3762500.00		-7.81E-03	368900.00	3762500.00		-2.76E-01	368900.00	3762500.00		1.46E-04
368900.00	3763500.00		-1.68E-03	368900.00	3763500.00		-8.79E-02	368900.00	3763500.00		3.17E-05
368900.00	3764500.00		-1.97E-03	368900.00	3764500.00		-1.04E-01	368900.00	3764500.00		-6.06E-06
368944.10	3758186.12		-2.68E-03	368944.10	3758186.12		-1.05E-01	368944.10	3758186.12		-3.98E-05
369206.25	3758147.26		-2.34E-03	369206.25	3758147.26		-1.00E-01	369206.25	3758147.26		-1.66E-05
369268.49	3758066.34		-1.25E-03	369268.49	3758066.34		-6.34E-02	369268.49	3758066.34		-8.49E-06
369333.85	3757999.43		-7.11E-04	369333.85	3757999.43		-3.87E-02	369333.85	3757999.43		-8.55E-06

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations
369425.60	3758641.99	2.91E-04	369425.60	3758641.99	2.47E-01	369425.60	3758641.99	2.02E-04
369599.53	3758634.67	-7.55E-04	369599.53	3758634.67	1.53E-01	369599.53	3758634.67	1.53E-04
369775.29	3758632.83	-1.37E-03	369775.29	3758632.83	9.94E-02	369775.29	3758632.83	1.06E-04
369834.01	3758329.33	-1.22E-03	369834.01	3758329.33	-5.36E-02	369834.01	3758329.33	1.34E-04
369900.00	3754500.00	-3.32E-03	369900.00	3754500.00	-5.41E-02	369900.00	3754500.00	1.02E-04
369900.00	3758500.00	-9.31E-04	369900.00	3758500.00	7.07E-02	369900.00	3758500.00	2.79E-04
369900.00	3759500.00	-1.48E-04	369900.00	3759500.00	1.21E-01	369900.00	3759500.00	2.61E-04
369900.00	3761500.00	-1.39E-03	369900.00	3761500.00	7.93E-02	369900.00	3761500.00	2.44E-04
369900.00	3762500.00	-2.17E-03	369900.00	3762500.00	5.60E-02	369900.00	3762500.00	2.21E-04
369900.00	3764500.00	-2.33E-03	369900.00	3764500.00	5.29E-02	369900.00	3764500.00	2.03E-04
370006.10	3758331.16	-1.79E-03	370006.10	3758331.16	8.25E-02	370006.10	3758331.16	1.91E-04
370183.69	3758338.49	-1.81E-04	370183.69	3758338.49	1.82E-01	370183.69	3758338.49	1.87E-04
370425.35	3758336.66	-1.23E-03	370425.35	3758336.66	9.86E-02	370425.35	3758336.66	1.48E-04
370701.79	3758334.82	-1.63E-03	370701.79	3758334.82	5.73E-02	370701.79	3758334.82	1.15E-04
370780.52	3758327.50	-1.76E-03	370780.52	3758327.50	4.41E-02	370780.52	3758327.50	1.18E-04
370900.00	3759500.00	-1.52E-03	370900.00	3759500.00	-8.57E-02	370900.00	3759500.00	4.14E-05
370900.00	3760500.00	-1.94E-03	370900.00	3760500.00	-1.24E-01	370900.00	3760500.00	7.69E-05
370900.00	3762500.00	-3.89E-03	370900.00	3762500.00	-3.21E-01	370900.00	3762500.00	1.02E-04
370900.00	3763500.00	-2.67E-03	370900.00	3763500.00	-1.14E-01	370900.00	3763500.00	6.36E-05
370900.00	3764500.00	-2.26E-03	370900.00	3764500.00	1.39E-02	370900.00	3764500.00	1.69E-04
371295.29	3758036.94	-2.55E-03	371295.29	3758036.94	-6.69E-02	371295.29	3758036.94	3.13E-05
371421.46	3758118.19	-1.80E-03	371421.46	3758118.19	-7.84E-02	371421.46	3758118.19	-1.96E-05
371550.51	3758209.00	-1.63E-03	371550.51	3758209.00	-8.00E-02	371550.51	3758209.00	-3.42E-05
371685.28	3758299.81	-3.54E-04	371685.28	3758299.81	-2.08E-02	371685.28	3758299.81	-5.82E-06
371754.11	3758291.20	-1.26E-03	371754.11	3758291.20	-7.85E-02	371754.11	3758291.20	3.74E-05
371807.64	3758213.78	-2.70E-03	371807.64	3758213.78	-2.43E-01	371807.64	3758213.78	2.16E-05
371874.55	3758164.07	-1.56E-03	371874.55	3758164.07	-6.40E-02	371874.55	3758164.07	-2.38E-05
371900.00	3758500.00	-2.58E-03	371900.00	3758500.00	-8.51E-02	371900.00	3758500.00	7.87E-05
371900.00	3759500.00	-1.96E-03	371900.00	3759500.00	-7.61E-02	371900.00	3759500.00	-2.90E-05
371900.00	3762500.00	-1.22E-03	371900.00	3762500.00	-5.17E-02	371900.00	3762500.00	-6.73E-06
371900.00	3763500.00	-9.03E-04	371900.00	3763500.00	-4.68E-02	371900.00	3763500.00	-8.15E-06
371933.81	3758104.81	-6.19E-04	371933.81	3758104.81	-3.76E-02	371933.81	3758104.81	-1.74E-05
372241.00	3757883.00	-5.40E-04	372241.00	3757883.00	-3.59E-02	372241.00	3757883.00	-1.90E-05
372241.00	3757983.00	-9.60E-04	372241.00	3757983.00	-6.93E-02	372241.00	3757983.00	-6.05E-05
372341.00	3757883.00	-8.51E-04	372341.00	3757883.00	-4.96E-02	372341.00	3757883.00	2.09E-05
372341.00	3757983.00	-1.69E-03	372341.00	3757983.00	-1.44E-01	372341.00	3757983.00	2.45E-05
372900.00	3753500.00	-1.59E-03	372900.00	3753500.00	-8.14E-02	372900.00	3753500.00	6.95E-05
372900.00	3754500.00	-1.31E-03	372900.00	3754500.00	-5.85E-02	372900.00	3754500.00	1.69E-06
372900.00	3759500.00	-8.46E-04	372900.00	3759500.00	-3.91E-02	372900.00	3759500.00	-1.56E-07
372900.00	3760500.00	-8.12E-04	372900.00	3760500.00	-4.33E-02	372900.00	3760500.00	-5.27E-06
372900.00	3761500.00	-1.45E-03	372900.00	3761500.00	-1.11E-01	372900.00	3761500.00	-5.55E-05
372900.00	3762500.00	-5.86E-04	372900.00	3762500.00	-3.29E-02	372900.00	3762500.00	-8.48E-06
373541.00	3757783.00	-7.97E-04	373541.00	3757783.00	-3.78E-02	373541.00	3757783.00	-7.25E-08
373541.00	3757883.00	-1.19E-03	373541.00	3757883.00	-8.51E-02	373541.00	3757883.00	4.94E-05
373541.00	3757983.00	-1.31E-03	373541.00	3757983.00	-7.21E-02	373541.00	3757983.00	7.00E-05
373641.00	3756983.00	-7.28E-04	373641.00	3756983.00	1.69E-03	373641.00	3756983.00	6.80E-05
373641.00	3757083.00	-1.09E-03	373641.00	3757083.00	-2.84E-02	373641.00	3757083.00	2.17E-05
373641.00	3757183.00	-8.80E-04	373641.00	3757183.00	-3.18E-02	373641.00	3757183.00	-1.84E-05
373641.00	3757283.00	-7.84E-04	373641.00	3757283.00	-3.50E-02	373641.00	3757283.00	5.36E-06
373641.00	3757383.00	-7.01E-04	373641.00	3757383.00	-3.51E-02	373641.00	3757383.00	3.20E-06
373641.00	3757483.00	-7.33E-04	373641.00	3757483.00	-4.71E-02	373641.00	3757483.00	-1.77E-05
373641.00	3757583.00	-6.54E-04	373641.00	3757583.00	-4.41E-02	373641.00	3757583.00	1.25E-05
373641.00	3757683.00	-1.53E-03	373641.00	3757683.00	-1.50E-01	373641.00	3757683.00	-8.29E-06
373641.00	3757783.00	-9.87E-04	373641.00	3757783.00	-6.97E-02	373641.00	3757783.00	4.59E-05
373641.00	3757883.00	-1.05E-03	373641.00	3757883.00	-6.27E-02	373641.00	3757883.00	6.70E-05
373641.00	3757983.00	-1.20E-03	373641.00	3757983.00	-5.35E-02	373641.00	3757983.00	5.80E-05
373687.89	3757980.08	-1.02E-03	373687.89	3757980.08	-3.02E-02	373687.89	3757980.08	2.35E-05
373900.00	3753500.00	-8.68E-04	373900.00	3753500.00	-3.12E-02	373900.00	3753500.00	-1.64E-05
373900.00	3754500.00	-7.28E-04	373900.00	3754500.00	-3.14E-02	373900.00	3754500.00	5.34E-06
373900.00	3755500.00	-6.07E-04	373900.00	3755500.00	-2.86E-02	373900.00	3755500.00	4.49E-06
373900.00	3756500.00	-5.83E-04	373900.00	3756500.00	-3.12E-02	373900.00	3756500.00	1.91E-06
373900.00	3757500.00	-5.55E-04	373900.00	3757500.00	-3.14E-02	373900.00	3757500.00	3.90E-06
373900.00	3758500.00	-7.16E-04	373900.00	3758500.00	-4.22E-02	373900.00	3758500.00	1.03E-06

LAX Landside Access Modernization Program Project, 2016 Draft EIR

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations
373900.00	3760500.00	-5.82E-04	373900.00	3760500.00	-4.05E-02	373900.00	3760500.00	1.08E-05
373900.00	3761500.00	-8.10E-04	373900.00	3761500.00	-6.24E-02	373900.00	3761500.00	3.85E-05
373900.00	3764500.00	-9.15E-04	373900.00	3764500.00	-5.59E-02	373900.00	3764500.00	7.69E-05
374900.00	3754500.00	-1.09E-03	374900.00	3754500.00	-5.46E-02	374900.00	3754500.00	5.99E-05
374900.00	3755500.00	-3.84E-04	374900.00	3755500.00	9.32E-03	374900.00	3755500.00	3.48E-05
374900.00	3756500.00	-9.17E-04	374900.00	3756500.00	-2.94E-02	374900.00	3756500.00	2.24E-05
374900.00	3757500.00	-7.93E-04	374900.00	3757500.00	-2.75E-02	374900.00	3757500.00	-1.30E-05
374900.00	3759500.00	-5.89E-04	374900.00	3759500.00	-2.75E-02	374900.00	3759500.00	5.65E-06
374900.00	3760500.00	-5.18E-04	374900.00	3760500.00	-2.64E-02	374900.00	3760500.00	4.47E-06
374900.00	3761500.00	-6.37E-04	374900.00	3761500.00	-3.86E-02	374900.00	3761500.00	3.11E-06
374900.00	3762500.00	-1.15E-03	374900.00	3762500.00	-6.25E-02	374900.00	3762500.00	7.73E-05
374900.00	3763500.00	-8.43E-04	374900.00	3763500.00	-7.89E-02	374900.00	3763500.00	1.94E-06
374900.00	3764500.00	-8.19E-04	374900.00	3764500.00	-6.95E-02	374900.00	3764500.00	3.96E-05
375900.00	3753500.00	-9.30E-04	375900.00	3753500.00	-6.02E-02	375900.00	3753500.00	7.87E-05
375900.00	3755500.00	-9.57E-04	375900.00	3755500.00	-5.09E-02	375900.00	3755500.00	6.11E-05
375900.00	3756500.00	-8.13E-04	375900.00	3756500.00	-2.88E-02	375900.00	3756500.00	2.45E-05
375900.00	3760500.00	-7.18E-04	375900.00	3760500.00	-2.32E-02	375900.00	3760500.00	-7.04E-06
375900.00	3761500.00	-6.79E-04	375900.00	3761500.00	-2.80E-02	375900.00	3761500.00	6.85E-06
375900.00	3762500.00	-7.02E-04	375900.00	3762500.00	-3.55E-02	375900.00	3762500.00	3.41E-06
375900.00	3763500.00	-5.11E-04	375900.00	3763500.00	-2.60E-02	375900.00	3763500.00	4.70E-06
375900.00	3764500.00	-4.98E-04	375900.00	3764500.00	-2.74E-02	375900.00	3764500.00	2.50E-06
376084.62	3761776.42	-3.86E-04	376084.62	3761776.42	-2.96E-02	376084.62	3761776.42	-2.25E-05
376900.00	3755500.00	-7.59E-04	376900.00	3755500.00	-7.03E-02	376900.00	3755500.00	-9.89E-06
376900.00	3756500.00	-9.09E-04	376900.00	3756500.00	-8.31E-02	376900.00	3756500.00	1.91E-05
376900.00	3758500.00	-8.67E-04	376900.00	3758500.00	-6.05E-02	376900.00	3758500.00	6.04E-05
376900.00	3759500.00	-9.10E-04	376900.00	3759500.00	-5.35E-02	376900.00	3759500.00	6.51E-05
376900.00	3760500.00	-4.65E-04	376900.00	3760500.00	-1.14E-02	376900.00	3760500.00	4.79E-05
376900.00	3761500.00	-7.93E-04	376900.00	3761500.00	-3.35E-02	376900.00	3761500.00	3.24E-05
376900.00	3762500.00	-7.28E-04	376900.00	3762500.00	-2.85E-02	376900.00	3762500.00	3.88E-06
376900.00	3764500.00	-6.89E-04	376900.00	3764500.00	-2.99E-02	376900.00	3764500.00	1.40E-05
377900.00	3753500.00	-7.94E-04	377900.00	3753500.00	-4.09E-02	377900.00	3753500.00	1.14E-05
377900.00	3754500.00	-6.17E-04	377900.00	3754500.00	-3.21E-02	377900.00	3754500.00	7.69E-06
377900.00	3755500.00	-6.62E-04	377900.00	3755500.00	-5.94E-02	377900.00	3755500.00	-2.23E-05
377900.00	3756500.00	-9.21E-04	377900.00	3756500.00	-8.67E-02	377900.00	3756500.00	1.72E-05
377900.00	3757500.00	-7.93E-04	377900.00	3757500.00	-5.71E-02	377900.00	3757500.00	6.91E-05
377900.00	3759500.00	-1.41E-03	377900.00	3759500.00	-1.06E-01	377900.00	3759500.00	1.19E-04
377900.00	3760500.00	-1.08E-03	377900.00	3760500.00	-6.36E-02	377900.00	3760500.00	8.35E-05
377900.00	3761500.00	-1.10E-03	377900.00	3761500.00	-6.21E-02	377900.00	3761500.00	5.39E-05
377900.00	3762500.00	-1.03E-03	377900.00	3762500.00	-6.11E-02	377900.00	3762500.00	3.91E-05
377900.00	3763500.00	-1.02E-03	377900.00	3763500.00	-6.06E-02	377900.00	3763500.00	5.02E-05
377900.00	3764500.00	-1.08E-03	377900.00	3764500.00	-5.61E-02	377900.00	3764500.00	1.24E-05
378528.59	3764156.44	-9.57E-04	378528.59	3764156.44	-6.13E-02	378528.59	3764156.44	2.17E-05
378900.00	3753500.00	-3.04E-04	378900.00	3753500.00	-2.00E-02	378900.00	3753500.00	4.93E-07
378900.00	3755500.00	-4.37E-04	378900.00	3755500.00	-3.24E-02	378900.00	3755500.00	1.86E-06
378900.00	3756500.00	-6.13E-04	378900.00	3756500.00	-4.99E-02	378900.00	3756500.00	4.37E-06
378900.00	3757500.00	-5.43E-04	378900.00	3757500.00	-3.63E-02	378900.00	3757500.00	2.17E-05
378900.00	3758500.00	-6.51E-04	378900.00	3758500.00	-3.88E-02	378900.00	3758500.00	3.67E-05
378900.00	3759500.00	-6.77E-04	378900.00	3759500.00	-3.49E-02	378900.00	3759500.00	3.58E-05
378900.00	3760500.00	-6.59E-04	378900.00	3760500.00	-3.08E-02	378900.00	3760500.00	3.10E-05
378900.00	3762500.00	-6.60E-04	378900.00	3762500.00	-2.95E-02	378900.00	3762500.00	2.27E-05
378900.00	3763500.00	-6.30E-04	378900.00	3763500.00	-2.84E-02	378900.00	3763500.00	1.62E-05
378900.00	3764500.00	-5.86E-04	378900.00	3764500.00	-2.74E-02	378900.00	3764500.00	1.53E-05
378902.85	3757271.45	-5.62E-04	378902.85	3757271.45	-2.68E-02	378902.85	3757271.45	1.07E-05
379900.00	3754500.00	-4.98E-04	379900.00	3754500.00	-2.63E-02	379900.00	3754500.00	1.11E-05
379900.00	3755500.00	-2.58E-04	379900.00	3755500.00	-1.55E-02	379900.00	3755500.00	3.31E-06
379900.00	3756500.00	-3.11E-04	379900.00	3756500.00	-2.00E-02	379900.00	3756500.00	4.12E-06
379900.00	3757500.00	-4.37E-04	379900.00	3757500.00	-3.22E-02	379900.00	3757500.00	6.02E-06
379900.00	3759500.00	-4.46E-04	379900.00	3759500.00	-2.89E-02	379900.00	3759500.00	1.34E-05
379900.00	3760500.00	-5.05E-04	379900.00	3760500.00	-2.89E-02	379900.00	3760500.00	2.24E-05
379900.00	3761500.00	-5.01E-04	379900.00	3761500.00	-2.18E-02	379900.00	3761500.00	1.19E-05
379900.00	3762500.00	-4.64E-04	379900.00	3762500.00	-2.09E-02	379900.00	3762500.00	9.72E-06
379900.00	3763500.00	-4.23E-04	379900.00	3763500.00	-2.02E-02	379900.00	3763500.00	7.95E-06
379900.00	3764500.00	-2.21E-04	379900.00	3764500.00	-1.26E-02	379900.00	3764500.00	3.71E-06

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations
380900.00	3753500.00	-2.59E-04	380900.00	3753500.00	-1.56E-02	380900.00	3753500.00	4.29E-06
380900.00	3754500.00	-3.37E-04	380900.00	3754500.00	-2.27E-02	380900.00	3754500.00	5.65E-06
380900.00	3755500.00	-3.79E-04	380900.00	3755500.00	-2.39E-02	380900.00	3755500.00	1.00E-05
380900.00	3756500.00	-4.23E-04	380900.00	3756500.00	-2.39E-02	380900.00	3756500.00	1.59E-05
380900.00	3757500.00	-4.76E-04	380900.00	3757500.00	-2.37E-02	380900.00	3757500.00	1.91E-05
380900.00	3758500.00	-4.96E-04	380900.00	3758500.00	-2.23E-02	380900.00	3758500.00	1.90E-05
380900.00	3759500.00	-4.93E-04	380900.00	3759500.00	-2.10E-02	380900.00	3759500.00	1.65E-05
380900.00	3760500.00	-4.84E-04	380900.00	3760500.00	-2.01E-02	380900.00	3760500.00	1.33E-05
380900.00	3761500.00	-4.54E-04	380900.00	3761500.00	-1.92E-02	380900.00	3761500.00	1.07E-05
380900.00	3762500.00	-4.17E-04	380900.00	3762500.00	-1.81E-02	380900.00	3762500.00	8.83E-06
380900.00	3763500.00	-3.80E-04	380900.00	3763500.00	-1.71E-02	380900.00	3763500.00	7.22E-06
381900.00	3754500.00	-1.16E-03	381900.00	3754500.00	-5.51E-02	381900.00	3754500.00	2.83E-05
381900.00	3755500.00	-1.29E-03	381900.00	3755500.00	-6.95E-02	381900.00	3755500.00	3.14E-05
381900.00	3756500.00	-9.82E-04	381900.00	3756500.00	-3.75E-02	381900.00	3756500.00	2.77E-05
381900.00	3757500.00	-1.35E-03	381900.00	3757500.00	-5.04E-02	381900.00	3757500.00	3.84E-05
381900.00	3759500.00	-1.86E-03	381900.00	3759500.00	-8.26E-02	381900.00	3759500.00	4.05E-05
381900.00	3760500.00	-6.84E-04	381900.00	3760500.00	-3.55E-02	381900.00	3760500.00	7.56E-06
381900.00	3761500.00	-1.24E-03	381900.00	3761500.00	-4.97E-02	381900.00	3761500.00	3.53E-05
381900.00	3762500.00	-3.71E-03	381900.00	3762500.00	-2.41E-01	381900.00	3762500.00	1.17E-04
381900.00	3763500.00	-1.34E-03	381900.00	3763500.00	-5.69E-02	381900.00	3763500.00	2.79E-05
381900.00	3764500.00	-1.96E-03	381900.00	3764500.00	1.32E-02	381900.00	3764500.00	1.75E-04
382900.00	3753500.00	-1.44E-03	382900.00	3753500.00	-6.15E-02	382900.00	3753500.00	3.64E-05
382900.00	3754500.00	-1.45E-03	382900.00	3754500.00	-5.60E-02	382900.00	3754500.00	3.26E-05
382900.00	3755500.00	-1.38E-03	382900.00	3755500.00	-8.56E-02	382900.00	3755500.00	-7.52E-06
382900.00	3756500.00	-5.16E-03	382900.00	3756500.00	-1.87E-01	382900.00	3756500.00	1.59E-04
382900.00	3757500.00	-7.76E-03	382900.00	3757500.00	-3.19E-01	382900.00	3757500.00	2.33E-04
382900.00	3758500.00	-2.30E-03	382900.00	3758500.00	-1.44E-01	382900.00	3758500.00	3.94E-05
382900.00	3759500.00	-3.90E-03	382900.00	3759500.00	-2.23E-01	382900.00	3759500.00	7.27E-05
382900.00	3760500.00	-2.13E-02	382900.00	3760500.00	-8.07E-01	382900.00	3760500.00	4.33E-04
382900.00	3761500.00	-7.70E-03	382900.00	3761500.00	-3.29E-01	382900.00	3761500.00	1.09E-04
382900.00	3762500.00	-2.63E-03	382900.00	3762500.00	-1.29E-01	382900.00	3762500.00	-2.07E-05
382900.00	3763500.00	-1.53E-02	382900.00	3763500.00	-6.89E-01	382900.00	3763500.00	5.96E-04
382900.00	3764500.00	-5.54E-02	382900.00	3764500.00	-1.79E+00	382900.00	3764500.00	1.95E-03
383900.00	3753500.00	-4.33E-02	383900.00	3753500.00	-1.51E+00	383900.00	3753500.00	1.59E-03
383900.00	3754500.00	-4.38E-02	383900.00	3754500.00	-1.71E+00	383900.00	3754500.00	1.43E-03
383900.00	3755500.00	-4.28E-02	383900.00	3755500.00	-9.63E-01	383900.00	3755500.00	2.29E-03
383900.00	3756500.00	-3.03E-02	383900.00	3756500.00	-6.52E-01	383900.00	3756500.00	1.93E-03
383900.00	3757500.00	-3.60E-02	383900.00	3757500.00	-1.18E+00	383900.00	3757500.00	1.59E-03
383900.00	3762500.00	-1.22E-02	383900.00	3762500.00	-4.83E-01	383900.00	3762500.00	5.11E-04
383900.00	3763500.00	-3.79E-02	383900.00	3763500.00	-6.83E-01	383900.00	3763500.00	2.57E-03
383900.00	3764500.00	-1.91E-02	383900.00	3764500.00	7.32E-02	383900.00	3764500.00	2.43E-03
384900.00	3753500.00	-3.72E-02	384900.00	3753500.00	-7.03E-01	384900.00	3753500.00	2.69E-03
384900.00	3754500.00	-1.46E-02	384900.00	3754500.00	4.07E-01	384900.00	3754500.00	2.74E-03
384900.00	3755500.00	-3.64E-02	384900.00	3755500.00	-6.36E-01	384900.00	3755500.00	2.81E-03
384900.00	3756500.00	-1.24E-02	384900.00	3756500.00	3.13E-01	384900.00	3756500.00	2.41E-03
384900.00	3757500.00	-3.17E-02	384900.00	3757500.00	-4.82E-01	384900.00	3757500.00	2.63E-03
384900.00	3758500.00	-9.59E-03	384900.00	3758500.00	6.48E-01	384900.00	3758500.00	2.71E-03
384900.00	3759500.00	-3.18E-02	384900.00	3759500.00	-5.17E-01	384900.00	3759500.00	2.57E-03
384900.00	3760500.00	-1.01E-02	384900.00	3760500.00	5.19E-01	384900.00	3760500.00	2.51E-03
384900.00	3761500.00	-3.50E-02	384900.00	3761500.00	-6.41E-01	384900.00	3761500.00	2.63E-03
384900.00	3762500.00	-9.90E-03	384900.00	3762500.00	4.96E-01	384900.00	3762500.00	2.48E-03
384900.00	3763500.00	-3.27E-02	384900.00	3763500.00	-5.78E-01	384900.00	3763500.00	2.58E-03
384900.00	3764500.00	-6.41E-03	384900.00	3764500.00	6.47E-01	384900.00	3764500.00	2.60E-03
371641.00	3756983.00	-1.23E-02	371641.00	3756983.00	5.16E-02	371641.00	3756983.00	1.76E-03
371741.00	3756983.00	-3.16E-02	371741.00	3756983.00	-5.37E-01	371741.00	3756983.00	2.81E-03
371841.00	3756983.00	-5.19E-03	371841.00	3756983.00	7.08E-01	371841.00	3756983.00	2.93E-03
371941.00	3756983.00	-1.13E-02	371941.00	3756983.00	6.40E-02	371941.00	3756983.00	1.76E-03
371941.00	3757683.00	-1.70E-03	371941.00	3757683.00	-8.21E-02	371941.00	3757683.00	3.57E-05
372041.00	3756983.00	-2.74E-03	372041.00	3756983.00	-1.23E-01	372041.00	3756983.00	4.72E-05
372141.00	3756983.00	-3.59E-03	372141.00	3756983.00	-1.55E-01	372141.00	3756983.00	-3.88E-05
372241.00	3756983.00	-1.45E-03	372241.00	3756983.00	-6.66E-02	372241.00	3756983.00	7.88E-06
372341.00	3756983.00	-6.86E-04	372341.00	3756983.00	-3.65E-02	372341.00	3756983.00	6.56E-07
372441.00	3756983.00	-3.19E-02	372441.00	3756983.00	-5.25E-01	372441.00	3756983.00	2.97E-03

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y	2035 Operations		UTM X	UTM Y	2035 Operations		UTM X	UTM Y	2035 Operations	
372541.00	3756983.00	-1.08E-02		372541.00	3756983.00	2.92E-01		372541.00	3756983.00	2.58E-03	
372641.00	3756983.00	-1.06E-02		372641.00	3756983.00	8.48E-02		372641.00	3756983.00	1.93E-03	
373241.00	3756983.00	-1.51E-02		373241.00	3756983.00	-3.32E-01		373241.00	3756983.00	1.21E-03	
373341.00	3756983.00	-2.97E-02		373341.00	3756983.00	-4.69E-01		373341.00	3756983.00	2.60E-03	
373441.00	3756983.00	-1.06E-02		373441.00	3756983.00	3.46E-01		373441.00	3756983.00	3.27E-03	
373441.00	3757583.00	-9.81E-03		373441.00	3757583.00	1.22E-01		373441.00	3757583.00	2.00E-03	
373441.00	3757683.00	-1.29E-02		373441.00	3757683.00	-2.18E-01		373441.00	3757683.00	1.19E-03	
373441.00	3757783.00	-1.53E-02		373441.00	3757783.00	-5.65E-01		373441.00	3757783.00	2.03E-04	
373441.00	3757883.00	-1.11E-02		373441.00	3757883.00	-4.29E-01		373441.00	3757883.00	2.57E-04	
373441.00	3757983.00	-1.02E-02		373441.00	3757983.00	-4.21E-01		373441.00	3757983.00	2.30E-04	
373541.00	3756983.00	-2.78E-02		373541.00	3756983.00	-4.09E-01		373541.00	3756983.00	2.33E-03	
373541.00	3757083.00	-1.24E-02		373541.00	3757083.00	1.42E-01		373541.00	3757083.00	2.68E-03	
373541.00	3757183.00	-9.16E-03		373541.00	3757183.00	1.37E-01		373541.00	3757183.00	2.11E-03	
373541.00	3757283.00	-1.26E-02		373541.00	3757283.00	-4.51E-01		373541.00	3757283.00	2.28E-04	
373541.00	3757383.00	-1.03E-02		373541.00	3757383.00	-3.85E-01		373541.00	3757383.00	2.27E-04	
373541.00	3757483.00	-9.11E-03		373541.00	3757483.00	-3.59E-01		373541.00	3757483.00	2.05E-04	
373541.00	3757583.00	-2.61E-02		373541.00	3757583.00	-3.84E-01		373541.00	3757583.00	1.94E-03	
373541.00	3757683.00	-6.83E-03		373541.00	3757683.00	5.22E-01		373541.00	3757683.00	3.21E-03	
366455.27	3763213.67	-8.35E-03		366455.27	3763213.67	1.64E-01		366455.27	3763213.67	2.11E-03	
366669.62	3763342.53	-1.03E-02		366669.62	3763342.53	-1.99E-01		366669.62	3763342.53	8.16E-04	
366671.31	3762769.21	-1.06E-02		366671.31	3762769.21	-2.73E-01		366671.31	3762769.21	5.16E-04	
367494.53	3758314.82	-1.14E-02		367494.53	3758314.82	-3.52E-01		367494.53	3758314.82	3.24E-04	
367575.16	3764900.80	-1.19E-02		367575.16	3764900.80	-4.07E-01		367575.16	3764900.80	2.06E-04	
367638.49	3757975.16	-2.43E-02		367638.49	3757975.16	-3.24E-01		367638.49	3757975.16	1.96E-03	
367728.62	3761967.19	-5.93E-03		367728.62	3761967.19	5.57E-01		367728.62	3761967.19	3.28E-03	
367787.59	3758292.62	-7.46E-03		367787.59	3758292.62	1.96E-01		367787.59	3758292.62	2.04E-03	
367831.34	3763245.91	-8.81E-03		367831.34	3763245.91	-3.84E-02		367831.34	3763245.91	1.27E-03	
367900.00	3758500.00	-9.15E-03		367900.00	3758500.00	-1.39E-01		367900.00	3758500.00	8.01E-04	
367926.08	3763311.16	-9.61E-03		367926.08	3763311.16	-2.19E-01		367926.08	3763311.16	4.98E-04	
367964.98	3758232.97	-1.12E-02		367964.98	3758232.97	-3.18E-01		367964.98	3758232.97	2.91E-04	
367976.37	3763336.74	-1.07E-02		367976.37	3763336.74	-3.51E-01		367976.37	3763336.74	1.98E-04	
367978.91	3758390.10	-2.54E-02		367978.91	3758390.10	-3.54E-01		367978.91	3758390.10	1.71E-03	
368188.78	3758591.47	3.02E-03		368188.78	3758591.47	1.20E+00		368188.78	3758591.47	3.85E-03	
368501.11	3761632.38	-6.47E-03		368501.11	3761632.38	2.63E-01		368501.11	3761632.38	2.22E-03	
368505.49	3758571.22	-7.73E-03		368505.49	3758571.22	3.37E-02		368505.49	3758571.22	1.35E-03	
368673.29	3761677.69	-8.01E-03		368673.29	3761677.69	-7.20E-02		368673.29	3761677.69	7.63E-04	
368693.42	3758359.47	-8.58E-03		368693.42	3758359.47	-1.58E-01		368693.42	3758359.47	4.60E-04	
368842.92	3761590.39	-1.07E-02		368842.92	3761590.39	-2.96E-01		368842.92	3761590.39	2.50E-04	
368869.11	3754097.89	-1.22E-02		368869.11	3754097.89	-4.02E-01		368869.11	3754097.89	1.19E-04	
368869.83	3765067.00	-9.27E-03		368869.83	3765067.00	-3.32E-01		368869.83	3765067.00	1.14E-04	
368969.99	3761647.20	-7.77E-03		368969.99	3761647.20	-2.80E-01		368969.99	3761647.20	1.02E-04	
368970.54	3754677.64	-1.96E-02		368970.54	3754677.64	-8.43E-02		368970.54	3754677.64	1.47E-03	
369007.11	3762513.11	-1.48E-04		369007.11	3762513.11	8.56E-01		369007.11	3762513.11	2.69E-03	
369227.99	3762251.91	-5.32E-03		369227.99	3762251.91	2.92E-01		369227.99	3762251.91	1.56E-03	
369242.37	3754695.62	-6.07E-03		369242.37	3754695.62	1.22E-01		369242.37	3754695.62	8.67E-04	
369456.98	3762567.48	-6.47E-03		369456.98	3762567.48	3.31E-02		369456.98	3762567.48	6.63E-04	
369504.00	3754702.08	-7.26E-03		369504.00	3754702.08	-7.34E-02		369504.00	3754702.08	3.91E-04	
369767.91	3761150.98	-9.54E-03		369767.91	3761150.98	-2.19E-01		369767.91	3761150.98	1.87E-04	
369809.34	3764567.65	-1.12E-02		369809.34	3764567.65	-3.43E-01		369809.34	3764567.65	5.27E-05	
369845.18	3754154.97	-8.60E-03		369845.18	3754154.97	-2.89E-01		369845.18	3754154.97	4.29E-05	
369848.41	3753976.49	-7.33E-03		369848.41	3753976.49	-2.83E-01		369848.41	3753976.49	3.15E-05	
370097.88	3760014.31	-3.98E-03		370097.88	3760014.31	3.02E-01		370097.88	3760014.31	9.97E-04	
370150.95	3754699.75	-2.65E-03		370150.95	3754699.75	3.36E-01		370150.95	3754699.75	4.27E-04	
370192.96	3758860.70	-5.00E-03		370192.96	3758860.70	8.68E-02		370192.96	3758860.70	2.45E-04	
370243.17	3759622.98	-7.78E-03		370243.17	3759622.98	-1.04E-01		370243.17	3759622.98	6.12E-05	
370246.20	3754243.12	-9.86E-03		370246.20	3754243.12	-2.55E-01		370246.20	3754243.12	-8.59E-05	
370290.74	3759464.60	-7.67E-03		370290.74	3759464.60	-2.28E-01		370290.74	3759464.60	-1.01E-04	
370608.78	3762239.97	-6.70E-03		370608.78	3762239.97	-2.37E-01		370608.78	3762239.97	-1.18E-04	
370614.80	3762181.53	-5.90E-03		370614.80	3762181.53	9.48E-03		370614.80	3762181.53	-8.47E-06	
370625.96	3763759.08	-7.55E-03		370625.96	3763759.08	-1.44E-01		370625.96	3763759.08	-8.74E-05	
370723.56	3763867.78	-5.76E-03		370723.56	3763867.78	-1.34E-01		370723.56	3763867.78	-4.00E-04	
370968.58	3759443.63	-6.16E-03		370968.58	3759443.63	-2.10E-01		370968.58	3759443.63	-2.31E-04	
371139.14	3758179.30	-5.95E-03		371139.14	3758179.30	-2.83E-02		371139.14	3758179.30	-3.22E-04	

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations
371516.05	3762577.75	-5.35E-03	371516.05	3762577.75	-1.02E-01	371516.05	3762577.75	-3.26E-04
371721.40	3759371.61	-4.70E-03	371721.40	3759371.61	-1.18E-01	371721.40	3759371.61	-3.19E-04
371973.81	3758892.65	-8.03E-03	371973.81	3758892.65	-2.52E-01	371973.81	3758892.65	8.47E-05
372687.72	3759513.01	-1.35E-02	372687.72	3759513.01	-4.01E-01	372687.72	3759513.01	2.47E-04
372943.49	3761051.66	-6.89E-03	372943.49	3761051.66	-3.18E-01	372943.49	3761051.66	-1.47E-04
373546.52	3760907.48	-4.77E-04	373546.52	3760907.48	-2.93E-02	373546.52	3760907.48	-6.61E-06
373736.60	3756503.93	-5.68E-04	373736.60	3756503.93	-3.47E-02	373736.60	3756503.93	-1.13E-05
373758.20	3758043.23	-3.64E-03	373758.20	3758043.23	1.16E-01	373758.20	3758043.23	-6.73E-05
373781.58	3755802.14	-4.96E-03	373781.58	3755802.14	-6.32E-02	373781.58	3755802.14	-1.05E-04
373814.20	3756040.57	-4.63E-03	373814.20	3756040.57	-9.28E-02	373814.20	3756040.57	-1.03E-04
373990.06	3753826.14	-4.82E-03	373990.06	3753826.14	-2.32E-01	373990.06	3753826.14	8.48E-04
374057.73	3758196.51	-2.58E-03	374057.73	3758196.51	-2.96E-02	374057.73	3758196.51	1.69E-03
374270.95	3758673.42	1.26E-03	374270.95	3758673.42	4.87E-01	374270.95	3758673.42	7.46E-05
374561.05	3757642.94	-3.80E-03	374561.05	3757642.94	1.10E-02	374561.05	3757642.94	-7.81E-05
374688.84	3758984.90	-4.94E-03	374688.84	3758984.90	-1.18E-01	374688.84	3758984.90	-1.45E-04
374693.96	3758983.17	1.99E-03	374693.96	3758983.17	4.87E-01	374693.96	3758983.17	1.78E-04
374717.46	3762574.39	-2.70E-03	374717.46	3762574.39	7.12E-02	374717.46	3762574.39	2.75E-05
375503.80	3764537.77	-3.77E-03	375503.80	3764537.77	-4.02E-02	375503.80	3764537.77	-4.17E-05
375614.97	3760555.10	2.99E-03	375614.97	3760555.10	5.22E-01	375614.97	3760555.10	2.38E-04
375718.04	3758204.95	-1.37E-03	375718.04	3758204.95	1.45E-01	375718.04	3758204.95	1.05E-04
375902.79	3764940.52	-2.61E-03	375902.79	3764940.52	2.84E-02	375902.79	3764940.52	3.87E-05
375908.38	3763938.71	-8.81E-03	375908.38	3763938.71	-2.51E-01	375908.38	3763938.71	-4.27E-04
375920.60	3762083.39	-7.00E-03	375920.60	3762083.39	-2.33E-01	375920.60	3762083.39	-4.52E-04
376709.15	3756388.48	-5.34E-03	376709.15	3756388.48	-3.14E-01	376709.15	3756388.48	1.80E-04
376814.39	3754856.21	-4.38E-03	376814.39	3754856.21	-1.93E-01	376814.39	3754856.21	3.68E-04
377050.15	3761774.29	4.42E-03	377050.15	3761774.29	5.75E-01	377050.15	3761774.29	2.32E-04
377052.34	3761911.90	2.32E-03	377052.34	3761911.90	3.74E-01	377052.34	3761911.90	1.60E-04
377227.14	3756422.42	9.09E-04	377227.14	3756422.42	2.53E-01	377227.14	3756422.42	9.59E-05
377237.88	3763993.21	-1.56E-05	377237.88	3763993.21	2.25E-01	377237.88	3763993.21	-3.98E-04
377313.01	3756205.13	2.00E-02	377313.01	3756205.13	9.73E-01	377313.01	3756205.13	-8.37E-05
377330.56	3760754.60	1.14E-02	377330.56	3760754.60	6.16E-01	377330.56	3760754.60	2.72E-04
377342.37	3764027.27	5.64E-03	377342.37	3764027.27	3.76E-01	377342.37	3764027.27	2.75E-04
377388.19	3762578.39	-8.31E-05	377388.19	3762578.39	2.42E-01	377388.19	3762578.39	2.41E-04
377563.47	3760340.44	-1.95E-03	377563.47	3760340.44	-8.71E-02	377563.47	3760340.44	-3.64E-05
377753.42	3759272.76	-8.67E-04	377753.42	3759272.76	-5.42E-02	377753.42	3759272.76	-2.33E-05
377839.66	3764649.02	-4.89E-04	377839.66	3764649.02	-3.05E-02	377839.66	3764649.02	-1.11E-05
377841.65	3762246.94	-1.03E-03	377841.65	3762246.94	-5.71E-02	377841.65	3762246.94	3.23E-05
377908.39	3762502.03	-1.41E-03	377908.39	3762502.03	-1.71E-02	377908.39	3762502.03	6.61E-05
377916.00	3755241.12	-1.24E-03	377916.00	3755241.12	-8.92E-02	377916.00	3755241.12	1.51E-05
377924.86	3763642.88	-1.74E-03	377924.86	3763642.88	-5.84E-02	377924.86	3763642.88	6.98E-05
377967.05	3762224.48	-9.30E-04	377967.05	3762224.48	9.11E-03	377967.05	3762224.48	7.96E-05
378003.52	3753139.05	-1.08E-03	378003.52	3753139.05	-2.73E-03	378003.52	3753139.05	-1.99E-05
378022.11	3755897.25	-7.44E-04	378022.11	3755897.25	-4.72E-02	378022.11	3755897.25	1.58E-05
378066.59	3761432.90	-1.91E-03	378066.59	3761432.90	-1.80E-01	378066.59	3761432.90	-2.06E-05
378209.66	3764122.39	-1.50E-03	378209.66	3764122.39	-5.88E-02	378209.66	3764122.39	6.33E-05
378212.33	3753511.52	-7.09E-04	378212.33	3753511.52	-4.09E-02	378212.33	3753511.52	-4.80E-06
378223.51	3760237.39	-4.68E-04	378223.51	3760237.39	1.04E-02	378223.51	3760237.39	4.94E-05
378326.90	3764105.95	-1.32E-03	378326.90	3764105.95	-1.31E-01	378326.90	3764105.95	-1.02E-05
378366.51	3755075.26	-6.87E-04	378366.51	3755075.26	-2.89E-02	378366.51	3755075.26	5.15E-06
378370.05	3759869.86	-4.93E-04	378370.05	3759869.86	-3.41E-02	378370.05	3759869.86	7.05E-06
378781.96	3760336.17	-5.63E-04	378781.96	3760336.17	-1.14E-02	378781.96	3760336.17	4.39E-05
378862.39	3757229.87	-5.02E-04	378862.39	3757229.87	-2.86E-02	378862.39	3757229.87	7.42E-06
366900.00	3759500.00	-3.61E-04	366900.00	3759500.00	-2.70E-02	366900.00	3759500.00	-7.74E-06
367900.00	3759500.00	-1.06E-03	367900.00	3759500.00	-6.59E-02	367900.00	3759500.00	9.53E-05
366900.00	3760500.00	-5.55E-04	366900.00	3760500.00	-2.77E-02	366900.00	3760500.00	2.46E-05
366900.00	3761500.00	-5.60E-04	366900.00	3761500.00	-2.53E-02	366900.00	3761500.00	2.31E-05
367900.00	3753500.00	-5.59E-04	367900.00	3753500.00	-2.40E-02	367900.00	3753500.00	1.87E-05
367900.00	3754500.00	-5.41E-04	367900.00	3754500.00	-2.29E-02	367900.00	3754500.00	1.40E-05
367900.00	3760500.00	-3.97E-03	367900.00	3760500.00	-1.57E-01	367900.00	3760500.00	1.12E-04
367900.00	3763500.00	-9.63E-02	367900.00	3763500.00	-2.70E+00	367900.00	3763500.00	2.24E-03
368900.00	3753500.00	-5.96E-04	368900.00	3753500.00	-2.98E-02	368900.00	3753500.00	9.92E-06
368900.00	3758500.00	-5.82E-04	368900.00	3758500.00	-2.89E-02	368900.00	3758500.00	9.17E-06
368900.00	3760500.00	-6.84E-04	368900.00	3760500.00	-3.41E-02	368900.00	3760500.00	1.23E-05

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations	UTM X	UTM Y	2035 Operations
369079.58	3758184.29	-1.49E-03	369079.58	3758184.29	-5.57E-02	369079.58	3758184.29	4.46E-05
369900.00	3753500.00	-5.53E-04	369900.00	3753500.00	-3.08E-02	369900.00	3753500.00	9.13E-07
369900.00	3760500.00	-1.71E-03	369900.00	3760500.00	-6.23E-02	369900.00	3760500.00	5.03E-05
369900.00	3763500.00	-8.66E-04	369900.00	3763500.00	-4.12E-02	369900.00	3763500.00	1.65E-05
370313.67	3758254.27	-1.70E-03	370313.67	3758254.27	-6.18E-02	370313.67	3758254.27	5.22E-05
370834.03	3758177.01	-7.87E-04	370834.03	3758177.01	-4.12E-02	370834.03	3758177.01	1.14E-05
370900.00	3753500.00	-1.66E-03	370900.00	3753500.00	-6.34E-02	370900.00	3753500.00	4.83E-05
370900.00	3754500.00	-7.17E-04	370900.00	3754500.00	-3.70E-02	370900.00	3754500.00	8.93E-06
370900.00	3755500.00	-1.83E-03	370900.00	3755500.00	-6.60E-02	370900.00	3755500.00	5.73E-05
370900.00	3758500.00	-7.10E-04	370900.00	3758500.00	-3.66E-02	370900.00	3758500.00	8.37E-06
370900.00	3761500.00	-1.76E-03	370900.00	3761500.00	-6.53E-02	370900.00	3761500.00	5.29E-05
370933.96	3757895.90	-1.86E-03	370933.96	3757895.90	-7.44E-02	370933.96	3757895.90	5.21E-05
371041.00	3757083.00	-1.10E-03	371041.00	3757083.00	-5.44E-02	371041.00	3757083.00	1.56E-05
371041.00	3757183.00	-2.12E-03	371041.00	3757183.00	-9.21E-02	371041.00	3757183.00	5.94E-05
371041.00	3757283.00	-1.04E-03	371041.00	3757283.00	-4.95E-02	371041.00	3757283.00	1.61E-05
371141.00	3757083.00	-2.37E-03	371141.00	3757083.00	-9.08E-02	371141.00	3757083.00	7.85E-05
371141.00	3757183.00	-1.05E-03	371141.00	3757183.00	-4.88E-02	371141.00	3757183.00	1.70E-05
371141.00	3757283.00	-1.56E-03	371141.00	3757283.00	-5.94E-02	371141.00	3757283.00	4.61E-05
371150.00	3757970.99	-1.04E-03	371150.00	3757970.99	-7.44E-02	371150.00	3757970.99	-1.22E-05
371241.00	3757083.00	-1.06E-03	371241.00	3757083.00	-4.93E-02	371241.00	3757083.00	1.66E-05
371241.00	3757183.00	-2.04E-03	371241.00	3757183.00	-7.62E-02	371241.00	3757183.00	5.99E-05
371341.00	3757083.00	-1.10E-03	371341.00	3757083.00	-5.89E-02	371341.00	3757083.00	1.38E-05
371341.00	3757183.00	-1.07E-03	371341.00	3757183.00	-5.42E-02	371341.00	3757183.00	1.42E-05
371441.00	3757083.00	-2.20E-03	371441.00	3757083.00	-8.14E-02	371441.00	3757083.00	6.56E-05
371441.00	3757183.00	-1.05E-03	371441.00	3757183.00	-5.56E-02	371441.00	3757183.00	7.55E-06
371539.56	3757095.63	-2.38E-03	371539.56	3757095.63	-8.83E-02	371539.56	3757095.63	7.27E-05
371540.36	3757178.31	-1.36E-03	371540.36	3757178.31	-6.11E-02	371540.36	3757178.31	2.03E-05
371614.33	3757093.32	-7.90E-04	371614.33	3757093.32	-4.57E-02	371614.33	3757093.32	-1.11E-06
371615.15	3757177.59	-1.78E-03	371615.15	3757177.59	-7.32E-02	371615.15	3757177.59	4.82E-05
371641.00	3757083.00	-1.79E-03	371641.00	3757083.00	-7.04E-02	371641.00	3757083.00	4.79E-05
371641.00	3757183.00	-1.61E-03	371641.00	3757183.00	-6.85E-02	371641.00	3757183.00	2.29E-05
371741.00	3757083.00	-2.86E-03	371741.00	3757083.00	-1.12E-01	371741.00	3757083.00	8.89E-05
371741.00	3757183.00	-3.15E-03	371741.00	3757183.00	-1.24E-01	371741.00	3757183.00	6.63E-05
371741.00	3757283.00	-1.93E-03	371741.00	3757283.00	-8.20E-02	371741.00	3757283.00	2.95E-05
371841.00	3757083.00	-2.23E-03	371841.00	3757083.00	-9.18E-02	371841.00	3757083.00	6.46E-05
371841.00	3757183.00	-2.11E-03	371841.00	3757183.00	-8.91E-02	371841.00	3757183.00	3.37E-05
371841.00	3757283.00	-2.12E-03	371841.00	3757283.00	-1.15E-01	371841.00	3757283.00	-1.10E-05
371900.00	3753500.00	-2.45E-03	371900.00	3753500.00	-1.27E-01	371900.00	3753500.00	-1.45E-05
371900.00	3754500.00	-9.08E-04	371900.00	3754500.00	-4.92E-02	371900.00	3754500.00	2.63E-06
371900.00	3760500.00	-9.12E-04	371900.00	3760500.00	-4.93E-02	371900.00	3760500.00	3.11E-06
371900.00	3761500.00	-5.15E-03	371900.00	3761500.00	-2.88E-01	371900.00	3761500.00	5.20E-05
371900.00	3764500.00	-9.89E-03	371900.00	3764500.00	-4.24E-01	371900.00	3764500.00	2.08E-04
371941.00	3757083.00	-1.31E-03	371941.00	3757083.00	-6.58E-02	371941.00	3757083.00	7.89E-06
371941.00	3757183.00	-3.53E-03	371941.00	3757183.00	-1.49E-01	371941.00	3757183.00	4.12E-05
371941.00	3757283.00	-6.50E-03	371941.00	3757283.00	-3.03E-01	371941.00	3757283.00	6.86E-05
371941.00	3757383.00	-3.60E-03	371941.00	3757383.00	-1.54E-01	371941.00	3757383.00	-9.01E-05
372041.00	3757083.00	-1.54E-03	372041.00	3757083.00	-7.40E-02	372041.00	3757083.00	-1.15E-05
372041.00	3757183.00	-3.00E-03	372041.00	3757183.00	-1.67E-01	372041.00	3757183.00	-8.52E-05
372041.00	3757283.00	-3.19E-03	372041.00	3757283.00	-1.52E-01	372041.00	3757283.00	4.07E-05
372041.00	3757383.00	-2.00E-03	372041.00	3757383.00	1.37E-02	372041.00	3757383.00	1.04E-04
372041.00	3757783.00	-3.26E-03	372041.00	3757783.00	-1.93E-01	372041.00	3757783.00	1.08E-04
372041.00	3757883.00	-2.63E-03	372041.00	3757883.00	-1.38E-01	372041.00	3757883.00	1.32E-04
372041.00	3757983.00	-1.42E-03	372041.00	3757983.00	-8.10E-02	372041.00	3757983.00	5.74E-05
372141.00	3757083.00	-1.47E-03	372141.00	3757083.00	2.10E-02	372141.00	3757083.00	1.00E-04
372141.00	3757183.00	-2.32E-03	372141.00	3757183.00	-7.22E-02	372141.00	3757183.00	2.65E-05
372141.00	3757283.00	-2.24E-03	372141.00	3757283.00	-3.40E-02	372141.00	3757283.00	1.08E-04
372141.00	3757783.00	-2.70E-03	372141.00	3757783.00	-1.15E-01	372141.00	3757783.00	-6.42E-05
372141.00	3757883.00	-2.68E-03	372141.00	3757883.00	-1.13E-01	372141.00	3757883.00	-6.22E-05
372141.00	3757983.00	-7.16E-04	372141.00	3757983.00	-4.84E-02	372141.00	3757983.00	-2.82E-05
372241.00	3757083.00	-5.79E-04	372241.00	3757083.00	-3.32E-02	372241.00	3757083.00	-1.17E-05
372241.00	3757183.00	-1.10E-03	372241.00	3757183.00	-4.58E-02	372241.00	3757183.00	-3.46E-07
372241.00	3757283.00	-1.48E-03	372241.00	3757283.00	-1.94E-02	372241.00	3757283.00	7.75E-05
372241.00	3757483.00	-5.50E-04	372241.00	3757483.00	-3.09E-02	372241.00	3757483.00	-8.43E-06

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Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust				Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust				Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust			
UTM X	UTM Y		2035 Operations	UTM X	UTM Y		2035 Operations	UTM X	UTM Y		2035 Operations
372241.00	3757583.00		-6.48E-04	372241.00	3757583.00		-3.85E-02	372241.00	3757583.00		-1.24E-05
372241.00	3757683.00		-8.02E-04	372241.00	3757683.00		-4.06E-02	372241.00	3757683.00		-3.01E-06
372241.00	3757783.00		-1.30E-03	372241.00	3757783.00		-7.24E-02	372241.00	3757783.00		6.66E-05
372341.00	3757083.00		-1.93E-03	372341.00	3757083.00		-1.62E-01	372341.00	3757083.00		-2.87E-05
372341.00	3757183.00		-7.44E-04	372341.00	3757183.00		-3.46E-02	372341.00	3757183.00		8.02E-06
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373241.00	3757883.00		-1.07E-03	373241.00	3757883.00		-2.85E-02	373241.00	3757883.00		3.47E-05

Refined PM10 HHRA Input Concentrations (ug/m3), Automobile Exhaust			Refined PM10 HHRA Input Concentrations (ug/m3), Fugitive Road Dust			Refined PM10 HHRA Input Concentrations (ug/m3), Truck Exhaust		
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373441.00	3757183.00	-5.09E-02	373441.00	3757183.00	-1.19E+00	373441.00	3757183.00	2.79E-03
373441.00	3757283.00	-5.02E-02	373441.00	3757283.00	-1.18E+00	373441.00	3757283.00	2.84E-03
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374900.00	3753500.00	-3.19E-02	374900.00	3753500.00	-6.81E-01	374900.00	3753500.00	1.06E-03
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375900.00	3754500.00	-3.94E-02	375900.00	3754500.00	-9.55E-01	375900.00	3754500.00	7.39E-04
375900.00	3757500.00	-4.22E-02	375900.00	3757500.00	-9.15E-01	375900.00	3757500.00	6.71E-04
375900.00	3758500.00	-1.33E-02	375900.00	3758500.00	-3.16E-01	375900.00	3758500.00	-1.60E-04
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376900.00	3753500.00	-5.49E-03	376900.00	3753500.00	-1.59E-01	376900.00	3753500.00	-5.26E-04
376900.00	3754500.00	-1.82E-04	376900.00	3754500.00	2.40E-01	376900.00	3754500.00	2.22E-04
376900.00	3757500.00	2.12E-03	376900.00	3757500.00	3.57E-01	376900.00	3757500.00	2.07E-04
376900.00	3763500.00	7.26E-03	376900.00	3763500.00	7.33E-01	376900.00	3763500.00	2.48E-04
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383900.00	3758500.00	-1.47E-03	383900.00	3758500.00	1.25E-01	383900.00	3758500.00	2.20E-04
383900.00	3759500.00	-1.14E-03	383900.00	3759500.00	1.47E-01	383900.00	3759500.00	2.10E-04
383900.00	3760500.00	-1.22E-03	383900.00	3760500.00	-5.46E-02	383900.00	3760500.00	2.61E-05
383900.00	3761500.00	-1.80E-03	383900.00	3761500.00	-8.47E-02	383900.00	3761500.00	4.99E-05

**F.2**

# Human Health Risk Assessment





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- Attachment 1 Cancer Risk and Chronic Non-Cancer Health Hazard Calculations by 2015 OEHHA Methodology
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- Attachment 3 Cancer Risk and Chronic Non-Cancer Health Hazard Calculations by RAGS Part F Methodology

# Section 1

## Introduction

The human health risk assessment (HHRA) presented in this memorandum estimates cancer risks, chronic non-cancer health hazards, and acute non-cancer health hazards associated with exposure to toxic air contaminants (TAC) that would be emitted during construction and operation of the LAX Landside Access Modernization Program (proposed Project).

### 1.1 Purpose

The objective of the proposed Project HHRA is to assess incremental changes to health impacts for people exposed to TACs resulting from construction and operation associated with the proposed Project. The results of the HHRA identify whether the proposed Project would increase health risks for people living, working, recreating, or attending school near LAX.

The proposed Project would optimize existing operations by relieving traffic congestion within the Central Terminal Area (CTA) and on the surrounding street network, improving access options and the travel experience for passengers, and providing connection to the Metro rail system. The proposed Project would not increase passenger or gate capacity to LAX and would not increase flights and/or operations at LAX. The LAX Landside Access Modernization Program consists of the following primary components:

- Automated people mover (APM) system with six APM stations connecting the CTA to new ground transportation facilities proposed between Sepulveda Boulevard and Interstate 405;
- Passenger walkway systems connecting the APM stations to passenger terminals or ground transportation facilities;
- Modifications to existing passenger terminals and parking garages within the CTA for passenger walkway system connections and vertical circulation to the arrival, departure, and concourse levels;
- Intermodal transportation facilities (ITF) that would provide pick-up and drop-off areas outside the CTA for airport passengers and commercial shuttles, meet and greet areas, passenger processing facilities, retail, dining options and other amenities, parking, and access to the APM system;
- Consolidated Rental Car Facility (CONRAC) designed to consolidate car rental agencies in a centralized location with access to the CTA via the APM;
- Roadway improvements designed to improve access to the CTA from the I-105 and I-405 freeways and provide access to the proposed ITFs and CONRAC; and
- Utilities needed to support the LAX Landside Access Modernization Program.

Construction of the proposed Project is projected to take approximately 14 years with the majority of the construction being completed in the first 5 years. Construction of the proposed Project would

result in temporary emissions of various air pollutants from on-site and off-site construction equipment, fugitive dust, fugitive volatile organic compounds (VOCs), and worker vehicle trips.

Emissions evaluated in the HHRA include both construction and operational sources. Therefore, human health risks associated with both construction and operational activities associated with the proposed Project are evaluated in this HHRA. These emissions form the basis for estimating impacts from TAC. Emissions were calculated for the 2015 baseline conditions and for 2024 conditions with and without the LAX Landside Access Modernization Program. Additionally, simplified emission inventories for 2035 conditions were calculated using the California Emissions Estimator Model (CalEEMod) program for emissions from future potential development. Incremental emissions were developed for the With Project in 2024 relative to 2015 baseline conditions and to 2024 Without Project conditions and for the With Project in 2035 relative to 2015 baseline conditions and to 2035 Without Project conditions.

Possible human health risks associated with the proposed Project were estimated using modeled TAC concentrations in air and standard methods developed by California Environmental Protection Agency (CalEPA) and U.S. Environmental Protection Agency (USEPA). Health impacts were evaluated for cancer risks and chronic and acute non-cancer health hazards. An impact was considered significant if cancer risks or non-cancer health hazards exceeded regulatory thresholds.

## 1.2 General Approach

This HHRA focuses on analysis of incremental human health risks and hazards associated with airborne releases of TAC during construction and operation of the proposed Project. Cancer risks as well as chronic and acute non-cancer health hazard assessments all depend on estimating TAC concentrations in air in two steps: (1) estimation of emissions of TAC associated with construction and operation and subsequent modeling of dispersion of those TAC to downwind receptor locations; and (2) estimation of health risks associated with inhalation of TAC. Estimated emission rates were used, along with meteorological and geographic information, as inputs to an air dispersion model. The dispersion model predicted possible concentrations of TAC released during airport construction within the study area around the airport. Modeled concentrations were used to estimate human health risks and hazards, which serve as the basis of the significance determinations for the proposed Project.

Potential impacts to human health were estimated using modeled TAC concentrations in air and methods developed by the CalEPA and the USEPA, as described below. Results of the analysis were then interpreted by comparing incremental cancer risks and chronic non-cancer health hazards to regulatory thresholds. For purposes of assessing the significance of any health impacts, these comparisons were made for maximally exposed individuals (MEI) at locations where TAC concentrations are predicted to be highest by air dispersion modeling. An impact was considered significant<sup>1</sup> if cancer risks and/or chronic non-cancer health hazards for MEI exceeded regulatory thresholds. In addition, the range of possible risks and hazards was addressed by evaluating risks for all modeled locations within the defined study area.

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<sup>1</sup> The term "significant" is used as defined under CEQA regulations and does not imply an independent judgment of the acceptability of risks or hazards.

Human health risks were evaluated using the *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*<sup>2</sup> methodology. Human health risks were also evaluated using the Risk Assessment Guidance for Superfund (RAGS) Part F; these results are presented in the uncertainty analysis to allow for comparability of the LAX Landside Access Modernization Program to previously conducted analyses at LAX. Significance determinations were made from results of the analysis using CalEPA methodology.

Methods for conducting this HHRA are presented in Section 2; TAC emission calculation approach and results and a discussion of the dispersion analysis are presented in Section 3; associated health risks are presented in Section 4; and uncertainties are discussed in Section 5.

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<sup>2</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

## Section 2

# Methodology

This HHRA is based on estimates for construction and operational TAC emissions associated with the proposed Project. Baseline construction emissions are assumed to be zero, and incremental health impacts are, therefore, simply impacts associated with emissions during the construction period.

Emissions sources during construction were analyzed for each construction year from 2017 through 2030. For the operational scenario, emissions sources were analyzed for 2024 and 2035 with and without the proposed Project, as well as for 2015 baseline conditions in order to determine the incremental impact. Changes in operations of the airport due to the proposed Project are not expected to be realized until 2024. Between 2017 and 2024, operations are not anticipated to vary from a without project scenario, and incremental impacts from operations during this period are therefore assumed to be zero.

The HHRA was developed consistent with State of California statutes and regulations<sup>3</sup>, and was conducted in four steps as defined in South Coast Air Quality Management District (SCAQMD), CalEPA, and USEPA guidance<sup>4,5,6,7</sup> consisting of:

- Identification of chemicals (TAC) 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 (TAC) (Exposure Assessment)
- Evaluation of the toxicity of chemicals (TAC) that may present public health risks (Toxicity Assessment)
- Characterization of the magnitude of health risks for the exposed community, and of locations in the community where the greatest risks or hazards may be realized (Risk Characterization)

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<sup>3</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Information and Assessment Act of 1987*, Section 44300; California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

<sup>4</sup> South Coast Air Quality Management District, *Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics Hot Spots Information and Assessment Act* (AB 2588), July 2005.

<sup>5</sup> 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.

<sup>6</sup> U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, *Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A), Interim Final*, EPA/540/1-89/002, December 1989.

<sup>7</sup> FAA does not conduct HHRA results analyses in the NEPA context; federal EPA guidance is used only to assist with risk assessment in cases where State guidance is silent or outdated.

HHRA analyses for the proposed Project address the following issues and provide additional information on the potential for human health impacts:

- Quantitative assessment of cancer risks and chronic non-cancer health hazards due to release of TAC associated with construction and operational activities for the proposed Project.
- Quantitative evaluation of possible acute non-cancer health hazards due to release of TAC during construction associated with the proposed Project.
- Quantitative evaluation of possible acute non-cancer health hazards due to release of TAC during operations associated with the proposed Project.

Protective<sup>8</sup> methods that are likely to overestimate rather than underestimate possible health risks were used to estimate cancer risks and chronic non-cancer health hazards. For example, incremental risks and hazards associated with the proposed Project were calculated for individuals assumed to live, work, recreate, or attend school at locations where TAC concentrations are predicted to be highest, even if people are not currently present at these locations. For example, school-aged children are evaluated for all locations within residential areas, even though no schools exist or are anticipated at most of these locations.

Further, these individuals were assumed to be exposed to TAC for almost all days of the year and for many years to maximize estimates of possible exposure. No attempt is made to account for such issues as residents that work outside of the study area or move in or out of the study area, workers that change jobs and locations or have jobs that require movement within and/or outside the study area.

“Maximally exposed individuals” or MEI are hypothetical individuals used to help ensure that the HHRA is protective. Risk estimates for MEI are upper-bound predictions that could in theory be experienced by people working or living near LAX who breathe TAC released during construction and operations associated with the proposed Project. If hypothetical individuals that receive the highest exposures are protected, actual members of the population near LAX will also be protected.

MEI are hypothetical and probably do not actually exist. The coincidence of individuals that meet protective exposure assumptions, and location of maximum incremental impacts is unlikely. A more realistic, but still protective, illustration is therefore provided in the form of estimates of health impacts for a study area surrounding LAX. These estimates illustrate how impacts decrease from MEI as distance from emissions sources increase, and therefore show the spatial extent of areas where impacts are highest, as well as the spatial extent of areas, if any, where impacts exceed regulatory thresholds.

The HHRA for the proposed Project also evaluates the potential for short-term (1-hour) exposures to cause immediate, or acute, non-cancer health impacts. These estimates are also intentionally conservative; they use, for example, the highest 1-hour concentrations for assessing acute impacts regardless of whether individuals might have access to locations where maximum concentrations occur. This approach helps ensure that actual exposure concentrations in off-airport areas are not underestimated.

<sup>8</sup> The terms “protective” and “conservative” are often used interchangeably to indicate that risk assessment methods were designed to err on the side of over-estimating risk. “Protective” is used in this HHRA to avoid confusion over what “conservative” means in different situations. For example, a “conservative” estimate of the time that someone might live in a given residence could imply to some readers that a minimum time was identified.

## 2.1 Selection of TACs of Concern

In general, TAC of concern used in the HHRA are based on TAC identified under California Assembly Bill AB 2588 and for which the CalEPA, Office of Environmental Health Hazard Assessment (OEHHA) has developed cancer slope factors, chronic reference levels, and/or acute reference levels.

The list of TAC of concern used in this HHRA was developed using regulatory lists, emissions estimates, human toxicity information, results of the LAX Master Plan HHRA, and a review of health risk assessments for construction activities included in the Long Beach Airport Terminal Area Improvement Project EIR,<sup>9</sup> LAX South Airfield Improvement Project (SAIP) Final EIR,<sup>10</sup> LAX Crossfield Taxiway Project (CFTP) Final EIR,<sup>11</sup> LAX Bradley West Project Final EIR,<sup>12</sup> LAX Central Utility Plant Replacement Project (CUP-RP) Final EIR,<sup>13</sup> LAX Specific Plan Amendment Study (SPAS) Final EIR,<sup>14</sup> LAX Master Plan Final EIR,<sup>15</sup> Oakland International Airport - Airport Development Program (ADP) Final Supplemental EIR,<sup>16</sup> and the Civilian Reuse of MCAS El Toro Final EIR, Draft Supplemental Analysis.<sup>17</sup> This list of TAC was further refined to include only TAC with chronic Reference Exposure Levels (RELs), acute RELs, and cancer potency values identified by the CalEPA OEHHA. The resulting list of TAC of concern evaluated in this HHRA is provided in **Table 2-1**.

**Table 2-1 Toxic Air Contaminants of Concern for the Proposed Project**

Toxic Air Contaminant	Type
Acetaldehyde	VOC
Acrolein	VOC
Benzene	VOC
1,3-Butadiene	VOC
cyclohexane	VOC
Ethylbenzene	VOC
Ethylene	VOC
Formaldehyde	VOC
n-Hexane	VOC

<sup>9</sup> City of Long Beach, *Long Beach Airport Terminal Area Improvement Project Draft EIR, Section 3.2 Air Quality and Human Health Risk Assessment, and Appendix C Air Quality Impact Analysis and Human Health Risk Assessment Technical Report*, revised November 3, 2005.

<sup>10</sup> City of Los Angeles, *Los Angeles World Airports, Final Environmental Impact Report for Los Angeles International Airport (LAX) South Airfield Improvement Project*, (SCH 2004081039), October 2005.

<sup>11</sup> City of Los Angeles, *Los Angeles World Airports, Final Environmental Impact Report for Los Angeles International Airport (LAX) Crossfield Taxiway Project*, (SCH 2008041058), January 2009.

<sup>12</sup> City of Los Angeles, *Los Angeles World Airports, Final Environmental Impact Report for Los Angeles International Airport (LAX) Bradley West Project*, (SCH 2008121080), September 2009.

<sup>13</sup> City of Los Angeles, *Los Angeles World Airports, Final Environmental Impact Report for Los Angeles International Airport (LAX) Central Utility Plant Replacement Project*, (SCH 2009041043), October 2009.

<sup>14</sup> City of Los Angeles, *Los Angeles World Airports, Final Environmental Impact Report for Los Angeles International Airport (LAX) Specific Plan Amendment Study*, (SCH 1997061047), January 2013.

<sup>15</sup> City of Los Angeles, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements*, (SCH 1997061047), April 2004.

<sup>16</sup> Port of Oakland, *Draft Oakland International Airport - Airport Development Program (ADP) Supplemental Environmental Impact Report*, September 2003.

<sup>17</sup> County of Orange, *Draft Environmental Impact Report No. 573 for the Civilian Reuse of MCAS El Toro and the Airport System Master Plan for the John Wayne Airport and Proposed Orange County International Airport, Draft Supplemental Analysis, Section 5.0 Cumulative Impacts*, April 2001.

Isoprene	VOC
Isopropylbenzene	VOC
Methyl alcohol	VOC
Methyl ethyl ketone	VOC
Propionaldehyde	VOC
Propylene	VOC
Styrene	VOC
Toluene	VOC
1,2,4-Trimethylbenzene	VOC
2,2,4-Trimethylpentane	VOC
Xylene (total)	VOC
Naphthalene	PAH
Aluminum	PM-Metal
Antimony	PM-Metal
Arsenic	PM-Metal
Barium	PM-Metal
Cadmium	PM-Metal
Chromium VI	PM-Metal
Cobalt	PM-Metal
Copper	PM-Metal
Lead	PM-Metal
Manganese	PM-Metal
Mercury	PM-Metal
Nickel	PM-Metal
Selenium	PM-Metal
Silver	PM-Metal
thallium	PM-Metal
Vanadium	PM-Metal
Zinc	PM-Metal
Diesel PM	Diesel Exhaust
Ammonium Ion	PM-Inorganics
Bromine	PM-Inorganics
Chlorine	PM-Inorganics
Non-phosphate phosphorous	PM-Inorganics
Phosphorus	PM-Inorganics
Silicon	PM-Inorganics
Sulfates	PM-Inorganics

## Notes:

PAH = Polycyclic aromatic hydrocarbons

PM = Particulate matter

VOC = Volatile organic compounds

Source: CDM Smith 2016

## 2.2 Exposure Assessment

### 2.2.1 Exposure Populations

For analysis of the proposed Project, the HHRA selected the following receptors for quantitative evaluation: on-airport workers, off-airport workers, 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 people who may be affected by LAX emissions to the greatest extent. Receptors for which exposure scenarios are prepared were selected to provide protective risks and hazards estimates for MEI and to demonstrate the range of risks and hazards in the vicinity of the airport. As previously noted, by providing estimates for the most exposed individuals for determination of significance, the general population is protected.

### 2.2.2 Exposure Pathways

Different receptors (e.g., off-site workers, school children) could be exposed to TAC in several ways, deemed exposure pathways. An exposure scenario is developed for each receptor that considers various pathways by which they might be exposed to TAC.

An 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. Incomplete pathways were not evaluated in this HHRA.

In addition, some exposure pathways may be complete, but may result in little or negligible exposure. Thus, numerous possibly complete exposure pathways exist for receptors at or near LAX, but most are anticipated to make minimal to negligible contribution to total risks and hazards. For this HHRA, the inhalation pathway is the most important complete exposure pathway, contributing the majority of risk associated with the proposed Project, and was therefore quantitatively evaluated for all receptors.

Other exposure pathways -- including deposition of TAC onto soils and subsequent exposure via incidental ingestion of this soil, uptake from soil into homegrown vegetables, and other indirect pathways -- were addressed quantitatively in the programmatic HHRA developed for the LAX Master Plan EIR<sup>18</sup> (see LAX Master Plan Final EIR Technical Report 14a and Technical Report S-9a). No pathway other than inhalation was found to be an important contributor to exposure and thus to risk/hazard. Based on this previous analysis, pathways other than inhalation were not assessed in this HHRA.

### 2.2.3 Exposure Concentrations

Analyses of cancer risk and non-cancer health hazards, both chronic and acute, were included in the exposure assessment for the receptors identified in Section 2.2.1. Chronic and acute exposure to TAC from Project-specific construction and airport-related operations were estimated by:

- Estimation of construction source emissions for annual (for chronic exposure) and for peak daily (for acute exposure).

<sup>18</sup> City of Los Angeles, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements*, (SCH 1997061047), April 2004.

- Dispersion modeling of construction emissions over an area that consists of the airport property and urban areas to the north, east, and south.

Modeled concentrations of TAC at locations where highest concentrations are anticipated were used to estimate incremental human health risks and hazards. These estimates serve as the basis for significance determinations for the proposed Project. To estimate cancer risks and the potential for adverse non-cancer health hazards, TAC exposure via inhalation for each receptor were estimated.

In February 2015, CalEPA OEHHA released the Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments. The guidance recommends the use of a software program, Hot Spots Analysis and Reporting Program Version 2 (HARP2) developed by the Air Resources Board, for calculating and presenting HRA results for the Hot Spots Program. For this HHRA, the HARP2 equations and calculations were built into an Excel spreadsheet to allow for customization of the calculations to address Project-specific criteria and for the ease of conducting multiple iterations of calculations.

The HARP2 equations recommend that the concentration of the chemical in air be used as the exposure metric resulting in the following formula for an exposure concentration:<sup>19</sup>

$$EC = CA \times (BR/BW) \times A \times EF \times 10^{-6}$$

Where: EC = exposure concentration (mg/kg/d)

CA = chemical concentration in air ( $\mu\text{g}/\text{m}^3$ )

(BR/BW) = daily breathing rate normalized to body weight (L/kg body weight – day)

A = inhalation absorption factor (unitless)

EF = exposure frequency (unitless), days/365 days

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

Risks are then estimated using cancer potency factor using the following equation:<sup>20</sup>

$$\text{RISK} = EC \times \text{CPF} \times \text{ASF} \times \text{ED}/\text{AT} \times \text{FAH}$$

Where: RISK = inhalation cancer risk

EC = exposure concentration (mg/kg/d)

CPF = inhalation cancer potency factor (mg/kg-day<sup>-1</sup>)

ASF = age sensitivity factor for a specified age group (unitless)

ED = exposure duration (in years) for a specified age group

<sup>19</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

<sup>20</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

AT = averaging time for lifetime cancer risk (years)

FAH = fraction of time spent at home/school/work (unitless)

Note that the calculations used by CalEPA for estimating cancer risks currently differ from calculations developed by USEPA for evaluating inhalation exposure. USEPA calculations were used in previous HRA efforts for the LAX Master Plan. For purposes of comparability, USEPA calculations are also included in this report as described later in this section.

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.

Chronic hazard quotient (HQ) is calculated using the following equation:<sup>21</sup>

Chronic Hazard Quotient = Annual Average Concentration / Chronic REL

Where: Annual Average Concentration = ( $\mu\text{g}/\text{m}^3$ )

Chronic REL = reference exposure level ( $\mu\text{g}/\text{m}^3$ )

Assessment of potential chronic human health impacts due to release of TAC associated with operation of the proposed Project assumes that receptors are exposed to concentrations of TACs over a 9-, 30-, or 70-year period for off-site residential receptors; a 12-year period for off-site school children and a 25-year period for off-site workers. TAC concentrations for operations were modeled for two horizon years – 2024 and 2035. Risks for operations for the 2024 horizon year were assumed to change linearly to 2035 TAC concentrations and then remain constant throughout the rest of the exposure period.

For the construction analysis, the focus of construction activities is assumed to move as different portions of the proposed Project are constructed throughout the 14-year construction period. To incorporate this variability into the model, construction emissions were modeled separately for each year of construction. Risks for receptors were calculated by grid point for each year of construction and then added together to determine total risk by grid point. For the portion of the receptors' exposure periods that was longer than the construction period, construction emissions were assumed to be zero; however, cancer risks for the years following construction were calculated using the TAC concentrations from emissions from operations. TAC concentrations from emissions from operations were added to the TAC concentrations from emissions from construction for all years after the 2024 horizon year when operations were assumed to commence. For receptors whose exposure periods extended beyond 11 years past the 2024 horizon year, the 2035 horizon year TAC concentrations were used for the remainder of their exposure period.

The locations of grid points were selected to be representative of where construction impacts were likely to be greatest. Such risk estimates overestimate risks for most people living, working or attending school near LAX. This conservatism (protection) is built into the risk assessment developed for the proposed Project to help counter any future changes in Project construction that cannot now be anticipated quantitatively.

<sup>21</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

Exposure parameters used to calculate the risks and hazards for all receptors for the inhalation pathway are summarized in **Table 2-2**. Exposure parameters are based on USEPA Exposure Factors Handbook<sup>22</sup> and CalEPA Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments,<sup>23</sup> as well as other pertinent guidance. Since it has been a number of years since the health risk analyses were conducted for the LAX Master Plan Final EIR,<sup>24</sup> the SAIP EIR,<sup>25</sup> the CFTP EIR,<sup>26</sup> the Bradley West Project EIR,<sup>27</sup> and the SPAS EIR,<sup>28</sup> a number of these parameters have been updated to be consistent with recent guidance compared to the exposure parameters used in past analyses. The potential impact of these updates is examined in the uncertainty analysis.

In addition to the exposure parameters presented in **Table 2-2**, some of the exposure parameters vary according to age groups to address the methodology detailed in the CalEPA Air Toxics Hot Spots Program Guidance.<sup>29</sup> These exposure parameters are presented in **Table 2-3**.

**Table 2-2 Exposure Parameters**

Exposure Pathway Parameters for Inhalation of Particulates and Gases	Off-Airport Receptors			
	Off-Site Adult Resident	Off-Site Child Resident	Off-Site School Child	Off-Site Worker
Exposure Frequency (Fraction of Year) (unitless)	0.96 (350 days/365 days) <sup>1</sup>	0.96 <sup>1</sup>	0.96 <sup>1</sup>	0.685 (250 days/365 days) <sup>1</sup>
Exposure Duration (years)	30, 70 <sup>1,2</sup>	9 <sup>1</sup>	12 <sup>3</sup>	25 <sup>1</sup>
Exposure Time (hrs/day)	24 <sup>4</sup>	24 <sup>4</sup>	8 <sup>1</sup>	8 <sup>1</sup>
Absorption Fraction	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>
Fraction of Time at Home	0.73 <sup>1</sup>	1 <sup>1,5</sup>	1 <sup>1,5</sup>	0.73 <sup>1</sup>
Averaging Time - Non-cancer (days)	10,950;25,550 <sup>1,4</sup>	3,285 <sup>4</sup>	4,380 <sup>4</sup>	9,125 <sup>4</sup>
Averaging Time - Cancer (days)	25,550 <sup>1,4</sup>	25,550 <sup>1,4</sup>	25,550 <sup>1,4</sup>	25,550 <sup>1,4</sup>

Notes:

<sup>1</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

<sup>2</sup> 30 year exposure duration was used as basis for determining significance.

<sup>3</sup> Professional judgment.

<sup>4</sup> 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.

<sup>5</sup> It was assumed that children attended school within the study area; thus the FAH = 1.

Source: CDM Smith 2016

<sup>22</sup> U.S. Environmental Protection Agency, *Exposure Factors Handbook*, EPA/600/R-090/052F, September 2011.

<sup>23</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

<sup>24</sup> City of Los Angeles, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements*, (SCH 1997061047), April 2004.

<sup>25</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) South Airfield Improvement Project*, (SCH 2004081039), October 2005.

<sup>26</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Crossfield Taxiway Project*, (SCH 2008041058), January 2009.

<sup>27</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Bradley West Project*, (SCH 2008121080), September 2009.

<sup>28</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Specific Plan Amendment Study*, (SCH 1997061047), January 2013.

<sup>29</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

**Table 2-3 Exposure Parameters by Age Group**

Exposure Pathway Parameters for Inhalation of Particulates and Gases	Age Group					
	3 <sup>rd</sup> Trimester	0<2 years	2<9 years	2<16 years	16<30 years	16<70 years
Residential Daily Breathing Rate (L/kg-d)	361	1,090	861	745	335	290
Worker 8-hr Daily Breathing Rate (L/kg-d)	NA	NA	NA	NA	240	230
School Child 8-hr Daily Breathing Rate (L/kg-d)	NA	NA	640	520	240	NA
Age-adjustment Sensitivity Factor (unitless)	10	10	3	3	1	1
Fraction of Averaging Time (unitless)	0.25/70= 0.0036	2/70= 0.0286	7/70= 0.1	14/70= 0.2	14/70= 0.2	54/70= 0.7714

Notes:

NA = not applicable

<sup>1</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

Source: CDM Smith 2016

The CalEPA Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments recommends a range of exposure parameters be evaluated. Additional analyses are presented in the uncertainties analysis to verify how sensitive risk estimates are to changes in exposure duration and exposure time might affect conclusions concerning impacts of the proposed Project.

## 2.3 Toxicity Assessment

Risks from exposure to TAC are calculated by combining estimates of potential exposure with chemical-specific toxicity criteria developed by CalEPA, USEPA, or both. The toxicity assessment initially examined quantitative toxicity criteria for TAC selected from regulatory lists.

A toxicity assessment for TAC of concern was conducted for the LAX Master Plan Final EIR, as described in Technical Report 14a of that EIR. Conclusions of that assessment have not changed materially; that is, no changes to toxicity criteria for TAC that contribute substantively to cancer risks and chronic and acute non-cancer hazards have occurred. Both the CalEPA OEHHA, and USEPA continually update toxicity values as new studies are completed, and all toxicity information provided in Technical Report 14a was reviewed and updated as appropriate by researching recent information available from USEPA, CalEPA OEHHA, World Health Organization (WHO), and Agency for Toxic Substance and Disease Registry (ATSDR).

Acute RELs developed by the State of California were used in the characterization of potential acute non-cancer health hazards associated with the proposed Project. Other sources of acute toxicity criteria (e.g., ATSDR) were also evaluated as a source of acute criteria as part of this re-assessment of toxicity information.

Cancer unit risk factors, cancer slope factors, and chronic RELs developed by the State of California were used to characterize cancer risks and chronic non-cancer health hazards associated with longer-term inhalation of emissions from construction and operational activities. Both types of toxicity criteria are based on studies of chronic exposure in animals or, in some cases, to people. Inhalation

unit risk (for USEPA RAGS Part F cancer risk calculations) and cancer slope factors are presented in **Table 2-4**. Chronic RELs and reference concentrations (RfCs) are presented in **Table 2-5**.

Acute RELs were used to characterize 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<sup>30</sup> are incorporated to address data gaps and uncertainties, exceeding an REL does not automatically indicate an adverse health impact. Acute RELs are applicable to all receptors, children and adults, and hazards are the ratio of estimated or measured concentrations and the REL. Acute RELs for the TAC of concern included in this analysis are provided in **Table 2-6**.

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<sup>30</sup> Margin of safety is a ratio of the no-observed-effect level to the estimated exposure dose. Margins of safety are incorporated in the development of toxicity values to account for differences in dose-response among individuals. For example, the same dose of alcohol may have a greater effect on a woman than a man, not only because a woman is smaller in body size but also because men and women metabolize alcohol at different rates.

**Table 2-4 Cancer Slope and Unit Risk Factors**

TAC of Concern	Inhalation Cancer Slope Factor [(mg/kg/day) <sup>-1</sup> ] <sup>1</sup>		Inhalation Unit Risk Factor [(µg/m <sup>3</sup> ) <sup>-1</sup> ] <sup>2</sup>	Tumor Site/Inhalation	Cancer Classification <sup>3</sup>
	EPA <sup>4</sup>	Cal/EPA <sup>5</sup>	Cal/EPA <sup>5</sup>		
<b>VOC</b>					
Acetaldehyde	0.0077	0.01	0.0000027	Nasal, Larynx	B2
Acrolein <sup>6</sup>	NA <sup>7</sup>	NA	NA	NA	C
Benzene	0.0273	0.1	0.000029	Blood	A
1,3-Butadiene	0.105	0.6	0.00017	Reproductive System, Blood, Lung, GI	A
Ethylbenzene	0.00875	0.0087	0.0000025	Kidney	D
Formaldehyde	0.0455	0.021	0.000006	Respiratory System	B1
<b>PAH</b>					
Naphthalene	0.119	0.12	0.000034	Respiratory System	C
<b>Diesel Exhaust</b>					
Diesel Particulates	1.05	1.1	0.0003	Lung	D
<b>PM-Metal</b>					
Arsenic	15.1	12	0.0033	Skin	A
Cadmium	6.3	15	0.0042	Lung, trachea, bronchus cancer deaths	B1
Chromium VI	42	510	0.15	Lung	A
Lead	NA	0.042	0.000012	NA	B2
Nickel	0.84	0.91	0.00026	NA	A

Notes:

<sup>1</sup> mg/kg/day - milligram per kilogram per day<sup>2</sup> µg/m<sup>3</sup> = microgram per cubic meter<sup>3</sup> 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

<sup>4</sup> Environmental Protection Agency, Integrated Risk Information System, Toxicity Criteria Online Database, Available: <https://cfpub.epa.gov/ncea/iris2/atoz.cfm>.<sup>5</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, Toxicity Criteria Online Database, Available: <http://oehha.ca.gov/chemicals>.<sup>6</sup> Although acrolein has been classified as a possible human carcinogen, its potential carcinogenicity cannot be determined because the existing "data are inadequate for an assessment of human carcinogenic potential for either the oral or inhalation route of exposure." USEPA. Guidelines for carcinogen risk assessment. Review draft. NCEA-F-0644, July 1999. Risk Assessment Forum.<sup>7</sup> NA = Not available

Source: CDM Smith, 2016

**Table 2-5 Toxicity Criteria for Systemic Toxicants**

TAC of Concern	USEPA Chronic Inhalation RfC <sup>1,2</sup> (µg/m <sup>3</sup> ) <sup>3</sup>	Cal/EPA Chronic Inhalation REL <sup>4</sup> (µg/m <sup>3</sup> )	Target Organ	Uncertainty Factor	
				USEPA	Cal/EPA
<b>VOC<sup>5</sup></b>					
Acetaldehyde	9	140	Respiratory System	1,000	300
Acrolein	0.02	0.35	Respiratory System	1,000	200
Benzene	30	3	Hematologic system	300	200
1,3-Butadiene	2	2	Reproductive System	1,000	300
Cumene	400 <sup>6</sup>	NA <sup>8</sup>	Endocrine, Urinary	1,000	NA
Cyclohexane	6,000	NA	Developmental	300	NA
Ethylbenzene	1,000	2,000	Alimentary system (liver); kidney; endocrine system; development	300	30
Ethylene <sup>9</sup>	NA	NA	NA	NA	NA
Formaldehyde	9.8 <sup>6</sup>	9	Respiratory System	NA	10
n-Hexane	700	7,000	Nervous System	300	30
Isoprene <sup>9</sup>	NA	NA	NA	NA	NA
Methyl alcohol	20,000	4,000	Developmental	100	30
Methyl ethyl ketone	5,000	NA	Developmental, Musculoskeletal	300	NA
Propionaldehyde	8	NA	Nervous, Respiratory	1,000	NA
Propylene	3,000 <sup>6</sup>	3,000	Respiratory System	NA	100
Styrene	1,000	900	Nervous System	30	3
Toluene	5,000	300	Nervous system; respiratory system; development	10	100
1,2,4- Trimethylbenzene	7 <sup>6</sup>	NA	NA	NA	NA
2,2,4- Trimethylpentane <sup>9</sup>	NA	NA	NA	NA	NA
Xylenes	100	700	Nervous & respiratory systems; eyes	300	30
<b>PAH</b>					
Naphthalene	3	9	Respiratory System	3,000	1,000
<b>Diesel Exhaust</b>					
Diesel Particulates	5	5	Respiratory System	30	30
<b>PM Metal</b>					
Aluminum	5 <sup>6</sup>	NA	NA	NA	NA
Antimony <sup>9</sup>	NA	NA	NA	NA	NA
Arsenic	0.015 <sup>6</sup>	0.015	Inhalation & oral: Development; cardiovascular system; nervous system; respiratory system; skin	NA	30
Barium	0.5 <sup>6</sup>	NA	NA	NA	NA
Cadmium	0.01 <sup>6</sup>	0.02	Inhalation: Kidney; respiratory system Oral: kidney	NA	30
Chromium (VI)	0.1	0.2	Inhalation: Respiratory system Oral: Hematologic system	300	100
Cobalt	0.006 <sup>6</sup>	NA	NA	NA	NA
Copper <sup>9</sup>	NA	NA	NA	NA	NA
Lead <sup>9</sup>	NA	NA	NA	NA	NA
Manganese	0.05	0.09	Nervous System	1,000	300
Mercury	0.3	0.03	Inhalation & Oral: Nervous system; development; kidney	30	300
Nickel	0.09 <sup>6,7</sup>	0.014	Inhalation: Respiratory system; hematologic system Oral: Development	NA	100
Selenium	20 <sup>6</sup>	20	Inhalation & oral: Alimentary system (liver); cardiovascular system; nervous system	NA	3
Thallium <sup>9</sup>	NA	NA	NA	NA	NA
Vanadium	0.1 <sup>6</sup>	NA	NA	NA	NA
Zinc <sup>9</sup>	NA	NA	NA	NA	NA
<b>PM Inorganics</b>					
Ammonium	100	200	Respiratory system	30	10
Bromine <sup>9</sup>	NA	NA	NA	NA	NA
Chlorine	0.15 <sup>6</sup>	0.2	Respiratory System	NA	30

TAC of Concern	USEPA Chronic Inhalation RfC <sup>1,2</sup> (µg/m <sup>3</sup> ) <sup>3</sup>	Cal/EPA Chronic Inhalation REL <sup>4</sup> (µg/m <sup>3</sup> )	Target Organ	Uncertainty Factor	
				USEPA	Cal/EPA
Non-phosphate phosphorous <sup>9</sup>	NA	NA	NA	NA	NA
Phosphorous <sup>9</sup>	NA	NA	NA	NA	NA
Silicon	3 <sup>6</sup>	3	Respiratory system	NA	3
Sulfates <sup>9</sup>	NA	NA	NA	NA	NA

## Notes:

<sup>1</sup> Values obtained from the USEPA Integrated Risk Information System (IRIS), 2016.

<sup>2</sup> RfC = Reference Concentration

<sup>3</sup> µg/m<sup>3</sup> = microgram per cubic meter

<sup>4</sup> REL = Reference Exposure Level (obtained from OEHHA Online Toxicity Criteria database, 2016. RELs are concentrations in air that would not result in toxic effects even if exposure continued for a lifetime.)

<sup>5</sup> VOC = volatile organic compounds

<sup>6</sup> Values obtained from the USEPA Regional Screening Level (RSL) table, November 2015.

<sup>7</sup> RfC for nickel soluble salts was used for nickel.

<sup>8</sup> NA = Not available or not applicable.

<sup>9</sup> In accordance with CalEPA risk assessment policy and guidance, although these TACs do not have toxicity criteria, they have been included in the analysis and are discussed in the uncertainty analysis.

Source: CDM Smith, 2016

**Table 2-6 Acute RELs for TAC of Concern**

TAC	Acute REL <sup>1</sup> (µg/m <sup>3</sup> )	Target Organ
Ammonia	3,200	Respiratory system; eyes
Acetaldehyde	470	Eyes; respiratory system (sensory irritation)
Acrolein	2.5	Eyes, respiratory system (sensory irritation)
Benzene	27	Developmental; Immune system; Hematologic system
1,3-butadiene	660	Development
Ethylbenzene	2,000 <sup>3</sup>	Alimentary system (liver); kidney; endocrine system; development
Formaldehyde	55	Eyes (Sensory irritation)
Methyl alcohol	28,000	Nervous system
Methyl ethyl ketone	13,000	Respiratory system; eyes
Styrene	21,000	Respiratory system; eyes; reproductive/development
Toluene	37,000	Respiratory, nervous systems; eyes reproductive/development
Xylenes Total	22,000	Nervous & respiratory systems; eyes
Arsenic	0.2	Development; cardiovascular system; nervous system
Chlorine	210	Respiratory system; eyes
Copper	100	Respiratory system
Manganese	0.17 <sup>2</sup>	Nervous system
Mercury	0.6	Nervous system; development
Nickel	0.2	Immune system
Vanadium pentoxide <sup>4</sup>	30	Respiratory system; eyes
Sulfates	120	Respiratory system

Notes:

<sup>1</sup> Values obtained from OEHHA Online Toxicity Criteria database, accessed January 2016.

<sup>2</sup> 8-hour value.

<sup>3</sup> Chronic value

<sup>4</sup> Acute value for vanadium pentoxide was used for vanadium in the risk calculations.

Source: CDM Smith, 2016.

## 2.4 Risk Characterization

Risk characterization combines information developed for exposure and for toxicity to produce quantitative estimates of health impacts to receptors in the study area. Methods used are similar under CalEPA and USEPA guidance.

### 2.4.1 Methodology for Evaluating Cancer Risks and Non-Cancer Health Hazards

Concentrations of TAC of concern in air, locations of potentially exposed populations, including locations for MEI exposure scenarios (worker, resident, student), and toxicity criteria were used to calculate incremental human health risks associated with the proposed Project. Risks for people recreating near the airport would be lower than those for workers, residents, and students at any given location because of much shorter times spent in recreational activities. No risks were calculated for this population. Where risks are not significant for other receptor groups, risks for recreational visitors near LAX can also be considered insignificant.

Cancer risks were estimated by multiplying exposure estimates for carcinogenic chemicals by corresponding cancer slope factors. Results were risk estimates expressed as the odds of developing cancer. Commonly, risks (or odds) of developing cancer of one to ten in one million ( $1 \times 10^{-6}$  to  $10 \times 10^{-6}$ ) or less are considered de minimis.<sup>31</sup> Higher risks may be deemed significant in some instances. Cancer risks were based on an exposure duration of 70 years.

Chronic non-cancer health hazard estimates were calculated by dividing exposure estimates by RELs. RELs are estimates of highest exposure levels that would not cause adverse health effects even if exposures continue over a lifetime. The ratio of exposure concentration to reference concentration is termed the HQ. A HQ greater than one indicates an exposure concentration greater than that considered safe. A ratio that is less than one indicates that Project-related (incremental) exposure was less than the highest exposure level that would not cause an adverse health effect and, hence, no impact to human health would be expected.

Risks or odds of adverse effects cannot be estimated using reference doses. However, because reference concentrations are developed in a conservative fashion, HQs only slightly higher than one are generally accepted as 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 TAC that produce effects in similar organs and tissues results in a Hazard Index (HI) that reflects possible total hazards. Several TAC have effects on the respiratory system including acetaldehyde, acrolein, formaldehyde, xylenes, and diesel particulates. Non-cancer health hazards for the proposed Project were calculated for the respiratory system which accounted for essentially all potential for non-cancer health hazards.

To determine whether releases of TAC during construction or operation of the proposed Project would be significant, incremental human health risks for the proposed Project were compared to appropriate thresholds of significance identified in SCAQMD or CalEPA guidance or policy. These comparisons focus on specific risk thresholds such as ten in one million cancer risk or a HI of 1.

## 2.4.2 Maximally Exposed Individuals (MEI)

For the proposed Project, grid points were analyzed along the airport fence-line and within the study area. In addition, five on-airport grid points that were not within the Project site were also modeled (for on-airport/off-site workers) and in the center of LAX (for on-airport/on-site construction workers). These locations are anticipated to represent MEI, based on previous dispersion modeling for LAX. Concentrations of each TAC at these nodes were used in calculating cancer risk, and chronic and acute non-cancer health hazard estimates. These calculations were used to identify locations with maximum cancer risks and maximum non-cancer health hazards and serve as the basis for significance determinations.

MEI estimates were partially land use specific. On-airport locations were used to identify commercial and on-airport worker locations for the operational scenario. For off-airport locations, land uses were designated as either residential, school (including day-care and preschool), hospital (including elder care), and commercial/industrial based on internet web searches and reviews of receptor locations in

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<sup>31</sup> 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.

Google Earth Pro. These land use identifications were used to determine appropriate receptors (workers at commercial/industrial locations; adult and child residents and school children at residential locations; etc.). Locations of schools, hospitals, nursing homes, daycares, etc. were identified as sensitive receptor locations and designated as residential/commercial so that these grid points would be evaluated for both worker and residential receptors.

### 2.4.3 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 a short time on an intermittent basis. USEPA defines intermittent exposure as an exposure lasting less than 24 hours and occurring no more than monthly.<sup>32</sup> Since margins of safety are incorporated to address data gaps and uncertainties, exceeding the REL does not automatically indicate an adverse health impact.

Toxicity criteria (i.e., RELs) for acute non-cancer health hazards do not distinguish between adults and children, and are established at levels that are considered protective of sensitive populations. An acute REL is a concentration in air below which adverse effects are unlikely, including in sensitive subgroups. In most cases, RELs were estimated on the basis of a 1-hour exposure duration. CalEPA's OEHHA has developed acute RELs for several of the TAC of concern identified in emissions from the airport.

Short-term concentrations for TAC associated with Project construction 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 TAC. Acute non-cancer health hazards were then estimated at each grid point by dividing estimated maximum 1-hour TAC concentrations in air by acute RELs. A HI equal to or greater than 1, the threshold of significance for acute non-cancer health impacts, indicates some potential for adverse acute non-cancer health impacts. A HI less than 1 suggests that adverse acute non-cancer health impacts are not expected.

### 2.4.4 Methodology for Evaluating Population-Wide Risks

The purpose of a population-based health impact assessment is to provide perspective on the magnitude of the potential public health threat posed by emissions of a project. Population-wide risk assumes that a population (not necessarily the same individuals) will live within the study area over a 70-year lifetime period.

To evaluate this population-wide risk, the cancer burden method was used to assess the number of excess cancer cases that could occur in the study area population. The cancer burden was calculated by multiplying the cancer risk calculated for a 70-year resident at a grid point by the number of people who live in the census block associated with that grid point. The sum of these estimates represents the cancer burden across each zone of impact ( $10^{-6}$ ,  $10^{-5}$ , etc.) for the study area. In some cases, a single census block contained more than one modeled grid point. When this occurred, the average of the calculated risks for the grid points within the census block was used for the calculation. The result is a

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California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Risk Assessment Guidelines, Technical Support Document for the Derivation of Noncancer Reference Exposure Levels*, June 2008. Available at: <http://oehha.ca.gov/media/downloads/crnrr/noncancertsdfinal.pdf>.

single number for each zone of impact that is intended to estimate the number of potential cancer cases within the population that was exposed to the emissions for a lifetime (70 years).

A similar approach was used for the assessment of population-wide hazard impacts. However, instead of multiplying the hazard indices, zones of impact were identified as where hazard indices exceeded 0.5, 1.0, and in increments of 1.0. The population counts for each zone of impact were summed to provide a single number for each zone of impact. As with the cancer burden, when a single census block contained more than one modeled grid point, the average of the calculated hazard indices for the grid points within the census block was used to determine which zone of impact the census block was representative. Population estimates for acute, 8-hour, and chronic health impacts are presented separately.

## Section 3

# TAC Emissions and Dispersion

### 3.1 TAC Emission

The first step in the process of establishing concentrations of TAC in air was estimation of emissions of TAC during project construction. During the construction phase, emissions of diesel particulate matter (DPM) are expected to contribute the majority to total incremental cancer risks. Other TAC are evaluated for incremental contributions to total cancer risk, and for contributions to chronic and acute non-cancer health hazards.<sup>33,34</sup> Sources of TAC during construction include off-road heavy duty construction equipment; on-road equipment and vehicles; and construction materials (e.g., VOCs from striping, asphalt paving, and architectural coating), with engine exhaust associated with highest estimates for possible health impact. Sources of TAC during operations include on-site roadways, parking lots, and heating and cooling for the ITFs, APM stations, and CONRAC.

The basis for TAC emission estimates are VOC and particulate matter with an aerodynamic diameter less than or equal to 10 micrometers (PM10) emission calculations for construction and operations presented in Section 4.2.1, *Air Quality*, of this Draft EIR. Once these emissions were determined, estimates of TAC emissions were developed from speciation profiles developed by California Air Resources Board (CARB). The profiles used in this analysis are summarized in **Table 3-1**.

**Table 3-1 Speciation Profiles**

PM Profile No.	PM Profile Source Description	TOG Profile No.	TOG Profile Source Description
400	Gasoline Vehicle Exhaust - Catalyzed	716	Paving
420	Construction Dust	717	Architectural Coatings
425	Diesel Vehicle Exhaust	818	Diesel Equipment Exhaust
471	Pave Road Dust – 1997 and After	2120	Gasoline Vehicle Exhaust - Catalyzed
472	Tire Wear		
473	Brake Wear		

Source: California Air Resources Board

### 3.2 Exposure Concentrations (Dispersion)

Air dispersion modeling was used to estimate TAC concentrations for the proposed Project. TAC concentrations were estimated in two steps: first, dispersion modeling was used to estimate total TOG and PM10 concentrations, and then individual organic or particulate TAC concentrations were calculated using emissions profiles to speciate total TOG and PM10 estimates. For example, if total

<sup>33</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Bradley West Project*, (SCH 2008121080), September 2009.

<sup>34</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Central Utility Plant Replacement Project*, (SCH 2009041043), October 2009.

TOG at a given location was 0.1 microgram per cubic meter ( $\mu\text{g}/\text{m}^3$ ) and a given volatile TAC was expected to make up 1 percent of this total, the concentration of that TAC at that location would be 0.001  $\mu\text{g}/\text{m}^3$ .

Project-related concentrations for TAC from proposed Project sources were estimated using the air dispersion model (AERMOD) with model options for 1-hour maximum, 8-hour maximum and annual average concentrations selected. Annual average concentrations for carcinogens were determined for every year of construction, and for the 2024 and 2035 operations. Construction and operational concentrations were combined for the years from 2024 through 2030 (last year of construction). The operational concentrations were linearly interpolated between 2024 and 2035 to get the annual concentrations for each year between these two dates. After 2035, all concentrations were assumed to be equal to the 2035 concentrations.

### 3.2.1 Source Areas

Construction and operational sources were modeled as various area and volume-line sources placed over the proposed Project site and extended along major roadways to approximately three miles from the Project location. Construction equipment and vehicle exhaust emissions were modeled as elevated sources with 5-meter release heights. Fugitive dust was modeled as sources with 0-meter release heights (i.e., released from the ground surface).

### 3.2.2 Receptors

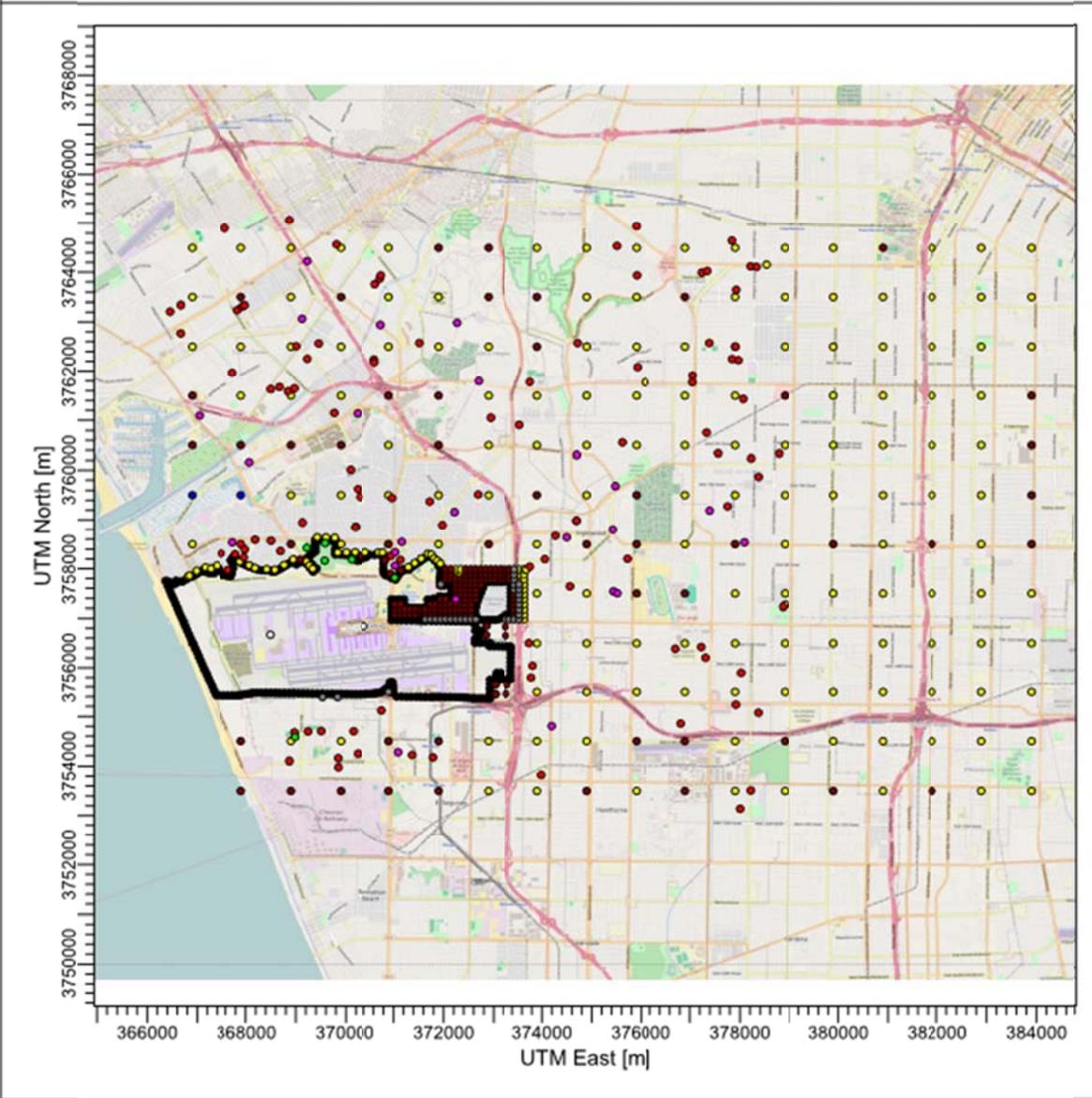
Receptors were modeled at 920 locations in grids and at specific sensitive receptor locations around the airport. In the construction zone east of the airport, the grid spacing was set at 100 meters. Larger spacing was used at locations farther away. Property line receptors were also included, along with several on-airport grid points. The modeled receptors are shown on **Figure 3-1**.

### 3.2.3 Meteorology

One year (2015) of meteorological data was obtained for the LAX National Weather Service ASOS station. These data were processed with upper air data from Miramar, California, through AERMET to generate AERMOD ready hourly meteorological input data.

PROJECT TITLE:

**Figure 3-1 Receptor Locations**



COMMENTS: Property Line (black) Residential (yellow) Schools (red) Hospitals/Elder Care (pink) Commercial/Industrial (brown) Recreational (green) Onsite (white) Wetlands (blue) Roadways (grey)	SOURCES: <b>72</b>	COMPANY NAME: <b>CDM Smith</b>		
	RECEPTORS: <b>920</b>	MODELER:		
	SCALE: 1:125,000 0  4 km			
	DATE: <b>8/3/2016</b>			

AERMOD View - Lakes Environmental Software

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## Section 4

# Human Health Risk Assessment

This HHRA assesses incremental changes to health impacts for people exposed to TAC resulting from construction and operational activities associated with the proposed Project. Cancer risk and chronic non-cancer health hazard estimates for impacts of the proposed Project are based on estimated project construction and operational emissions and air dispersion modeling as discussed above and are discussed in the following sections. Acute non-cancer health hazard estimates were also addressed using emission estimates and dispersion modeling.

For determining significance, four scenarios were evaluated:

- 2017 Project through 2030 Project for unmitigated project construction with project operations commencing in 2024
- 2017 Project through 2030 Project for mitigated project construction with project operations commencing in 2024
- 2024 With Project vs. 2024 Without Project for project operations
- 2035 With Project vs. 2035 Without Project for project operations

For disclosure purposes, the following additional scenarios were evaluated and presented in the Uncertainty Section. These scenarios were not used for a significance determination, but are provided for risk management and mitigation considerations.

- 2024 Project vs. 2015 Baseline for project operations
- 2035 Project vs. 2015 Baseline for project operations

Risk calculations, presented in Attachment 1 to this memorandum, indicate that estimates of cancer risks associated with emissions during construction and operations with implementation of the proposed Project would be above the regulatory threshold of significance within the study area. Chronic non-cancer health hazards and acute non-cancer hazard indices were below the regulatory threshold of significance.

Since health risks were evaluated at locations throughout the study area and TAC concentrations vary from gridpoint to gridpoint, maximum risks and hazards apply to a small subset of receptors and to areas on and around LAX. Figures showing the anticipated gradation of risks and hazards in the study area are provided in this section.

The following subsections discuss incremental cancer risk and chronic and acute non-cancer health hazard estimates for impacts of the proposed Project by scenario and receptor.

## 4.1 Cancer Risks and Non-Cancer Health Hazards Associated with the Proposed Project

Cancer risk estimates from exposure to construction sources are presented below for on-airport/ on-site workers (occupational exposure), and off-airport/ off-site workers, residents, and school children. Acute and chronic non-cancer health hazards are also discussed.

### 4.1.1 Comparison of On-Site Air Concentrations with OSHA Limits for On-Site Workers

Impacts to on-site workers were evaluated by comparing estimated 8-hour air concentrations of TAC during the peak emission years at the on-site locations under the proposed Project for unmitigated and mitigated construction to the California Occupational Safety and Health Administration (CalOSHA) 8-hour Time-Weighted Average Permissible Exposure Levels (PEL-TWAs)<sup>35</sup>. Two years were selected as the peak emission years – 2019 and 2020. The year 2019 is estimated to have the peak diesel exhaust sources and the year 2020 is estimated to have the peak construction dust emissions for particulate matter. In general, the peak years have nearly twice the emissions of the next closest year. Estimated on-site air concentrations and PEL-TWAs for TAC of concern for construction (unmitigated and mitigated) and operation of the proposed Project are presented in **Tables 4-1** and **4-2**, respectively.

The resulting 8-hour concentrations are a few to several orders of magnitude below PELs for all TAC. This result suggests that air concentrations from airport emissions with implementation of the proposed Project would not exceed those considered "acceptable" by CalOSHA standards.

**Table 4-1 Comparison of CalOSHA Permissible Exposures Limits to Maximum 8-Hour On-Site Air Concentrations During Unmitigated and Mitigated Construction (2019 and 2020)**

Toxic Air Contaminant <sup>1</sup>	CalOSHA PEL-TWA (ug/m <sup>3</sup> ) <sup>2</sup>	Project Concentrations during Maximum 8-Hour Construction (ug/m <sup>3</sup> ) <sup>3</sup>			
		Unmitigated		Mitigated	
		2019	2020	2019	2020
1,2,4-trimethylbenzene	12,5000	0.1338	0.1467	0.0554	0.0721
1,3-butadiene	2,200	0.0488	0.0549	0.0207	0.0281
2,2,4-trimethylpentane	NA <sup>4</sup>	0.0835	0.1033	0.0391	0.0611
acetaldehyde	45,000	1.7978	1.8829	0.7098	0.8473
acrolein	250	0.0006	0.0015	0.0006	0.0015
benzene	324	0.5179	0.5607	0.2218	0.2789
cumene	245,000	0.0049	0.0053	0.0020	0.0024
cyclohexane	1,050,000	0.0101	0.0148	0.0056	0.0105
ethyl benzene	22,000	0.0804	0.0914	0.0345	0.0477
ethylene	NA	3.5431	3.7510	1.4144	1.7248
formaldehyde	375	3.6026	3.7801	1.4250	1.7074
hexane	180,000	0.0462	0.0593	0.0225	0.0368
isoprene, except from vegetative emission sources	NA	0.0006	0.0016	0.0006	0.0016

<sup>35</sup> California Occupational Safety and Health Administration, *Table AC-1, Permissible Exposure Limits for Chemical Contaminants*, Available: [https://www.dir.ca.gov/title8/5155table\\_ac1.html](https://www.dir.ca.gov/title8/5155table_ac1.html).

methanol	260,000	0.0079	0.0090	0.0034	0.0048
methyl ethyl ketone (2-butanone)	590,000	0.3619	0.3788	0.1428	0.1702
naphthalene	500	0.0222	0.0236	0.0089	0.0109
propionaldehyde	NA	0.2373	0.2485	0.0937	0.1118
propylene	NA	0.6490	0.7002	0.2642	0.3339
styrene	215,000	0.0152	0.0167	0.0063	0.0083
toluene	37,000	0.3847	0.4424	0.1671	0.2352
aluminum	2,000	0.4790	0.4051	0.3906	0.3597
ammonium	18,000	0.0352	0.0229	0.0059	0.0041
antimony	500	0.0005	0.0003	0.0001	0.0001
arsenic	10	0.0002	0.0002	0.0001	0.0001
barium	500	0.0566	0.0612	0.0532	0.0589
bromine	700	0.0004	0.0003	0.0002	0.0002
cadmium	5	0.0006	0.0004	0.0002	0.0002
chlorine	1,500	0.0317	0.0278	0.0248	0.0239
chromium	5	0.0001	0.0001	0.0001	0.0001
cobalt	20	0.0008	0.0007	0.0006	0.0006
copper	1,000	0.0115	0.0126	0.0110	0.0123
lead	50	0.0040	0.0033	0.0030	0.0028
manganese	200	0.0078	0.0069	0.0064	0.0062
mercury	25	0.0004	0.0003	0.0001	0.0001
nickel	500	0.0012	0.0012	0.0010	0.0010
phosphorus	100	0.0115	0.0095	0.0086	0.0079
selenium	200	0.0001	0.0001	0.00005	0.00005
silicon	5,000	1.3128	1.1230	1.0674	0.9944
silver	10	0.0003	0.0002	0.0001	0.00007
sulfates	NA	0.2626	0.2013	0.1063	0.1012
thallium	100	0	0	0	0
vanadium (fume or dust)	50	0.0026	0.0023	0.0020	0.0020
zinc	NA	0.0092	0.0072	0.0047	0.0045
Xylenes	435,000	0.2779	0.3240	0.1225	0.1761

## Notes:

<sup>1</sup> All TACs for which PEL-TWAs are available are listed. PEL-TWAs are not available for 2,2,4-trimethylpentane, ethylene, isoprene, propionaldehyde, propylene, sulfates, zinc and diesel exhaust.

<sup>2</sup> California Occupational Safety and Health Administration, *Table AC-1, Permissible Exposure Limits for Chemical Contaminants*, 2008, Available: [http://www.dir.ca.gov/title8/5155table\\_ac1.html](http://www.dir.ca.gov/title8/5155table_ac1.html).

<sup>3</sup> Concentrations are for Theme Building at grid point 855.

<sup>4</sup> NA = Not Available

Source: CDM Smith, 2016.

**Table 4-2 Comparison of CalOSHA Permissible Exposures Limits to Maximum 8-Hour On-Site Air Concentrations During Operation**

Toxic Air Contaminant <sup>1</sup>	CalOSHA PEL-TWA (ug/m <sup>3</sup> ) <sup>2</sup>	Project Concentrations during Maximum 8-Hour Operation (ug/m <sup>3</sup> )	
		2024 With Project v. 2024 Without Project <sup>3</sup>	2035 With Project v. 2035 Without Project <sup>3</sup>
1,2,4-trimethylbenzene	12,5000	0.00083	0.00052
1,3-butadiene	2,200	0.00046	0.00027
2,2,4-trimethylpentane	NA <sup>4</sup>	0.00190	0.00109
acetaldehyde	45,000	0.00079	0.00117
acrolein	250	0.00011	0.00006
benzene	324	0.00217	0.00141
cumene	245,000	0.00001	0.00001
cyclohexane	1,050,000	0.00050	0.00028
ethyl benzene	22,000	0.00088	0.00052
ethylene	NA	0.00629	0.00494
formaldehyde	375	0.00241	0.00280
hexane	180,000	0.00131	0.00075
isoprene, except from vegetative emission sources	NA	0.00012	0.00006
methanol	260,000	0.00010	0.00006
methyl ethyl ketone (2-butanone)	590,000	0.00013	0.00022
naphthalene	500	0.00005	0.00003
propionaldehyde	NA	0.00010	0.00015
propylene	NA	0.00269	0.00176
styrene	215,000	0.00010	0.00006
toluene	37,000	0.00481	0.00283
aluminum	2,000	0.03472	0.04110
ammonium	18,000	0.00095	0.00112
antimony	500	0.00002	0.00003
arsenic	10	0.00001	0.00001
barium	500	0.00801	0.00916
bromine	700	0.00002	0.00001
cadmium	5	0.000001	0.000001
chlorine	1,500	0.00136	0.00119
chromium	5	0.00001	0.00001
cobalt	20	0.00001	0.00001
copper	1,000	0.00169	0.00192
lead	50	0.00005	0.00006
manganese	200	0.00051	0.00059
mercury	25	0.000003	0.000003
nickel	500	0.00010	0.00012
phosphorus	100	0.00092	0.00109
selenium	200	0.000004	0.000005
silicon	5,000	0.10823	0.12770
silver	10	0.00000001	0.00000002
sulfates	NA	0.01042	0.00953
thallium	100	0.000001	0.000002
vanadium (fume or	50	0.00012	0.00013

dust)			
zinc	NA	0.00053	0.00061
Xylenes	435,000	0.00400	0.00234

## Notes:

<sup>1</sup> All TACs for which PEL-TWAs are available are listed. PEL-TWAs are not available for 2,2,4-trimethylpentane, ethylene, isoprene, propionaldehyde, propylene, sulfates, zinc and diesel exhaust.

<sup>2</sup> California Occupational Safety and Health Administration, *Table AC-1, Permissible Exposure Limits for Chemical Contaminants*, 2008, Available: [http://www.dir.ca.gov/title8/5155table\\_ac1.html](http://www.dir.ca.gov/title8/5155table_ac1.html).

<sup>3</sup> Concentrations are for the Theme Building at grid point 855.

<sup>4</sup> NA = Not Available

Source: CDM Smith, 2016.

### 4.1.2 Cancer Risks and Chronic Non-Cancer Health Hazards for Maximally Exposed Individuals (MEI) – Residents and School Children

For the construction scenario, 550 grid points were analyzed within the study area in the vicinity of the airport for each construction year from 2017 to 2030. These locations are shown on **Figure 4-1a**.

Two modeling runs were analyzed for operations – a screening run and a refined run. For the screening operation scenario, 880 grid points were analyzed within the study area in the vicinity of the airport. These locations are shown on **Figure 4-1b**. The modeling grid for operations was expanded over the construction modeling grid in order to include the nearby roadways so that the potential traffic impacts could be captured by the modeling. For the refined operation scenario, the 550-grid point construction modeling grid was used. Only the results of the refined modeling run are summarized in this section. The results of the screening modeling run are included in the attachments. The operation scenarios were modeled for two horizon years – 2024 and 2035. To estimate the TAC emissions between 2024 and 2035, concentrations were assumed to change linearly from 2024 to 2035. In addition, risks and hazards for operations were added to the construction risks and hazards, for years for 2024 and beyond.

Concentrations at these locations represent maximum concentrations of TAC predicted by the air dispersion modeling, can be used to evaluate exposure to a MEI, and thus provide a ceiling for risks and hazards for off-airport residential, commercial, and student receptors. In essence, these calculations assumed that people live, work, and go to school within this study area. This assumption is obviously conservative. No exposures or risks due to emissions from LAX within the community outside of the study area would be higher than those calculated in this HHRA.

Air concentrations for TAC for construction and operational sources were developed using emissions estimates and dispersion modeling as described in Sections 3.1 and 3.2 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, resident children ages 0 to 9 years, and for elementary-aged school children at locations where air concentrations for TAC were predicted. Peak cancer risks and chronic non-cancer health hazards for MEI are presented in **Tables 4-3 and 4-4** and summarized in the following sections; calculations are presented in Attachment 1.

**Table 4-3 Incremental Cancer Risks and Chronic Non-Cancer Human Health Hazards for Maximally Exposed Individuals from Proposed Project Construction and Operation**

Incremental Cancer Risks <sup>1</sup> (per million people)				
Receptor Type	Construction		Operation <sup>2</sup>	
	Unmitigated	Mitigated	2024 With Project	2035 With Project
			vs. 2024 Without Project	vs. 2035 Without Project
Adult Resident, 30 years	<b>23</b>	9	8	4
Child Resident, 9 years	<b>54</b>	<b>12<sup>3</sup></b>	8	3
School Child, 12 years	<b>13</b>	4	3	1
Adult Worker, 25 years	3	2	1	0.8
Incremental Non-Cancer Chronic Hazards <sup>3</sup>				
Receptor Type	Construction		Operation <sup>2</sup>	
	Unmitigated	Mitigated	2024 With Project	2035 With Project
			vs. 2024 Without Project	vs. 2035 Without Project
Residential	NA <sup>5</sup>	NA <sup>5</sup>	0.26	0.26
Commercial	NA <sup>5</sup>	NA <sup>5</sup>	0.26	0.28

Notes:

<sup>1</sup> Values provided are changes in the number of cancer cases per million people. Values greater than the threshold are in bold.

<sup>2</sup> Values in this table are for the refined 2024 operations scenario with unmitigated construction. Values for the refined 2024 operations scenario with mitigated construction (results provided in the attachments) would be less.

<sup>3</sup> After additional mitigation that LAWA has committed to, this value is reduced to 9 in a million. See text.

<sup>4</sup> Hazard indices are totals for all TACs that may affect the respiratory system. This incremental HI is essentially equal to the total for all TACs.

<sup>5</sup> NA = not applicable. Hazard indices for construction are shown in Table 4-4.

Source: CDM Smith, 2016.

**Table 4-4 Incremental Chronic Non-Cancer Human Health Hazards for Maximally Exposed Individuals from Project Construction**

Incremental Chronic Non-Cancer Health Hazards during Construction <sup>1</sup>														
Receptor	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Unmitigated</b>														
Resident	0.003	0.05	0.2	0.2	0.2	0.1	0.07	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Worker	0.01	0.3	0.4	0.5	0.4	0.4	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
<b>Mitigated</b>														
Resident	0.002	0.04	0.1	0.2	0.2	0.1	0.06	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Worker	0.005	0.2	0.3	0.4	0.4	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Notes:

<sup>1</sup> Includes contribution from Operations starting in 2024. Values rounded to single significant digit.

Source: CDM Smith, 2016.

### 4.1.2.1 Residents (Adults and Young Children)

#### Construction

For the construction scenario, adult and child residents were evaluated at 333 residential and residential/commercial grid nodes. Because construction of the proposed Project is estimated to be 14 years, incremental cancer risk for the adult resident was estimated assuming 14 years of construction and with operation overlapping the construction starting in 2024; following completion of

construction, it was assumed that the adult resident was exposed to operations for the remaining 16 years of the 30-year exposure period. Since the exposure period for the child resident is 9 years, which is less than the 14-year construction scenario, the cancer risk for the child resident was calculated over several periods within the 14-year time frame to determine which period would result in the maximum cancer risk for the child resident. It was determined that maximum exposure and cancer risk for the child resident would occur for the 9-year exposure period from 2019 to 2027.

Incremental cancer risk for an adult resident at the peak location during construction is estimated to be 23 in one million for the unmitigated scenario, and 9 for the mitigated scenario. The unmitigated scenario is more than the threshold of significance of 10 in one million while the mitigated scenario is less than the threshold of significance of 10 in one million. DPM would contribute to the majority of the cancer risk (94 percent for unmitigated and 42 percent for mitigated) followed by hexavalent chromium, contributing 4 percent for unmitigated and 49 percent for mitigated. DPM is primarily an emission from diesel construction equipment, haul trucks, and concrete trucks. The peak locations are shown on **Figures 4-2a and 4-2b**.

Incremental cancer risk for a child resident at the peak location during construction is estimated to be 54 in one million (unmitigated), and 12 (mitigated), both of which are more than the threshold of significance of 10 in one million. DPM would contribute the majority of the cancer risk (91 percent for unmitigated and 66 percent for mitigated) followed by hexavalent chromium, contributing 6 percent for unmitigated and 27 percent for mitigated. Hexavalent chromium is primarily an emission from fugitive dust. Peak locations are shown on **Figures 4-2c and 4-2d**.

As noted in the Section 4.2.1.8 (Air Quality) of the EIR, the mitigation measures identified in Section 4.2.1.7 of the EIR were based on conservative assumptions due to recent experience with a lack of available Tier 4 construction equipment. The analysis for mitigated criteria air pollutant impacts assumed that the off-road construction equipment fleet would be 30 percent USEPA Tier 3 compliant, 35 percent Tier 4 Interim compliant, and 35 percent Tier 4 Final compliant. Fifty percent of the USEPA Tier 3 compliant equipment was also assumed to be fitted with Level 3 VDECS diesel particulate filters. In addition, LAWA is committing to using 90 percent renewable diesel fuel in construction equipment per MM-AQ (LAMP)-1. Applying these mitigation assumptions to the construction health risk impacts resulted substantial reductions in cancer risks; however, the child resident was still estimated to have a cancer risk of approximately 12 per million, above the 10 per million significance threshold. Therefore, LAWA is committing to a mitigation program that will result in 40 percent of the off-road construction equipment used on the project meeting Tier 4 Final standards, 40 percent meeting Tier 4 Interim Standards, and the remaining 20 percent meeting Tier 3 standards – with 50 percent of Tier 3 compliant equipment installed with Level 3 VDECS particulate filters. Implementation of this additional mitigation is estimated to reduce the child resident cancer risk to approximately 9 per million, below the 10 per million significance threshold.

Project-related chronic non-cancer hazard indices for construction impacts associated with the proposed Project are provided in **Table 4-4**. Hazard indices for each year of construction would range from 0.003 in 2017 to 0.29 in 2026 for a resident living at the peak TAC concentration location under the unmitigated scenario for a single year of construction of the proposed Project. Non-cancer hazard indices for adult residents and child residents are the same because the OEHHA methodology does not normalize hazard indices to body weight. All incremental chronic non-cancer health hazards for residential adults and for young children are predicted to be below the significance threshold of 1. At the peak HI location in 2026, hazard indices are primarily attributable to silicon (41 percent) and

barium (17 percent) and to a lesser extent to aluminum, nickel, and chlorine (all 8 percent) and manganese (7 percent). Silicon and chlorine are components of construction dust.

Hazard indices for each year of construction would range from 0.04 in 2018 to 0.28 in 2026 for a resident living at the peak TAC concentration location under the mitigated scenario. All incremental chronic non-cancer health hazards for residential adults and for young children are predicted to be below the significance threshold of 1. At the peak HI location in 2026, hazard indices are primarily attributable to silicon (42 percent) and barium (18 percent) and to a lesser extent chlorine (9 percent) and aluminum and nickel (both 8 percent). Since all hazard indices are less than 0.5, no figure was generated for the chronic non-cancer hazard indices.

### *Operations*

For impacts due to operational emissions, residents were evaluated at 333 off-airport grid nodes. Comparison of 2024 With Project vs. 2024 Without Project indicates an incremental cancer risk for a child resident assuming a 9-year exposure scenario of 8 in one million, and an incremental cancer risk for an adult resident assuming a 30-year exposure scenario of 8 in one million. These estimates are below the threshold of significance of 10 in one million for the Proposed Project. DPM would contribute to the majority of the cancer risk (79 percent for a child and 73 percent for an adult), followed by hexavalent chromium, contributing 5 percent for a child and 8 percent for an adult. The peak location is shown on **Figures 4-3a and 4-3b**.

Comparison of 2035 With Project vs. 2035 Without Project for project operations, indicates an incremental cancer risk for a child resident of 3 in one million, and an incremental cancer risk for an adult resident of 4 in one million. These estimates are below the threshold of significance of 10 in one million. Hexavalent chromium would contribute to the majority of the cancer risk (87 percent) followed by DPM, contributing 7 percent. This peak location is shown on **Figure 4-3c and 4-3d**.

Project-related chronic non-cancer hazard indices for residents are estimated to be 0.26 when comparing 2024 With Project vs. 2024 Without Project and 0.26 when comparing 2035 Project vs. 2035 Without Project. For 2024 With Project vs. 2024 Without Project at the peak HI location, hazard indices are primarily attributable to silicon (44 percent) and barium (19 percent) and to a lesser extent to nickel, and aluminum (each 9 percent) and chlorine and manganese (each 7 percent). Comparing 2035 With Project vs. 2035 Without Project at the peak HI location, hazard indices are primarily attributable to silicon (44 percent) and barium (19 percent) and to a lesser extent to nickel and aluminum (both 9 percent) and manganese and chlorine (both 7 percent). Project-related chronic non-cancer health hazards for adult workers for the proposed Project are predicted to be below the threshold of significance. Since all hazard indices are less than 0.5, no figure was generated for the chronic non-cancer hazard indices.

## **4.1.2.2 School Children**

### *Construction*

For the construction scenario, school children were evaluated at 333 residential and residential/commercial grid nodes under a 12-year exposure scenario. Because construction of the proposed Project is estimated to be 14 years, incremental cancer risk for the school child was estimated assuming 12 years of construction and with years of operation overlapping the construction starting in 2024. Calculations indicated that the peak 12-year exposure period for the school child was 2019 to 2030.

Incremental cancer risk for children attending schools at the peak location within the study area is estimated to be 13 in one million (unmitigated), which exceeds the threshold of significance of 10 in one million; and 4 in one million (mitigated), which is less than the threshold of significance. DPM would contribute to the majority of the cancer risk (88 percent for unmitigated and 51 percent for mitigated) followed by hexavalent chromium, contributing 9 percent for unmitigated and 40 percent for mitigated. These peak locations are shown on **Figures 4-4a and 4-4b**.

Grid locations that were evaluated include all locations where current land use is residential or residential/commercial locations. In theory, schools could be constructed in these areas in the future. Schools do not currently exist at almost all of these locations. The closest existing school within the study area would be Oak Street Elementary School; this location is also shown on **Figures 4-4a and 4-4b**. Incremental cancer risk for children attending school at this locations for 12 years is estimated to be 8 in one million (unmitigated) and 2 in one million (mitigated), both of which are less than the threshold of significance of 10 in one million. Impact estimates at all other existing school locations are less than estimates for Oak Street Elementary. Since the school is an elementary school that provides instruction for children from kindergarten through sixth grade (i.e., 7 years), actual exposure for the school child would be less than the 12-year exposure scenario that was modeled. Based on the 2015 OEHHA Guidance methodology for calculating chronic non-cancer HI, the hazard calculation for school children would not be different from the hazard calculation for child residents.

### *Operations*

Comparing 2024 With Project vs. 2024 Without Project for project operations, incremental cancer risk for a school child assuming a 12-year exposure scenario is estimated to be 3 in one million, which is below the threshold of significance of 10 in one million. DPM would contribute to the majority of the cancer risk (81 percent), followed by hexavalent chromium, contributing 5 percent. This peak location is shown on **Figure 4-5a**.

Grid locations that were evaluated include all locations where current land use is residential or residential/commercial locations because schools could be constructed in these areas in the future. Schools do not currently exist at almost all of these locations. The closest existing school is Oak Street Elementary School; this location is also shown on **Figure 4-5a**. Incremental cancer risk for children attending school within the study area for 12 years is estimated to be 0.1 in one million, which is less than the threshold of significance of 10 in one million. Cancer risk estimates at all other existing school locations within the study are less than 0.7 in one million. Since the school is an elementary school that provides instruction for children from kindergarten through sixth grade (i.e., 7 years), actual exposure for a child at this facility would likely be less than the 12-year exposure scenario that was modeled.

Comparing 2035 With Project vs. 2035 Without Project for project operations, an incremental cancer risk for a school child assuming a 12-year exposure scenario is estimated to be 1 in one million, which is below the threshold of significance of 10 in one million. Hexavalent chromium would contribute to the majority of the cancer risk (87 percent) followed by DPM (contributing 7 percent). This peak location is shown on **Figure 4-5b**.

Grid locations that were evaluated include all locations where current land use is residential or residential/commercial locations because schools could be constructed in these areas in the future. Schools do not currently exist at almost all of these locations. The closest existing school is Oak Street Elementary School; this location is also shown on **Figure 4-5b**. Incremental cancer risk for children attending school within the study area for 12 years is estimated to be 0.3 in one million, which is less

than the threshold of significance of 10 in one million. Cancer risk estimates at all other existing school locations within the study are less than 0.3 in one million. Since the school is an elementary school that provides instruction for children from kindergarten through sixth grade (i.e., 7 years), actual exposure for a child at this facility would likely be less than the 12-year exposure scenario that was modeled.

Based on the 2015 OEHHA Guidance methodology for calculating chronic non-cancer HI, the hazard calculation for school children would not be different from a hazard calculation for a resident child. Thus, chronic non-cancer HI was not calculated separately for the school child.

#### 4.1.2.3 Adult Workers

##### *Construction*

Adult workers were evaluated at 338 off-airport grid nodes and 2 on-airport grid nodes. Because the exposure period of the adult worker is 25 years and construction of the proposed Project is estimated to be 14 years, incremental cancer risk for the worker was estimated assuming 7 years of construction, 7 years of construction and operations (with incremental impacts decreasing linearly from 2024 toward 2035 estimates, 4 years of operations only (with incremental impacts changing linearly along the path from 2024 to 2035), and 7 years of operations only (with incremental impacts equal to 2035 estimates).<sup>36</sup>

Cancer risks for adult workers at the peak location are estimated to be 3 in one million (unmitigated) and 2 in one million (mitigated). DPM would contribute to the majority of the cancer risk (87 percent for unmitigated and 54 percent for mitigated) followed by hexavalent chromium (11 percent for unmitigated and 40 percent for mitigated). Overall, project-related cancer risks for the proposed Project for adult workers are predicted to be below the threshold of significance (10 in one million). Peak locations are shown on **Figures 4-6a and 4-6b**.

As previously discussed, health impacts are estimated on a year-by-year basis to account for varying emission rates and source locations during the construction period. Chronic exposure is typically defined as exposure lasting 7 years or longer, and yearly estimates are not reflections of the potential for non-cancer health impacts. Further, unlike evaluation of cancer risks, non-cancer hazards are based on average daily dose, rather than on cumulative lifetime dose. Thus, the most appropriate way to estimate non-cancer hazards is to develop an average exposure concentration over the period of construction. However, examining yearly HI estimates can provide initial screening. If the highest yearly HI estimates are less than the regulatory threshold of 1, then any average exposure rate encompassing years with lower HI estimates will also be less than 1. This screening approach was used in the discussion of HI estimates for adult workers.

Project-related chronic non-cancer hazard indices for construction impacts associated with the proposed Project are provided in **Table 4-4**. Hazard indices shown for each year of construction would range from 0.01 in 2017 to 0.5 in 2020 for an adult worker at the peak TAC concentration location (unmitigated) for a single year of construction. All incremental chronic non-cancer health

<sup>36</sup> Recall that the project time line is divided into three parts – an initial construction period of 7 years from 2017 to 2024, a middle period from 2024 to 2031 where construction continues and airport-related operations associated with the proposed project are realized and an operations only period starting in 2031. To estimate impacts during the period from 2024 to 2035, incremental operational emissions are assumed to decrease linearly with time. These incremental emission estimates are calculated as the difference between proposed Project and No Project emissions in both 2024 and 2035.

hazards for adult workers are predicted to be below the significance threshold of 1. At the peak HI location for 2020, hazard indices are primarily attributable to silicon (39 percent) and to a lesser extent to DPM, cobalt, and chlorine (each 11 percent), and aluminum (9 percent). Silicon and chlorine are components of construction dust. Since even peak HI estimates are less than one, HI estimates for any chronic time frame will also be less than one and the screening analysis is sufficient to demonstrate lack of significant impact.

Hazard indices shown for each year of construction would range from 0.005 in 2017 to 0.42 in 2020 for an adult worker at the peak TAC concentration location (mitigated) for a single year of construction. All incremental chronic non-cancer health hazards for adult workers are predicted to be below the significance threshold of 1. At the peak HI location for 2020, hazard indices are primarily attributable to silicon (45 percent) and to a lesser extent to cobalt and chlorine (both 12 percent) and aluminum (10 percent). Since all hazard indices are equal to or less than 0.5, no figure was generated for the chronic non-cancer hazard indices. Since even peak HI estimates are less than one, HI estimates for any chronic time frame will also be less than one and the screening analysis is sufficient to demonstrate lack of significant impact.

### *Operations*

Comparing 2024 With Project vs. 2024 Without Project for project operations, incremental cancer risk for a worker assuming a 25-year exposure scenario is estimated to be 1 in one million, which is below the threshold of significance of 10 in one million. DPM would contribute to the majority of the cancer risk (60 percent) followed by hexavalent chromium, contributing 31 percent. This peak location is shown on **Figure 4-7a**.

Comparing 2035 With Project vs. 2035 Without Project for project operations, incremental cancer risk for a worker assuming a 25-year exposure scenario is estimated to be 0.8 in one million, which is below the threshold of significance of 10 in one million. Hexavalent chromium would contribute to the majority of the cancer risk (74 percent) followed by DPM, contributing 23 percent. This peak location is shown on **Figure 4-7b**.

Project-related cancer risks for workers are predicted to be below the threshold of significance for the proposed Project for operations for horizon year 2024 and for horizon year 2035.

Project-related incremental chronic non-cancer hazard indices for adult workers are estimated to be 0.26 when comparing 2024 With Project vs. 2024 Without Project and 0.28 when comparing 2035 With Project vs. 2035 Without Project. Under 2024 Project vs. 2024 Without Project at the peak HI location, hazard indices are primarily attributable to silicon (42 percent) and barium (19 percent) and to a lesser extent to nickel and chlorine (both 9 percent), and aluminum (8 percent). For 2035 Project vs. 2035 Without Project at the peak HI location, hazard indices are primarily attributable to silicon (45 percent) and barium (19 percent) and to a lesser extent to nickel (9 percent), aluminum (9 percent) and manganese (7 percent). Project-related chronic non-cancer health hazards for adult workers for the proposed Project are predicted to be below the threshold of significance. Since all hazard indices are less than 0.5, no figure was generated for the chronic non-cancer hazard indices. Note again that single year HI estimates are used for screening. When peak HI estimates do not exceed the regulatory threshold of 1, no longer term (chronic) exposures will result in HI estimates above 1.

### 4.1.3 Acute Non-Cancer Health Hazards

As with cancer risks and chronic non-cancer health hazards, acute non-cancer health hazards were analyzed at grid points within the study area. Short-term concentrations of TAC for the proposed Project sources were estimated using AERMOD with the model option for 1-hour maximum concentrations selected. Acute non-cancer health hazards were estimated at each grid point by comparison of the modeled TAC concentration at each grid point with the acute REL. All TAC identified in the proposed Project construction emissions and for which CalEPA has developed acute RELs were evaluated for potential acute non-cancer health hazards. All acute non-cancer health hazard estimates are specific for airport emissions and are independent of county-wide estimates developed by USEPA.

Land use distinctions and different exposure scenarios are irrelevant for assessment of acute non-cancer health hazards. For example, someone visiting a commercial establishment would potentially be subject to the same acute non-cancer health hazards as someone working at the establishment. For the acute non-cancer health hazards analysis, all of the grid points were distinguished by their receptor type although the calculation for the acute non-cancer health hazard was the same. Retaining land use designations puts some perspective on who might be subject to exposure to the highest short-term concentrations of TAC.

#### *Construction*

Acute non-cancer health hazards were evaluated for two peak emission years of construction – 2019 and 2020. The year 2019 is estimated to have the peak diesel exhaust sources and the year 2020 is estimated to have the peak construction dust emissions for particulate matter. In general, the peak years have nearly twice the emissions of the next closest year. All hazards quotients due to acute exposure are equal to or below 1 for all evaluated on-site and off-site grid nodes within the study area whether evaluated with or without mitigation. Two on-airport grid points were assumed to be commercial receptors (workers). Hence, no acute non-cancer health impacts are expected from construction of the proposed Project. A HI equal to or greater than 1 would indicate the potential for acute adverse health effects.

For an off-site worker, a hazard quotient for acute exposure to manganese construction is equal to 1 (unmitigated) at the location of maximum impact: all other hazard quotients are less than 1. The acute REL for manganese is set at or below a level at which no adverse health impacts are expected for the majority of the population and includes an uncertainty factor of 300. Hence, no health impacts are expected. Also, note that the target organ for acute toxicity of manganese is the nervous system and its actions would not be expected to be additive to the effects of formaldehyde which target the respiratory system. Formaldehyde and manganese are the only chemicals with acute HI estimates close to the threshold of one. No additive impacts from exposure to manganese and other site related TAC are expected.

Formaldehyde and manganese are responsible for 5 to 47% and 30 to 84%, respectively, of all predicted acute non-cancer health hazards before mitigation. Benzene and nickel contribute 2 to 14% and 4 to 7%, respectively to the total acute non-cancer health hazard

Acrolein is only responsible for 0.04 to 0.4% of all predicted acute non-cancer health hazards (unmitigated). Acrolein results are mentioned here for informational purposes because it has historically been a TAC of concern for acute non-cancer health hazards for other LAX projects. Current estimates of emissions and air concentrations are too low for this TAC to be of concern for the proposed Project.

Maximum acute non-cancer health hazards associated with exposure to manganese and formaldehyde associated with emissions from the proposed Project construction are summarized in **Table 4-5**. Peak locations are shown in **Figure 4-8a**. Calculations are provided in Attachment 2 to this memorandum.

Acute exposures to acrolein typically result in mild irritation of eyes and mucous membranes. Acute exposures to formaldehyde may result in irritation to the eye and respiratory system and potentially adverse effects to the immune system. Acute exposures to nickel could also potentially impact the immune system. Acute exposures to benzene could result in developmental impacts and impacts to the immune and hematologic systems. The target organ for acute toxicity of manganese is the nervous system.

**Table 4-5 Range of Incremental Acute Non-Cancer Hazard Indices for Project Construction for 2019 and 2020**

Summary of Incremental Acute Non-Cancer Hazard Indices												
Receptor Type	Manganese				Acrolein				Formaldehyde			
	Unmitigated		Mitigated		Unmitigated		Mitigated		Unmitigated		Mitigated	
	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020
On-Site Worker												
Maximum HI <sup>1</sup>	0.1	0.1	0.09	0.1	0.0006	0.001	0.0006	0.001	0.2	0.1	0.06	0.07
Average HI	0.07	0.09	0.06	0.07	0.0004	0.0008	0.0004	0.0008	0.1	0.08	0.04	0.04
Minimum HI	0.04	0.03	0.03	0.03	0.0001	0.0001	0.0001	0.0001	0.04	0.02	0.02	0.007
Off-Site Worker												
Maximum HI	0.4	1.0	0.4	0.8	0.003	0.0006	0.003	0.0006	0.1	0.07	0.06	0.03
Average HI	0.08	0.2	0.07	0.2	0.0002	0.0001	0.0002	0.0001	0.03	0.02	0.01	0.006
Minimum HI	0.003	0.008	0.003	0.007	0.00001	0.00001	0.00001	0.00001	0.003	0.001	0.001	0.0005
Residential												
Maximum HI	0.3	0.7	0.3	0.6	0.0004	0.0004	0.0004	0.0004	0.05	0.05	0.02	0.02
Average HI	0.03	0.07	0.02	0.06	0.00006	0.00005	0.00006	0.00005	0.01	0.007	0.005	0.003
Minimum HI	0.002	0.004	0.002	0.004	0.000006	0.000006	0.000006	0.000006	0.002	0.0008	0.0007	0.0004

Notes:

<sup>1</sup> HI = Hazard Index

Source: CDM Smith, 2016.

### Operations

Acute non-cancer health hazards were evaluated for each horizon year of operations in 2024 and 2035. All hazards quotients due to acute exposure are below regulatory threshold of 1 for all evaluated on-site and off-site grid nodes within the study area of the proposed Project. Hence, no acute non-cancer health impacts are expected from projected operational emissions.

Nickel and manganese are responsible for 13.2 to 13.5%, and 76.4 to 79.1%, respectively, of all predicted acute non-cancer health hazards under operations. As with construction, acrolein is a minor contributor (0.8 to 1.6% of all predicted acute non-cancer health hazards (mitigated)) and is not anticipated to represent an acute health hazard. Calculations are provided in Attachment 2 to this memorandum.

## 4.2 Population-Wide Risks (Cancer Burden)

Some incremental MEI cancer risk estimates exceed the regulatory threshold of 10 in one million. When such results are realized, CalEPA guidance requires an estimate of population level risks. These estimates are protective estimates of the number of cancer cases that could occur in the exposed population. If more than 0.5 cases are estimated, the impact is determined to be significant.

To determine the population-wide risks, Project-related risks for construction and operation impacts (unmitigated and mitigated) were evaluated for a 70-year residential scenario. Cancer burden for residents population risks for construction impacts associated with the proposed Project are provided in **Table 4-6**. Cancer risk isopleths to identify the 1 in a million zone of impact along with the peak locations for unmitigated and mitigated construction are shown on **Figures 4-9a** and **4-9b**, respectively; similarly, 2024 and 2035 operations are shown on **Figures 4-10a** and **4-10b**, respectively.

**Table 4-6 Incremental Cancer Risks and Cancer Burdens for Maximally Exposed 70-Year Resident from Project Construction and Operation**

Receptor Type	Incremental Cancer Risk and Burden <sup>1</sup> (per million people)			
	Construction		Operation <sup>2</sup>	
	Unmitigated	Mitigated	2024 With Project vs. 2024 Without Project	2035 With Project vs. 2035 Without Project
Resident, 70 years Cancer Risk	<b>25</b>	<b>14</b>	<b>15</b>	<b>14</b>
<b>Cancer Burdens by Zone of Impact</b>				
within 100 in a million ( $10^{-4}$ )	0.0	0.0	0.0	NC
within 10 in a million ( $10^{-5}$ )	0.1	0.0	0.0	NC
within 1 in a million ( $10^{-6}$ )	0.4	0.1	0.05	NC
within 0.1 in a million ( $10^{-7}$ )	<b>0.5</b>	0.1	0.1	NC

Notes:

<sup>1</sup> Cancer Risk values provided are changes in the number of cancer cases per million people. Values greater than the threshold are in bold.

<sup>2</sup> Values in this table represent screening operations cancer risks. Refined operation results would be less than screening operations cancer risks.

NC – Not calculated

Source: CDM Smith, 2016.

The 2015 population by census tract was estimated from the 2010 census population available from the U.S. Census<sup>37</sup> and cross-referenced with the calculated cancer risks. When multiple grid points were located within a single census tract, cancer risk was estimated as the average within the tract. The total cancer burden for the Project was determined as the sum of individual census tract cancer burdens.

Incremental cancer risk for 70-year residential scenarios is greater than the threshold of 10 in a million, yet cancer burden within the zone of impact of 1 in a million ( $10^{-6}$ ) is below the threshold of significance of 0.5. This finding reflects the relatively small area where cancer risks exceed the threshold. A small area equates to an impact to a small population, which in turn has a small impact on total cancer burden.

<sup>37</sup> <http://www.census.gov/>

Because all incremental chronic non-cancer health hazards for residents are below 1, population-level estimates for non-cancer health impacts were not estimated. The same is true for acute health hazards. Manganese was the only TAC with an acute HQ near but not above the threshold of 1. As noted previously, the target end point for manganese is the nervous system, which is not the same as the target end point for formaldehyde that effects the respiratory system. Health hazards for manganese are not additive with the respiratory hazards associated with the only other TAC that contributes substantively to hazards estimates.

## 4.3 Cumulative Risks and Non-Cancer Health Hazards Associated with the Proposed Project

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 health risk impacts, and Project-related contributions to those impacts; however, no determination is made regarding the significance. Since these results are not used for significance determination, a general discussion of the cumulative impacts for the proposed Project is provided. Based on information available from SCAQMD and USEPA, relative to regional cancer risk estimates and TAC concentration predictions, geographic areas considered in the cumulative health risk impacts analysis include the South Coast Air Basin for cancer risk and the LAX area for non-cancer health hazards, as further described below.

### 4.3.1 Cumulative Cancer Risks

The SCAQMD has conducted a series of urban air toxics monitoring and evaluation studies for the South Coast Air Basin called Multiple Air Toxics Exposure Study in the South Coast Air Basin (MATES)<sup>38</sup>. The original study published in June 1987 has been updated several times; the most recent study, MATES-IV,<sup>39</sup> was published in May 2015. According to MATES-IV, although in general there has been an overall Basin-wide reduction in air toxics concentrations since MATES-III<sup>40</sup>, application of the updated risk estimation methods recently adopted by OEHHA result in an estimated population weighted risk across the South Coast Air Basin of 897 per million, an increase in cancer risks. In fact, MATES-IV estimated that the estimated lifetime risks near the Ports of Los Angeles and Long Beach of over 2,500 per million from air toxics. These cancer risk estimates are high and indicate that current impacts associated with ongoing releases of TAC from sources unrelated to LAX (e.g., from vehicle exhaust) and from sources of TAC from past and present projects in the region are substantial. The MATES-IV 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 TAC in the air shed. Only possible incremental contributions to cumulative impacts can be assessed.

<sup>38</sup> General information on the original *Multiple Air Toxics Exposure Study* and subsequent updates conducted by South Coast Air Quality Management District, Available: <http://www.aqmd.gov/home/library/air-quality-data-studies/health-studies>, accessed August 19, 2016.

<sup>39</sup> South Coast Air Quality Management District, *Final Report – Multiple Air Toxics Exposure Study in the South Coast Air Basin – MATES- IV*, May 2015,. Available: <http://www.aqmd.gov/docs/default-source/air-quality/air-toxic-studies/mates-iv/mates-iv-final-draft-report-4-1-15.pdf?sfvrsn=7>.

<sup>40</sup> South Coast Air Quality Management District, *Final Report – Multiple Air Toxics Exposure Study in the South Coast Air Basin – MATES- III*, September 2008. Available: <http://www.aqmd.gov/home/library/air-quality-data-studies/health-studies/mates-iii/mates-iii-final-report>

Meaningful quantification of future cumulative health risk exposure in the entire South Coast Air Basin is not possible. Moreover, the threshold of significance used to determine cancer risk impacts associated with the proposed Project is based on the cancer risks associated with individual projects; this threshold is not appropriately applied to conclusions regarding cumulative cancer risk in the South Coast Air Basin.

However, based on the relatively high cancer risk level associated with TAC in air in the South Coast Air Basin (i.e., an additional 897 cancer cases per million according to MATES-IV), the proposed Project (with a maximum estimated incremental cancer risk of 54 cancer cases per million<sup>41</sup>) would not add substantially (less than 10 percent) to the already high cumulative cancer risk in the South Coast Air Basin. This small increase estimated for the proposed Project would not be measurable in collected cancer statistics against urban background conditions in the South Coast Air Basin.

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 emissions of diesel particulates are being considered and implemented. Since DPM 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 South Coast Air Basin, would reduce cumulative impacts overall. 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 proposed Project cannot be ascertained. For example, reduction in diesel emissions from mobile sources seems likely to affect both LAX related emissions as well as basin-wide impacts.

With regard to reasonably foreseeable future projects, continued growth and development in the region, as well as other construction projects at LAX, may result in additional emissions of TACs. Future emissions of TACs in the airshed in general cannot be quantitatively assessed. For information purposes, other projects at/adjacent to LAX that may be ongoing concurrently with the proposed Project are listed in this EIR, Section 4.2.1.6 (Table 4.2.1-22).

Included in **Table 4-7** are cumulative projects considered in the Bradley West<sup>42</sup> and CUP-RP EIRs,<sup>43</sup> indicating that a similar level of cumulative project construction would occur under the proposed Project as under these other major projects. Cancer risks from the proposed Project construction are comparable to the cancer risks from the combined other development projects at/adjacent to LAX anticipated to be under construction concurrent with the Project (Table 4-7). However, even when the cancer risks from the proposed Project construction are combined other development projects at/adjacent to LAX anticipated to be under construction concurrent with the Project, the increment would not be measurable against urban background conditions in the South Coast Air Basin. Risks and hazards associated with the proposed Project would have an even smaller impact on cumulative human cancer risks and health hazards against these urban background conditions.

<sup>41</sup> Unmitigated construction cancer risk for a child resident, Table 4-3.

<sup>42</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Bradley West Project*, (SCH 2008121080), September 2009.

<sup>43</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Central Utility Plant Replacement Project*, (SCH 2009041043), October 2009.

**Table 4-7 Comparison of Incremental Cancer Risks and Chronic Non-Cancer Human Health Hazards for Maximally Exposed Individuals from Mitigated Project Construction to the Concurrent Projects of Bradley West and CUP-RP**

Receptor Type	Incremental Cancer Risks <sup>1</sup> (per million people)	
	Proposed Project	Concurrent Projects for Bradley West and CUP-RP <sup>3</sup>
Child Resident	12	9
School Child	4	0.8
Adult Resident	9	31
Adult Worker	2	31
Receptor Type	Incremental Non-Cancer Chronic Hazards <sup>2</sup>	
Resident	0.28	0.09
Worker	0.42	0.09

Notes:

<sup>1</sup> 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.

<sup>2</sup> Hazard indices are totals for all TACs that may affect the respiratory system. This incremental HI is essentially equal to the total for all TACs.

<sup>3</sup> Includes Bradley West Project (Taxiway S and ARFF demolition, both Bradley West Project construction and operation), 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 Replacement Program (CUP-RP), 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.

Source: CDM Smith, 2016.

### 4.3.2 Cumulative Chronic Non-Cancer Health Hazards

Acrolein is the TAC of concern that is responsible for the majority of all predicted chronic non-cancer health hazards associated with LAX operations. However, for the proposed Project construction, chronic non-cancer health hazards are primarily attributable to silicon and barium, and to a lesser extent chlorine, aluminum, nickel, cobalt, and manganese. In 2015, USEPA published an independent study of possible annual average air concentrations within the South Coast Air Basin associated with a variety of TAC, including acrolein, chlorine, and DPM (silicon and barium were not included).<sup>44</sup> These estimates provide a means for assessing cumulative chronic non-cancer health hazard impacts of operations in much the same manner as cumulative cancer risks were assessed using the MATES-IV results.

Within Los Angeles County, USEPA predictions<sup>45</sup> for annual average concentrations yield acrolein hazard indices by census tract ranging from 0.1 to 11, with an average of 2; DPM hazard indices ranging from 0.005 to 0.5, with an average of 0.1; and chlorine hazard indices ranging from 0.003 to 0.2, with an average of 0.06. Incremental hazard indices for the proposed Project (**Table 4-2**) were estimated to range from 0.003 to 0.5, all below the threshold of significance of one. Given the relatively small hazard indices associated with proposed Project emissions, the project is not expected to add significantly to cumulative chronic non-cancer health hazards.

<sup>44</sup> U.S. Environmental Protection Agency, *2011 National-Scale Air Toxics Assessment*, 2015, Available: <https://www.epa.gov/national-air-toxics-assessment/2011-national-air-toxics-assessment>.

<sup>45</sup> U.S. Environmental Protection Agency, *2011 National-Scale Air Toxics Assessment*, 2015, Available: <https://www.epa.gov/national-air-toxics-assessment/2011-national-air-toxics-assessment>.

Because of the substantial uncertainties associated with the USEPA estimates,<sup>46</sup> the cumulative analysis for chronic non-cancer health hazard impacts is semi-quantitative and based on a range of possible contributions. This cumulative analysis does not address the issue of potential interactions among acrolein and criteria pollutants. Such interactions cannot, at this time, be addressed in a quantitative fashion. A qualitative discussion of the issue is presented in the LAX Master Plan Final EIR<sup>47</sup> Technical Report S-9a, Section 7.

As discussed in the LAX Master Plan Final EIR<sup>48</sup> (Section 4.24.1.2), limited data are available for describing acrolein emissions. Therefore, estimates of chronic non-cancer health hazards are very uncertain. Chronic non-cancer health hazards associated with the proposed Project should only be used to provide a relative comparison to basin-wide conditions. These hazards should not be viewed as absolute estimates of potential health impacts. Moreover, USEPA's estimates are based on data from 2011 and are therefore several years old. Emissions from some important sources may have been reduced as a result of continuing efforts by SCAQMD and other agencies to improve air quality in the South Coast Air Basin. Finally, the estimates do not consider degradation of TAC in the atmosphere. Degradation may be very important for relatively reactive chemicals such as acrolein.

### 4.3.3 Cumulative Acute Non-Cancer Health Hazards

Acrolein, formaldehyde, and manganese are the primary TAC of concern in proposed Project emissions that might be present at concentrations approaching the threshold for acute non-cancer health hazards. Predicted concentrations of TAC released from construction activities estimate that acute non-cancer health hazards would be below the significance threshold of one.

The assessment of cumulative acute non-cancer health hazards follows the methods used to evaluate cumulative acute non-cancer health hazards presented in the LAX Master Plan Final EIR<sup>49</sup> (Section 4.24.1.7 and Technical Report S-9a, Section 6.3), incorporating updated National-Scale Air Toxics Assessment (NATA) tables from 2011. USEPA-modeled emission estimates by census tract were used to estimate annual average ambient air concentrations. These census tract emission estimates are subject to high uncertainty, and USEPA warns against using them to predict local concentrations. Thus, for the analysis of cumulative acute non-cancer health hazards, estimates for each census tract within Los Angeles County were identified, and the range of concentrations was used as an estimate of the possible range of annual average concentrations in the general vicinity of the airport. This range of concentrations was used to estimate a range of acute non-cancer hazard indices using the same methods as described in the LAX Master Plan Final EIR<sup>50</sup> (Section 4.24.1.7 and Technical Report S-9a, Section 6.1). The methodology entails converting the USEPA annual average estimates to maximum 1-hour average concentrations by dividing annual average estimates by 0.08<sup>51</sup>. Then the maximum 1-hour average concentrations were divided by the acute REL to calculate acute non-cancer hazard

<sup>46</sup> U.S. Environmental Protection Agency, 2011 National-Scale Air Toxics Assessment, 2015, Available: <https://www.epa.gov/national-air-toxics-assessment/2011-national-air-toxics-assessment>.

<sup>47</sup> City of Los Angeles, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements*, (SCH 1997061047), April 2004.

<sup>48</sup> City of Los Angeles, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements*, (SCH 1997061047), April 2004.

<sup>49</sup> City of Los Angeles, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements*, (SCH 1997061047), April 2004.

<sup>50</sup> City of Los Angeles, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements*, (SCH 1997061047), April 2004.

<sup>51</sup> California Air Resources Board, *HARP User Guide: Appendix H Recommendations for Estimating Concentrations of Longer Averaging Periods from the Maximum One-Hour Concentration for Screening Purposes*, December 2003, Available: <http://www.arb.ca.gov/toxics/harp/harpug.htm>.

indices. The range of hazard indices was then used as a basis for comparison with estimated maximum acute non-cancer health hazards for the proposed Project. The relative magnitude of acute non-cancer health hazards calculated on the basis of the USEPA estimates and maximum hazards estimated for the proposed Project were taken as a general measure of relative cumulative impacts. Emphasis must be placed on the relative nature of these estimates. Uncertainties in the analysis preclude estimation of absolute impacts.

When USEPA annual average estimates are converted to possible maximum 1-hour average concentrations, acrolein acute non-cancer hazard indices are estimated to range from 0.2 to 1.3, with an average of 0.4; formaldehyde acute non-cancer hazard indices are estimated to range from 0.3 to 0.7, with an average of 0.5; and manganese acute non-cancer hazard indices are estimated to range from 0.03 to 0.1, with an average of 0.06 for locations within the HHRA study area. Predicted overall maximum incremental acute non-cancer health hazards for the proposed Project associated with acrolein ranged from 0.000006 to 0.003; associated with formaldehyde ranged from 0.0008 to 0.2; and associated with manganese ranged from 0.003 to 1. Results suggest that the acute non-cancer health hazards for the proposed Project would not add significantly to total acute non-cancer health hazards. Therefore, cumulative acute non-cancer health hazards would not be cumulatively considerable.

#### 4.3.4 Conclusions

Although no defined thresholds for cumulative health risk impacts are available, it is the policy of the SCAQMD to use the same significance thresholds for cumulative impacts as for the project-specific impacts analyzed in the EIR.<sup>52</sup> If cumulative health risks are evaluated following this SCAQMD policy, the project's contribution to the cumulative cancer risk would be cumulatively considerable under the unmitigated construction scenario since the incremental cancer risk impacts of the proposed Project for more than one receptor under this scenario would be above the individual cancer risk significance thresholds of 10 in one million. However, the incremental cancer risk impacts of the proposed Project under mitigated construction, 2024 operations, and 2035 operations would be below the individual cancer risk significance threshold of 10 in one million and would not be cumulatively considerable.

In contrast to cancer risk, the SCAQMD policy does have different significance thresholds for project-specific and cumulative impacts for hazard indices for TAC emissions. A project-specific significance threshold is one (1.0) while the cumulative threshold is 3.0. Based on this SCAQMD policy, chronic non-cancer hazard indices associated with airport emissions under the proposed Project would not be cumulatively considerable.

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<sup>52</sup> South Coast Air Quality Management District, *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution*, Appendix D, August 2003.

## Section 5

### 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.<sup>53</sup> These same uncertainty considerations apply to the analyses presented in the proposed Project EIR. These uncertainties are briefly summarized below.

#### 5.1 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., project construction and future traffic 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.

In accordance with the Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments,<sup>54</sup> a simplification was made in the emissions modeling to model DPM and not the speciated emissions from diesel-fueled engines for the emission concentrations used in the evaluation of cancer risk or chronic non-cancer health impacts. According to the guidance, the inhalation cancer potency factor and chronic REL for DPM already account for inhalation impacts from speciated emissions from diesel-fueled engines. Therefore, this omission in the modeling is not expected to impact the results of the analysis.

#### 5.2 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.

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<sup>53</sup> City of Los Angeles, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements*, (SCH 1997061047), April 2004.

<sup>54</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

## 5.3 Uncertainties Associated with Exposure Parameter Assumptions

Evaluating human exposure requires many assumptions about how people actually contact chemicals in the environment. Key issues associated with exposure assessment are discussed below.

### 5.3.1 Uncertainties in Exposure Duration for Cancer Risks

In accordance with the latest CalEPA guidance<sup>55</sup>, an exposure duration of 30 years was used to estimate possible cancer risks associated with the proposed Project for the resident for the significance determination. 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. Further, this exposure duration assumes that construction emissions continue for a lifetime (6 years for a child and 64 years for an adult). In essence, SCAQMD assumes that person would constantly be exposed to emissions at the point of greatest impact for their entire lives. 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.

Although in this report, the 30-year residential scenario was used for the significance determination, the 70-year residential scenario was also calculated to determine cancer burden for evaluation of population-wide risks. These 70-year results are presented in Section 4.2 of this report. Varying exposure duration within a reasonable range for residents evaluated for the proposed Project would not materially affect conclusions about the cancer risk impact of the proposed Project. Conclusions regarding significance of cancer risk associated with the proposed Project would remain the same.

## 5.4 Uncertainties Associated with Toxicity Assessment

Quantitative evaluation of chemical toxicity requires assumptions to extrapolate toxicity information in the literature to possible impacts on people exposure to chemicals in the environment. Key assumptions are discussed briefly below.

### 5.4.1 Uncertainties Associated with Toxicity Criteria

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.

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<sup>55</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

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 health risk assessments.

#### 5.4.2 Uncertainties Associated with Unavailable Toxicity Values

1,2,4-trimethylbenzene; 2,2,4-trimethylpentane, cumene, cyclohexane, ethylene, naphthalene, n-hexane, isoprene, propionaldehyde, propylene, silicon, aluminum, antimony, barium, cadmium, hexavalent chromium, cobalt, lead, phosphorus, selenium, silver, thallium, zinc, and DPM do not have acute RELs that have been developed by OEHHA. However, cadmium and phosphorus have acute toxicity screening levels from the ATSDR in the form of published acute minimal risk levels (MRLs) for hazardous substances. MRLs were established to provide a screening tool for public health professionals to use to identify if potential human health hazards exist from contamination at hazardous waste sites. MRLs are often based on animal studies because relevant human studies are lacking. ATSDR assumes that humans are more sensitive than animals to the effects of hazardous substances and that certain persons may be particularly sensitive. Thus, ATSDR recommendations for MRLs may be as much as a hundred-fold below levels shown to be nontoxic in laboratory animals. This approach is conservative (i.e., protective) for public health. Acute inhalation MRLs for cadmium and phosphorus are  $0.03 \mu\text{g}/\text{m}^3$  and  $20 \mu\text{g}/\text{m}^3$ , respectively. These MRLs are below and above the acute MRL of acrolein ( $2.5 \mu\text{g}/\text{m}^3$ ), reflecting the relative toxicity of these chemicals to acrolein. The maximum estimated one-hour concentrations for phosphorus and cadmium for unmitigated construction were  $0.4 \mu\text{g}/\text{m}^3$  and  $0.007 \mu\text{g}/\text{m}^3$ . It's unlikely that acute non-cancer health hazards associated with these organic chemicals would rival acrolein, the risk driver for potential acute non-cancer health hazards from aircraft emissions. Lack of inclusion of these chemicals in the quantitative risk assessment is not expected to change the conclusions of the acute non-cancer health hazard evaluation.

Although DPM does not have an acute REL, several components of DPM (such as arsenic, chlorine, mercury, nickel, vanadium, and sulfates) were evaluated in the acute non-cancer health hazard analysis. As noted in Section 5.1, Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments<sup>56</sup> indicates that toxicity values for DPM were developed for whole diesel exhaust (gas and particulate matter). As such, DPM should be the only TAC considered in the calculation of cancer risks and chronic non-cancer health hazards for diesel engine emissions; speciated diesel exhaust components (e.g., PAHs, metals) should not be evaluated along with DPM. Studies used to support the DPM 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." DPM does not, however, have an acute REL. Therefore, in order to account for potential acute impacts from DPM, the speciated components of DPM (arsenic, chlorine, mercury, nickel, vanadium, and sulfates) were evaluated in the acute non-cancer health hazard analysis.

<sup>56</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

1,2,4-trimethylbenzene; 2,2,4-trimethylpentane, cumene, cyclohexane, ethylene, isoprene, naphthalene, n-hexane, propionaldehyde, propylene, silicon, aluminum, antimony, barium, cobalt, hexavalent chromium, lead, and selenium, silver, thallium, and zinc do not have acute toxicity values. Therefore, their potential impact on the conclusions of the acute risk evaluation is unknown.

## 5.5 Uncertainties in Risk Characterization

Combining estimates of exposure and toxicity to estimate risks and hazards to human health require the use of methods that simplify actual exposure. For the inhalation pathway, important issues for risk characterization are discussed below.

### 5.5.1 Uncertainties Associated with Elimination of Potentially Complete Exposure Pathways

The proposed Project HHRA evaluates the potential complete exposure pathway of direct inhalation of TAC released during construction of the proposed Project. However, other exposure pathways, such as exposure to TAC deposited onto soils, could also be important. For example, children might ingest TAC that deposited onto soil through hand-to-mouth activity during outdoor play, or residents who have gardens could ingest TAC taken up from soil into plants. For the proposed Project HHRA, based on the multi-pathway screening analysis in the LAX Master Plan Final EIR and other airport HHRAs, inhalation of TAC was identified as the primary exposure pathway, and exposures and risks from inhalation of TAC 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 TAC onto soils over time. In the second screening step, concentrations of TAC 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 TAC from airport construction 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 TAC in soil were not further evaluated.

### 5.5.2 Uncertainties Associated with Different Methodology from Previous LAX EIRs

Cancer risks for significance determination were evaluated in this report using the Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments<sup>57</sup> methodology. The human health risk analyses for previous tiered LAX EIRs followed either RAGS Part F or RAGS Part A methodology. OEHHA's new methodology uses higher estimates of cancer potency during early life exposure, thereby, resulting in higher calculated risks than risks calculated using previous RAGS methodologies for the same TAC concentrations.

In addition, the recommended exposure parameters in OEHHA's new methodology differ from the parameters used in previously conducted human health risk analyses conducted for previous tiered

<sup>57</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Information and Assessment Act of 1987, Section 44300*; California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

LAX EIRS. For example, the risk analyses in previous EIRs used an exposure duration of 6 years for a child resident, 6 years for a school child, and 40 years for an off-site worker. In this risk analyses, the exposure durations used were for 9 years for a child resident, 12 years for a school child, and 25 years for an off-site worker. For the child resident and school child, the exposure durations are longer, thus calculated risks using these longer exposure durations would be more conservative than previous methods using the shorter exposure durations. For the off-site worker, the exposure duration used with OEHHA's new methodology is shorter than the exposure duration used with the previous methodologies. To assess the potential impact of this difference, this alternate exposure duration was also evaluated using the RAGS Part F methodology.

Results for cancer risks calculated using RAGS, Part F methodology are presented in discussions of uncertainties to enable the results of LAX Landside Access Modernization Program to be compared with previously conducted analyses at LAX. Results are shown in **Table 5-1**. Equations for the RAGS, Part F methodology and calculations are provided in Attachment 3. As seen in the table, cancer risks calculated using RAGS F methodology are up to 40 times less than those calculated for the significance determination.

**Table 5-1 Incremental Cancer Risks for Maximally Exposed Individuals<sup>1</sup> from Project Construction and Operation Using RAGS Part F Methodology**

Receptor Type	Incremental Cancer Risks <sup>2</sup> (per million people)			
	Construction		Operation	
	Unmitigated	Mitigated	2024 With Project vs. 2024 Without Project	2035 With Project vs. 2035 Without Project
Adult Resident, 70 years	2	4	5	4
Adult Resident, 30 years	2	2	2	2
Child Resident, 9 years	2	0.5	0.6	0.6
School Child, 12 years	0.4	0.2	0.2	0.1
Adult Worker, 25 years	1	0.5	0.2	0.2
Adult Worker, 40 years	1	0.7	0.3	0.3

Notes:

<sup>1</sup> Cancer risks in this table were calculated at the same grid locations as the results presented in Table 4-3.

<sup>2</sup> Cancer risk values provided are changes in the number of cancer cases per million people. Values greater than the threshold are in bold.

Source: CDM Smith, 2016.

### 5.5.3 Uncertainties Associated with Additional Scenarios

For disclosure purposes, the following additional scenarios are evaluated and presented.

- 2024 With Project vs. 2015 Baseline for Project operations
- 2024 Without Project vs. 2015 Baseline for Project operations
- 2035 With Project vs. 2015 Baseline for Project operations
- 2035 Without Project vs. 2015 Baseline for Project operations

Results are shown in Table 5-2. These scenarios were not used for a significance determination, but are provided for risk management.

**Table 5-2 Incremental Cancer Risks and Chronic Non-Cancer Human Health Hazards for Maximally Exposed Individuals from Project Operation Additional Scenarios**

Incremental Cancer Risks <sup>1</sup> (per million people)				
Receptor Type	2024 Without Project vs. 2015 Baseline	2024 With Project vs. 2015 Baseline	2035 Without Project vs. 2015 Baseline	2035 With Project vs. 2015 Baseline
Adult Resident, 70 years	-3400	-1700	-3400	-3200
Adult Resident, 30 years	-3000	-1300	-3000	-2800
Child Resident, 9 years	-2100	-500	-2100	-2000
School Child, 12 years	-800	-300	-900	-700
Adult Worker, 25 years	-200	-200	-200	-200
Incremental Non-Cancer Chronic Hazards <sup>2</sup>				
Receptor Type	2024 Without Project vs. 2015 Baseline	2024 With Project vs. 2015 Baseline	2035 Without Project vs. 2015 Baseline	2035 With Project vs. 2015 Baseline
Residential	-3	-0.01	-3	-3
Commercial	-3	-0.01	-3	-3

Notes:

<sup>1</sup> Values provided are changes in the number of cancer cases per million people. Values have rounded to the nearest hundred. Negative values indicate a beneficial impact.

<sup>2</sup> Hazard indices are totals for all TACs that may affect the respiratory system. This incremental HI is essentially equal to the total for all TACs. Negative values indicate a beneficial impact.

Source: CDM Smith, 2016.

Existing emissions and dispersion of TAC from LAX operations were used as a baseline to estimate the impact of anticipated increases in future airport activity. Incremental impacts to human health were assessed by comparing health risks and hazards associated with Project scenarios to baseline conditions. If risks or hazards associated with the Project were estimated to be higher than risks or hazards associated with baseline conditions, the difference in risks or hazard would represent an incremental increase in possible health impacts. If the opposite were found (i.e., the value was negative), the difference in risks or hazard would represent an incremental beneficial impact.

All of the values in **Table 5-2** are negative indicating that beneficial impacts are calculated for the cancer risks and non-cancer hazards when both With Project and Without Project scenarios are compared to the 2015 baseline. Negative values indicate that future operations would result in decreases of important TAC concentrations (most notably diesel particulate matter), which thereby would result in decreases in cancer risk estimates and beneficial impacts for residents when compared to 2015 baseline impacts. Estimated incremental cancer risks are higher (in this case, more negative) for adults than for children, because exposure duration for adults is longer (i.e., adults will experience a greater beneficial impact).

Although an increase in mobile sources along with population growth in the future is expected, currently adopted emission standards for mobile sources will tend to push TAC emissions, including emissions of DPM, downward in the future.

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## Section 6

### Summary

The HHRA addressed possible incremental health impacts associated with construction of the proposed Project. The evaluation assessed cancer risks, chronic non-cancer health hazards, and acute non-cancer health hazards. The text below summarizes conclusions regarding significant human health impacts .

- Incremental cancer risks associated with construction of the proposed Project are anticipated to be above the threshold of significance of 10 in one million for child resident, school child, and adult resident, and below the threshold of significance for adult worker under the unmitigated scenario. Under the mitigated scenario, incremental cancer risks associated with construction of the proposed Project are anticipated to be below the threshold of significance for all receptors<sup>58</sup>.
- Incremental cancer risks associated with operation of the proposed Project for 2024 Project vs. 2024 Without Project would be below the threshold of significance of 10 in one million for all receptor types (i.e., child resident, school child, adult resident, and adult worker) within the study area. Incremental cancer risks associated with operation of the proposed Project for 2035 With Project vs. 2035 Without Project would be below the threshold of significance of 10 in one million for all receptor types within the study area.
- Project-related population risks for 70-year residents for construction impacts associated with the proposed Project within the zone of impact of 1 in a million ( $10^{-6}$ ) would be below the threshold of significance of 0.5. Project-related population risks for 70-year residents for operations associated with the proposed Project within the zone of impact of  $10^{-6}$  would be below the threshold of significance of 0.5.
- Since cancer burden is less than the level of significance, impact of operations above is not anticipated to result in a spatially important impact. Thus, overall conclusion for cancer risk evaluation is that impacts to off-site receptors for cancer risks are not significant. Incremental chronic non-cancer hazard indices associated with unmitigated and mitigated construction and operation of the proposed Project are anticipated to be below the threshold of significance for all receptor types (i.e., child resident, school child, adult resident, and adult worker). Incremental chronic non-cancer hazard indices indicate that impacts from construction and operations would be less than significant.
- Incremental acute non-cancer hazard indices would be equal to or below the threshold of significance of 1 at all locations of modeled peak TAC concentrations for unmitigated and mitigated construction and operation of the proposed Project. Incremental acute non-cancer hazard indices indicate that impacts would not be significant.

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<sup>58</sup> After incorporation of LAWA's commitment to a mitigation program that will result in 40 percent of the off-road construction equipment used on the project meeting Tier 4 Final standards, 40 percent meeting Tier 4 Interim Standards, and the remaining 20 percent meeting Tier 3 standards – with 50 percent of Tier 3 compliant equipment installed with Level 3 VDECS particulate filters. Applying these mitigation assumptions to the construction health risk impacts would reduce the child resident cancer risk to approximately 9 per million, below the 10 per million significance threshold.

- Estimated maximum air concentrations for all TAC evaluated on the proposed Project site would not exceed PEL-TWA for Project construction workers. Therefore, health impacts to on-airport/on-site workers would be less than significant.
- From a cumulative standpoint, chronic non-cancer health hazards and acute non-cancer health hazards from the proposed Project construction would likely contribute negligibly to the risks and hazards from emissions for anticipated concurrent construction projects at LAX. Since it is the policy of the SCAQMD to use the same significance thresholds for cumulative impacts as for the project-specific impacts analyzed in the EIR, the project's contribution to the cumulative cancer risk would be cumulatively considerable since the incremental cancer risk impacts of the proposed Project for more than one receptor under unmitigated construction would be above the individual cancer risk significance threshold of 10 in one million. However, cancer burden analysis indicates that overall impacts of cancer risk are less than significant. In addition, the incremental cancer risk impacts of the proposed Project for all receptors under mitigated construction, 2024 operations, and 2035 operations would be below the individual cancer risk significance threshold of 10 in one million.
- Estimated cumulative risks and hazards from emissions for concurrent construction projects at LAX would not be measurable in collected cancer statistics against urban background conditions in the South Coast Air Basin.

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## Attachment 1

# Cancer Risk and Chronic Non-Cancer Health Hazard Calculations by 2015 OEHHA Methodology



## Attachment 2

# Acute Non-Cancer Health Hazard Calculations



## Attachment 3

# Cancer Risk and Chronic Non-Cancer Health Hazard Calculations by RAGS Part F Methodology

In 2009, the EPA released the RAGS, Part F<sup>59</sup> (hereafter referred to as RAGS Part F). This guidance recommends that inhalation dosimetry methodology be used to calculate inhalation exposures. In this approach, the concentration of the chemical in air is the exposure metric (e.g., milligrams per cubic meter, mg/m<sup>3</sup>), and risks are estimated using a unit risk that predicts cancer risk for each mg/m<sup>3</sup>. Inhalation rate and body weight are no longer used in the calculations. RAGS Part F methodology is currently used exclusively by USEPA for calculating risks and hazards for the inhalation pathway and has become universally applied within the United States.

RAGS Part 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:<sup>60</sup>

$$EC = (CA \times ET \times EF \times ED) / AT$$

Where: EC = exposure concentration (µg/m<sup>3</sup>)

CA = chemical concentration in air (µg/m<sup>3</sup>)

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)

Averaging time for estimation of cancer risk is 70 years or 25,550 days. Cancer risk is evaluated as the LADD according to CalEPA and USEPA guidance. Averaging time for estimation of non-cancer health hazards is the duration of exposure, expressed in days. Non-cancer health hazards are evaluated as average daily dose (ADD) over the period of exposure, again, following CalEPA and USEPA guidance.

Cancer risks and the non-cancer health hazards are then calculated using the following formulas:<sup>61</sup>

$$\text{Risk} = \text{IUR} \times \text{EC}$$

<sup>59</sup> U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, *Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment)*, Final, EPA-540-R-070-002, OSWER 9285.7-82, January 2009.

<sup>60</sup> U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, *Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment)*, Final, EPA-540-R-070-002, OSWER 9285.7-82, January 2009.

<sup>61</sup> U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, *Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment)*, Final, EPA-540-R-070-002, OSWER 9285.7-82, January 2009.

HQ	=	EC / (RfC x 1000 µg/mg)
Where: IUR	=	inhalation unit risk (µg/m <sup>3</sup> ) <sup>-1</sup>
EC	=	exposure concentration (µg/m <sup>3</sup> )
HQ	=	hazard quotient
RfC	=	reference concentration (mg/m <sup>3</sup> )

Assessment of potential chronic human health impacts due to release of TAC associated with the proposed Project assumes that exposure concentrations of TAC are constant over a 70-year period for residential receptors. For this analysis, chemical concentrations, C, from construction are assumed to continue for 14 years. For the remaining 56 years of a 70 year lifetime, construction emissions were assumed to be zero. Risk estimates using these predicted TAC concentrations were based locations where construction impacts were likely to be maximal. Such risk estimates overestimate risks for most people living, working or attending school near LAX. This conservatism (protection) is built into the risk assessment developed for the proposed Project to help counter any future changes in Project construction that cannot now be anticipated quantitatively.

Exposure parameters used to calculate LADD and ADD for all receptors for the inhalation pathway are summarized in **Table A3--1**. Exposure parameters are based on CalEPA Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities,<sup>62</sup> USEPA Exposure Factors Handbook,<sup>63</sup> and CalEPA Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments.<sup>64</sup> Although USEPA has recently released another version of the Exposure Factors Handbook<sup>65</sup> that updates some of the recommended exposure parameters, the exposure parameters in **Table A3-1** were selected to maintain consistency with the health risk analyses conducted for the LAX Master Plan Final EIR,<sup>66</sup> the SAIP EIR,<sup>67</sup> the CFTP EIR,<sup>68</sup> the Bradley West Project EIR,<sup>69</sup> and the SPAS EIR.

<sup>62</sup> California Environmental Protection Agency, Department of Toxic Substances Control, *Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities*, corrected and reprinted August 1996.

<sup>63</sup> U.S. Environmental Protection Agency, *Exposure Factors Handbook*, USEPA/600/R-090/052F, September 2011.

<sup>64</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

<sup>65</sup> U.S. Environmental Protection Agency, *Exposure Factors Handbook*, EPA/600/R-090/052F, September 2011.

<sup>66</sup> City of Los Angeles, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements*, (SCH 1997061047), April 2004.

<sup>67</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) South Airfield Improvement Project*, (SCH 2004081039), October 2005.

<sup>68</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Crossfield Taxiway Project*, (SCH 2008041058), January 2009.

<sup>69</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Bradley West Project*, (SCH 2008121080), September 2009.

**Table A3-1 Parameters Used to Estimate Exposures to TAC of Concern**

Exposure Pathway Parameters for Inhalation of Particulates and Gases	Off-Airport Receptors			
	Off-Site Residents		Off-Site School Child	Off-Site Worker
	Adult	Child		
Exposure Frequency (days/yr)	350 <sup>1,3</sup>	350 <sup>1,3</sup>	200 <sup>4</sup>	245 <sup>1</sup>
Exposure Duration (years)	70 <sup>1,5</sup>	6 <sup>2</sup>	6 <sup>4</sup>	40 <sup>1</sup>
Exposure Time (hrs/day)	24 <sup>7</sup>	24 <sup>7</sup>	8 <sup>7</sup>	10 <sup>7</sup>
Averaging Time - Non-cancer (days)	25,550 <sup>1,6</sup>	2,190 <sup>6</sup>	2,190 <sup>6</sup>	14,600 <sup>6</sup>
Averaging Time - Cancer (days)	25,550 <sup>1,6</sup>	25,550 <sup>1,6</sup>	25,550 <sup>1,6</sup>	25,550 <sup>1,6</sup>

Notes:

<sup>1</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

<sup>2</sup> U.S. Environmental Protection Agency, *Exposure Factors Handbook*, USEPA/600/R-090/052F, September 2011.

<sup>3</sup> U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, *Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual, Supplemental Guidance, Standard Default Exposure Factors*, March 1991.

<sup>4</sup> Site-specific.

<sup>5</sup> 70 year exposure duration was used as basis for determining significance.

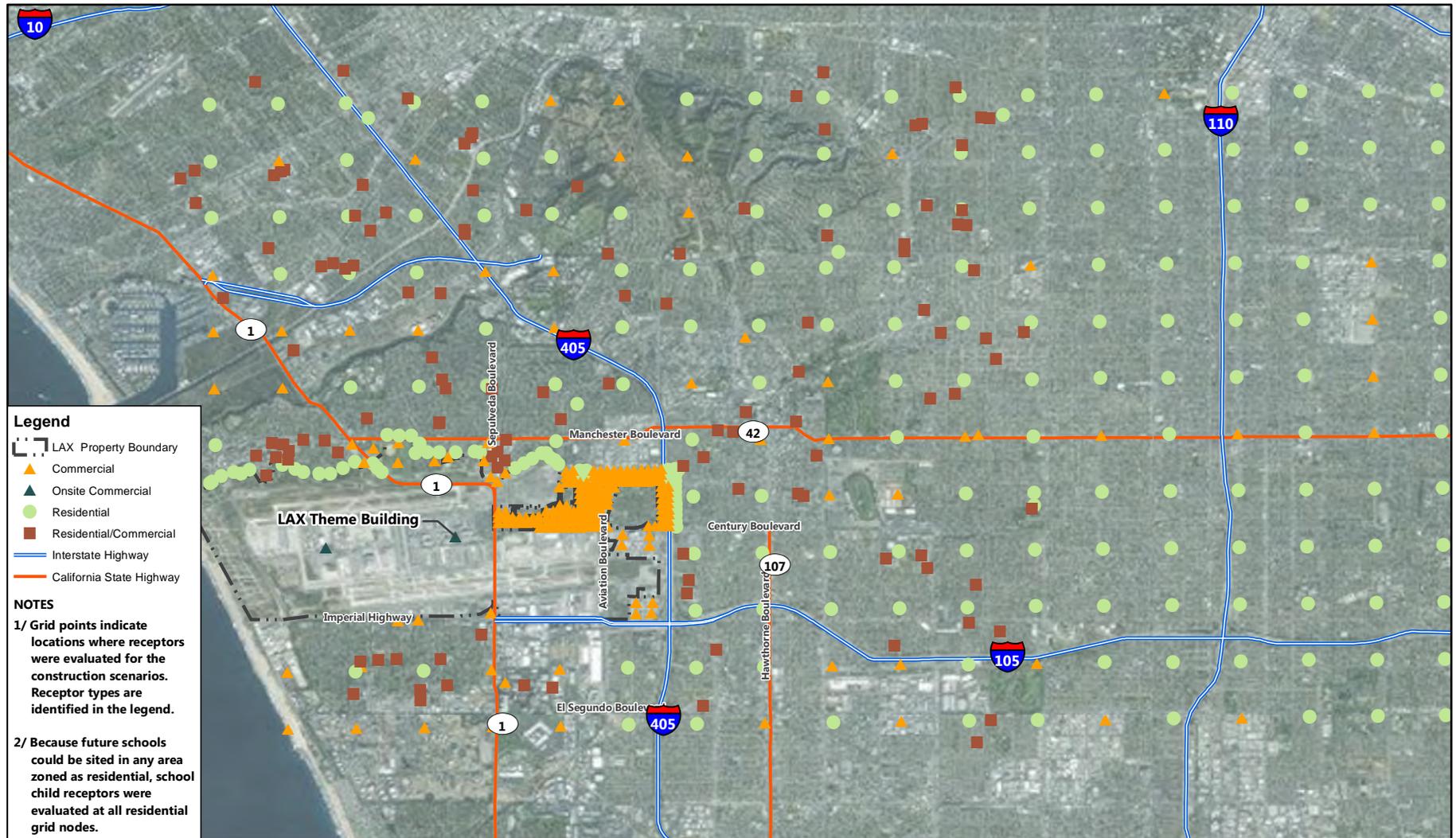
<sup>6</sup> U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, *Risk Assessment Guidance for Superfund, Volume I Human Health Evaluation Manual (Part A) Interim Final*, USEPA/540/1-89/002, December 1989.

<sup>7</sup> Professional judgment.

Source: CDM Smith 2013

The equation for the RAGS Part F methodology requires exposure time, an exposure parameter that was not previously defined for the LAX Master Plan EIS/EIR and other tiered LAX EIRs (SAIP EIR, CFTP EIR, Bradley West Project EIR, and CUP-RP EIR) because it was not required for the RAGS, Part A methodology (hereafter referred to as RAGS Part A).<sup>70</sup> For exposure time, assumptions adopted for the SPAS EIR were used. Residents were assumed to be exposed 24 hours a day. A school child was assumed to be exposed eight hours per day to account for six hours of school instruction and two hours of after-school activities. An adult worker was assumed to be exposed 10 hours per day.

<sup>70</sup> In the LAX Master Plan EIS/EIR and other tiered LAX EIRs (SAIP EIR, CFTP EIR, Bradley West Project EIR, and CUP-RP EIR), average long-term daily intakes were used to estimate risk and hazards for cancer and non-cancer risk assessment in accordance with RAGS Part A. Since RAGS Part F was released in 2009, RAGS Part A methodology is considered obsolete, tends to be overly conservative, and overestimates risk. (CDM Smith, 2013. Memorandum to Lisa Trifiletti - LAWA, Subject: West Aircraft Maintenance Area (WAMA) Human Health Risk Assessment (HHRA) - Risk Assessment Guidance for Superfund (RAGS), Part A, August 28, 2013.)

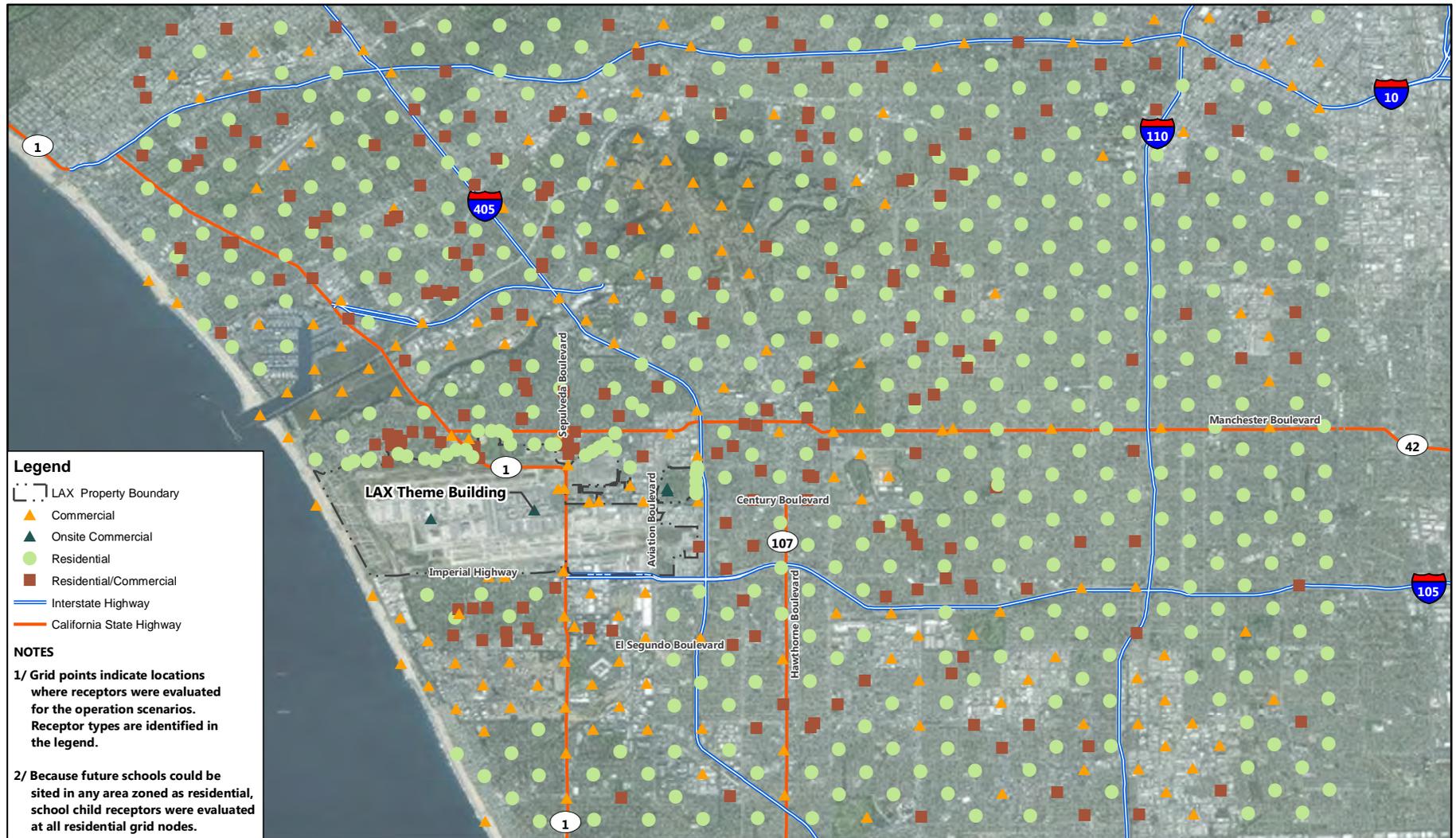


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-1A**



Construction Grid Point Locations

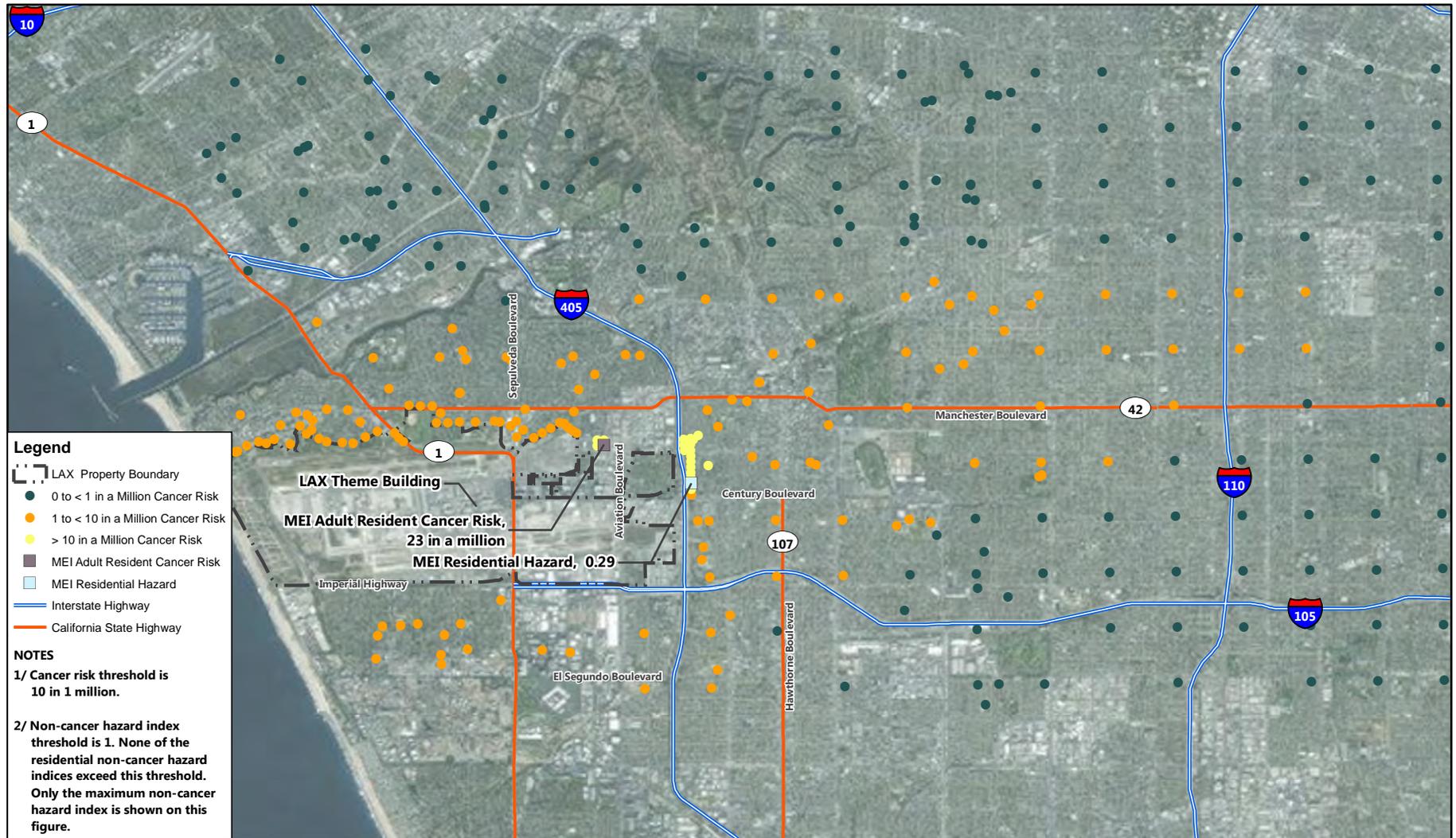


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-1B**



Operation Grid Point Locations

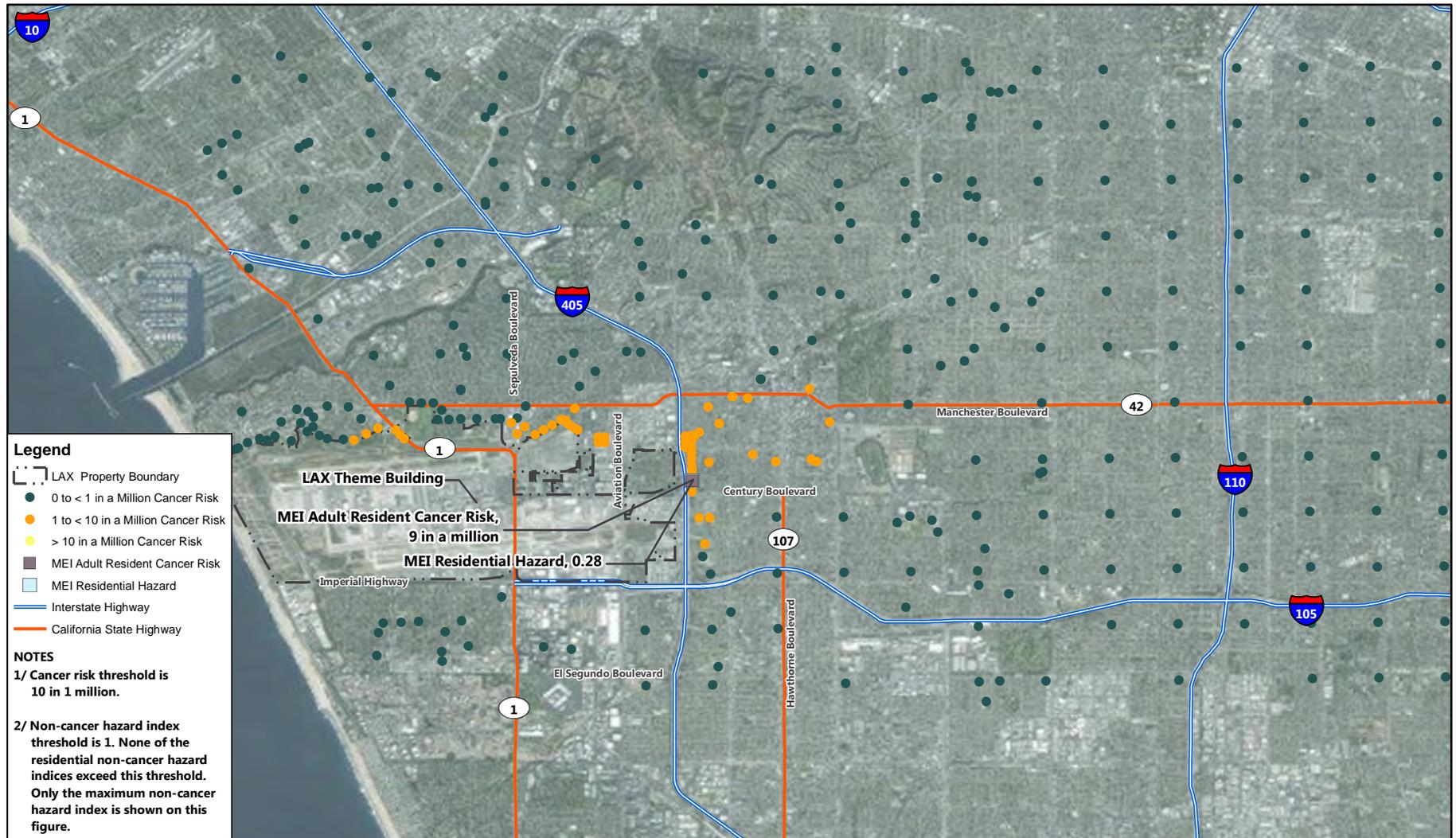


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-2A**



Construction Unmitigated –  
 30-year Adult Residential Incremental Cancer Risk

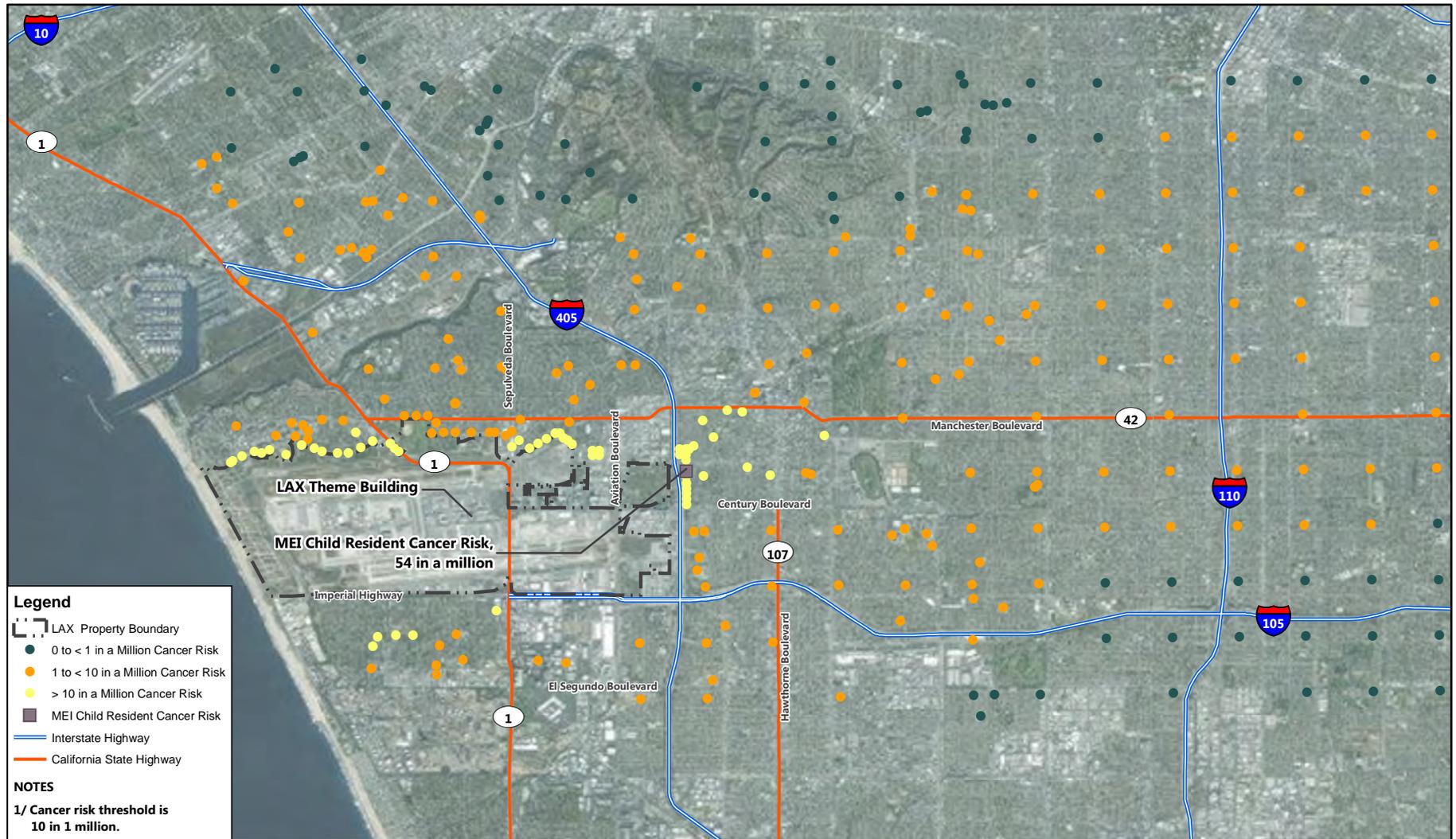


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-2B**



Post-Mitigation Construction -  
 30-year Adult Residential Incremental Cancer Risk

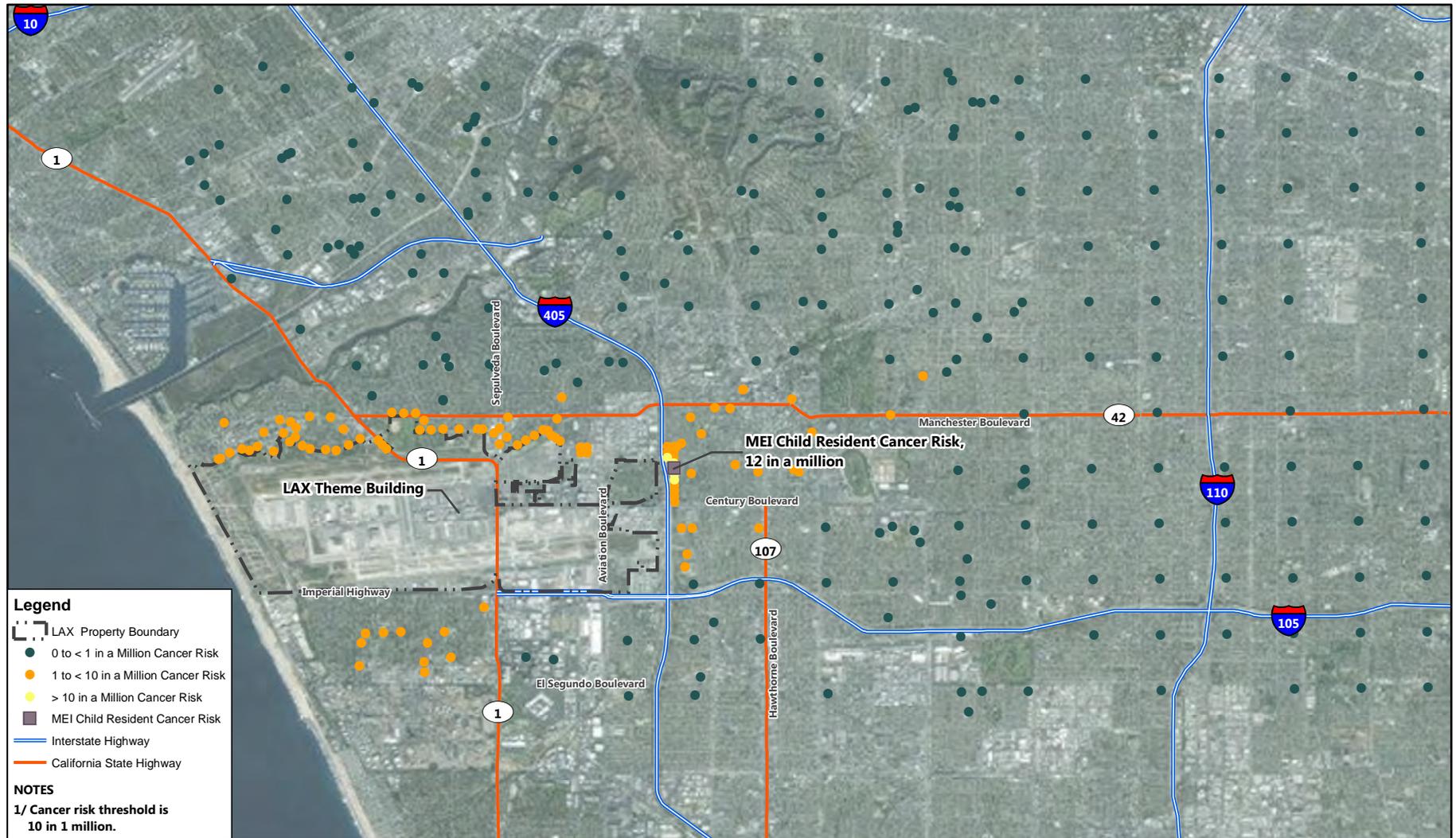


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-2C**



Construction Unmitigated –  
 9-year Child Residential Incremental Cancer Risk

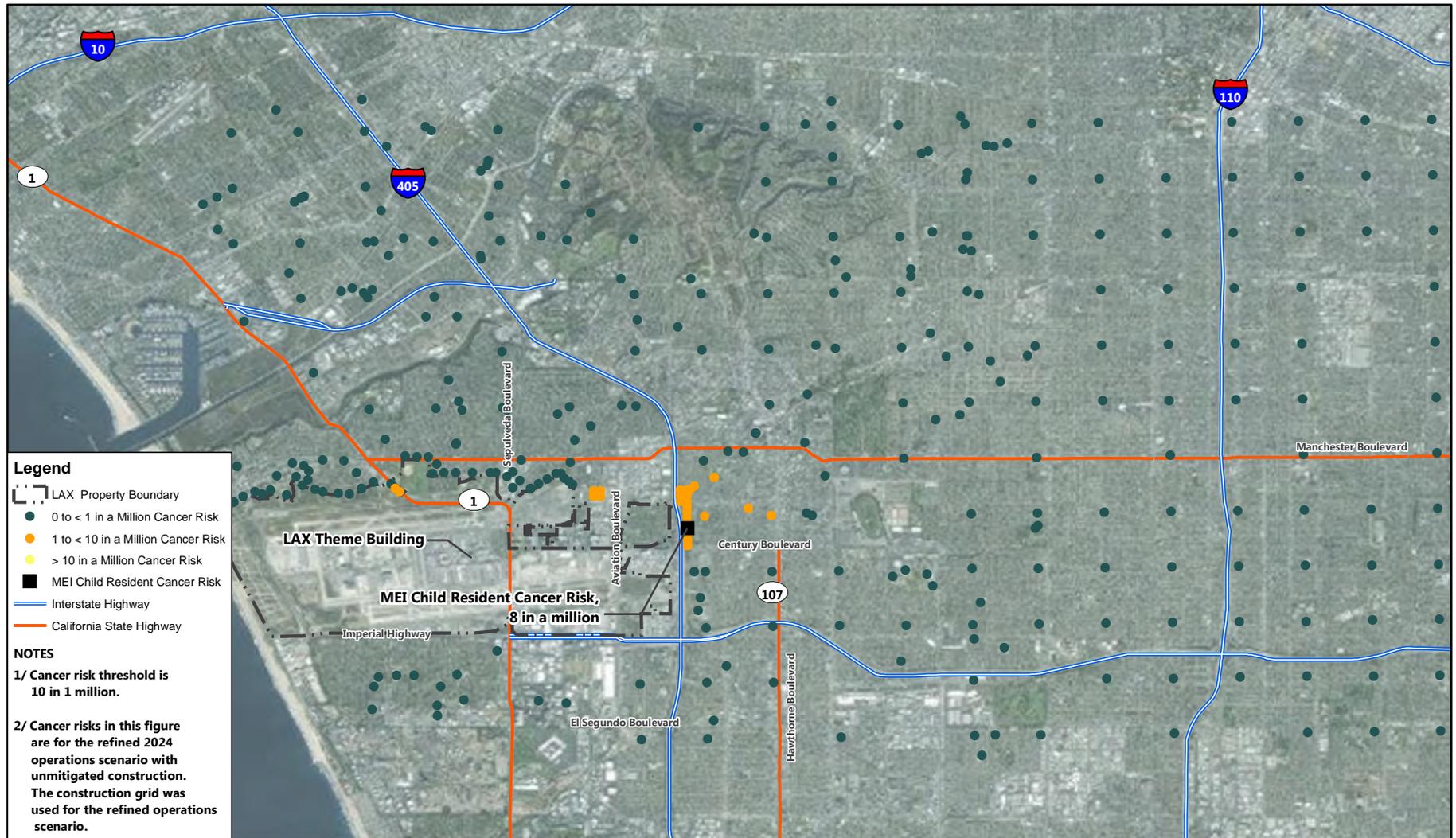


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-2D**



Post-Mitigation Construction -  
 9-year Child Residential Incremental Cancer Risk



**Legend**

- LAX Property Boundary
- 0 to < 1 in a Million Cancer Risk
- 1 to < 10 in a Million Cancer Risk
- > 10 in a Million Cancer Risk
- MEI Child Resident Cancer Risk
- Interstate Highway
- California State Highway

**NOTES**

1/ Cancer risk threshold is 10 in 1 million.

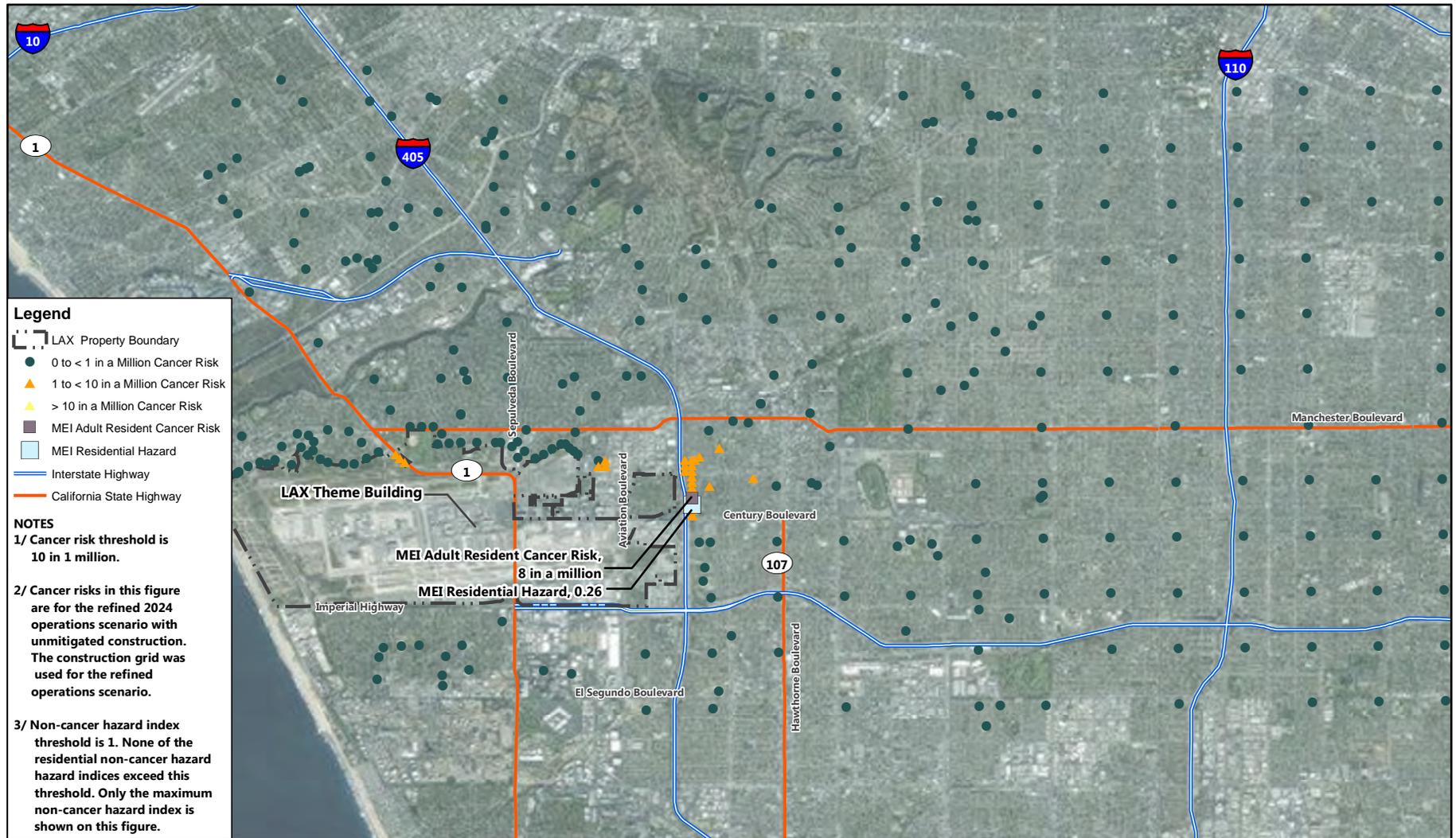
2/ Cancer risks in this figure are for the refined 2024 operations scenario with unmitigated construction. The construction grid was used for the refined operations scenario.

SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-3A**



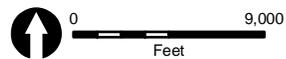
2024 Future With Project Scenario vs. 2024 Future Without Project Scenario – Refined Scenario - 9-year Child Residential Incremental Cancer Risk

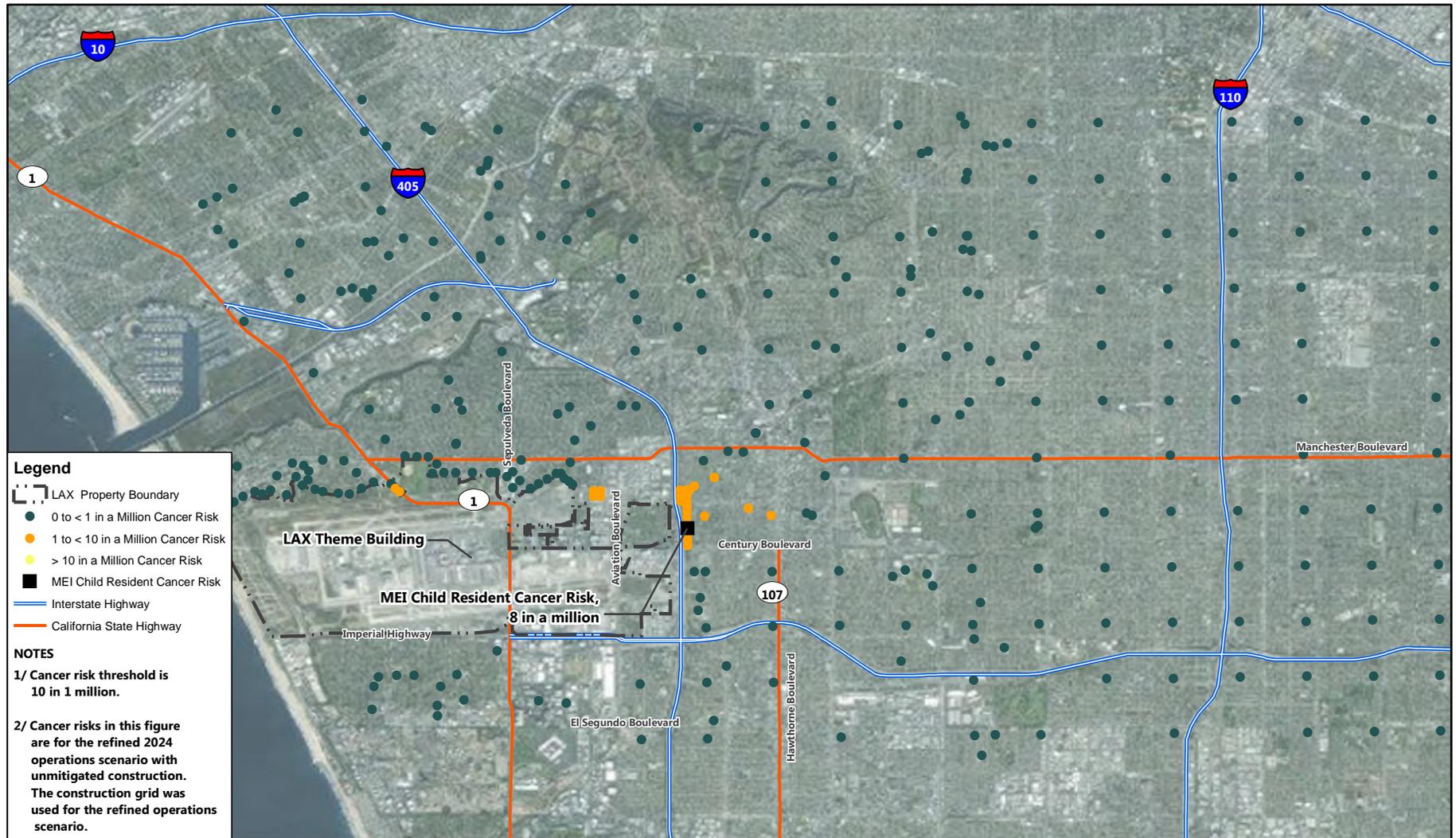


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-3A**

2024 Future With Project Scenario vs. 2024 Future Without Project Scenario – Refined Scenario - 30-year Adult Residential Incremental Cancer Risk



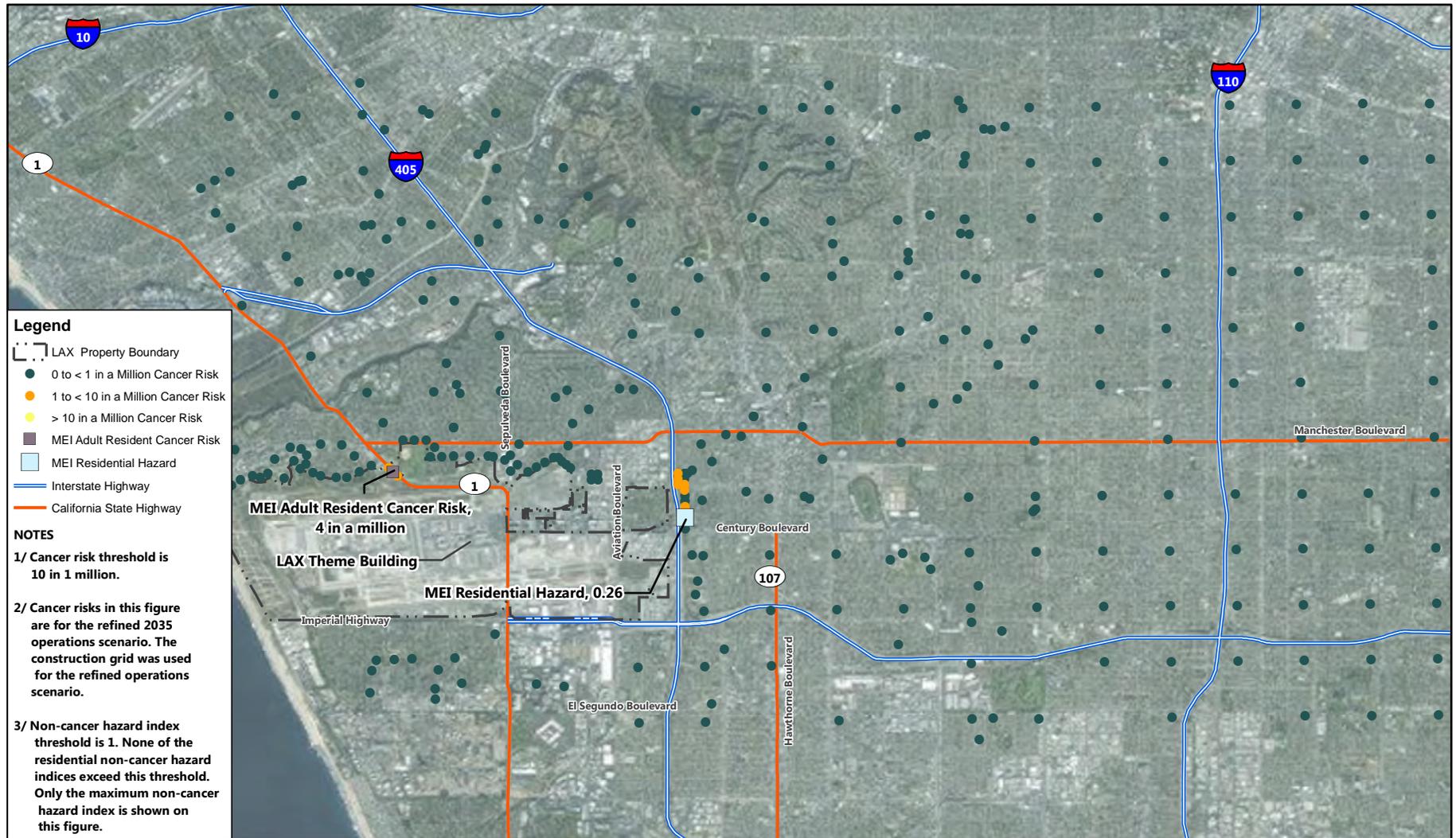


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-3B**



2024 Future With Project Scenario vs. 2024 Future Without Project Scenario – Refined Scenario - 9-year Child Residential Incremental Cancer Risk

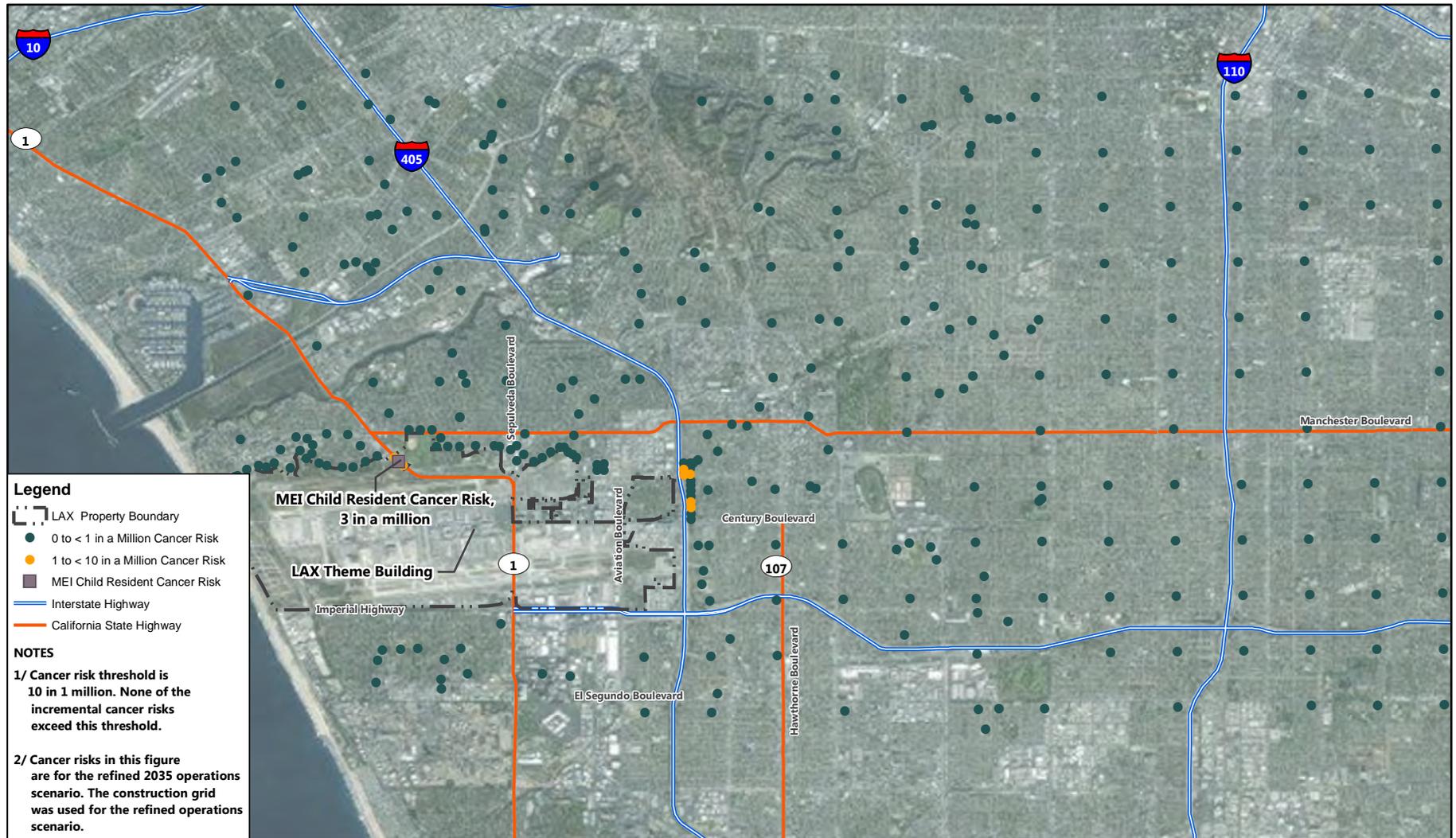


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-3C**

2035 Future With Project Scenario vs. 2035 Future Without Project Scenario - Refined Scenario - 30-year Adult Residential Incremental Cancer Risk



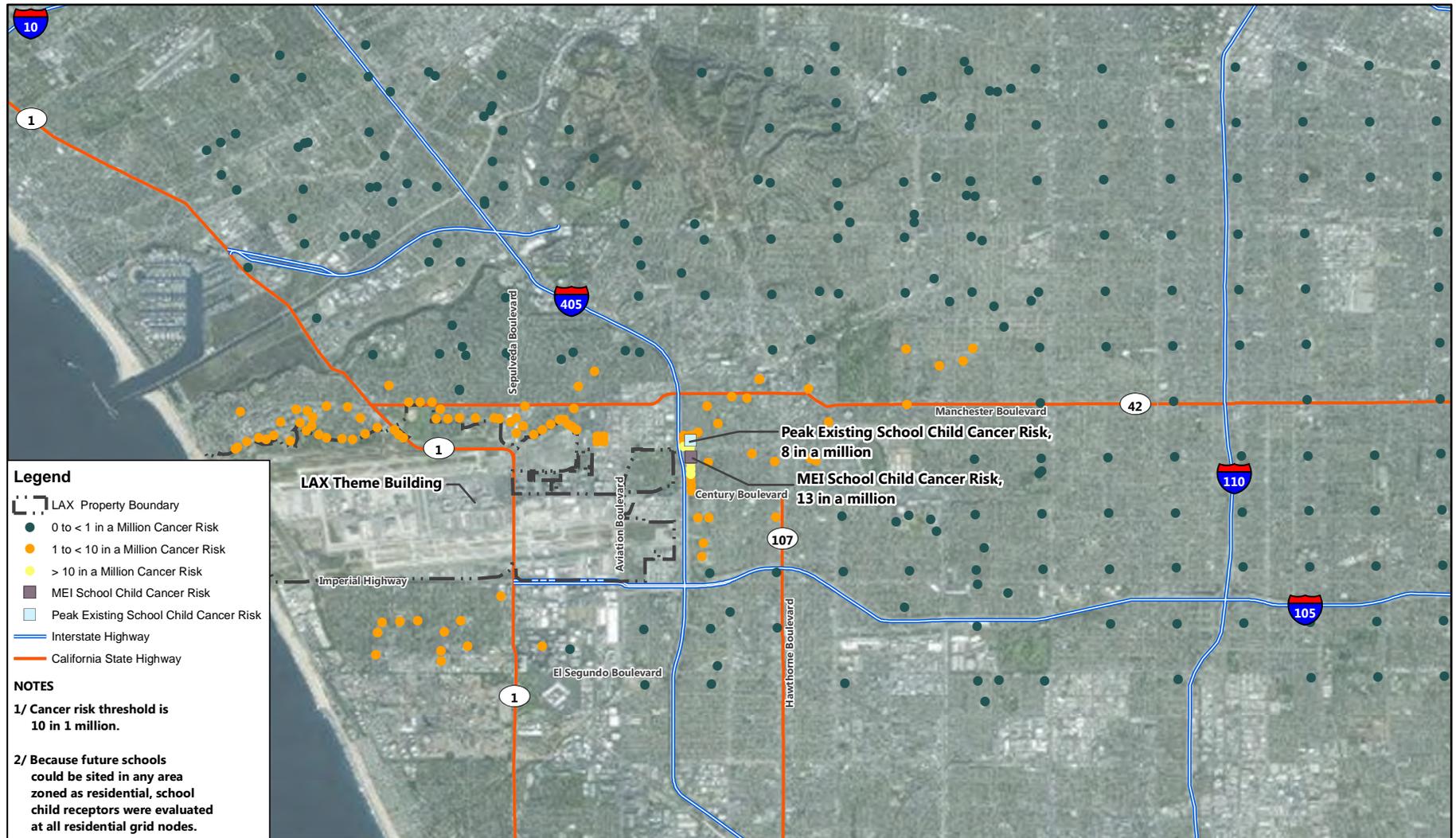


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-3D**



2035 Future With Project Scenario vs. 2035 Future Without Project Scenario - Refined Scenario - 9-year Child Residential Incremental Cancer Risk

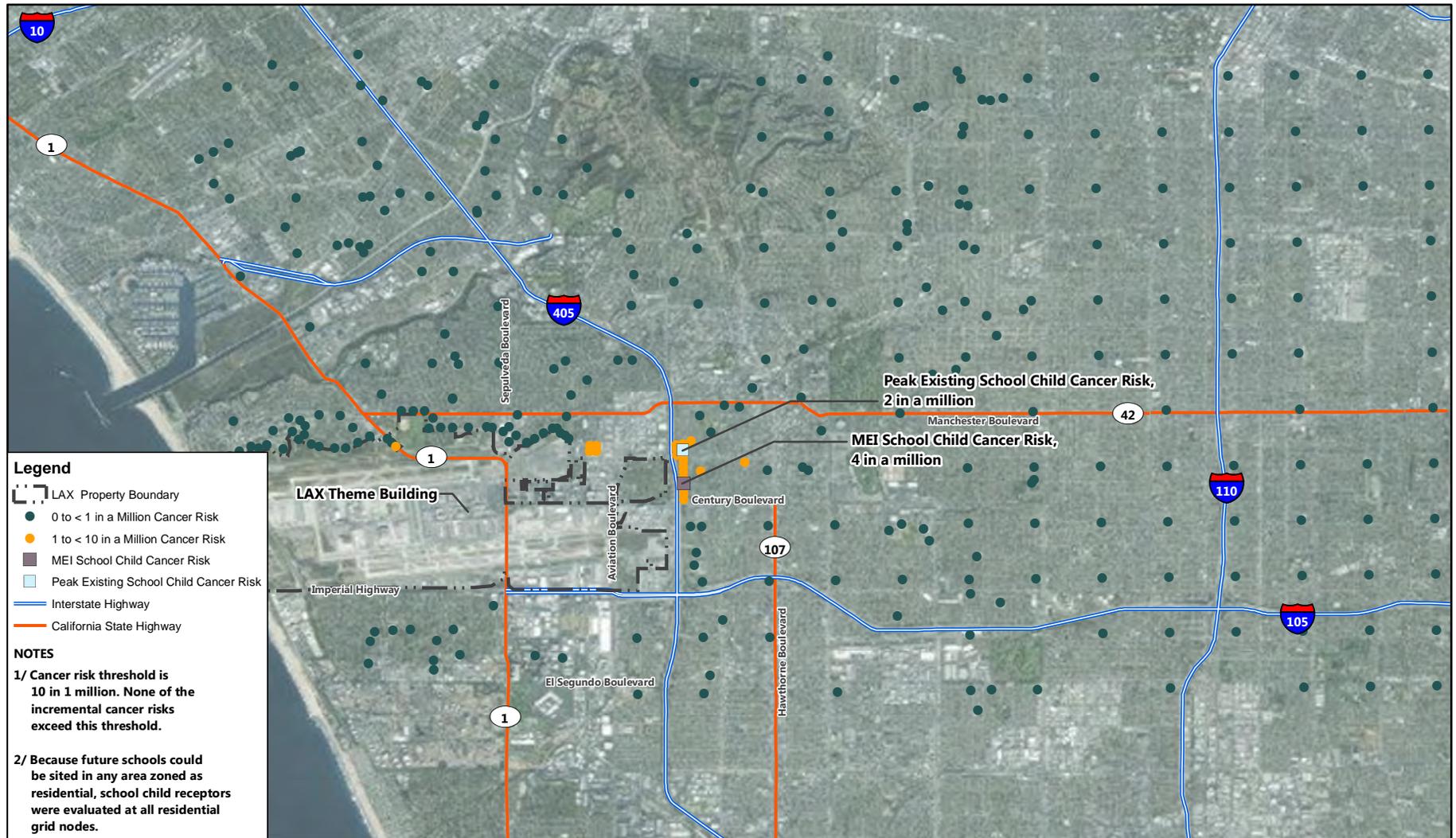


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-4A**



Construction Unmitigated –  
 12-year School Child Incremental Cancer Risk

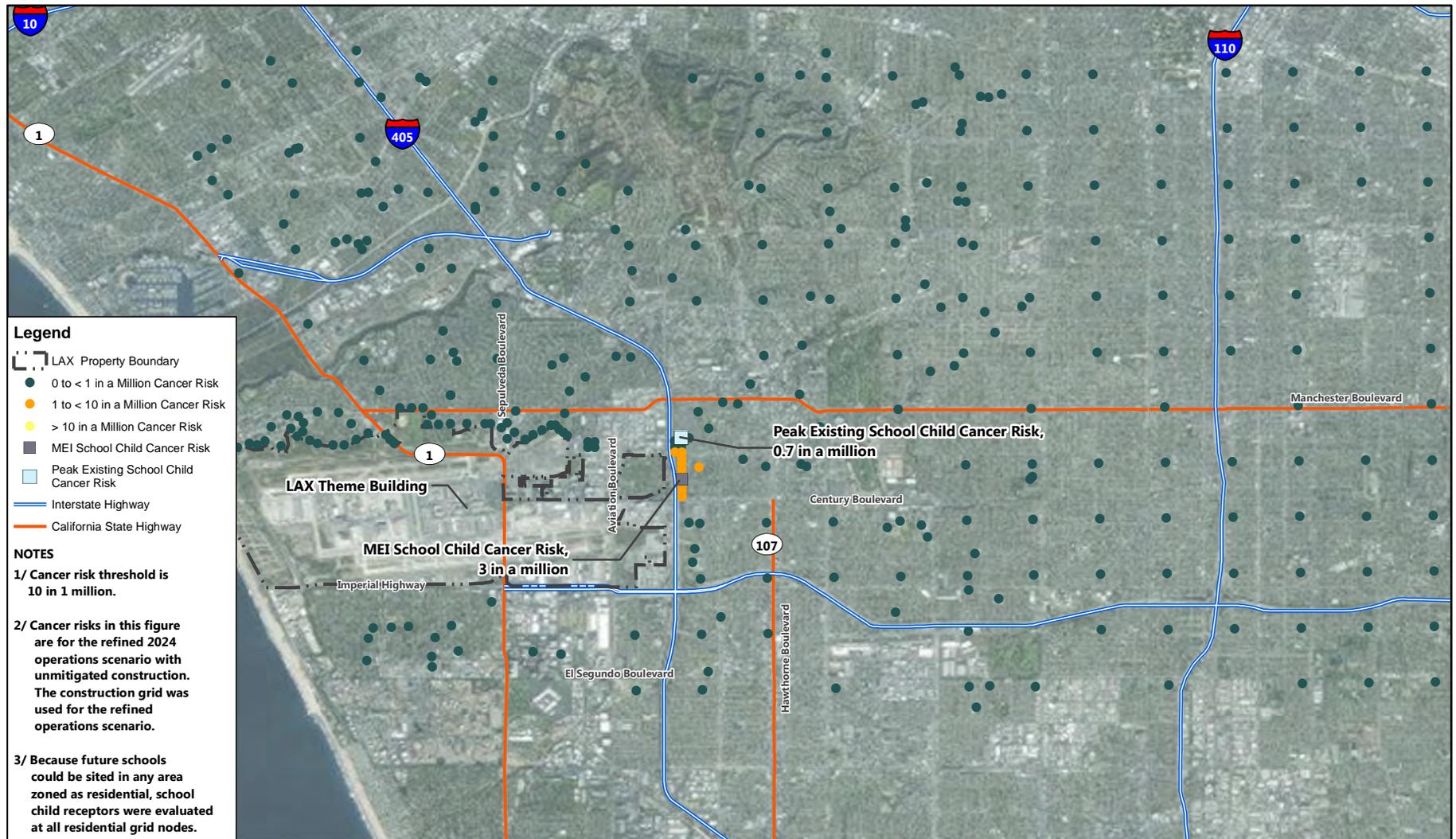


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-4B**



Post-Mitigation Construction -  
 12-year School Child Incremental Cancer Risk

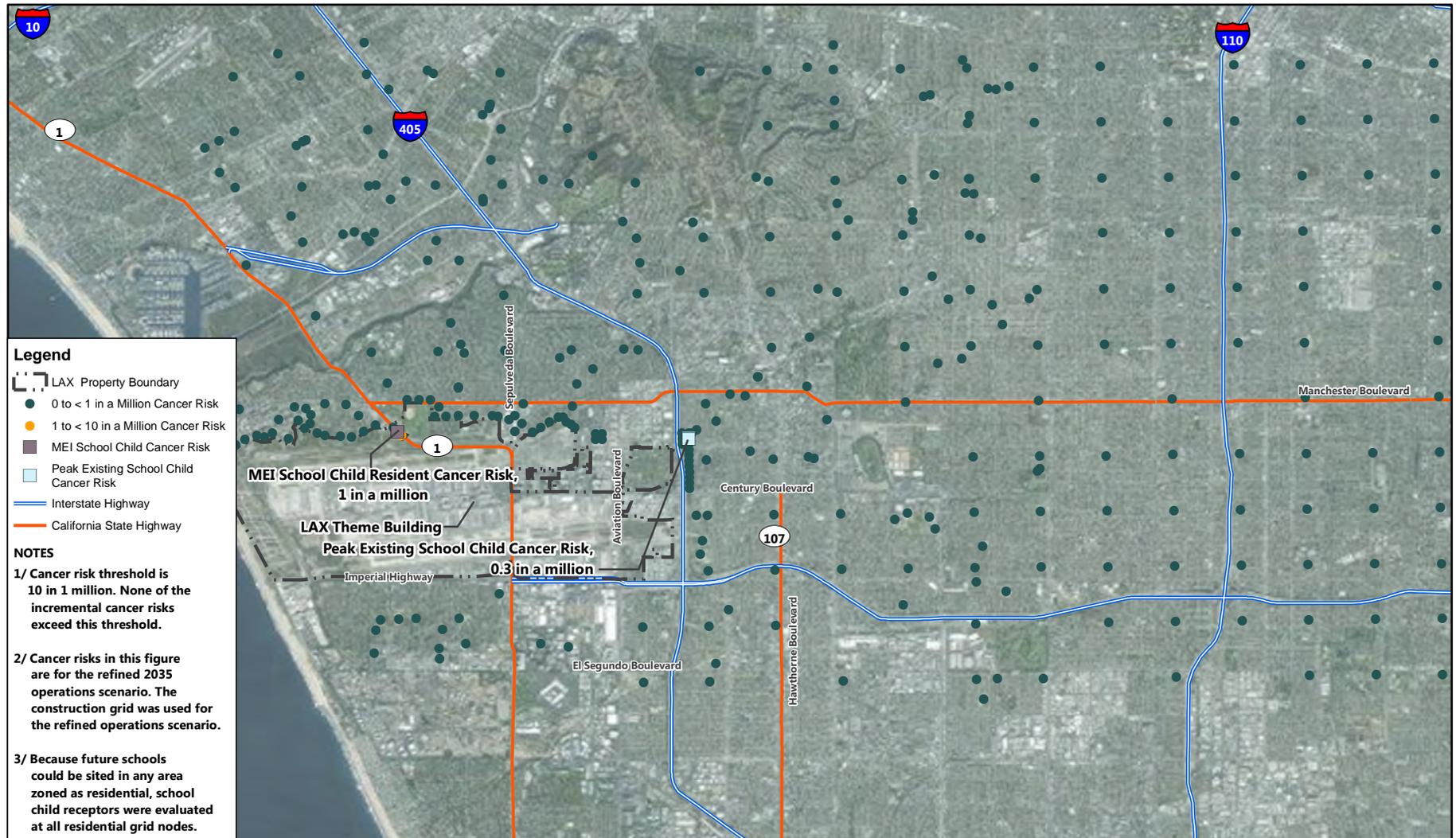


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-5A**



2024 Future With Project Scenario vs. 2024 Future Without Project Scenario – Refined Scenario - 12-year School Child Incremental Cancer

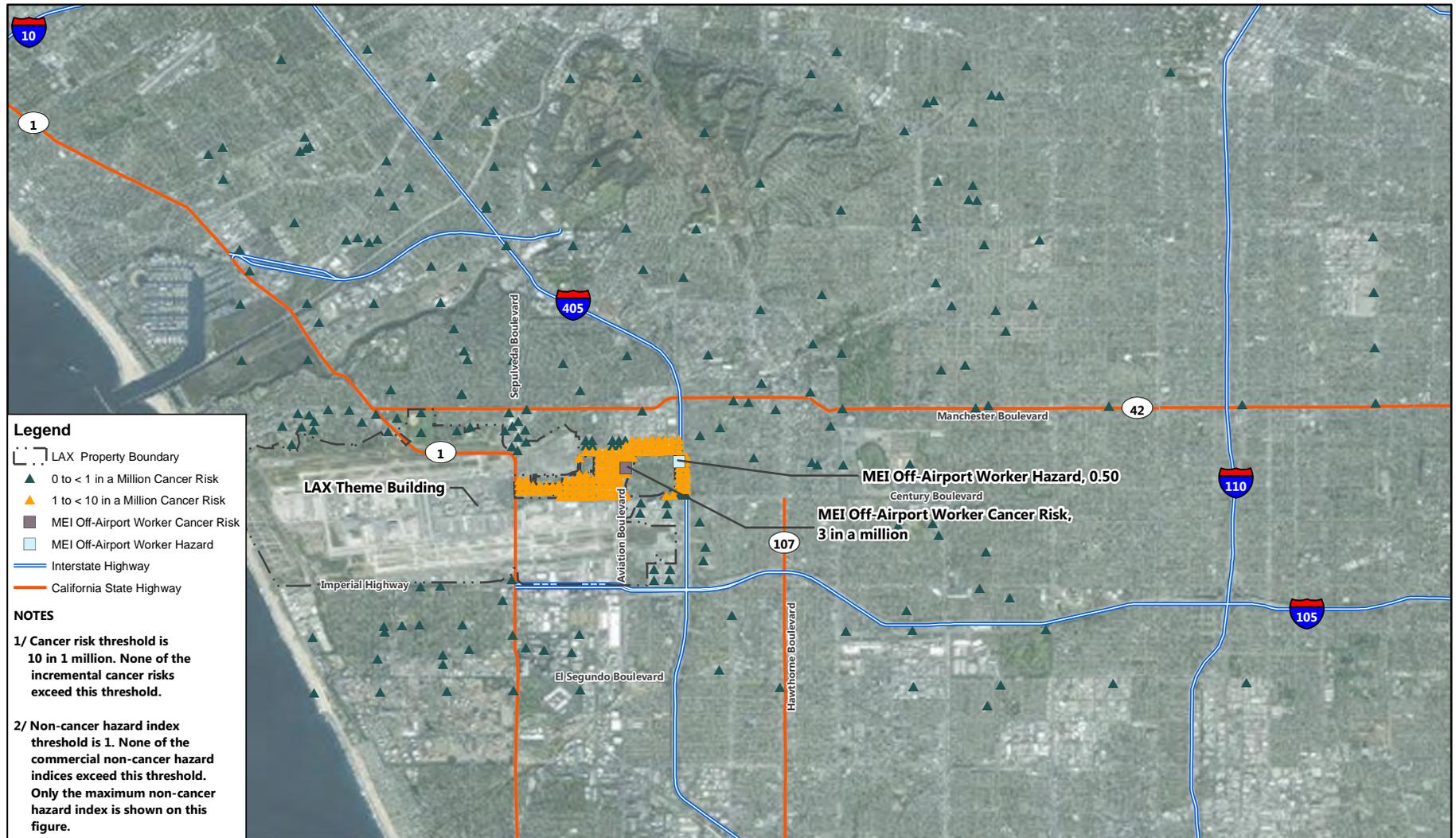


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-5B**



2035 Future With Project Scenario vs. 2035 Future Without Project Scenario - Refined Scenario - 12-year School Child Incremental Cancer Risk



**Legend**

- ⬜ LAX Property Boundary
- ▲ 0 to < 1 in a Million Cancer Risk
- ▲ 1 to < 10 in a Million Cancer Risk
- ▲ MEI Off-Airport Worker Cancer Risk
- ⬜ MEI Off-Airport Worker Hazard
- Interstate Highway
- California State Highway

**NOTES**

1/ Cancer risk threshold is 10 in 1 million. None of the incremental cancer risks exceed this threshold.

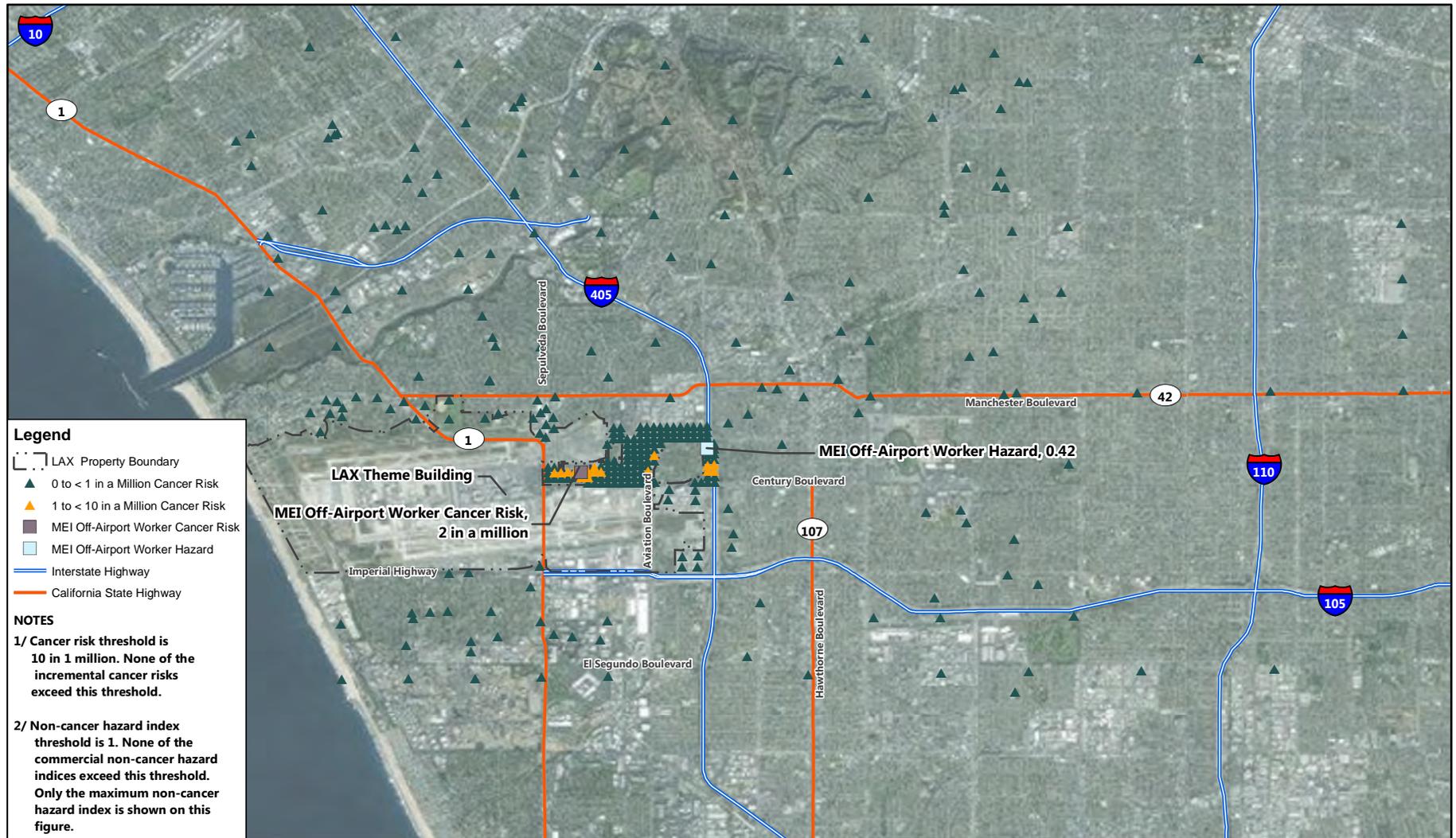
2/ Non-cancer hazard index threshold is 1. None of the commercial non-cancer hazard indices exceed this threshold. Only the maximum non-cancer hazard index is shown on this figure.

SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-6A**



Construction Unmitigated –  
 25-year Off-Airport Worker Incremental Cancer Risk

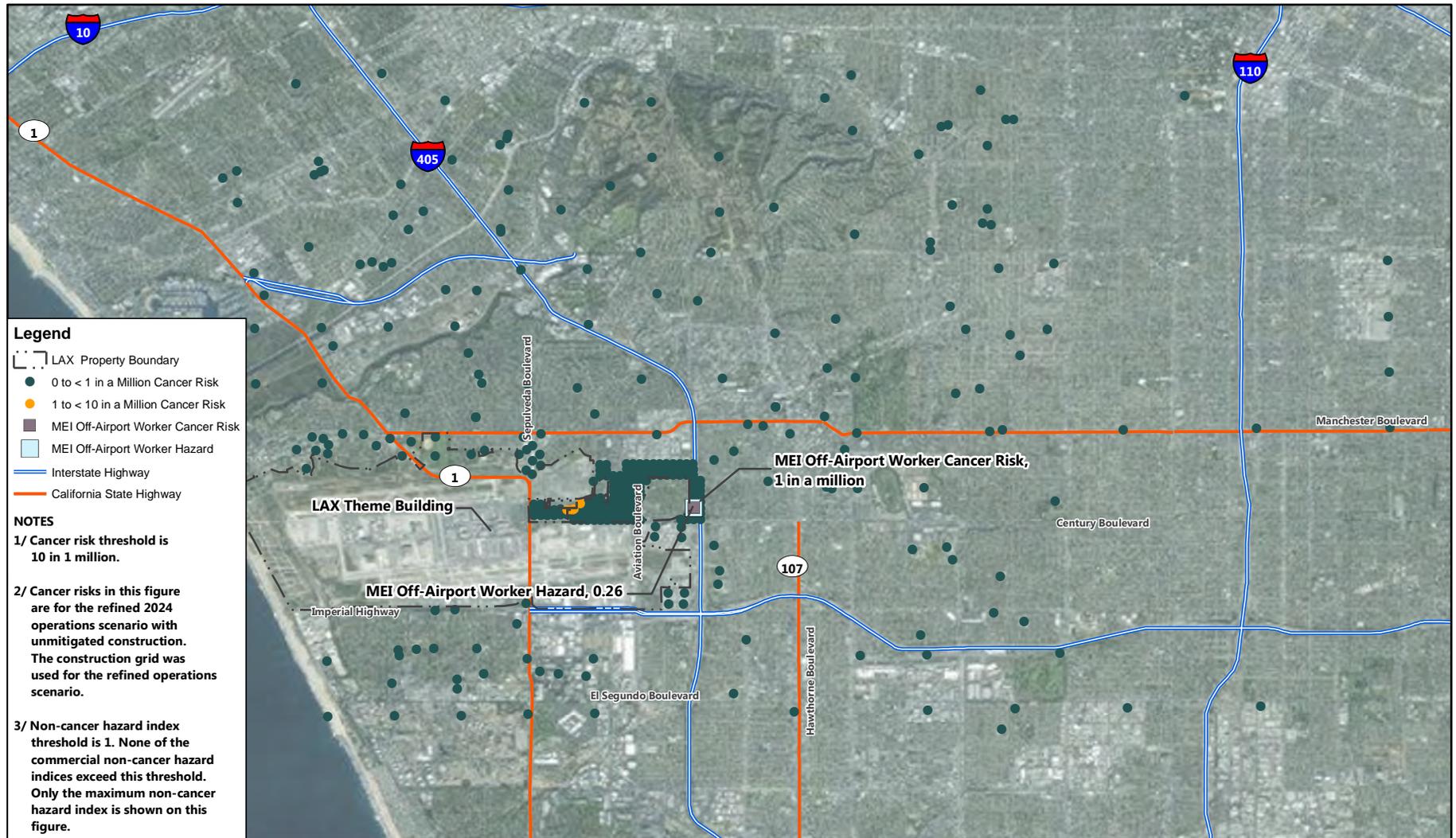


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-6B**



Post-Mitigation Construction -  
 25-year Off-Airport Worker Incremental Cancer Risk

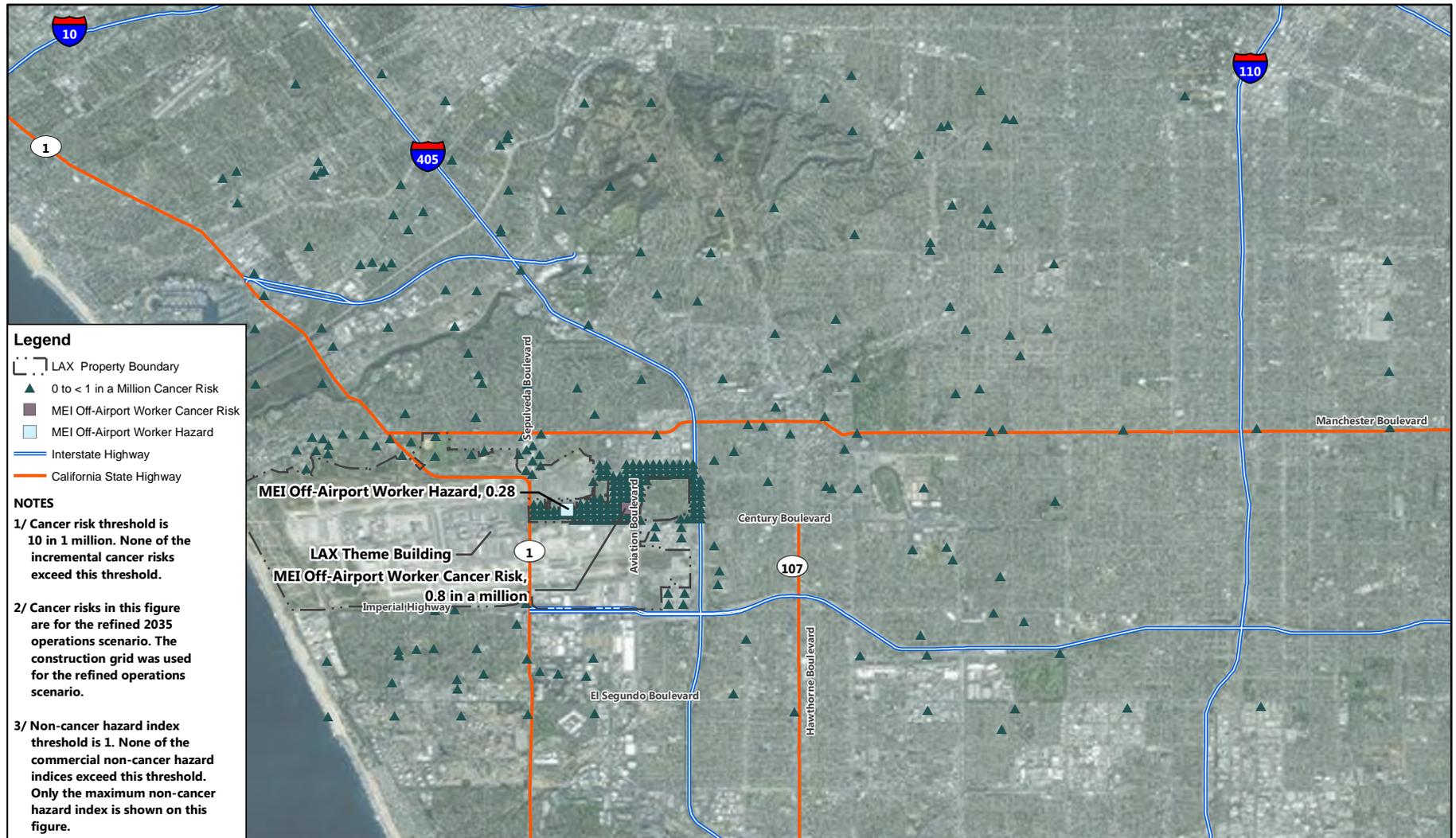


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-7A**



2024 Future With Project Scenario vs. 2024 Future Without Project Scenario – Refined Scenario - 25-year Off-Airport Worker Incremental Cancer Risk

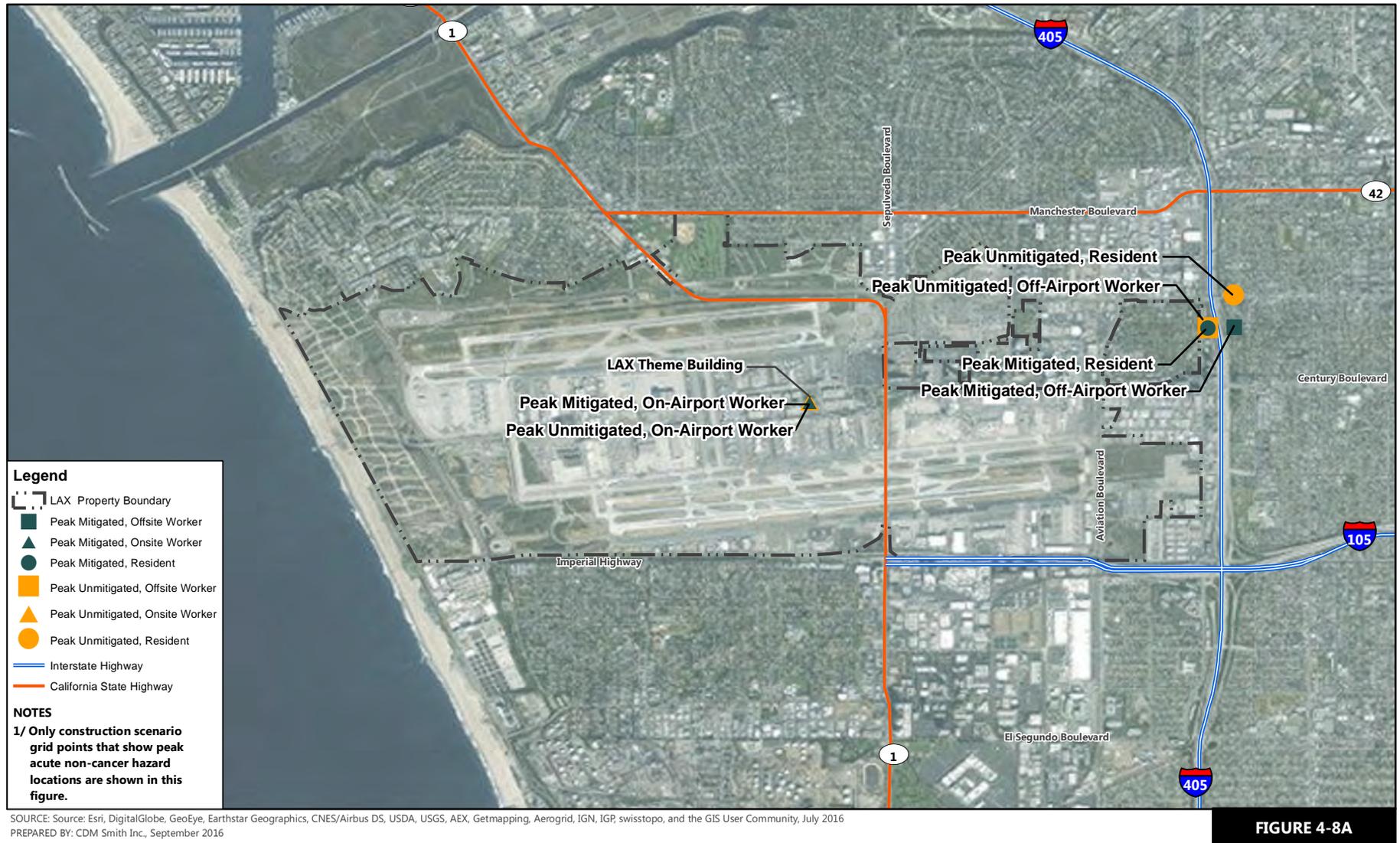


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., July 2016

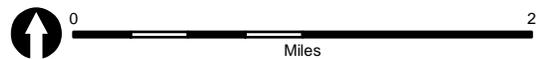
**FIGURE 4-7B**



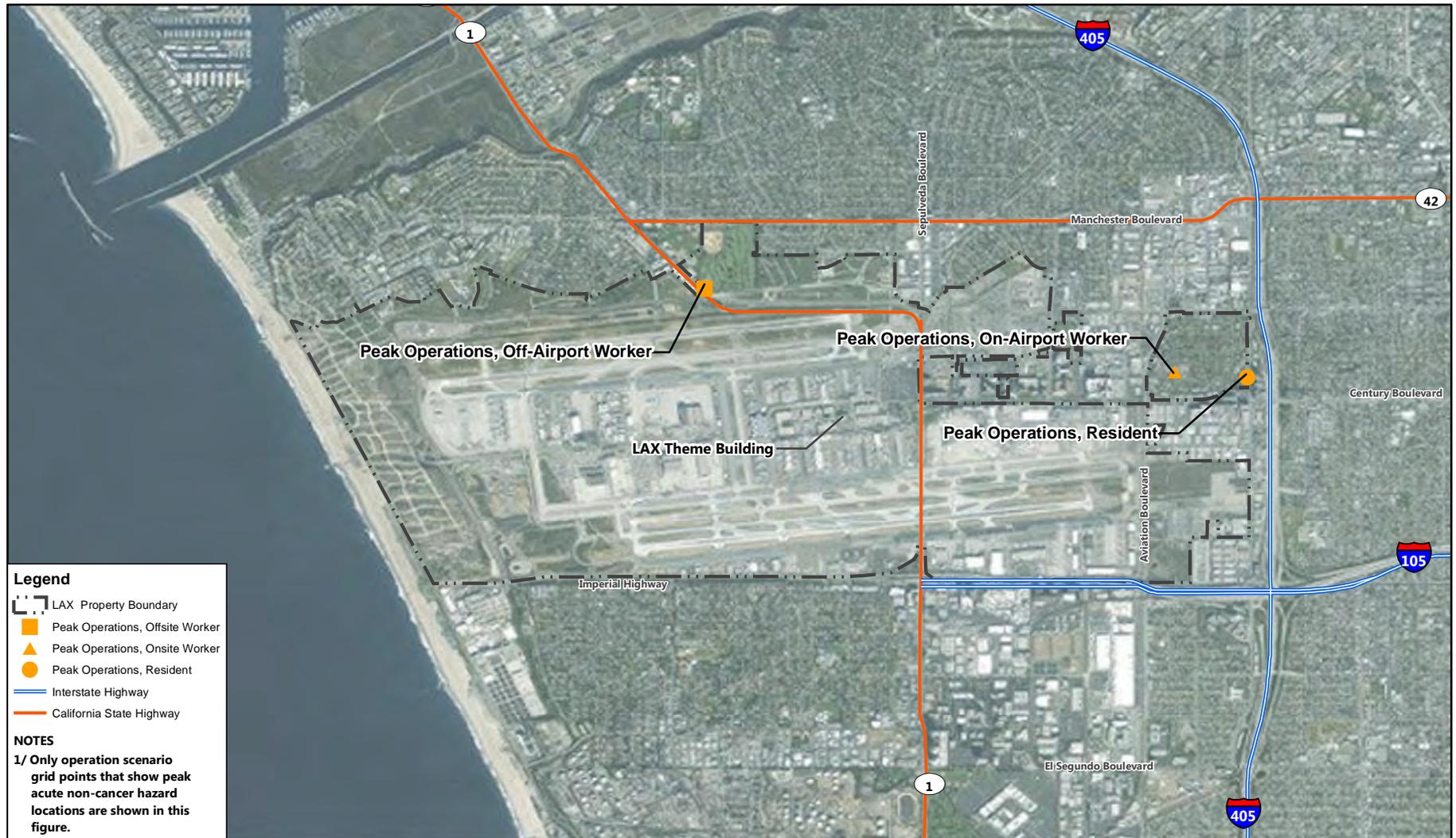
2035 Future With Project Scenario vs. 2035 Future Without Project Scenario - Refined Scenario - 25-year Off-Airport Worker Incremental Cancer Risk



SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016



Construction Peak Acute Non-Cancer Hazard Locations



**Legend**

- LAX Property Boundary
- Peak Operations, Offsite Worker
- Peak Operations, Onsite Worker
- Peak Operations, Resident
- Interstate Highway
- California State Highway

**NOTES**

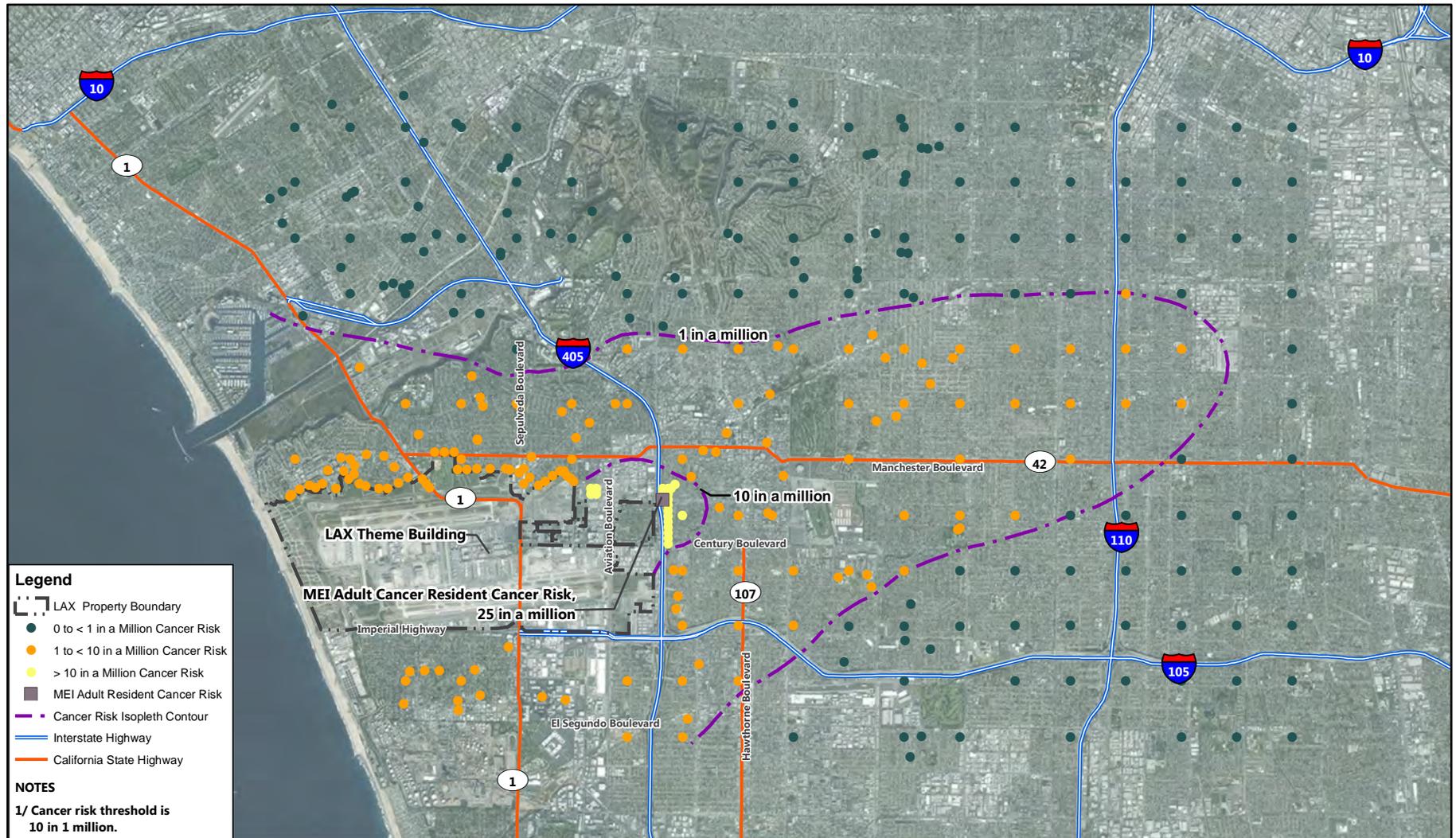
1/ Only operation scenario grid points that show peak acute non-cancer hazard locations are shown in this figure.

SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-8B**



Operations Peak Acute Non-Cancer Hazard Locations

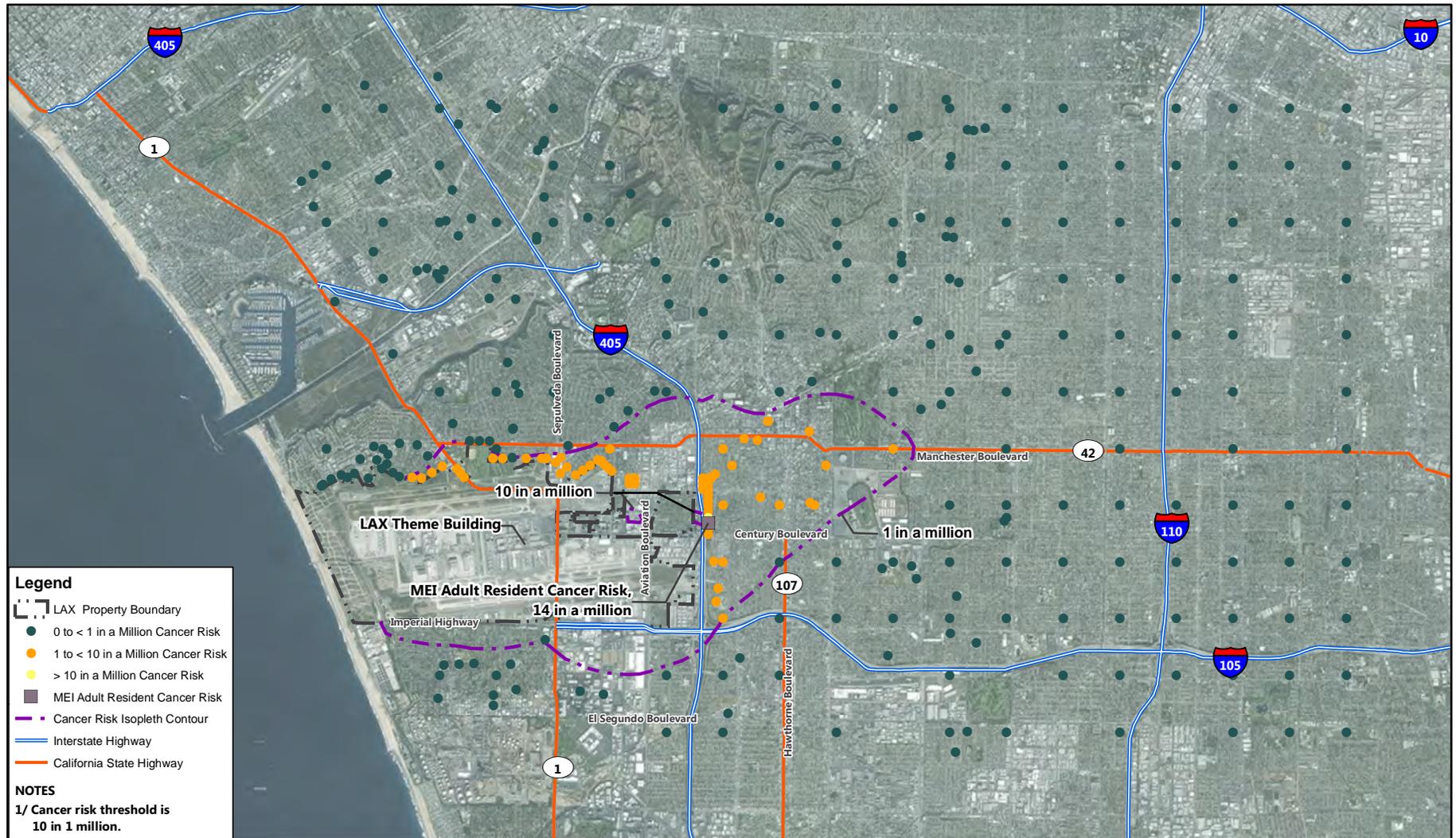


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-9A**



Construction Unmitigated –  
 Cancer Burden

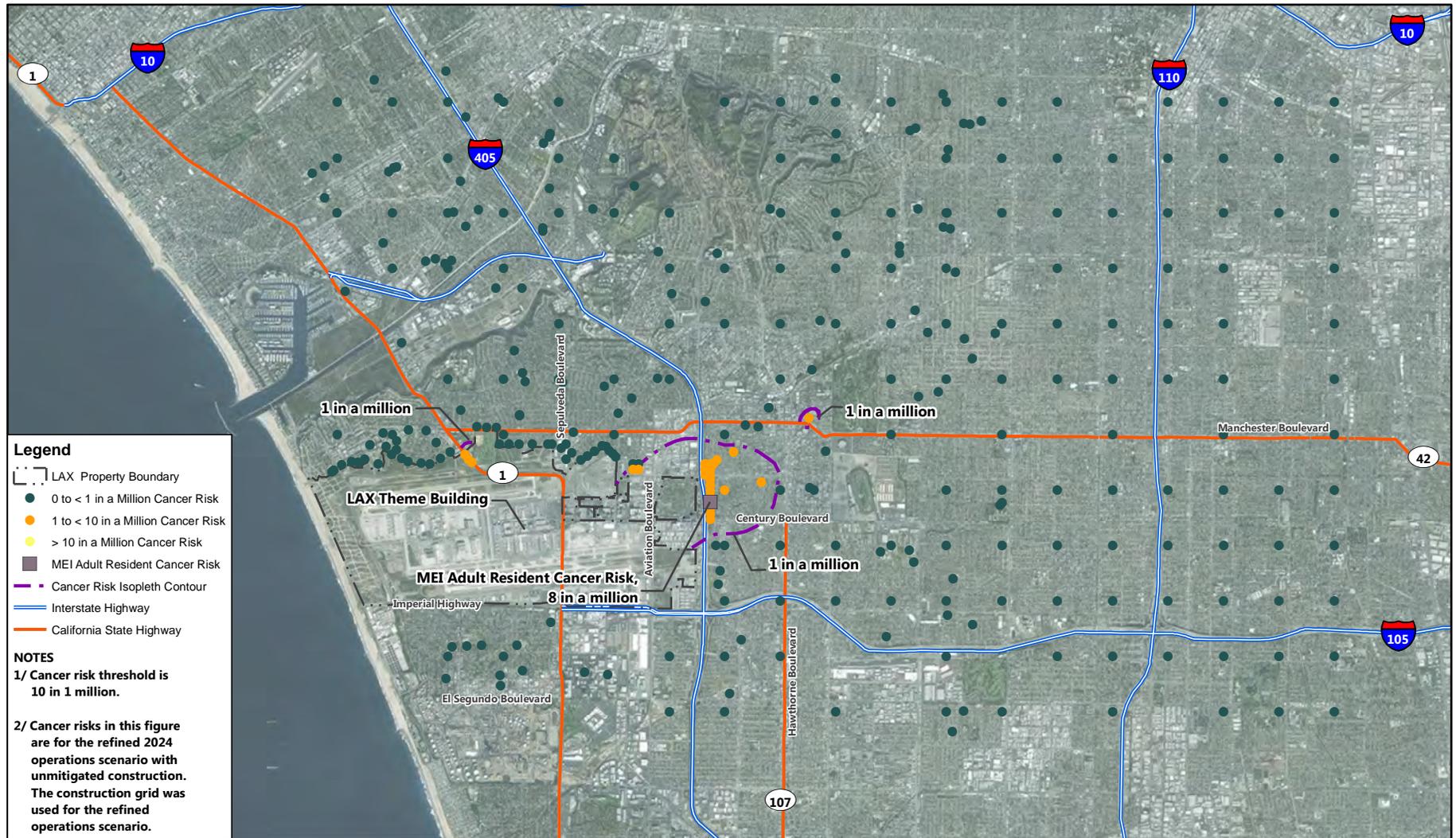


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., July 2016

**FIGURE 4-9B**



Construction Mitigated –  
 70-year Adult Residential Incremental Cancer Risk

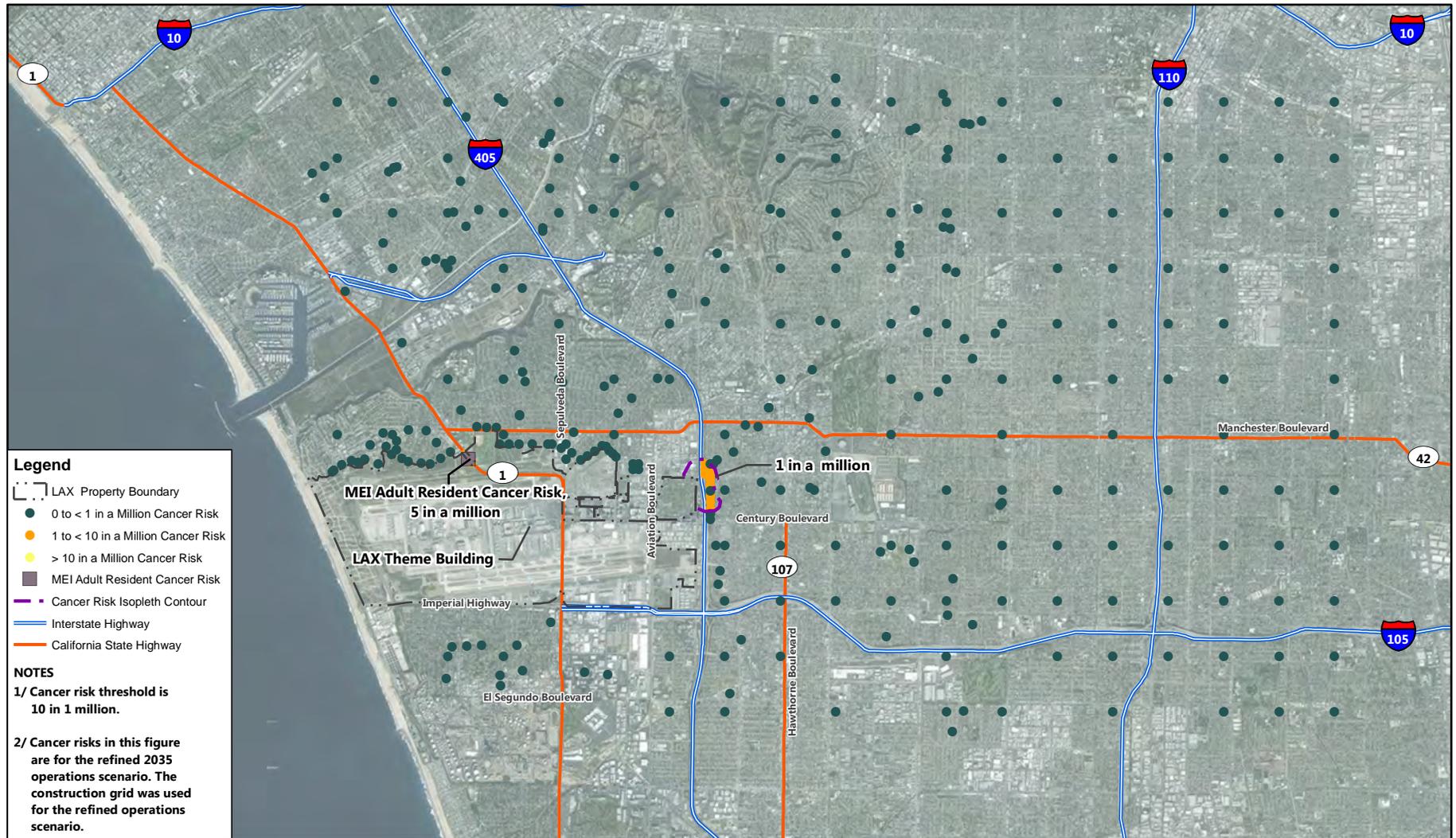


SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-10A**



2024 With Project v. 2024 Without Project Operations –  
 Cancer Burden



SOURCE: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, July 2016  
 PREPARED BY: CDM Smith Inc., September 2016

**FIGURE 4-10B**



2035 With Project v. 2035 Without Project Operations – Cancer Burden

## Attachment 1

# Cancer Risk and Chronic Non-Cancer Health Hazard Calculations by 2015 OEHHA Methodology

# Construction

## 1-1 Unmitigated



Table 1-1.1A  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2017 Unmitigated Construction Through 2035 Operations - Lifetime Exposure  
 30-Year Adult Resident Scenario  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**Equations**

Risk = Cair\*DBR\*EF\*CF\*A\*ASF\*ED\*FAH\*CPF

HQ = Cair / REL

Where: HQ = Hazard Quotient      Cair = Exposure Concentration  
 DBR = Daily Breathing Rate      ASF = Age sensitivity factor  
 EF = Fraction of Year              ED = Fraction of Averaging time  
 A = Absorption Fraction          FAH = Fraction of Time at Home  
 CF = Conversion Factor          CPF = Cancer Potency Factor

Toxicity Criteria TAC	EPA		CalEPA		Cancer Risk to Adult 30-Year Resident																	TOTAL Cancer Risk to Resident for Max Location
	Inhalation CPF (mg/kg-day) <sup>-1</sup>		Inhalation CPF (mg/kg-day) <sup>-1</sup>		Construction							Construction and Operations							Operation			
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2046			
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC		
1,3-butadiene	1.05E-01	6.00E-01	2.58E-10	4.20E-08	1.21E-08	4.87E-09	1.61E-09	8.65E-10	1.41E-09	3.26E-09	2.97E-09	3.50E-09	3.25E-09	2.91E-09	2.37E-09	1.94E-09	1.77E-09	1.81E-10	1.68E-10	1.56E-10	1.72E-09	8.73E-08
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	7.70E-03	1.00E-02	1.57E-10	2.03E-08	6.75E-09	2.86E-09	8.87E-10	4.86E-10	6.50E-10	3.74E-10	3.59E-10	7.43E-10	6.65E-10	5.32E-10	2.76E-10	8.71E-11	5.32E-11	5.95E-12	6.09E-12	6.23E-12	7.63E-11	3.53E-08
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	2.73E-02	1.00E-01	4.38E-10	6.30E-08	1.96E-08	8.11E-09	2.59E-09	1.41E-09	2.07E-09	3.01E-09	2.77E-09	3.77E-09	3.46E-09	3.00E-09	2.19E-09	1.58E-09	1.40E-09	1.44E-10	1.35E-10	1.26E-10	1.40E-09	1.20E-07
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	8.75E-03	8.70E-03	6.17E-12	1.04E-09	2.94E-10	1.17E-10	3.92E-11	2.10E-11	3.52E-11	8.91E-11	8.09E-11	9.32E-11	8.67E-11	7.82E-11	6.47E-11	5.39E-11	4.93E-11	5.04E-12	4.69E-12	4.34E-12	4.78E-11	2.21E-09
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	4.55E-02	2.10E-02	6.61E-10	8.60E-08	2.85E-08	1.21E-08	3.74E-09	2.05E-09	2.76E-09	1.75E-09	1.67E-09	3.28E-09	2.94E-09	2.38E-09	1.29E-09	4.85E-10	3.35E-10	3.64E-11	3.61E-11	3.59E-11	4.27E-10	1.50E-07
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	1.19E-01	1.20E-01	2.33E-11	3.15E-09	1.02E-09	4.28E-10	1.34E-10	7.33E-11	1.02E-10	9.88E-11	9.20E-11	1.47E-10	1.34E-10	1.12E-10	7.23E-11	4.23E-11	3.53E-11	3.68E-12	3.49E-12	3.30E-12	3.74E-11	5.72E-09
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	1.51E+01	1.20E+01	1.06E-10	7.27E-09	1.62E-09	1.46E-09	6.94E-10	4.09E-10	4.50E-10	1.11E-09	8.79E-10	8.79E-10	8.84E-10	7.87E-10	7.01E-10	6.79E-10	6.77E-10	7.44E-11	7.48E-11	7.51E-11	9.05E-10	1.97E-08
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	6.30E+00	1.50E+01	2.67E-10	1.96E-08	5.01E-09	3.71E-09	1.62E-09	9.39E-10	1.02E-09	1.12E-09	6.54E-10	7.19E-10	7.02E-10	4.69E-10	2.44E-10	1.63E-10	1.49E-10	1.64E-11	1.65E-11	1.66E-11	2.00E-10	3.66E-08
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	4.20E+01	5.10E+02	2.43E-09	2.47E-07	5.11E-08	3.74E-08	1.85E-08	1.06E-08	1.67E-08	5.85E-08	5.01E-08	5.09E-08	4.84E-08	4.60E-08	4.51E-08	4.50E-08	4.93E-09	4.93E-09	4.93E-09	4.94E-09	5.93E-08	8.53E-07
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	4.20E-02	1.03E-11	6.66E-10	1.43E-10	1.41E-10	6.80E-11	4.03E-11	4.25E-11	6.62E-11	4.31E-11	4.19E-11	4.25E-11	3.27E-11	2.43E-11	2.23E-11	2.20E-11	2.42E-12	2.43E-12	2.44E-12	2.94E-11	1.44E-09
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	8.40E-01	9.10E-01	2.77E-11	3.71E-09	7.80E-10	4.66E-10	2.30E-10	1.29E-10	2.51E-10	1.10E-09	9.78E-10	9.99E-10	9.95E-10	9.66E-10	9.34E-10	9.18E-10	9.16E-10	1.00E-10	1.00E-10	1.00E-10	1.20E-09	1.49E-08
non-phosphate phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	1.05E+00	1.10E+00	1.21E-07	1.28E-05	4.31E-06	1.80E-06	5.31E-07	2.74E-07	3.81E-07	1.85E-07	1.63E-07	3.41E-07	2.85E-07	2.13E-07	9.72E-08	1.74E-08	2.19E-09	2.00E-10	1.61E-10	1.21E-10	9.79E-08	2.16E-05
<b>TOTAL</b>			<b>1.25E-07</b>	<b>1.33E-05</b>	<b>4.43E-06</b>	<b>1.87E-06</b>	<b>5.61E-07</b>	<b>2.92E-07</b>	<b>4.06E-07</b>	<b>2.55E-07</b>	<b>2.23E-07</b>	<b>4.07E-07</b>	<b>3.49E-07</b>	<b>2.72E-07</b>	<b>1.51E-07</b>	<b>6.85E-08</b>	<b>5.26E-08</b>	<b>5.70E-09</b>	<b>5.64E-09</b>	<b>5.59E-09</b>	<b>1.63E-07</b>	<b>2.29E-05</b>

NA = Not Available      ug/m<sup>3</sup> = micrograms per cubic meter  
 NC = Not Calculated      mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016







Table 1-1.1C  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2017 Unmitigated Construction Through 2035 Operations - Lifetime Exposure  
 Child Resident Scenario (Maximum 2020-2028)  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

TAC	Toxicity Criteria		Cancer Risk to Child Resident									2019-2024	2019-2027	
	EPA	CalEPA	Construction					Construction and Operation				TOTAL	TOTAL	
	Inhalation CPF	Inhalation CPF	2019	2020	2021	2022	2023	2024	2025	2026	2027	6-yr Child Resident	9-yr Child Resident	
	(mg/kg-day) <sup>1</sup>	(mg/kg-day) <sup>1</sup>											for Max Location	for Max Location
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
1,3-butadiene	1.05E-01	6.00E-01	5.24E-08	6.69E-08	1.29E-08	7.66E-09	4.69E-10	1.11E-08	1.12E-08	1.17E-08	1.15E-08	1.51E-07	1.86E-07	
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
acetaldehyde	7.70E-03	1.00E-02	2.97E-08	3.76E-08	6.66E-09	4.16E-09	2.28E-10	2.49E-10	6.21E-10	1.20E-09	1.06E-09	7.86E-08	8.15E-08	
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
benzene	2.73E-02	1.00E-01	8.54E-08	1.09E-07	2.00E-08	1.22E-08	7.06E-10	8.68E-09	9.32E-09	1.06E-08	1.02E-08	2.36E-07	2.66E-07	
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ethylbenzene	8.75E-03	8.70E-03	1.27E-09	1.62E-09	3.16E-10	1.87E-10	1.16E-11	3.12E-10	3.11E-10	3.21E-10	3.15E-10	3.71E-09	4.66E-09	
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
formaldehyde	4.55E-02	2.10E-02	1.25E-07	1.59E-07	2.82E-08	1.76E-08	9.66E-10	1.76E-09	3.29E-09	5.68E-09	5.12E-09	3.32E-07	3.46E-07	
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
naphthalene	1.19E-01	1.20E-01	4.46E-09	5.67E-09	1.02E-09	6.31E-10	3.54E-11	2.12E-10	2.59E-10	3.36E-10	3.17E-10	1.20E-08	1.29E-08	
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ammonium Ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
arsenic	1.51E+01	1.20E+01	3.53E-08	4.60E-08	8.49E-09	5.93E-09	3.83E-09	4.91E-09	3.19E-09	3.04E-09	3.00E-09	1.04E-07	1.14E-07	
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cadmium	6.30E+00	1.50E+01	7.94E-08	1.02E-07	1.86E-08	1.29E-08	7.81E-09	5.05E-09	1.64E-09	1.43E-09	1.31E-09	2.26E-07	2.31E-07	
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
chromium (VI)	4.20E+01	5.10E+02	8.74E-07	1.14E-06	2.26E-07	1.51E-07	9.07E-08	2.37E-07	1.96E-07	1.94E-07	1.93E-07	2.72E-06	3.30E-06	
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
lead	NA	4.20E-02	3.50E-09	4.59E-09	8.43E-10	5.92E-10	3.90E-10	3.12E-10	1.35E-10	1.18E-10	1.14E-10	1.02E-08	1.06E-08	
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
nickel	8.40E-01	9.10E-01	1.01E-08	1.31E-08	2.75E-09	1.76E-09	9.64E-10	4.34E-09	3.91E-09	3.90E-09	3.88E-09	3.30E-08	4.47E-08	
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
Diesel PM	1.05E+00	1.10E+00	1.93E-05	2.23E-05	3.87E-06	2.33E-06	1.28E-07	5.92E-08	2.42E-07	5.09E-07	4.21E-07	4.80E-05	4.92E-05	
			TOTAL	2.06E-05	2.40E-05	4.19E-06	2.55E-06	2.35E-07	3.33E-07	4.72E-07	7.41E-07	6.50E-07	5.19E-05	5.38E-05

NA = Not Available  
 NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day



Table 1-1.1D  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2017 Unmitigated Construction Through 2035 Operations - Lifetime Exposure  
 School Child Scenario, 9-year and 12-year  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**Equations**

Risk = Cair\*DBR\*EF\*CF\*A\*ASF\*ED\*FAH\*CPF

HQ = Cair / REL

Where: HQ = Hazard Quotient      Cair = Exposure Concentration  
 DBR = Daily Breathing Rate      ASF = Age sensitivity factor  
 EF = Fraction of Year      ED = Fraction of Averaging time  
 A = Absorption Fraction      FAH = Fraction of Time at Home  
 CF = Conversion Factor      CPF = Cancer Potency Factor

TAC	Toxicity Criteria		Cancer Risk to School Child												2019-2027	2019-2030
	EPA	CalEPA	Construction					Construction and Operation							TOTAL	TOTAL
	Inhalation CPF (mg/kg-day) <sup>-1</sup>	Inhalation CPF (mg/kg-day) <sup>-1</sup>	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	9-yr School Child for Max Location	12-yr School Child for Max Location
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	1.05E-01	6.00E-01	8.52E-09	1.18E-08	7.78E-09	4.62E-09	2.83E-10	6.73E-09	6.78E-09	7.06E-09	6.63E-09	9.47E-10	8.43E-10	7.53E-10	6.02E-08	6.27E-08
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	7.70E-03	1.00E-02	4.83E-09	6.63E-09	4.02E-09	2.51E-09	1.38E-10	1.51E-10	3.75E-10	7.22E-10	6.44E-10	8.27E-11	4.79E-11	2.22E-11	2.00E-08	2.02E-08
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	2.73E-02	1.00E-01	1.39E-08	1.91E-08	1.21E-08	7.38E-09	4.27E-10	5.24E-09	5.63E-09	6.39E-09	5.94E-09	8.34E-10	7.02E-10	5.95E-10	7.61E-08	7.83E-08
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	8.75E-03	8.70E-03	2.06E-10	2.85E-10	1.91E-10	1.13E-10	7.01E-12	1.88E-10	1.88E-10	1.94E-10	1.82E-10	2.60E-11	2.34E-11	2.10E-11	1.55E-09	1.62E-09
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	4.55E-02	2.10E-02	2.04E-08	2.79E-08	1.70E-08	1.06E-08	5.84E-10	1.06E-09	1.99E-09	3.43E-09	3.08E-09	4.02E-10	2.52E-10	1.41E-10	8.61E-08	8.69E-08
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	1.19E-01	1.20E-01	7.26E-10	9.98E-10	6.16E-10	3.81E-10	2.14E-11	1.28E-10	1.56E-10	2.03E-10	1.87E-10	2.55E-11	1.96E-11	1.50E-11	3.42E-09	3.48E-09
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium Ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	1.51E+01	1.20E+01	5.73E-09	8.10E-09	5.13E-09	3.58E-09	2.31E-09	2.96E-09	1.93E-09	1.84E-09	1.81E-09	2.71E-10	2.59E-10	2.56E-10	3.34E-08	3.42E-08
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	6.30E+00	1.50E+01	1.29E-08	1.80E-08	1.13E-08	7.81E-09	4.72E-09	3.05E-09	9.91E-10	8.62E-10	7.90E-10	1.01E-10	6.92E-11	5.80E-11	6.04E-08	6.07E-08
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	4.20E+01	5.10E+02	1.42E-07	2.00E-07	1.37E-07	9.10E-08	5.48E-08	1.43E-07	1.19E-07	1.17E-07	1.16E-07	1.76E-08	1.73E-08	1.71E-08	1.12E-06	1.17E-06
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	4.20E-02	5.70E-10	8.08E-10	5.09E-10	3.58E-10	2.36E-10	1.88E-10	8.18E-11	7.12E-11	6.91E-11	9.84E-12	8.63E-12	8.35E-12	2.89E-09	2.92E-09
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	8.40E-01	9.10E-01	1.64E-09	2.30E-09	1.66E-09	1.06E-09	5.82E-10	2.62E-09	2.36E-09	2.36E-09	2.34E-09	3.57E-10	3.51E-10	3.48E-10	1.69E-08	1.80E-08
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	1.05E+00	1.10E+00	3.14E-06	3.93E-06	2.34E-06	1.41E-06	7.76E-08	3.57E-08	1.46E-07	3.07E-07	2.53E-07	2.98E-08	1.39E-08	2.98E-09	1.16E-05	1.17E-05
<b>TOTAL</b>			<b>3.35E-06</b>	<b>4.23E-06</b>	<b>2.53E-06</b>	<b>1.54E-06</b>	<b>1.42E-07</b>	<b>2.01E-07</b>	<b>2.85E-07</b>	<b>4.47E-07</b>	<b>3.91E-07</b>	<b>5.05E-08</b>	<b>3.38E-08</b>	<b>2.23E-08</b>	<b>1.31E-05</b>	<b>1.32E-05</b>

NA = Not Available  
 NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day



Table 1-1.2  
 2015 OEHA Hazard Calculation for LAX Landside Access Modernization Program, 2017 Unmitigated Construction Through 2035 Operations  
 Residential Scenario  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**Equations**

Risk = Cair\*DBR\*EF\*CF\*A\*ASF\*ED\*FAH\*CPF

HQ = Cair / REL

Where: HQ = Hazard Quotient                      Cair = Exposure Concentration  
 DBR = Daily Breathing Rate                    ASF = Age sensitivity factor  
 EF = Fraction of Year                            ED = Fraction of Averaging time  
 A = Absorption Fraction                        FAH = Fraction of Time at Home  
 CF = Conversion Factor                        CPF = Cancer Potency Factor

TAC	Toxicity Criteria		Hazard Quotient to Resident														
	EPA RfC (ug/m <sup>3</sup> )	CalEPA REL (ug/m <sup>3</sup> )	Construction							Construction and Operation							
			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2035
1,2,4-trimethylbenzene	7.00E+00	NA	1.10E-06	2.51E-05	1.10E-04	1.03E-04	5.94E-05	5.26E-05	5.21E-06	4.03E-04	4.20E-04	4.51E-04	4.23E-04	3.93E-04	3.46E-04	3.06E-04	2.20E-04
1,3-butadiene	2.00E+00	2.00E+00	1.42E-06	3.35E-05	1.43E-04	1.34E-04	8.02E-05	6.96E-05	7.08E-06	7.86E-04	7.97E-04	8.25E-04	7.78E-04	7.27E-04	6.55E-04	5.93E-04	4.25E-04
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	9.00E+00	1.40E+02	7.30E-07	1.55E-05	7.15E-05	6.61E-05	3.58E-05	3.29E-05	3.09E-06	1.07E-05	3.35E-05	6.48E-05	5.73E-05	4.80E-05	2.76E-05	1.25E-05	9.50E-06
acrolein	2.00E-02	3.50E-01	1.37E-07	7.41E-06	1.94E-05	2.01E-05	2.14E-05	1.39E-05	2.05E-06	1.06E-03	1.02E-03	9.81E-04	9.34E-04	8.87E-04	8.38E-04	7.90E-04	5.65E-04
benzene	3.00E+01	3.00E+00	9.56E-06	2.13E-04	9.50E-04	8.83E-04	5.00E-04	4.48E-04	4.37E-05	2.42E-03	2.61E-03	2.93E-03	2.73E-03	2.51E-03	2.15E-03	1.86E-03	1.33E-03
cumene	4.00E+02	NA	7.05E-10	1.53E-08	6.96E-08	6.45E-08	3.57E-08	3.24E-08	3.10E-09	8.91E-08	1.08E-07	1.35E-07	1.24E-07	1.12E-07	8.86E-08	7.07E-08	5.10E-08
cyclohexane	6.00E+03	NA	1.07E-10	3.52E-09	1.22E-08	1.18E-08	9.30E-09	6.96E-09	8.59E-10	2.93E-07	2.84E-07	2.76E-07	2.62E-07	2.49E-07	2.33E-07	2.19E-07	1.56E-07
ethylbenzene	1.00E+03	2.00E+03	2.35E-09	5.62E-08	2.38E-07	2.23E-07	1.36E-07	1.17E-07	1.20E-08	1.52E-06	1.53E-06	1.56E-06	1.48E-06	1.38E-06	1.26E-06	1.14E-06	8.18E-07
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	9.80E+00	9.00E+00	2.28E-05	4.86E-04	2.23E-03	2.06E-03	1.12E-03	1.03E-03	9.70E-05	6.57E-04	1.35E-03	2.31E-03	2.07E-03	1.77E-03	1.11E-03	6.29E-04	4.67E-04
hexane, n-	7.00E+02	7.00E+03	4.01E-10	1.13E-08	4.30E-08	4.11E-08	2.87E-08	2.28E-08	2.60E-09	6.53E-07	6.38E-07	6.28E-07	5.96E-07	5.63E-07	5.24E-07	4.89E-07	3.49E-07
isoprene, except from vegetation	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	2.00E+04	4.00E+03	1.15E-10	2.80E-09	1.17E-08	1.10E-08	6.80E-09	5.80E-09	6.04E-10	8.51E-08	8.51E-08	8.65E-08	8.17E-08	7.67E-08	7.00E-08	6.40E-08	4.58E-08
methyl ethyl ketone	5.00E+03	NA	4.11E-09	8.74E-08	4.03E-07	3.72E-07	2.01E-07	1.85E-07	1.74E-08	4.14E-08	1.71E-07	3.48E-07	3.06E-07	2.55E-07	1.41E-07	5.62E-08	4.34E-08
naphthalene	3.00E+00	9.00E+00	1.41E-07	3.06E-06	1.39E-05	1.29E-05	7.10E-06	6.45E-06	6.16E-07	1.59E-05	1.97E-05	2.52E-05	2.31E-05	2.08E-05	1.62E-05	1.27E-05	9.21E-06
propionaldehyde	8.00E+00	NA	1.69E-06	3.59E-05	1.65E-04	1.53E-04	8.26E-05	7.60E-05	7.15E-06	2.41E-05	7.68E-05	1.49E-04	1.32E-04	1.10E-04	6.32E-05	2.83E-05	2.16E-05
propylene	3.00E+03	3.00E+03	1.24E-08	2.76E-07	1.23E-06	1.14E-06	6.48E-07	5.80E-07	5.65E-08	3.00E-06	3.26E-06	3.67E-06	3.43E-06	3.15E-06	2.68E-06	2.31E-06	1.66E-06
styrene	1.00E+03	9.00E+02	9.74E-10	2.23E-08	9.76E-08	9.09E-08	5.29E-08	4.66E-08	4.64E-09	3.81E-07	3.96E-07	4.22E-07	3.96E-07	3.68E-07	3.26E-07	2.90E-07	2.08E-07
toluene	5.00E+03	3.00E+02	7.51E-08	1.83E-06	7.67E-06	7.20E-06	4.43E-06	3.78E-06	3.94E-07	5.53E-05	5.53E-05	5.62E-05	5.31E-05	4.98E-05	4.55E-05	4.16E-05	2.98E-05
xylene (total)	1.00E+02	7.00E+02	2.34E-08	5.80E-07	2.40E-06	2.26E-06	1.41E-06	1.20E-06	1.26E-07	1.98E-05	1.97E-05	1.98E-05	1.88E-05	1.76E-05	1.62E-05	1.49E-05	1.06E-05
aluminum	5.00E+00	NA	8.22E-05	1.05E-03	3.53E-03	3.23E-03	2.61E-03	4.30E-03	1.08E-03	2.19E-02	2.27E-02	2.31E-02	2.28E-02	2.25E-02	2.18E-02	2.16E-02	2.18E-02
ammonium ion	1.00E+02	2.00E+02	1.56E-08	2.69E-07	1.15E-06	9.95E-07	5.51E-07	5.78E-07	8.25E-08	1.46E-05	1.49E-05	1.52E-05	1.51E-05	1.51E-05	1.49E-05	1.48E-05	1.49E-05
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	1.50E-02	1.50E-02	7.19E-06	9.46E-05	3.21E-04	2.93E-04	2.33E-04	3.73E-04	9.24E-05	1.20E-03	1.27E-03	1.31E-03	1.28E-03	1.25E-03	1.18E-03	1.16E-03	1.17E-03
barium	5.00E-01	NA	1.19E-05	3.15E-04	1.01E-03	9.35E-04	9.18E-04	9.16E-04	2.09E-04	4.92E-02	4.94E-02	5.00E-02	4.98E-02	4.96E-02	4.92E-02	4.89E-02	4.87E-02
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	1.00E-02	2.00E-02	9.88E-06	1.35E-04	4.82E-04	4.33E-04	3.20E-04	4.89E-04	1.15E-04	2.15E-04	3.22E-04	3.93E-04	3.44E-04	2.98E-04	1.94E-04	1.59E-04	1.54E-04
chlorine	1.50E-01	2.00E-01	9.39E-05	1.29E-03	4.31E-03	3.95E-03	3.25E-03	5.06E-03	1.25E-03	2.34E-02	2.39E-02	2.40E-02	2.31E-02	2.23E-02	2.08E-02	2.01E-02	1.78E-02
chromium (VI)	1.00E-01	2.00E-01	2.95E-07	4.26E-06	1.42E-05	1.30E-05	1.09E-05	1.63E-05	4.02E-06	1.41E-04	1.44E-04	1.47E-04	1.45E-04	1.43E-04	1.39E-04	1.38E-04	1.36E-04
cobalt	6.00E-03	NA	9.87E-05	1.29E-03	4.33E-03	3.96E-03	3.19E-03	5.17E-03	1.29E-03	7.70E-03	8.52E-03	8.86E-03	8.32E-03	7.82E-03	6.75E-03	6.41E-03	5.88E-03
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
manganese	5.00E-02	9.00E-02	5.62E-05	7.52E-04	2.52E-03	2.30E-03	1.88E-03	2.99E-03	7.46E-04	1.77E-02	1.83E-02	1.86E-02	1.84E-02	1.81E-02	1.75E-02	1.74E-02	1.74E-02
mercury	3.00E-01	3.00E-02	3.61E-06	5.04E-05	1.83E-04	1.64E-04	1.18E-04	1.75E-04	4.02E-05	3.21E-04	3.63E-04	3.94E-04	3.76E-04	3.58E-04	3.20E-04	3.06E-04	3.07E-04
nickel	9.00E-02	1.40E-02	2.59E-05	4.14E-04	1.38E-03	1.27E-03	1.08E-03	1.48E-03	3.58E-04	2.31E-02	2.33E-02	2.36E-02	2.34E-02	2.32E-02	2.28E-02	2.25E-02	2.22E-02
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	2.00E+01	2.00E+01	1.05E-09	1.73E-08	6.48E-08	5.76E-08	4.10E-08	5.12E-08	1.08E-08	6.30E-07	6.45E-07	6.63E-07	6.56E-07	6.48E-07	6.33E-07	6.25E-07	6.22E-07
silicon	3.00E+00	3.00E+00	3.53E-04	4.57E-03	1.53E-02	1.40E-02	1.13E-02	1.85E-02	4.65E-03	1.13E-01	1.17E-01	1.18E-01	1.17E-01	1.16E-01	1.13E-01	1.12E-01	1.13E-01
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	1.00E-01	NA	1.47E-05	2.00E-04	6.71E-04	6.13E-04	5.01E-04	7.86E-04	1.95E-04	3.66E-03	3.81E-03	3.90E-03	3.83E-03	3.77E-03	3.61E-03	3.56E-03	3.55E-03
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	5.00E+00	5.00E+00	1.44E-04	2.67E-03	1.19E-02	1.02E-02	5.22E-03	4.72E-03	4.42E-04	4.02E-04	3.31E-03	7.03E-03	5.75E-03	4.43E-03	2.09E-03	4.56E-04	4.58E-03

TOTAL 0.0009 0.01 0.05 0.04 0.03 0.05 0.01 0.27 0.28 0.29 0.28 0.28 0.26 0.26 0.26

NA = Not Available                      ug/m<sup>3</sup> = micrograms per cubic meter  
 NC = Not Calculated                    mg/kg-d = milligrams per kilogram day



Table 1-1.3  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2017 Unmitigated Construction Through 2035 Operations - Lifetime Exposure  
 Worker Scenario  
 (Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)

**Equations**

Risk = Cair\*DBR\*EF\*CF\*A\*ASF\*ED\*FAH\*CPF

HQ = Cair / REL

Where: HQ = Hazard Quotient      Cair = Exposure Concentration  
 DBR = Daily Breathing Rate      ASF = Age sensitivity factor  
 EF = Fraction of Year              ED = Fraction of Averaging time  
 A = Absorption Fraction          FAH = Fraction of Time at Home  
 CF = Conversion Factor          CPF = Cancer Potency Factor

TAC	Toxicity Criteria		Cancer Risk to Worker																	TOTAL Cancer Risk to Worker for Max Location		
	EPA Inhalation CPF	CalEPA Inhalation CPF	Construction					Construction and Operations					Operation									
	(mg/kg-day) <sup>1</sup>	(mg/kg-day) <sup>1</sup>	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033		2034	2035-2041
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
1,3-butadiene	1.05E-01	6.00E-01	7.01E-12	4.23E-10	4.97E-09	1.50E-09	4.27E-10	1.73E-10	7.04E-11	8.81E-10	8.90E-10	9.50E-10	8.93E-10	8.29E-10	7.33E-10	6.53E-10	6.10E-10	5.51E-10	5.18E-10	4.85E-10	3.16E-09	1.87E-08
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	7.70E-03	1.00E-02	4.21E-12	2.27E-10	2.69E-09	8.83E-10	2.31E-10	9.02E-11	3.34E-11	2.51E-11	5.49E-11	1.11E-10	9.86E-11	8.06E-11	4.35E-11	1.61E-11	1.11E-11	1.06E-11	1.06E-11	1.07E-11	7.47E-11	4.71E-09
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	2.73E-02	1.00E-01	1.18E-11	6.71E-10	7.92E-09	2.50E-09	6.80E-10	2.70E-10	1.05E-10	6.95E-10	7.48E-10	8.80E-10	8.19E-10	7.43E-10	6.13E-10	5.10E-10	4.71E-10	4.26E-10	4.02E-10	3.77E-10	2.47E-09	2.13E-08
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	8.75E-03	8.70E-03	1.68E-13	1.03E-11	1.21E-10	3.60E-11	1.04E-11	4.25E-12	1.75E-12	2.46E-11	2.46E-11	2.59E-11	2.44E-11	2.28E-11	2.03E-11	1.82E-11	1.71E-11	1.54E-11	1.45E-11	1.36E-11	8.83E-11	4.94E-10
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	4.55E-02	2.10E-02	1.77E-11	9.60E-10	1.14E-08	3.72E-09	9.76E-10	3.81E-10	1.42E-10	1.61E-10	2.84E-10	5.19E-10	4.63E-10	3.86E-10	2.27E-10	1.09E-10	8.57E-11	8.00E-11	7.79E-11	7.58E-11	5.16E-10	2.06E-08
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	1.19E-01	1.20E-01	6.26E-13	3.45E-11	4.09E-10	1.32E-10	3.51E-11	1.38E-11	5.22E-12	1.74E-11	2.12E-11	2.90E-11	2.66E-11	2.33E-11	1.73E-11	1.26E-11	1.13E-11	1.03E-11	9.75E-12	9.21E-12	6.07E-11	8.79E-10
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	1.51E+01	1.20E+01	3.47E-12	1.17E-10	7.10E-10	3.55E-10	2.56E-10	8.98E-11	5.43E-11	2.89E-10	2.84E-10	2.91E-10	2.91E-10	2.82E-10	2.70E-10	2.69E-10	2.71E-10	2.63E-10	2.66E-10	2.69E-10	1.91E-09	6.54E-09
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	6.30E+00	1.50E+01	8.44E-12	2.99E-10	2.09E-09	9.44E-10	5.71E-10	2.00E-10	1.16E-10	1.39E-10	1.31E-10	1.48E-10	1.38E-10	1.11E-10	7.34E-11	6.10E-11	5.94E-11	5.76E-11	5.84E-11	5.91E-11	4.19E-10	5.68E-09
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	4.20E+01	5.10E+02	8.06E-11	3.20E-09	2.66E-08	9.63E-09	6.73E-09	2.53E-09	1.53E-09	1.79E-08	1.78E-08	1.82E-08	1.83E-08	1.81E-08	1.79E-08	1.79E-08	1.80E-08	1.74E-08	1.75E-08	1.77E-08	1.25E-07	3.72E-07
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	4.20E-02	3.41E-13	1.11E-11	6.22E-11	3.35E-11	2.53E-11	8.84E-12	5.39E-12	1.21E-11	1.14E-11	1.17E-11	1.15E-11	1.05E-11	9.03E-12	8.77E-12	8.81E-12	8.54E-12	8.64E-12	8.75E-12	6.19E-11	3.18E-10
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	8.40E-01	9.10E-01	9.10E-13	4.21E-11	4.27E-10	1.28E-10	8.17E-11	3.23E-11	1.92E-11	3.57E-10	3.57E-10	3.65E-10	3.66E-10	3.65E-10	3.62E-10	3.63E-10	3.65E-10	3.53E-10	3.56E-10	3.58E-10	2.53E-09	7.23E-09
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	1.05E+00	1.10E+00	3.25E-09	1.55E-07	1.72E-06	5.53E-07	1.38E-07	5.00E-08	1.91E-08	9.33E-09	2.38E-08	5.00E-08	4.13E-08	3.14E-08	1.46E-08	3.02E-09	7.78E-10	6.28E-10	5.11E-10	3.94E-10	1.94E-07	3.01E-06
<b>TOTAL</b>			<b>3.39E-09</b>	<b>1.61E-07</b>	<b>1.78E-06</b>	<b>5.73E-07</b>	<b>1.48E-07</b>	<b>5.38E-08</b>	<b>2.11E-08</b>	<b>2.98E-08</b>	<b>4.44E-08</b>	<b>7.15E-08</b>	<b>6.27E-08</b>	<b>5.24E-08</b>	<b>3.49E-08</b>	<b>2.29E-08</b>	<b>2.07E-08</b>	<b>1.98E-08</b>	<b>1.98E-08</b>	<b>1.97E-08</b>	<b>3.30E-07</b>	<b>3.47E-06</b>

NA = Not Available  
 NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016



Table 1-1.4  
 2015 OEHA Hazard Calculation for LAX Landside Access Modernization Program, 2017 Unmitigated Construction Through 2035 Operations  
 Worker Scenario  
 (Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)

Equations																	
Risk = Cair*DBR*EF*CF*A*ASF*ED*FAH*CPF																	
HQ = Cair / REL																	
Where: HQ = Hazard Quotient      Cair = Exposure Concentration																	
DBR = Daily Breathing Rate      ASF = Age sensitivity factor																	
EF = Fraction of Year      ED = Fraction of Averaging time																	
A = Absorption Fraction      FAH = Fraction of Time at Home																	
CF = Conversion Factor      CPF = Cancer Potency Factor																	
TAC	Toxicity Criteria		Hazard Quotient to Worker														
	EPA RfC	CalEPA REL	Construction							Construction and Operation							
	(ug/m <sup>3</sup> )	(ug/m <sup>3</sup> )	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2035
1,2,4-trimethylbenzene	7.00E+00	NA	1.19E-06	4.88E-05	3.02E-04	5.90E-04	5.81E-04	4.17E-04	9.53E-06	1.36E-04	1.40E-04	1.51E-04	1.42E-04	1.30E-04	1.13E-04	9.90E-05	6.81E-05
1,3-butadiene	2.00E+00	2.00E+00	1.53E-06	6.55E-05	3.97E-04	7.77E-04	7.83E-04	5.53E-04	1.32E-05	2.63E-04	2.64E-04	2.75E-04	2.58E-04	2.39E-04	2.13E-04	1.91E-04	1.31E-04
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	9.00E+00	1.40E+02	7.90E-07	2.98E-05	1.92E-04	3.74E-04	3.50E-04	2.61E-04	5.43E-06	5.36E-06	1.24E-05	2.38E-05	2.13E-05	1.77E-05	1.03E-05	4.80E-06	3.95E-06
acrolein	2.00E-02	3.50E-01	1.37E-07	1.59E-05	6.99E-05	1.39E-04	2.08E-04	1.11E-04	4.65E-06	3.51E-04	3.35E-04	3.21E-04	3.04E-04	2.87E-04	2.70E-04	2.52E-04	1.71E-04
benzene	3.00E+01	3.00E+00	1.03E-05	4.13E-04	2.58E-03	5.04E-03	4.89E-03	3.56E-03	7.90E-05	8.22E-04	8.77E-04	9.92E-04	9.23E-04	8.42E-04	7.10E-04	6.03E-04	4.18E-04
cumene	4.00E+02	NA	7.62E-10	2.96E-08	1.88E-07	3.66E-07	3.49E-07	2.57E-07	5.52E-09	3.12E-08	3.67E-08	4.65E-08	4.29E-08	3.82E-08	2.99E-08	2.33E-08	1.65E-08
cyclohexane	6.00E+03	NA	1.13E-10	7.22E-09	3.75E-08	7.39E-08	9.05E-08	5.56E-08	1.80E-09	9.72E-08	9.34E-08	9.06E-08	8.57E-08	8.08E-08	7.52E-08	6.99E-08	4.75E-08
ethylbenzene	1.00E+03	2.00E+03	2.52E-09	1.10E-07	6.64E-07	1.30E-06	1.32E-06	9.27E-07	2.25E-08	5.08E-07	5.06E-07	5.20E-07	4.88E-07	4.54E-07	4.08E-07	3.68E-07	2.51E-07
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	9.80E+00	9.00E+00	2.46E-05	9.34E-04	5.99E-03	1.17E-02	1.10E-02	8.16E-03	1.71E-04	2.74E-04	4.88E-04	8.38E-04	7.54E-04	6.39E-04	4.02E-04	2.26E-04	1.75E-04
hexane, n-	7.00E+02	7.00E+03	4.27E-10	2.27E-08	1.26E-07	2.48E-07	2.79E-07	1.82E-07	5.21E-09	2.17E-07	2.10E-07	2.07E-07	1.95E-07	1.83E-07	1.69E-07	1.56E-07	1.06E-07
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	2.00E+04	4.00E+03	1.24E-10	5.52E-09	3.29E-08	6.44E-08	6.64E-08	4.61E-08	1.14E-09	2.84E-08	2.82E-08	2.87E-08	2.70E-08	2.52E-08	2.27E-08	2.06E-08	1.40E-08
methyl ethyl ketone	5.00E+03	NA	4.45E-09	1.68E-07	1.08E-06	2.10E-06	1.97E-06	1.47E-06	3.06E-08	2.39E-08	6.40E-08	1.28E-07	1.14E-07	9.48E-08	5.32E-08	2.25E-08	1.92E-08
naphthalene	3.00E+00	9.00E+00	1.52E-07	5.89E-06	3.74E-05	7.30E-05	6.94E-05	5.12E-05	1.10E-06	5.62E-06	6.75E-06	8.74E-06	8.03E-06	7.14E-06	5.49E-06	4.22E-06	2.99E-06
propionaldehyde	8.00E+00	NA	1.82E-06	6.89E-05	4.43E-04	8.63E-04	8.08E-04	6.03E-04	1.25E-05	1.21E-05	2.84E-05	5.48E-05	4.89E-05	4.08E-05	2.36E-05	1.09E-05	9.02E-06
propylene	3.00E+03	3.00E+03	1.34E-08	5.35E-07	3.35E-06	6.54E-06	6.33E-06	4.61E-06	1.02E-07	1.02E-06	1.09E-06	1.25E-06	1.16E-06	1.06E-06	8.87E-07	7.50E-07	5.20E-07
styrene	1.00E+03	9.00E+02	1.05E-09	4.34E-08	2.68E-07	5.23E-07	5.16E-07	3.70E-07	8.51E-09	1.29E-07	1.32E-07	1.41E-07	1.32E-07	1.22E-07	1.07E-07	9.36E-08	6.43E-08
toluene	5.00E+03	3.00E+02	8.07E-08	3.60E-06	2.15E-05	4.20E-05	4.33E-05	3.01E-05	7.45E-07	1.85E-05	1.83E-05	1.86E-05	1.75E-05	1.63E-05	1.48E-05	1.34E-05	9.12E-06
xylene (total)	1.00E+02	7.00E+02	2.51E-08	1.14E-06	6.76E-06	1.32E-05	1.38E-05	9.51E-06	2.40E-07	6.60E-06	6.50E-06	6.57E-06	6.19E-06	5.78E-06	5.24E-06	4.77E-06	3.25E-06
aluminum	5.00E+00	NA	5.76E-04	1.07E-02	3.20E-02	4.60E-02	3.73E-02	3.20E-02	1.75E-02	1.79E-02	9.37E-03	8.45E-03	8.41E-03	8.27E-03	8.07E-03	8.04E-03	8.15E-03
ammonium ion	1.00E+02	2.00E+02	3.71E-08	8.79E-07	4.01E-06	6.62E-06	5.87E-06	4.46E-06	7.96E-07	5.82E-06	5.55E-06	5.64E-06	5.62E-06	5.59E-06	5.52E-06	5.49E-06	5.56E-06
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	1.50E-02	1.50E-02	4.88E-05	9.13E-04	2.76E-03	3.99E-03	3.28E-03	2.78E-03	1.48E-03	1.27E-03	5.53E-04	4.77E-04	4.72E-04	4.58E-04	4.38E-04	4.33E-04	4.37E-04
barium	5.00E-01	NA	6.14E-05	1.57E-03	5.94E-03	8.99E-03	1.21E-02	7.74E-03	2.03E-03	1.93E-02	1.84E-02	1.85E-02	1.84E-02	1.84E-02	1.83E-02	1.82E-02	1.82E-02
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	1.00E-02	2.00E-02	6.07E-05	1.15E-03	3.60E-03	5.28E-03	4.34E-03	3.65E-03	1.81E-03	1.09E-03	2.17E-04	1.34E-04	1.24E-04	1.02E-04	7.00E-05	5.88E-05	5.76E-05
chlorine	1.50E-01	2.00E-01	6.47E-04	1.22E-02	3.70E-02	5.36E-02	4.52E-02	3.77E-02	1.97E-02	1.91E-02	9.37E-03	8.22E-03	7.97E-03	7.60E-03	7.14E-03	6.88E-03	6.03E-03
chromium (VI)	1.00E-01	2.00E-01	2.00E-06	3.84E-05	1.18E-04	1.72E-04	1.53E-04	1.23E-04	6.13E-05	8.61E-05	5.65E-05	5.36E-05	5.33E-05	5.25E-05	5.14E-05	5.10E-05	5.06E-05
cobalt	6.00E-03	NA	6.84E-04	1.27E-02	3.83E-02	5.53E-02	4.51E-02	3.84E-02	2.08E-02	1.43E-02	4.16E-03	3.02E-03	2.91E-03	2.67E-03	2.35E-03	2.24E-03	2.05E-03
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
manganese	5.00E-02	9.00E-02	3.89E-04	7.30E-03	2.21E-02	3.18E-02	2.67E-02	2.24E-02	1.19E-02	1.32E-02	7.41E-03	6.81E-03	6.77E-03	6.66E-03	6.50E-03	6.45E-03	6.48E-03
mercury	3.00E-01	3.00E-02	2.10E-05	4.01E-04	1.28E-03	1.89E-03	1.56E-03	1.31E-03	6.20E-04	4.64E-04	1.68E-04	1.42E-04	1.38E-04	1.30E-04	1.18E-04	1.14E-04	1.15E-04
nickel	9.00E-02	1.40E-02	1.67E-04	3.32E-03	1.06E-02	1.55E-02	1.48E-02	1.14E-02	5.14E-03	1.13E-02	8.86E-03	8.65E-03	8.60E-03	8.51E-03	8.39E-03	8.32E-03	8.21E-03
non-phosphate phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	2.00E+01	2.00E+01	4.98E-09	1.03E-07	3.62E-07	5.51E-07	5.15E-07	3.95E-07	1.44E-07	3.12E-07	2.47E-07	2.44E-07	2.43E-07	2.40E-07	2.35E-07	2.32E-07	2.32E-07
silicon	3.00E+00	3.00E+00	2.47E-03	4.59E-02	1.38E-01	1.98E-01	1.62E-01	1.38E-01	7.52E-02	8.39E-02	4.73E-02	4.34E-02	4.33E-02	4.27E-02	4.18E-02	4.17E-02	4.22E-02
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	1.00E-01	NA	1.01E-04	1.90E-03	5.78E-03	8.36E-03	7.08E-03	5.89E-03	3.07E-03	3.07E-03	1.58E-03	1.42E-03	1.41E-03	1.38E-03	1.34E-03	1.32E-03	1.32E-03
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	5.00E+00	5.00E+00	1.56E-04	5.13E-03	3.17E-02	5.57E-02	5.10E-02	3.70E-02	7.78E-04	3.48E-04	1.23E-03	2.57E-03	2.12E-03	1.62E-03	7.61E-04	1.63E-04	1.56E-03
TOTAL			0.005	0.10	0.34	0.50	0.43	0.35	0.16	0.19	0.11	0.10	0.10	0.10	0.10	0.10	0.10

NA = Not Available  
 NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

# Construction

## 1-2 Mitigated

**Table 1-2.1A**  
**2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2017 Mitigated Construction Through 2035 Operations - Lifetime Exposure**  
**30-Year Adult Resident Scenario**  
**(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)**

Exposure Parameters	3rd Trimester	Ages 0-2	Ages 2-9	Ages 2-16	Ages 16-30	Ages 16-70	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )																									
Daily Breathing Rate (DBR)	361 L/kg-d	1090 L/kg-d	861 L/kg-d	745 L/kg-d	335 L/kg-d	290 L/kg-d	Construction											Operation														
Fraction of Year (EF)	0.96 unitless	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035					
Absorption Fraction (A)	1 unitless	TAC																														
Conversion Factor (CF)	0.000001 m <sup>3</sup> /L	1,2,4-trimethylbenzene																														
Age-adjustment (ASF)	10 unitless	10 unitless	3 unitless	3 unitless	1 unitless	1 unitless	1,3-butadiene																									
Fraction of Averaging Time (ED)	0.00357 unitless	0.01429 unitless	0.01429 unitless	0.01429 unitless	0.2 unitless	0.771 unitless	2,2,4-trimethylpentane																									
Fraction of Time at Home (FAH)	1.00 unitless	1.00 unitless	1.00 unitless	1 unitless	0.73 unitless	0.73 unitless	acetaldehyde																									
							acrolein																									
							benzene																									
							cumene																									
							cyclohexane																									
							ethylbenzene																									
							ethylene																									
							formaldehyde																									
							hexane, n-																									
							isoprene, except from vegetativ																									
							methyl alcohol																									
							methyl ethyl ketone																									
							naphthalene																									
							propionaldehyde																									
							propylene																									
							styrene																									
							toluene																									
							xylene (total)																									
							aluminum																									
							ammonium Ion																									
							antimony																									
							arsenic																									
							barium																									
							bromine																									
							cadmium																									
							chlorine																									
							chromium (VI)																									
							cobalt																									
							copper																									
							lead																									
							manganese																									
							mercury																									
							nickel																									
							non-phosphate phosphorous																									
							phosphorus																									
							selenium																									
							silicon																									
							silver																									
							sulfates																									
							thallium																									
							vanadium																									
							zinc																									
							Diesel PM																									

<sup>1</sup> Residential Maximum Grid No 1431  
 NA = Not Available  
 ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day  
 NC = Not Calculated

Source: CDM Smith, 2016





Table 1-2.1B  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2017 Mitigated Construction Through 2035 Operations - Lifetime Exposure  
 70-Year Adult Resident Scenario  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**Equations**  
 Risk = Cair\*DBR\*EF\*CF\*A\*ASF\*ED\*FAH\*CPF  
 HQ = Cair / REL  
 Where: HQ = Hazard Quotient      Cair = Exposure Concentration  
          DBR = Daily Breathing Rate      ASF = Age sensitivity factor  
          EF = Fraction of Year      ED = Fraction of Averaging time  
          A = Absorption Fraction      FAH = Fraction of Time at Home  
          CF = Conversion Factor      CPF = Cancer Potency Factor

TAC	Toxicity Criteria		Cancer Risk to Adult 30-Year Resident																		TOTAL Cancer Risk to Resident for Max Location	
	EPA Inhalation CPF (mg/kg-day) <sup>-1</sup>	CalEPA Inhalation CPF (mg/kg-day) <sup>-1</sup>	Construction										Construction and Operations					Operation				
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2087			
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC		
1,3-butadiene	1.05E-01	6.00E-01	1.14E-10	3.01E-09	2.40E-09	2.27E-09	1.52E-09	1.36E-09	1.81E-10	2.88E-08	2.86E-08	2.87E-08	2.72E-08	2.56E-08	2.36E-08	2.17E-08	2.04E-08	2.10E-09	1.97E-09	1.84E-09	7.69E-08	2.98E-07
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	7.70E-03	1.00E-02	6.10E-11	1.32E-09	1.22E-09	1.12E-09	6.12E-10	6.36E-10	8.19E-11	4.48E-10	1.03E-09	1.72E-09	1.57E-09	1.36E-09	8.52E-10	4.84E-10	4.15E-10	4.52E-11	4.50E-11	4.48E-11	2.01E-09	1.51E-08
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	2.73E-02	1.00E-01	1.80E-10	4.31E-09	3.70E-09	3.45E-09	2.09E-09	2.00E-09	2.63E-10	2.21E-08	2.29E-08	2.40E-08	2.27E-08	2.12E-08	1.89E-08	1.69E-08	1.58E-08	1.63E-09	1.54E-09	1.44E-09	6.03E-08	2.45E-07
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	8.75E-03	8.70E-03	2.78E-12	7.54E-11	5.92E-11	5.61E-11	3.84E-11	3.37E-11	4.54E-12	8.08E-10	7.98E-10	7.94E-10	7.54E-10	7.11E-10	6.56E-10	6.07E-10	5.71E-10	5.88E-11	5.51E-11	5.14E-11	2.15E-09	8.28E-09
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	4.55E-02	2.10E-02	2.58E-10	5.61E-09	5.15E-09	4.75E-09	2.61E-09	2.70E-09	3.48E-10	3.75E-09	6.12E-09	8.95E-09	8.22E-09	7.27E-09	5.06E-09	3.43E-09	3.05E-09	3.25E-10	3.15E-10	3.05E-10	1.33E-08	8.15E-08
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetati	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	1.19E-01	1.20E-01	9.28E-12	2.10E-10	1.87E-10	1.73E-10	9.91E-11	9.95E-11	1.29E-11	5.26E-10	5.93E-10	6.77E-10	6.35E-10	5.84E-10	4.88E-10	4.14E-10	3.84E-10	3.98E-11	3.76E-11	3.55E-11	1.50E-09	6.70E-09
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	1.51E+01	1.20E+01	1.66E-10	2.14E-09	1.45E-09	1.42E-09	1.15E-09	1.61E-09	4.99E-10	6.62E-09	6.84E-09	7.02E-09	6.90E-09	6.77E-09	6.49E-09	6.41E-09	6.41E-09	7.02E-10	7.04E-10	7.05E-10	3.18E-08	9.58E-08
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	6.30E+00	1.50E+01	3.44E-10	4.43E-09	3.03E-09	2.96E-09	2.36E-09	3.30E-09	1.02E-09	1.96E-09	2.44E-09	2.85E-09	2.57E-09	2.27E-09	1.64E-09	1.44E-09	1.40E-09	1.54E-10	1.54E-10	1.55E-10	6.99E-09	4.14E-08
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	4.20E+01	5.10E+02	3.97E-09	5.75E-08	3.84E-08	3.74E-08	3.18E-08	4.09E-08	1.23E-08	4.41E-07	4.46E-07	4.54E-07	4.49E-07	4.44E-07	4.35E-07	4.30E-07	4.28E-07	4.68E-08	4.67E-08	4.66E-08	2.09E-06	5.98E-06
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	4.20E-02	1.69E-11	2.15E-10	1.45E-10	1.43E-10	1.16E-10	1.62E-10	5.07E-11	2.35E-10	2.55E-10	2.71E-10	2.58E-10	2.45E-10	2.17E-10	2.09E-10	2.08E-10	2.28E-11	2.28E-11	2.29E-11	1.03E-09	3.85E-09
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	8.40E-01	9.10E-01	4.27E-11	6.88E-10	4.57E-10	4.42E-10	3.89E-10	4.67E-10	1.37E-10	8.99E-09	9.05E-09	9.16E-09	9.09E-09	9.01E-09	8.87E-09	8.78E-09	8.75E-09	9.55E-10	9.52E-10	9.49E-10	4.26E-08	1.20E-07
non-phosphate phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	1.05E+00	1.10E+00	1.78E-08	3.22E-07	3.06E-07	2.62E-07	1.38E-07	1.52E-07	2.12E-08	5.56E-08	2.19E-07	4.11E-07	3.71E-07	3.01E-07	1.56E-07	4.65E-08	2.32E-08	2.11E-09	1.69E-09	1.27E-09	3.80E-06	6.60E-06
TOTAL			2.29E-08	4.01E-07	3.63E-07	3.16E-07	1.81E-07	2.05E-07	3.62E-08	5.71E-07	7.44E-07	9.49E-07	8.99E-07	8.21E-07	6.57E-07	5.37E-07	5.09E-07	5.49E-08	5.42E-08	5.34E-08	6.13E-06	1.35E-05

NA = Not Available  
 NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016



Table 1-2.1C  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2017 Mitigated Construction Through 2035 Operations - Lifetime Exposure  
 Child Resident Scenario (Maximum 2019-2024)  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

HQ = Hazard Quotient  
 DBR = Daily Breathing Rate  
 EF = Fraction of Year  
 A = Absorption Fraction  
 CF = Conversion Factor  
 Cair = Exposure Concentration  
 ASF = Age sensitivity factor  
 ED = Fraction of Averaging time  
 FAH = Fraction of Time at Home  
 CPF = Cancer Potency Factor

TAC	Toxicity Criteria		Cancer Risk to Child Resident						2019-2024	TOTAL Cancer Risk 6-yr Child Resident for Max Location
	EPA Inhalation CPF (mg/kg-day) <sup>1</sup>	CalEPA Inhalation CPF (mg/kg-day) <sup>1</sup>	Construction					Construction and Operation		
			2019	2020	2021	2022	2023	2024		
			3rd Tri & 0<2	Ages 0<2	Ages 2<9	Ages 2<9	Ages 2<9	Ages 2<9		
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	
1,3-butadiene	1.05E-01	6.00E-01	2.43E-08	3.08E-08	6.40E-09	3.76E-09	3.33E-10	1.11E-08	7.67E-08	
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	
acetaldehyde	7.70E-03	1.00E-02	1.16E-08	1.43E-08	2.49E-09	1.65E-09	1.40E-10	2.22E-10	3.04E-08	
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	
benzene	2.73E-02	1.00E-01	3.63E-08	4.54E-08	8.65E-09	5.37E-09	4.67E-10	8.60E-09	1.05E-07	
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	
ethylbenzene	8.75E-03	8.70E-03	6.04E-10	7.67E-10	1.63E-10	9.43E-11	8.38E-12	3.11E-10	1.95E-09	
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	
formaldehyde	4.55E-02	2.10E-02	4.92E-08	6.08E-08	1.06E-08	6.99E-09	5.97E-10	1.65E-09	1.30E-07	
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	
naphthalene	1.19E-01	1.20E-01	1.81E-09	2.25E-09	4.07E-10	2.61E-10	2.25E-11	2.08E-10	4.95E-09	
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	
ammonium Ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	
arsenic	1.51E+01	1.20E+01	3.31E-08	4.25E-08	8.00E-09	5.40E-09	3.81E-09	4.89E-09	9.77E-08	
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	
cadmium	6.30E+00	1.50E+01	6.78E-08	8.70E-08	1.62E-08	1.10E-08	7.73E-09	5.00E-09	1.95E-07	
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	
chromium (VI)	4.20E+01	5.10E+02	8.39E-07	1.07E-06	2.18E-07	1.40E-07	9.04E-08	2.36E-07	2.60E-06	
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	
lead	NA	4.20E-02	3.35E-09	4.31E-09	8.06E-10	5.46E-10	3.89E-10	3.10E-10	9.71E-09	
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	
nickel	8.40E-01	9.10E-01	9.53E-09	1.22E-08	2.62E-09	1.62E-09	9.59E-10	4.33E-09	3.12E-08	
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	
Diesel PM	1.05E+00	1.10E+00	2.89E-06	3.33E-06	5.66E-07	3.87E-07	3.58E-08	3.19E-08	7.24E-06	
<b>TOTAL</b>			<b>3.96E-06</b>	<b>4.70E-06</b>	<b>8.40E-07</b>	<b>5.64E-07</b>	<b>1.41E-07</b>	<b>3.05E-07</b>	<b>1.05E-05</b>	

NA = Not Available  
 NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day



Table 1-2.1D  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2017 Mitigated Construction Through 2035 Operations - Lifetime Exposure  
 Child Resident Scenario (Maximum 2019-2027)  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**Equations**

Risk = Cair\*DBR\*EF\*CF\*A\*ASF\*ED\*FAH\*CPF

HQ = Cair / REL

Where:                      HQ = Hazard Quotient                      Cair = Exposure Concentration  
                                  DBR = Daily Breathing Rate                      ASF = Age sensitivity factor  
                                  EF = Fraction of Year                              ED = Fraction of Averaging time  
                                  A = Absorption Fraction                              FAH = Fraction of Time at Home  
                                  CF = Conversion Factor                              CPF = Cancer Potency Factor

TAC	Toxicity Criteria		Cancer Risk to Child Resident										2019-2027
	EPA	CalEPA	Construction					Construction and Operation					TOTAL
	Inhalation CPF (mg/kg-day) <sup>-1</sup>	Inhalation CPF (mg/kg-day) <sup>-1</sup>	2019	2020	2021	2022	2023	2024	2025	2026	2027	9-yr Child Resident for Max Location	
			3rd Tri & 0<2	Ages 0<2	Ages 2<9	Ages 2<9	Ages 2<9	Ages 2<9	Ages 2<9	Ages 2<9	Ages 2<9		
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
1,3-butadiene	1.05E-01	6.00E-01	2.43E-08	3.08E-08	6.40E-09	3.76E-09	3.33E-10	1.11E-08	1.10E-08	1.10E-08	1.04E-08	1.09E-07	
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
acetaldehyde	7.70E-03	1.00E-02	1.16E-08	1.43E-08	2.49E-09	1.65E-09	1.40E-10	2.22E-10	4.42E-10	7.39E-10	6.80E-10	3.23E-08	
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
benzene	2.73E-02	1.00E-01	3.63E-08	4.54E-08	8.65E-09	5.37E-09	4.67E-10	8.60E-09	8.84E-09	9.33E-09	8.78E-09	1.32E-07	
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ethylbenzene	8.75E-03	8.70E-03	6.04E-10	7.67E-10	1.63E-10	9.43E-11	8.38E-12	3.11E-10	3.05E-10	3.04E-10	2.87E-10	2.84E-09	
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
formaldehyde	4.55E-02	2.10E-02	4.92E-08	6.08E-08	1.06E-08	6.99E-09	5.97E-10	1.65E-09	2.54E-09	3.76E-09	3.48E-09	1.40E-07	
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
isoprene, except from													
vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
naphthalene	1.19E-01	1.20E-01	1.81E-09	2.25E-09	4.07E-10	2.61E-10	2.25E-11	2.08E-10	2.33E-10	2.69E-10	2.52E-10	5.71E-09	
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ammonium Ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
arsenic	1.51E+01	1.20E+01	3.31E-08	4.25E-08	8.00E-09	5.40E-09	3.81E-09	4.89E-09	3.12E-09	2.96E-09	2.94E-09	1.07E-07	
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cadmium	6.30E+00	1.50E+01	6.78E-08	8.70E-08	1.62E-08	1.10E-08	7.73E-09	5.00E-09	1.43E-09	1.12E-09	1.06E-09	1.98E-07	
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
chromium (VI)	4.20E+01	5.10E+02	8.39E-07	1.07E-06	2.18E-07	1.40E-07	9.04E-08	2.36E-07	1.95E-07	1.92E-07	1.91E-07	3.18E-06	
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
lead	NA	4.20E-02	3.35E-09	4.31E-09	8.06E-10	5.46E-10	3.89E-10	3.10E-10	1.28E-10	1.11E-10	1.08E-10	1.01E-08	
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
nickel	8.40E-01	9.10E-01	9.53E-09	1.22E-08	2.62E-09	1.62E-09	9.59E-10	4.33E-09	3.90E-09	3.88E-09	3.86E-09	4.28E-08	
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
Diesel PM	1.05E+00	1.10E+00	2.89E-06	3.33E-06	5.66E-07	3.87E-07	3.58E-08	3.19E-08	9.42E-08	1.76E-07	1.60E-07	7.67E-06	
<b>TOTAL</b>			<b>3.96E-06</b>	<b>4.70E-06</b>	<b>8.40E-07</b>	<b>5.64E-07</b>	<b>1.41E-07</b>	<b>3.05E-07</b>	<b>3.21E-07</b>	<b>4.02E-07</b>	<b>3.82E-07</b>	<b>1.16E-05</b>	

NA = Not Available  
 NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day



Table 1-2.1E  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2017 Mitigated Construction Through 2035 Operations - Lifetime Exposure  
 School Child Scenario, 9-year and 12-year  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

		Equations																		2022-2030	2019-2030
		Risk = Cair*DBR*EF*CF*A*ASF*ED*FAH*CPF																			
		HQ = Cair / REL																			
		Where: HQ = Hazard Quotient									Cair = Exposure Concentration										
		DBR = Daily Breathing Rate									ASF = Age sensitivity factor										
		EF = Fraction of Year									ED = Fraction of Averaging time										
		A = Absorption Fraction									FAH = Fraction of Time at Home										
		CF = Conversion Factor									CPF = Cancer Potency Factor										
Toxicity Criteria		Cancer Risk to School Child																		TOTAL	TOTAL
EPA CalEPA		Construction								Construction and Operation								Cancer Risk	Cancer Risk		
Inhalation CPF	Inhalation CPF	2019	2020	2021	2022	2022	2023	2023	2024	2025	2026	2027	2028	2028	2029	2029	2030	2030	9-yr School Child	12-yr School Child	
TAC	(mg/kg-day) <sup>1</sup>	(mg/kg-day) <sup>1</sup>	Ages 2<9	Ages 2<9	Ages 2<16	Ages 2<9	Ages 2<16	Ages 2<9	Ages 2<16	Ages 2<16	Ages 2<16	Ages 2<16	Ages 2<16	Ages 2<16	Ages 2<16	Ages 2<16	Ages 2<16	Ages 2<16	for Max Location	for Max Location	
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
1,3-butadiene	1.05E-01	6.00E-01	2.54E-09	3.08E-09	1.99E-09	2.33E-09	1.89E-09	1.82E-10	1.48E-10	1.79E-08	1.80E-08	1.70E-08	1.60E-08	2.46E-09	1.46E-08	2.24E-09	1.33E-08	2.05E-09	1.17E-07	8.72E-08	
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
acetaldehyde	7.70E-03	1.00E-02	1.26E-09	1.48E-09	7.78E-10	1.09E-09	8.86E-10	7.99E-11	6.50E-11	2.84E-10	6.99E-10	1.19E-09	1.09E-09	9.39E-10	1.44E-10	5.77E-10	8.88E-11	3.15E-10	4.84E-11	6.26E-09	
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
benzene	2.73E-02	1.00E-01	3.87E-09	4.61E-09	2.70E-09	3.44E-09	2.80E-09	2.60E-10	2.12E-10	1.38E-08	1.44E-08	1.52E-08	1.43E-08	1.33E-08	2.05E-09	1.17E-08	1.81E-09	1.04E-08	1.60E-09	9.70E-08	
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ethylbenzene	8.75E-03	8.70E-03	6.26E-11	7.63E-11	5.05E-11	5.79E-11	4.70E-11	4.55E-12	3.70E-12	5.02E-10	4.97E-10	4.97E-10	4.71E-10	4.43E-10	6.81E-11	4.06E-10	6.24E-11	3.73E-10	5.73E-11	3.25E-09	
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
formaldehyde	4.55E-02	2.10E-02	5.35E-09	6.28E-09	3.32E-09	4.63E-09	3.76E-09	3.40E-10	2.76E-10	2.35E-09	4.05E-09	6.09E-09	5.58E-09	4.91E-09	7.55E-10	3.33E-09	5.13E-10	2.17E-09	3.34E-10	3.35E-08	
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
naphthalene	1.19E-01	1.20E-01	1.95E-10	2.31E-10	1.27E-10	1.71E-10	1.39E-10	1.27E-11	1.03E-11	3.28E-10	3.77E-10	4.39E-10	4.10E-10	3.75E-10	5.77E-11	3.08E-10	4.74E-11	2.56E-10	3.94E-11	2.68E-09	
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ammonium ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
arsenic	1.51E+01	1.20E+01	2.62E-09	3.03E-09	2.03E-09	3.40E-09	2.76E-09	1.13E-09	9.19E-10	4.16E-09	4.04E-09	4.13E-09	4.03E-09	3.93E-09	6.04E-10	3.71E-09	5.71E-10	3.64E-09	5.60E-10	3.22E-08	
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cadmium	6.30E+00	1.50E+01	5.42E-09	6.24E-09	4.12E-09	6.95E-09	5.64E-09	2.30E-09	1.87E-09	1.85E-09	1.65E-09	1.88E-09	1.67E-09	1.44E-09	2.22E-10	9.73E-10	1.50E-10	8.22E-10	1.26E-10	1.95E-08	
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
chromium (VI)	4.20E+01	5.10E+02	6.62E-08	7.70E-08	5.53E-08	8.62E-08	7.01E-08	2.71E-08	2.20E-08	2.62E-07	2.59E-07	2.64E-07	2.60E-07	2.56E-07	3.94E-08	2.48E-07	3.82E-08	2.45E-07	3.76E-08	1.91E-06	
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
lead	NA	4.20E-02	2.65E-10	3.06E-10	2.04E-10	3.44E-10	2.79E-10	1.15E-10	9.37E-11	1.71E-10	1.58E-10	1.66E-10	1.56E-10	1.46E-10	2.25E-11	1.25E-10	1.92E-11	1.19E-10	1.83E-11	1.50E-09	
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
nickel	8.40E-01	9.10E-01	7.51E-10	8.78E-10	6.67E-10	9.80E-10	7.96E-10	2.91E-10	2.37E-10	5.27E-09	5.24E-09	5.31E-09	5.25E-09	5.19E-09	7.98E-10	5.08E-09	7.81E-10	5.00E-09	7.70E-10	3.76E-08	
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
Diesel PM	1.05E+00	1.10E+00	3.17E-07	3.45E-07	1.77E-07	2.63E-07	2.13E-07	2.03E-08	1.65E-08	3.46E-08	1.52E-07	2.89E-07	2.61E-07	2.12E-07	3.26E-08	1.08E-07	1.66E-08	3.00E-08	4.61E-09	1.37E-06	
TOTAL			4.05E-07	4.49E-07	2.49E-07	3.72E-07	3.02E-07	5.21E-08	4.23E-08	3.43E-07	4.60E-07	6.06E-07	5.71E-07	5.15E-07	7.92E-08	3.97E-07	6.11E-08	3.11E-07	4.78E-08	3.63E-06	

NA = Not Available  
 ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day







Table 1-2.3  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2017 Mitigated Construction Through 2035 Operations - Lifetime Exposure  
 Worker Scenario  
 (Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)

**Equations**

Risk = Cair\*DBR\*EF\*CF\*A\*ASF\*ED\*FAH\*CPF

HQ = Cair / REL

Where: HQ = Hazard Quotient      Cair = Exposure Concentration  
 DBR = Daily Breathing Rate      ASF = Age sensitivity factor  
 EF = Fraction of Year              ED = Fraction of Averaging time  
 A = Absorption Fraction          FAH = Fraction of Time at Home  
 CF = Conversion Factor          CPF = Cancer Potency Factor

TAC	Toxicity Criteria		Cancer Risk to Worker																		TOTAL Cancer Risk to Worker for Max Location	
	EPA Inhalation CPF	CalEPA Inhalation CPF	Construction										Construction and Operations						Operation			
	(mg/kg-day) <sup>-1</sup>	(mg/kg-day) <sup>-1</sup>	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		2035-2041
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
1,3-butadiene	1.05E-01	6.00E-01	8.83E-12	3.38E-10	7.55E-10	4.43E-10	1.29E-10	4.54E-11	6.54E-11	1.77E-09	1.86E-09	1.99E-09	1.89E-09	1.77E-09	1.57E-09	1.41E-09	1.33E-09	1.21E-09	1.16E-09	1.10E-09	7.28E-09	2.61E-08
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	7.70E-03	1.00E-02	4.57E-12	1.53E-10	3.92E-10	2.35E-10	6.88E-11	2.38E-11	3.02E-11	4.57E-11	1.37E-10	2.48E-10	2.30E-10	1.96E-10	1.19E-10	6.35E-11	5.56E-11	5.61E-11	5.88E-11	6.15E-11	4.50E-10	2.63E-09
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	2.73E-02	1.00E-01	1.37E-11	4.90E-10	1.18E-09	6.98E-10	2.04E-10	7.10E-11	9.60E-11	1.39E-09	1.60E-09	1.87E-09	1.77E-09	1.62E-09	1.35E-09	1.15E-09	1.07E-09	9.91E-10	9.52E-10	9.13E-10	6.12E-09	2.35E-08
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	8.75E-03	8.70E-03	2.17E-13	8.44E-12	1.85E-11	1.08E-11	3.16E-12	1.11E-12	1.63E-12	4.96E-11	5.14E-11	5.43E-11	5.16E-11	4.84E-11	4.33E-11	3.91E-11	3.69E-11	3.37E-11	3.21E-11	3.04E-11	2.02E-10	7.16E-10
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	4.55E-02	2.10E-02	1.93E-11	6.48E-10	1.66E-09	9.95E-10	2.91E-10	1.00E-10	1.28E-10	3.05E-10	6.86E-10	1.15E-09	1.07E-09	9.22E-10	5.91E-10	3.54E-10	3.16E-10	3.10E-10	3.18E-10	3.25E-10	2.33E-09	1.25E-08
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	1.19E-01	1.20E-01	7.00E-13	2.41E-11	6.00E-11	3.59E-11	1.05E-11	3.63E-12	4.74E-12	3.45E-11	4.71E-11	6.27E-11	5.88E-11	5.28E-11	4.01E-11	3.07E-11	2.84E-11	2.66E-11	2.60E-11	2.54E-11	1.74E-10	7.46E-10
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium Ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	1.51E+01	1.20E+01	3.77E-12	1.44E-10	1.60E-10	1.35E-10	4.80E-11	2.99E-11	2.11E-11	4.72E-10	5.62E-10	5.97E-10	5.89E-10	5.57E-10	5.11E-10	5.02E-10	5.07E-10	4.94E-10	5.01E-10	5.09E-10	3.61E-09	9.96E-09
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	6.30E+00	1.50E+01	8.15E-12	3.02E-10	3.53E-10	2.90E-10	1.02E-10	6.21E-11	4.38E-11	1.39E-10	3.16E-10	3.80E-10	3.49E-10	2.67E-10	1.52E-10	1.17E-10	1.12E-10	1.09E-10	1.11E-10	1.13E-10	8.02E-10	4.13E-09
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	4.20E+01	5.10E+02	9.57E-11	4.28E-09	5.38E-09	4.12E-09	1.40E-09	8.06E-10	7.89E-10	3.14E-08	3.39E-08	3.57E-08	3.56E-08	3.50E-08	3.37E-08	3.34E-08	3.37E-08	3.27E-08	3.30E-08	3.34E-08	2.37E-07	6.25E-07
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	4.20E-02	3.77E-13	1.43E-11	1.54E-11	1.33E-11	4.76E-12	3.00E-12	2.04E-12	1.66E-11	2.51E-11	2.78E-11	2.65E-11	2.28E-11	1.77E-11	1.65E-11	1.60E-11	1.63E-11	1.65E-11	1.65E-11	1.17E-10	3.89E-10
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	8.40E-01	9.10E-01	1.11E-12	5.54E-11	7.62E-11	5.47E-11	1.80E-11	9.71E-12	1.16E-11	6.39E-10	6.71E-10	7.02E-10	7.03E-10	6.97E-10	6.83E-10	6.79E-10	6.85E-10	6.64E-10	6.71E-10	6.78E-10	4.80E-09	1.25E-08
non-phosphate phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	1.05E+00	1.10E+00	1.32E-09	3.75E-08	9.89E-08	5.59E-08	1.52E-08	5.55E-09	8.01E-09	5.84E-09	3.13E-08	6.15E-08	5.62E-08	4.47E-08	2.19E-08	4.87E-09	1.53E-09	1.24E-09	1.02E-09	7.91E-10	3.96E-07	8.49E-07
<b>TOTAL</b>			<b>1.47E-09</b>	<b>4.39E-08</b>	<b>1.09E-07</b>	<b>6.29E-08</b>	<b>1.75E-08</b>	<b>6.71E-09</b>	<b>9.20E-09</b>	<b>4.21E-08</b>	<b>7.12E-08</b>	<b>1.04E-07</b>	<b>9.86E-08</b>	<b>8.58E-08</b>	<b>6.07E-08</b>	<b>4.26E-08</b>	<b>3.94E-08</b>	<b>3.78E-08</b>	<b>3.79E-08</b>	<b>3.80E-08</b>	<b>6.58E-07</b>	<b>1.57E-06</b>

NA = Not Available  
 NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016



Table 1-2.4  
 2015 OEHHHA Hazard Calculation for LAX Landside Access Modernization Program, 2017 Mitigated Construction Through 2035 Operations  
 Worker Scenario  
 (Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)

Equations																	
Risk = Cair*DBR*EF*CF*A*ASF*ED*FAH*CPF																	
HQ = Cair / REL																	
Where: HQ = Hazard Quotient      Cair = Exposure Concentration																	
DBR = Daily Breathing Rate      ASF = Age sensitivity factor																	
EF = Fraction of Year      ED = Fraction of Averaging time																	
A = Absorption Fraction      FAH = Fraction of Time at Home																	
CF = Conversion Factor      CPF = Cancer Potency Factor																	
TAC	Toxicity Criteria		Hazard Quotient to Worker														
	EPA RfC	CalEPA REL	Construction										Construction and Operation				
	(ug/m <sup>3</sup> )	(ug/m <sup>3</sup> )	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2035
1,2,4-trimethylbenzene	7.00E+00	NA	4.65E-07	2.32E-05	1.33E-04	2.49E-04	2.56E-04	1.86E-04	6.51E-06	1.35E-04	1.35E-04	1.38E-04	1.31E-04	1.22E-04	1.09E-04	9.84E-05	6.81E-05
1,3-butadiene	2.00E+00	2.00E+00	6.19E-07	3.34E-05	1.85E-04	3.49E-04	3.77E-04	2.63E-04	9.39E-06	2.62E-04	2.58E-04	2.44E-04	2.29E-04	2.08E-04	1.90E-04	1.31E-04	1.31E-04
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	9.00E+00	1.40E+02	2.88E-07	1.21E-05	7.44E-05	1.37E-04	1.25E-04	1.01E-04	3.34E-06	4.68E-06	8.86E-06	1.47E-05	1.36E-05	1.17E-05	7.46E-06	4.36E-06	3.95E-06
acrolein	2.00E-02	3.50E-01	1.37E-07	1.59E-05	6.99E-05	1.39E-04	2.08E-04	1.11E-04	4.65E-06	3.51E-04	3.35E-04	3.21E-04	3.04E-04	2.87E-04	2.70E-04	2.52E-04	1.71E-04
benzene	3.00E+01	3.00E+00	3.95E-06	1.88E-04	1.09E-03	2.04E-03	2.04E-03	1.52E-03	5.23E-05	8.14E-04	8.32E-04	8.77E-04	8.26E-04	7.66E-04	6.74E-04	5.98E-04	4.18E-04
cumene	4.00E+02	NA	2.84E-10	1.27E-08	7.61E-08	1.41E-07	1.35E-07	1.04E-07	3.52E-09	3.06E-08	3.33E-08	3.79E-08	3.55E-08	3.25E-08	2.72E-08	2.29E-08	1.65E-08
cyclohexane	6.00E+03	NA	6.50E-11	5.53E-09	2.63E-08	5.14E-08	6.91E-08	4.03E-08	1.60E-09	9.71E-08	9.30E-08	8.98E-08	8.50E-08	8.02E-08	7.49E-08	6.99E-08	4.75E-08
ethylbenzene	1.00E+03	2.00E+03	1.04E-09	5.80E-08	3.17E-07	6.00E-07	6.61E-07	4.54E-07	1.64E-08	5.06E-07	4.95E-07	4.93E-07	4.66E-07	4.37E-07	4.00E-07	3.66E-07	2.51E-07
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	9.80E+00	9.00E+00	9.00E-06	3.81E-04	2.34E-03	4.31E-03	3.96E-03	3.17E-03	1.05E-04	2.53E-04	3.78E-04	5.56E-04	5.15E-04	4.53E-04	3.14E-04	2.12E-04	1.75E-04
hexane, n-	7.00E+02	7.00E+03	2.09E-10	1.50E-08	7.51E-08	1.45E-07	1.82E-07	1.12E-07	4.29E-09	2.17E-07	2.09E-07	2.03E-07	1.92E-07	1.81E-07	1.68E-07	1.56E-07	1.06E-07
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	2.00E+04	4.00E+03	5.19E-11	2.98E-09	1.61E-08	3.06E-08	3.43E-08	2.32E-08	8.43E-10	2.83E-08	2.76E-08	2.74E-08	2.59E-08	2.43E-08	2.23E-08	2.05E-08	1.40E-08
methyl ethyl ketone	5.00E+03	NA	1.62E-09	6.79E-08	4.18E-07	7.71E-07	7.03E-07	5.67E-07	1.87E-08	2.01E-08	4.39E-08	7.73E-08	7.11E-08	6.10E-08	3.72E-08	2.00E-08	1.92E-08
naphthalene	3.00E+00	9.00E+00	5.66E-08	2.51E-06	1.51E-05	2.79E-05	2.66E-05	2.07E-05	6.96E-07	5.49E-06	6.08E-06	7.01E-06	6.57E-06	6.00E-06	4.95E-06	4.14E-06	2.98E-06
propionaldehyde	8.00E+00	NA	6.64E-07	2.79E-05	1.72E-04	3.17E-04	2.89E-04	2.33E-04	7.70E-06	1.06E-05	2.03E-05	3.38E-05	3.12E-05	2.69E-05	1.70E-05	9.90E-06	9.02E-06
propylene	3.00E+03	3.00E+03	5.11E-09	2.42E-07	1.41E-06	2.63E-06	2.62E-06	1.96E-06	6.74E-08	1.01E-06	1.04E-06	1.10E-06	1.03E-06	9.57E-07	8.40E-07	7.43E-07	5.20E-07
styrene	1.00E+03	9.00E+02	4.13E-10	2.09E-08	1.19E-07	2.22E-07	2.31E-07	1.67E-07	5.85E-09	1.28E-07	1.27E-07	1.30E-07	1.23E-07	1.14E-07	1.03E-07	9.30E-08	6.43E-08
toluene	5.00E+03	3.00E+02	3.38E-08	1.94E-06	1.05E-05	1.99E-05	2.23E-05	1.51E-05	5.49E-07	1.84E-05	1.80E-05	1.78E-05	1.68E-05	1.58E-05	1.45E-05	1.33E-05	9.12E-06
xylene (total)	1.00E+02	7.00E+02	1.07E-08	6.37E-07	3.41E-06	6.47E-06	7.39E-06	4.93E-06	1.81E-07	6.58E-06	6.40E-06	6.31E-06	5.97E-06	5.61E-06	5.16E-06	4.76E-06	3.25E-06
aluminum	5.00E+00	NA	5.63E-04	1.04E-02	3.13E-02	4.40E-02	3.60E-02	2.85E-02	1.75E-02	1.79E-02	9.25E-03	8.34E-03	8.31E-03	8.20E-03	8.06E-03	8.04E-03	8.15E-03
ammonium ion	1.00E+02	2.00E+02	2.51E-08	5.00E-07	1.71E-06	2.53E-06	2.14E-06	1.71E-06	7.48E-07	5.80E-06	5.48E-06	5.50E-06	5.51E-06	5.50E-06	5.49E-06	5.48E-06	5.56E-06
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	1.50E-02	1.50E-02	4.75E-05	8.84E-04	2.66E-03	3.75E-03	3.10E-03	2.44E-03	1.48E-03	1.27E-03	5.41E-04	4.65E-04	4.61E-04	4.51E-04	4.36E-04	4.33E-04	4.37E-04
barium	5.00E-01	NA	5.98E-05	1.54E-03	5.78E-03	8.60E-03	1.18E-02	7.25E-03	2.02E-03	1.93E-02	1.84E-02	1.84E-02	1.84E-02	1.84E-02	1.83E-02	1.82E-02	1.82E-02
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	1.00E-02	2.00E-02	5.81E-05	1.08E-03	3.26E-03	4.60E-03	3.77E-03	2.99E-03	1.80E-03	1.08E-03	1.97E-04	1.05E-04	1.00E-04	8.52E-05	6.48E-05	5.80E-05	5.76E-05
chlorine	1.50E-01	2.00E-01	6.31E-04	1.19E-02	3.60E-02	5.09E-02	4.34E-02	3.35E-02	1.97E-02	1.91E-02	9.23E-03	8.07E-03	7.84E-03	7.51E-03	7.12E-03	6.88E-03	6.03E-03
chromium (VI)	1.00E-01	2.00E-01	1.95E-06	3.74E-05	1.15E-04	1.64E-04	1.48E-04	1.11E-04	6.12E-05	8.60E-05	5.61E-05	5.32E-05	5.29E-05	5.23E-05	5.14E-05	5.10E-05	5.06E-05
cobalt	6.00E-03	NA	6.68E-04	1.24E-02	3.72E-02	5.25E-02	4.32E-02	3.41E-02	2.08E-02	1.43E-02	4.00E-03	2.87E-03	2.78E-03	2.58E-03	2.34E-03	2.24E-03	2.05E-03
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
manganese	5.00E-02	9.00E-02	3.80E-04	7.12E-03	2.15E-02	3.04E-02	2.57E-02	2.00E-02	1.18E-02	1.31E-02	7.32E-03	6.73E-03	6.70E-03	6.61E-03	6.49E-03	6.45E-03	6.48E-03
mercury	3.00E-01	3.00E-02	1.99E-05	3.70E-04	1.12E-03	1.59E-03	1.30E-03	1.03E-03	6.16E-04	4.61E-04	1.60E-04	1.30E-04	1.28E-04	1.23E-04	1.16E-04	1.13E-04	1.15E-04
nickel	9.00E-02	1.40E-02	1.63E-04	3.22E-03	1.02E-02	1.46E-02	1.41E-02	1.02E-02	5.13E-03	1.13E-02	8.82E-03	8.60E-03	8.56E-03	8.49E-03	8.38E-03	8.31E-03	8.21E-03
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	2.00E+01	2.00E+01	4.54E-09	8.98E-08	2.88E-07	4.15E-07	3.95E-07	2.90E-07	1.42E-07	3.11E-07	2.44E-07	2.39E-07	2.38E-07	2.37E-07	2.34E-07	2.32E-07	2.32E-07
silicon	3.00E+00	3.00E+00	2.41E-03	4.48E-02	1.35E-01	1.89E-01	1.56E-01	1.23E-01	7.51E-02	8.37E-02	4.68E-02	4.30E-02	4.29E-02	4.24E-02	4.18E-02	4.17E-02	4.22E-02
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	1.00E-01	NA	9.85E-05	1.85E-03	5.62E-03	7.94E-03	6.79E-03	5.24E-03	3.07E-03	3.06E-03	1.56E-03	1.40E-03	1.39E-03	1.37E-03	1.33E-03	1.32E-03	1.32E-03
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	5.00E+00	5.00E+00	2.00E-05	7.58E-04	4.71E-03	8.12E-03	7.32E-03	6.08E-03	2.16E-04	1.76E-04	4.78E-04	8.90E-04	8.10E-04	6.51E-04	3.35E-04	9.68E-05	1.56E-05
<b>TOTAL</b>			<b>0.0051</b>	<b>0.10</b>	<b>0.30</b>	<b>0.42</b>	<b>0.36</b>	<b>0.28</b>	<b>0.16</b>	<b>0.19</b>	<b>0.11</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>

NA = Not Available  
 NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

## Screening Analysis - Operation

### 1-3 2024 With Project vs. 2024 Without Project







**Table 1-3.1D**  
**2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project Operations**  
**- Screening Analysis - Lifetime Exposure, School Child Scenario, 9-year and 12-year**  
**(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)**

Exposure Parameters	Ages 2<9	Ages 2<16	Ages 16<30		Start Age	End Age
Daily Breathing Rate (DBR)	861 L/kg-d	745 L/kg-d	335 L/kg-d	Child Resident	0	9 Year
Fraction of Year (EF)	0.96 unitless	0.96 unitless	0.96 unitless	School Child 9-yr	7	15 Year
Absorption Fraction (A)	1 unitless	1 unitless	1 unitless	School Child 12-yr	7	18 Year
Conversion Factor (CF)	0.000001 m <sup>3</sup> /L	0.000001 m <sup>3</sup> /L	0.000001 m <sup>3</sup> /L	30-year Resident	0	30 Year
Age-adjustment (ASF)	3 unitless	3 unitless	1 unitless	70-year Resident	0	70 Year
Fraction of Averaging Time (ED)	0.01429 unitless	0.01429 unitless	0.01429 unitless			
Fraction of Time at Home (FAH)	1.00 unitless	1 unitless	0.73 unitless			
School Child 8-hr Daily Breathing Rate	640 L/kg-d	520 L/kg-d	240 L/kg-d			
School Child Fraction of Time at Home	1 unitless	1 unitless	1 unitless			

TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )											
	Operation by Year											
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1,2,4-trimethylbenzene	2.81E-03	2.69E-03	2.58E-03	2.46E-03	2.35E-03	2.23E-03	2.12E-03	2.00E-03	1.88E-03	1.77E-03	1.65E-03	1.54E-03
1,3-butadiene	1.57E-03	1.50E-03	1.44E-03	1.37E-03	1.31E-03	1.24E-03	1.18E-03	1.11E-03	1.05E-03	9.80E-04	9.15E-04	8.50E-04
2,2,4-trimethylpentane	6.60E-03	6.33E-03	6.05E-03	5.77E-03	5.49E-03	5.21E-03	4.93E-03	4.65E-03	4.38E-03	4.10E-03	3.82E-03	3.54E-03
acetaldehyde	1.40E-03	1.39E-03	1.39E-03	1.38E-03	1.37E-03	1.37E-03	1.36E-03	1.35E-03	1.35E-03	1.34E-03	1.34E-03	1.33E-03
acrolein	3.71E-04	3.55E-04	3.40E-04	3.24E-04	3.08E-04	2.92E-04	2.77E-04	2.61E-04	2.45E-04	2.29E-04	2.13E-04	1.98E-04
benzene	7.21E-03	6.92E-03	6.63E-03	6.34E-03	6.04E-03	5.75E-03	5.46E-03	5.17E-03	4.88E-03	4.58E-03	4.29E-03	4.00E-03
cumene	3.53E-05	3.40E-05	3.26E-05	3.13E-05	2.99E-05	2.86E-05	2.72E-05	2.58E-05	2.45E-05	2.31E-05	2.18E-05	2.04E-05
cyclohexane	1.76E-03	1.68E-03	1.61E-03	1.53E-03	1.46E-03	1.38E-03	1.31E-03	1.24E-03	1.16E-03	1.09E-03	1.01E-03	9.38E-04
ethylbenzene	3.03E-03	2.90E-03	2.78E-03	2.65E-03	2.52E-03	2.40E-03	2.27E-03	2.14E-03	2.02E-03	1.89E-03	1.76E-03	1.64E-03
ethylene	1.93E-02	1.86E-02	1.79E-02	1.72E-02	1.65E-02	1.57E-02	1.50E-02	1.43E-02	1.36E-02	1.29E-02	1.22E-02	1.14E-02
formaldehyde	5.70E-03	5.56E-03	5.43E-03	5.29E-03	5.16E-03	5.02E-03	4.88E-03	4.75E-03	4.61E-03	4.48E-03	4.34E-03	4.21E-03
hexane, n-	4.57E-03	4.38E-03	4.18E-03	3.99E-03	3.80E-03	3.60E-03	3.41E-03	3.22E-03	3.02E-03	2.83E-03	2.64E-03	2.44E-03
isoprene, except from vegetative emission sources	4.05E-04	3.88E-04	3.71E-04	3.53E-04	3.36E-04	3.19E-04	3.02E-04	2.84E-04	2.67E-04	2.50E-04	2.33E-04	2.16E-04
methyl alcohol	3.40E-04	3.26E-04	3.11E-04	2.97E-04	2.83E-04	2.69E-04	2.54E-04	2.40E-04	2.26E-04	2.12E-04	1.98E-04	1.83E-04
methyl ethyl ketone	1.86E-04	1.89E-04	1.91E-04	1.94E-04	1.97E-04	2.00E-04	2.03E-04	2.06E-04	2.08E-04	2.11E-04	2.14E-04	2.17E-04
naphthalene	1.42E-04	1.37E-04	1.31E-04	1.26E-04	1.21E-04	1.15E-04	1.10E-04	1.04E-04	9.90E-05	9.37E-05	8.83E-05	8.29E-05
propionaldehyde	1.79E-04	1.78E-04	1.78E-04	1.77E-04	1.77E-04	1.76E-04	1.75E-04	1.75E-04	1.74E-04	1.74E-04	1.73E-04	1.73E-04
propylene	8.95E-03	8.59E-03	8.22E-03	7.86E-03	7.50E-03	7.14E-03	6.78E-03	6.42E-03	6.06E-03	5.69E-03	5.33E-03	4.97E-03
styrene	3.42E-04	3.28E-04	3.14E-04	3.00E-04	2.86E-04	2.72E-04	2.58E-04	2.43E-04	2.29E-04	2.15E-04	2.01E-04	1.87E-04
toluene	1.66E-02	1.59E-02	1.52E-02	1.45E-02	1.38E-02	1.31E-02	1.24E-02	1.17E-02	1.10E-02	1.03E-02	9.62E-03	8.93E-03
xylene (total)	1.38E-02	1.32E-02	1.27E-02	1.21E-02	1.15E-02	1.09E-02	1.03E-02	9.76E-03	9.18E-03	8.60E-03	8.02E-03	7.44E-03
aluminum	1.06E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.09E-01	1.09E-01	1.09E-01
ammonium ion	2.90E-03	2.91E-03	2.92E-03	2.92E-03	2.93E-03	2.94E-03	2.95E-03	2.95E-03	2.96E-03	2.97E-03	2.97E-03	2.98E-03
antimony	6.77E-05	6.78E-05	6.80E-05	6.82E-05	6.83E-05	6.85E-05	6.87E-05	6.88E-05	6.90E-05	6.92E-05	6.93E-05	6.95E-05
arsenic	1.72E-05	1.73E-05	1.73E-05	1.73E-05	1.74E-05	1.74E-05	1.74E-05	1.74E-05	1.75E-05	1.75E-05	1.75E-05	1.76E-05
barium	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.43E-02
bromine	4.95E-05	4.88E-05	4.82E-05	4.76E-05	4.69E-05	4.63E-05	4.57E-05	4.50E-05	4.44E-05	4.38E-05	4.31E-05	4.25E-05
cadmium	3.00E-06	3.01E-06	3.02E-06	3.03E-06	3.04E-06	3.04E-06	3.05E-06	3.06E-06	3.07E-06	3.07E-06	3.08E-06	3.09E-06
chlorine	4.55E-03	4.46E-03	4.37E-03	4.28E-03	4.18E-03	4.09E-03	4.00E-03	3.91E-03	3.82E-03	3.73E-03	3.64E-03	3.55E-03
chromium (VI)	2.78E-05	2.78E-05	2.77E-05	2.76E-05	2.76E-05	2.75E-05	2.75E-05	2.74E-05	2.74E-05	2.73E-05	2.73E-05	2.72E-05
cobalt	4.17E-05	4.12E-05	4.06E-05	4.00E-05	3.94E-05	3.88E-05	3.82E-05	3.76E-05	3.70E-05	3.64E-05	3.58E-05	3.53E-05
copper	5.16E-03	5.16E-03	5.16E-03	5.15E-03	5.15E-03	5.14E-03	5.14E-03	5.13E-03	5.13E-03	5.12E-03	5.12E-03	5.11E-03
lead	1.60E-04	1.60E-04	1.60E-04	1.61E-04	1.61E-04	1.61E-04	1.62E-04	1.62E-04	1.62E-04	1.62E-04	1.63E-04	1.63E-04
manganese	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03
mercury	8.97E-06	8.99E-06	9.01E-06	9.04E-06	9.06E-06	9.08E-06	9.10E-06	9.12E-06	9.15E-06	9.17E-06	9.19E-06	9.21E-06
nickel	3.20E-04	3.19E-04	3.18E-04	3.18E-04	3.17E-04	3.16E-04	3.15E-04	3.14E-04	3.13E-04	3.12E-04	3.11E-04	3.11E-04
non-phosphate phosphorus	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
phosphorus	2.83E-03	2.83E-03	2.84E-03	2.85E-03	2.85E-03	2.87E-03	2.87E-03	2.88E-03	2.88E-03	2.89E-03	2.89E-03	2.90E-03
selenium	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.24E-05	1.24E-05
silicon	3.31E-01	3.32E-01	3.33E-01	3.34E-01	3.34E-01	3.35E-01	3.36E-01	3.37E-01	3.37E-01	3.38E-01	3.39E-01	3.39E-01
silver	1.41E-08	1.43E-08	1.45E-08	1.47E-08	1.49E-08	1.52E-08	1.54E-08	1.56E-08	1.58E-08	1.60E-08	1.62E-08	1.64E-08
sulfates	3.43E-02	3.37E-02	3.31E-02	3.25E-02	3.19E-02	3.14E-02	3.08E-02	3.02E-02	2.96E-02	2.90E-02	2.84E-02	2.78E-02
thallium	3.98E-06	3.99E-06	4.00E-06	4.01E-06	4.02E-06	4.03E-06	4.04E-06	4.05E-06	4.06E-06	4.07E-06	4.08E-06	4.09E-06
vanadium	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04
zinc	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03
Diesel PM	1.49E-03	1.38E-03	1.26E-03	1.15E-03	1.03E-03	9.17E-04	8.02E-04	6.87E-04	5.73E-04	4.58E-04	3.43E-04	2.29E-04

<sup>1</sup> Residential Maximum Grid No. 1431  
 NA = Not Available ug/m<sup>3</sup> = micrograms per cubic meter  
 NC = Not Calculated mg/kg-d = milligrams per kilogram day

**Table 1-3.1D**  
**2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project Operations**  
 - Screening Analysis - Lifetime Exposure, School Child Scenario, 9-year and 12-year  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**Equations**

Risk = Cair\*DBR\*EF\*CF\*A\*ASF\*ED\*FAH\*CPF

HQ = Cair / REL

Where: HQ = Hazard Quotient      Cair = Exposure Concentration  
 DBR = Daily Breathing Rate      ASF = Age sensitivity factor  
 EF = Fraction of Year      ED = Fraction of Averaging time  
 A = Absorption Fraction      FAH = Fraction of Time at Home  
 CF = Conversion Factor      CPF = Cancer Potency Factor

TAC	Toxicity Criteria		Cancer Risk to School Child												2024-2032	2024-2035	
	EPA Inhalation CPF (mg/kg-day) <sup>-1</sup>	CalEPA Inhalation CPF (mg/kg-day) <sup>-1</sup>	Operation by Year												TOTAL Cancer Risk	TOTAL Cancer Risk	
			2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	9-yr School Child for Max Location	12-yr School Child for Max Location	
			Ages 2<9	Ages 2<9	Ages 2<16	Ages 16<30	Ages 16<30	Ages 16<30									
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	1.05E-01	6.00E-01	2.47E-08	2.37E-08	1.84E-08	1.76E-08	1.68E-08	1.59E-08	1.51E-08	1.42E-08	1.34E-08	1.93E-09	1.80E-09	1.68E-09	1.60E-07	1.65E-07	
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
acetaldehyde	7.70E-03	1.00E-02	3.68E-10	3.66E-10	2.96E-10	2.95E-10	2.93E-10	2.92E-10	2.91E-10	2.89E-10	2.88E-10	4.41E-11	4.39E-11	4.37E-11	2.78E-09	2.91E-09	
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
benzene	2.73E-02	1.00E-01	1.90E-08	1.82E-08	1.42E-08	1.35E-08	1.29E-08	1.23E-08	1.17E-08	1.10E-08	1.04E-08	1.51E-09	1.41E-09	1.31E-09	1.23E-07	1.27E-07	
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ethylbenzene	8.75E-03	8.70E-03	6.93E-10	6.64E-10	5.16E-10	4.92E-10	4.69E-10	4.45E-10	4.22E-10	3.98E-10	3.75E-10	5.41E-11	5.04E-11	4.68E-11	4.47E-09	4.63E-09	
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
formaldehyde	4.55E-02	2.10E-02	3.15E-09	3.07E-09	2.44E-09	2.37E-09	2.31E-09	2.25E-09	2.19E-09	2.13E-09	2.07E-09	3.09E-10	3.00E-10	2.90E-10	2.20E-08	2.29E-08	
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
naphthalene	1.19E-01	1.20E-01	4.49E-10	4.32E-10	3.37E-10	3.23E-10	3.09E-10	2.95E-10	2.82E-10	2.68E-10	2.54E-10	3.69E-11	3.48E-11	3.27E-11	2.95E-09	3.05E-09	
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ammonium Ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
arsenic	1.51E+01	1.20E+01	5.44E-09	5.45E-09	4.44E-09	4.44E-09	4.45E-09	4.46E-09	4.47E-09	4.47E-09	4.48E-09	6.91E-10	6.92E-10	6.93E-10	4.21E-08	4.42E-08	
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cadmium	6.30E+00	1.50E+01	1.19E-09	1.19E-09	9.68E-10	9.70E-10	9.73E-10	9.75E-10	9.78E-10	9.80E-10	9.83E-10	1.52E-10	1.52E-10	1.52E-10	9.20E-09	9.66E-09	
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
chromium (VI)	4.20E+01	5.10E+02	3.73E-07	3.72E-07	3.02E-07	3.01E-07	3.01E-07	3.00E-07	3.00E-07	2.99E-07	2.98E-07	4.58E-08	4.57E-08	4.56E-08	2.85E-06	2.98E-06	
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
lead	NA	4.20E-02	1.77E-10	1.77E-10	1.44E-10	1.44E-10	1.44E-10	1.45E-10	1.45E-10	1.45E-10	1.45E-10	2.24E-11	2.25E-11	2.25E-11	1.37E-09	1.43E-09	
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
nickel	8.40E-01	9.10E-01	7.66E-09	7.64E-09	6.19E-09	6.17E-09	6.16E-09	6.14E-09	6.12E-09	6.11E-09	6.09E-09	9.34E-10	9.32E-10	9.29E-10	5.83E-08	6.11E-08	
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
Diesel PM	1.05E+00	1.10E+00	4.31E-08	3.98E-08	2.96E-08	2.69E-08	2.42E-08	2.15E-08	1.89E-08	1.62E-08	1.35E-08	1.66E-09	1.24E-09	8.28E-10	2.34E-07	2.37E-07	
			TOTAL	4.79E-07	4.73E-07	3.79E-07	3.75E-07	3.70E-07	3.65E-07	3.60E-07	3.55E-07	3.50E-07	5.32E-08	5.24E-08	5.17E-08	3.51E-06	3.66E-06

NA = Not Available  
 NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day







## Screening Analysis - Operation

1-4 2035 With Project vs. 2035 Without Project

Table 1-4.1  
 2015 OEHHA Risk Calculation for LAX Landside Access Modernization Program, 2035 With Project vs. 2035 Without Project Operations - Screening Analysis  
 - Lifetime Exposure (Based on Peak Location of Residential Cancer Risks)

Exposure Parameters	3rd Trimester	Ages 0-2	Ages 2-9	Ages 2-16	Ages 16-30	Ages 16-70					
Daily Breathing Rate (DBR)	361 L/kg-d	1090 L/kg-d	861 L/kg-d	745 L/kg-d	335 L/kg-d	290 L/kg-d					
Fraction of Year (EF)	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless					
Absorption Fraction (A)	1 unitless	1 unitless	1 unitless	1 unitless	1 unitless	1 unitless					
Conversion Factor (CF)	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L					
Age-adjustment (ASF)	10 unitless	10 unitless	3 unitless	3 unitless	1 unitless	1 unitless					
Fraction of Averaging Time (ED)	0.00357 unitless	0.02857 unitless	0.10000 unitless	0.2 unitless	0.2 unitless	0.771 unitless					
Fraction of Time at Home (FAH)	1.00 unitless	1.00 unitless	1.00 unitless	1 unitless	0.73 unitless	0.73 unitless					
School Child 8-hr Daily Breathing Rate (DBR)			640 L/kg-d	520 L/kg-d	240 L/kg-d						
School Child Fraction of Time at Home (FAH)			1 unitless	1 unitless	1 unitless						
	Start Age	End Age	Equations		Where: HQ = Hazard Quotient						
Child Resident	0	9 Year	Risk = Cair*DBR*EF*CF*A*ASF*ED*FAH*CPF		Cair = Exposure Concentration						
School Child 9 yr	7	15 Year	HQ = Cair / REL		DBR = Daily Breathing Rate						
School Child 12 yr	7	18 Year			ASF = Age sensitivity factor						
30-year Resident	0	30 Year			ED = Fraction of Averaging Time						
70-year Resident	0	70 Year			FAH = Fraction of Time at Home						
					CPF = Conversion Factor						
					CPF = Cancer Potency Factor						
TAC	Toxicity Criteria					Cancer Risks			Hazard Quotients		
	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	EPA Inhalation CPF (mg/kg-day) <sup>1</sup>	CalEPA Inhalation CPF (mg/kg-day) <sup>1</sup>	EPA REL (ug/m <sup>3</sup> )	CalEPA REL (ug/m <sup>3</sup> )	Cancer Risk to 9-year Child Resident	Cancer Risk to 9-year School Child	Cancer Risk to 12-year School Child	Cancer Risk to 30-year Resident	Cancer Risk to 70-year Resident	Hazard Quotient Resident
1,2,4-trimethylbenzene	1.54E-03	NA	NA	7.00E+00	NA	NC	NC	NC	NC	NC	2.20E-04
1,3-butadiene	8.50E-04	1.05E-01	6.00E-01	2.00E+00	2.00E+00	2.85E-07	1.06E-07	1.20E-07	4.01E-07	4.57E-07	4.25E-04
2,2,4-trimethylpentane	3.54E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
acetaldehyde	1.33E-03	7.70E-03	1.00E-02	9.00E+00	1.40E+02	7.43E-09	2.76E-09	3.13E-09	1.05E-08	1.19E-08	9.50E-06
acrolein	1.98E-04	NA	NA	2.00E-02	3.50E-01	NC	NC	NC	NC	NC	5.65E-04
benzene	4.00E-03	2.73E-02	1.00E-01	3.00E+01	3.00E+00	2.23E-07	8.28E-08	9.40E-08	3.15E-07	3.58E-07	1.33E-03
cumene	2.04E-05	NA	NA	4.00E+02	NA	NC	NC	NC	NC	NC	5.10E-08
cyclohexane	9.38E-04	NA	NA	6.00E+03	NA	NC	NC	NC	NC	NC	1.56E-07
ethylbenzene	1.64E-03	8.75E-03	8.70E-03	1.00E+03	2.00E+03	7.96E-09	2.95E-09	3.35E-09	1.12E-08	1.28E-08	8.18E-07
ethylene	1.14E-02	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
formaldehyde	4.21E-03	4.55E-02	2.10E-02	9.80E+00	9.00E+00	4.94E-08	1.83E-08	2.08E-08	6.95E-08	7.92E-08	4.67E-04
hexane, n	2.44E-03	NA	NA	7.00E+02	7.00E+03	NC	NC	NC	NC	NC	3.49E-07
isoprene, except from vegetative emission sources	2.16E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
methyl alcohol	1.83E-04	NA	NA	2.00E+04	4.00E+03	NC	NC	NC	NC	NC	4.58E-08
methyl ethyl ketone	2.17E-04	NA	NA	5.00E+03	NA	NC	NC	NC	NC	NC	4.34E-08
naphthalene	8.29E-05	1.19E-01	1.20E-01	3.00E+00	9.00E+00	5.56E-09	2.06E-09	2.34E-09	7.82E-09	8.91E-09	9.21E-06
propionaldehyde	1.73E-04	NA	NA	8.00E+00	NA	NC	NC	NC	NC	NC	2.16E-05
propylene	4.97E-03	NA	NA	3.00E+03	3.00E+03	NC	NC	NC	NC	NC	1.66E-06
styrene	1.87E-04	NA	NA	1.00E+03	9.00E+02	NC	NC	NC	NC	NC	2.08E-07
toluene	8.93E-03	NA	NA	5.00E+03	3.00E+02	NC	NC	NC	NC	NC	2.98E-05
xylene (total)	7.44E-03	NA	NA	1.00E+02	7.00E+02	NC	NC	NC	NC	NC	1.06E-05
aluminum	1.09E-01	NA	NA	5.00E+00	NA	NC	NC	NC	NC	NC	2.18E-02
ammonium Ion	2.98E-03	NA	NA	1.00E+02	2.00E+02	NC	NC	NC	NC	NC	1.49E-05
antimony	6.95E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
arsenic	1.76E-05	1.51E+01	1.20E+01	1.50E-02	1.50E-02	1.18E-07	4.36E-08	4.95E-08	1.66E-07	1.89E-07	1.17E-03
barium	2.43E-02	NA	NA	5.00E-01	NA	NC	NC	NC	NC	NC	4.87E-02
bromine	4.25E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
cadmium	3.09E-06	6.30E+00	1.50E+01	1.00E-02	2.00E-02	2.59E-08	9.60E-09	1.09E-08	3.64E-08	4.15E-08	1.54E-04
chlorine	3.55E-03	NA	NA	1.50E-01	2.00E-01	NC	NC	NC	NC	NC	1.78E-02
chromium (VI)	2.72E-05	4.20E+01	5.10E+02	1.00E-01	2.00E-01	7.76E-06	2.88E-06	3.26E-06	1.09E-05	1.24E-05	1.36E-04
cobalt	3.53E-05	NA	NA	6.00E-03	NA	NC	NC	NC	NC	NC	5.88E-03
copper	5.11E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
lead	1.63E-04	NA	4.20E-02	NA	NA	3.82E-09	1.42E-09	1.61E-09	5.38E-09	6.13E-09	NC
manganese	1.56E-03	NA	NA	5.00E-02	9.00E-02	NC	NC	NC	NC	NC	1.74E-02
mercury	9.21E-06	NA	NA	3.00E-01	3.00E-02	NC	NC	NC	NC	NC	3.07E-04
nickel	3.11E-04	8.40E-01	9.10E-01	9.00E-02	1.40E-02	1.58E-07	5.85E-08	6.64E-08	2.22E-07	2.53E-07	2.22E-02
non-phosphate phosphorus	0.00E+00	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
phosphorus	2.90E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
selenium	1.24E-05	NA	NA	2.00E+01	2.00E+01	NC	NC	NC	NC	NC	6.22E-07
silicon	3.39E-01	NA	NA	3.00E+00	3.00E+00	NC	NC	NC	NC	NC	1.13E-01
silver	1.64E-08	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
sulfates	2.78E-02	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
thallium	4.09E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
vanadium	3.55E-04	NA	NA	1.00E-01	NA	NC	NC	NC	NC	NC	3.55E-03
zinc	1.63E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Diesel PM	2.29E-04	1.05E+00	1.10E+00	5.00E+00	5.00E+00	1.41E-07	5.21E-08	5.92E-08	1.98E-07	2.26E-07	4.58E-05
<sup>1</sup> Residential Maximum Grid No.	1431				TOTAL	8.8E-06	3.3E-06	3.7E-06	1.2E-05	1.4E-05	0.26

NA = Not Available  
 NC = Not Calculated  
 ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016

**Table 1-4.2**  
**2015 OEHHA Risk Calculation for LAX Landside Access Modernization Program, 2035 With Project vs. 2035 Without Project Operations - Screening Analysis**  
**- Lifetime Exposure (Based on Peak Location of Commercial Cancer Risk)**

Exposure Parameters	Ages 16<30		Ages 16<70	
	Worker 8-hr Daily Breathing Rate (DBR)	240 L/kg-d		230 L/kg-d
Fraction of Year (EF)	0.68 unitless		0.68 unitless	
Absorption Fraction (A)	1 unitless		1 unitless	
Conversion Factor (CF)	0.000001 m3/L		0.000001 m3/L	
Age-adjustment (ASF)	1 unitless		1 unitless	
Fraction of Averaging Time (ED)	0.20 unitless		0.157 unitless	
Worker Adjustment Factor (WAH)	1 unitless		1 unitless	

Worker	Start Age	End Age	Equations		Where: HQ = Hazard Quotient Risk = Cair*DBR*EF*CF*A*ASF*ED*FAH* HQ = Cair / REL	Cair = Exposure Concentration DBR = Daily Breathing Rate EF = Fraction of Year A = Absorption Fraction CF = Conversion Factor	ASF = Age sensitivity factor ED = Fraction of Averaging time FAH = Fraction of Time at Home CPF = Cancer Potency Factor
			16	41 Year			

TAC	Toxicity Criteria					Cancer Risk to Worker	Hazard Quotient Worker
	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	EPA Inhalation CPF (mg/kg-day) <sup>1</sup>	CalEPA Inhalation CPF (mg/kg-day) <sup>1</sup>	EPA RfC (ug/m <sup>3</sup> )	CalEPA REL (ug/m <sup>3</sup> )		
1,2,4-trimethylbenzene	3.95E-04	NA	NA	7.00E+00	NA	NC	5.65E-05
1,3-butadiene	2.18E-04	1.05E-01	6.00E-01	2.00E+00	2.00E+00	7.54E-09	1.09E-04
2,2,4-trimethylpentane	9.08E-04	NA	NA	NA	NA	NC	NC
acetaldehyde	3.58E-04	7.70E-03	1.00E-02	9.00E+00	1.40E+02	2.06E-10	2.56E-06
acrolein	5.06E-05	NA	NA	2.00E-02	3.50E-01	NC	1.45E-04
benzene	1.03E-03	2.73E-02	1.00E-01	3.00E+01	3.00E+00	5.93E-09	3.43E-04
cumene	5.28E-06	NA	NA	4.00E+02	NA	NC	1.32E-08
cyclohexane	2.40E-04	NA	NA	6.00E+03	NA	NC	4.01E-08
ethylbenzene	4.20E-04	8.75E-03	8.70E-03	1.00E+03	2.00E+03	2.11E-10	2.10E-07
ethylene	2.97E-03	NA	NA	NA	NA	NC	NC
formaldehyde	1.11E-03	4.55E-02	2.10E-02	9.80E+00	9.00E+00	1.35E-09	1.24E-04
hexane, n-	6.27E-04	NA	NA	7.00E+02	7.00E+03	NC	8.96E-08
isoprene, except from vegetative emission sources	5.52E-05	NA	NA	NA	NA	NC	NC
methyl alcohol	4.70E-05	NA	NA	2.00E+04	4.00E+03	NC	1.18E-08
methyl ethyl ketone	5.91E-05	NA	NA	5.00E+03	NA	NC	1.18E-08
naphthalene	2.14E-05	1.19E-01	1.20E-01	3.00E+00	9.00E+00	1.48E-10	2.38E-06
propionaldehyde	4.65E-05	NA	NA	8.00E+00	NA	NC	5.81E-06
propylene	1.28E-03	NA	NA	3.00E+03	3.00E+03	NC	4.27E-07
styrene	4.81E-05	NA	NA	1.00E+03	9.00E+02	NC	5.34E-08
toluene	2.29E-03	NA	NA	5.00E+03	3.00E+02	NC	7.64E-06
xylene (total)	1.91E-03	NA	NA	1.00E+02	7.00E+02	NC	2.73E-06
aluminum	4.72E-02	NA	NA	5.00E+00	NA	NC	9.45E-03
ammonium ion	1.29E-03	NA	NA	1.00E+02	2.00E+02	NC	6.45E-06
antimony	3.01E-05	NA	NA	NA	NA	NC	NC
arsenic	7.59E-06	1.51E+01	1.20E+01	1.50E-02	1.50E-02	5.25E-09	5.06E-04
barium	1.06E-02	NA	NA	5.00E-01	NA	NC	2.11E-02
bromine	1.63E-05	NA	NA	NA	NA	NC	NC
cadmium	1.34E-06	6.30E+00	1.50E+01	1.00E-02	2.00E-02	1.15E-09	6.68E-05
chlorine	1.25E-03	NA	NA	1.50E-01	2.00E-01	NC	6.25E-03
chromium (VI)	1.17E-05	4.20E+01	5.10E+02	1.00E-01	2.00E-01	3.43E-07	5.84E-05
cobalt	1.32E-05	NA	NA	6.00E-03	NA	NC	2.20E-03
copper	2.21E-03	NA	NA	NA	NA	NC	NC
lead	7.05E-05	NA	4.20E-02	NA	NA	1.71E-10	NC
manganese	6.75E-04	NA	NA	5.00E-02	9.00E-02	NC	7.50E-03
mercury	3.99E-06	NA	NA	3.00E-01	3.00E-02	NC	1.33E-04
nickel	1.32E-04	8.40E-01	9.10E-01	9.00E-02	1.40E-02	6.94E-09	9.45E-03
non-phosphate phosphorus	0.00E+00	NA	NA	NA	NA	NC	NC
phosphorus	1.25E-03	NA	NA	NA	NA	NC	NC
selenium	5.38E-06	NA	NA	2.00E+01	2.00E+01	NC	2.69E-07
silicon	1.47E-01	NA	NA	3.00E+00	3.00E+00	NC	4.89E-02
silver	7.03E-09	NA	NA	NA	NA	NC	NC
sulfates	1.02E-02	NA	NA	NA	NA	NC	NC
thallium	1.77E-06	NA	NA	NA	NA	NC	NC
vanadium	1.53E-04	NA	NA	1.00E-01	NA	NC	1.53E-03
zinc	7.03E-04	NA	NA	NA	NA	NC	NC
Diesel PM	7.88E-05	1.05E+00	1.10E+00	5.00E+00	5.00E+00	4.99E-09	1.58E-05

<sup>1</sup> Commercial Maximum Grid No. 131  
 NA = Not Available  
 NC = Not Calculated  
 ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016

## Refined Analysis - Operation

1-5 2024 With Project vs. 2024 Without Project







































Table 1-5.5B

2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project Operations - Refined Analysis  
 with 2024-2030 Mitigated Construction - Lifetime Exposure, 70-Year Adult Resident Scenario  
 (Based on Peak Location of Residential Cancer Risks')

**Equations**

$$\text{Risk} = \text{Cair} \cdot \text{DBR} \cdot \text{EF} \cdot \text{CF} \cdot \text{A} \cdot \text{ASF} \cdot \text{ED} \cdot \text{FAH} \cdot \text{CPF}$$

$$\text{HQ} = \text{Cair} / \text{REL}$$

Where: HQ = Hazard Quotient      Cair = Exposure Concentration  
 DBR = Daily Breathing Rate      ASF = Age sensitivity factor  
 EF = Fraction of Year      ED = Fraction of Averaging time  
 A = Absorption Fraction      FAH = Fraction of Time at Home  
 CF = Conversion Factor      CPF = Cancer Potency Factor

TAC	Cancer Risk to Adult 70-Year Resident																			TOTAL Cancer Risk to Resident for Max Location
	Construction by Year							Operation by Year												
	2024	2025	2026	2027	2028	2029	2030	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2093	
1,2,4-trimethylbenzene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	2.99E-10	5.18E-09	2.34E-09	2.05E-09	1.68E-09	7.78E-10	1.19E-10	1.35E-07	1.20E-07	2.34E-08	2.23E-08	2.12E-08	2.01E-08	1.90E-08	1.79E-08	1.68E-08	1.57E-08	1.45E-08	1.36E-07	5.74E-07
2,2,4-trimethylpentane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	1.28E-10	3.02E-09	1.33E-09	1.17E-09	9.63E-10	4.45E-10	6.93E-11	2.02E-09	1.86E-09	3.82E-10	3.82E-10	3.82E-10	3.81E-10	3.81E-10	3.81E-10	3.81E-10	3.81E-10	3.81E-10	3.85E-09	1.83E-08
acrolein	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	4.23E-10	8.58E-09	3.82E-09	3.36E-09	2.76E-09	1.28E-09	1.97E-10	1.04E-07	9.19E-08	1.80E-08	1.72E-08	1.64E-08	1.55E-08	1.47E-08	1.39E-08	1.31E-08	1.22E-08	1.14E-08	1.07E-07	4.56E-07
cumene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	7.52E-12	1.25E-10	5.66E-11	4.94E-11	4.05E-11	1.88E-11	2.87E-12	3.79E-09	3.35E-09	6.56E-10	6.25E-10	5.94E-10	5.62E-10	5.31E-10	5.00E-10	4.69E-10	4.38E-10	4.06E-10	3.79E-09	1.60E-08
ethylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	5.45E-10	1.27E-08	5.60E-09	4.95E-09	4.06E-09	1.88E-09	2.92E-10	1.73E-08	1.56E-08	3.12E-09	3.05E-09	2.97E-09	2.90E-09	2.82E-09	2.75E-09	2.67E-09	2.60E-09	2.53E-09	2.48E-08	1.13E-07
hexane, n-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	2.05E-11	4.52E-10	2.00E-10	1.76E-10	1.45E-10	6.68E-11	1.04E-11	2.46E-09	2.18E-09	4.29E-10	4.11E-10	3.93E-10	3.75E-10	3.56E-10	3.38E-10	3.20E-10	3.02E-10	2.84E-10	2.69E-09	1.16E-08
propionaldehyde	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium Ion	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	3.94E-09	2.79E-09	7.14E-10	5.70E-10	4.21E-10	1.10E-10	1.66E-11	2.75E-08	2.54E-08	5.21E-09	5.21E-09	5.20E-09	5.25E-08	1.61E-07						
barium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	8.01E-09	5.97E-09	1.56E-09	1.26E-09	9.32E-10	2.57E-10	3.93E-11	5.99E-09	5.53E-09	1.14E-09	1.15E-08	5.13E-08								
chlorine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	9.29E-08	7.36E-08	2.28E-08	1.85E-08	1.43E-08	4.90E-09	7.15E-10	1.10E-08	2.37E-08	7.65E-09	1.04E-08	1.32E-08	1.60E-08	1.88E-08	2.16E-08	2.44E-08	2.72E-08	2.99E-08	3.31E-07	7.63E-07
cobalt	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	4.02E-10	2.79E-10	6.95E-11	5.52E-11	4.04E-11	9.94E-12	1.51E-12	8.93E-10	8.24E-10	1.69E-10	1.71E-09	5.80E-09								
manganese	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	9.79E-10	8.78E-10	3.12E-10	2.57E-10	2.03E-10	7.91E-11	1.14E-11	3.89E-08	3.58E-08	7.30E-09	7.26E-09	7.23E-09	7.19E-09	7.16E-09	7.12E-09	7.09E-09	7.05E-09	7.02E-09	7.06E-08	2.12E-07
non-phosphate phosphorous	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	3.38E-08	8.66E-07	3.78E-07	3.41E-07	2.74E-07	1.28E-07	1.99E-08	1.22E-09	3.98E-09	1.40E-09	1.99E-09	2.57E-09	3.16E-09	3.74E-09	4.33E-09	4.91E-09	5.50E-09	6.08E-09	6.74E-08	2.15E-06
<b>TOTAL</b>	<b>1.41E-07</b>	<b>9.79E-07</b>	<b>4.17E-07</b>	<b>3.73E-07</b>	<b>2.99E-07</b>	<b>1.38E-07</b>	<b>2.13E-08</b>	<b>3.50E-07</b>	<b>3.30E-07</b>	<b>6.89E-08</b>	<b>7.02E-08</b>	<b>7.14E-08</b>	<b>7.27E-08</b>	<b>7.40E-08</b>	<b>7.53E-08</b>	<b>7.65E-08</b>	<b>7.78E-08</b>	<b>7.91E-08</b>	<b>8.13E-07</b>	<b>4.53E-06</b>

NA = Not Available      ug/m<sup>3</sup> = micrograms per cubic meter  
 NC = Not Calculated      mg/kg-d = milligrams per kilogram day



Table 1-5.5C  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project Operations - Refined Analysis  
 with 2024-2030 Mitigated Construction - Lifetime Exposure, Child Resident Scenario (Maximum 2020-2024)  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**Equations**

$$\text{Risk} = \text{Cair} \cdot \text{DBR} \cdot \text{EF} \cdot \text{CF} \cdot \text{A} \cdot \text{ASF} \cdot \text{ED} \cdot \text{FAH} \cdot \text{CPF}$$

$$\text{HQ} = \text{Cair} / \text{REL}$$

Where: HQ = Hazard Quotient      Cair = Exposure Concentration  
 DBR = Daily Breathing Rate      ASF = Age sensitivity factor  
 EF = Fraction of Year      ED = Fraction of Averaging time  
 A = Absorption Fraction      FAH = Fraction of Time at Home  
 CF = Conversion Factor      CPF = Cancer Potency Factor

TAC	Cancer Risk to Child Resident																2024-2029	2024-2032
	Construction by Year							Operation by Year									TOTAL	TOTAL
	2024	2025	2026	2027	2028	2029	2030	2024	2025	2026	2027	2028	2029	2030	2031	2032	6-yr Child Resident for Max Location	9-yr Child Resident for Max Location
1,2,4-trimethylbenzene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	2.99E-10	5.18E-09	2.70E-09	2.36E-09	1.94E-09	8.99E-10	1.38E-10	1.35E-07	1.20E-07	2.71E-08	2.58E-08	2.45E-08	2.32E-08	2.19E-08	2.07E-08	1.94E-08	3.69E-07	4.31E-07
2,2,4-trimethylpentane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	1.28E-10	3.02E-09	1.54E-09	1.36E-09	1.11E-09	5.15E-10	8.01E-11	2.02E-09	1.86E-09	4.42E-10	4.41E-10	4.41E-10	4.41E-10	4.41E-10	4.41E-10	4.40E-10	1.34E-08	1.47E-08
acrolein	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	4.23E-10	8.58E-09	4.42E-09	3.89E-09	3.19E-09	1.47E-09	2.28E-10	1.04E-07	9.19E-08	2.08E-08	1.99E-08	1.89E-08	1.80E-08	1.70E-08	1.61E-08	1.51E-08	2.96E-07	3.44E-07
cumene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	7.52E-12	1.25E-10	6.54E-11	5.71E-11	4.69E-11	2.17E-11	3.32E-12	3.79E-09	3.35E-09	7.58E-10	7.22E-10	6.86E-10	6.50E-10	6.14E-10	5.78E-10	5.42E-10	1.03E-08	1.20E-08
ethylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	5.45E-10	1.27E-08	6.47E-09	5.72E-09	4.69E-09	2.17E-09	3.37E-10	1.73E-08	1.56E-08	3.61E-09	3.52E-09	3.43E-09	3.35E-09	3.26E-09	3.18E-09	3.09E-09	7.94E-08	8.89E-08
hexane, n-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	2.05E-11	4.52E-10	2.31E-10	2.04E-10	1.67E-10	7.72E-11	1.20E-11	2.46E-09	2.18E-09	4.96E-10	4.75E-10	4.54E-10	4.33E-10	4.12E-10	3.91E-10	3.70E-10	7.66E-09	8.83E-09
propionaldehyde	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	3.94E-09	2.79E-09	8.25E-10	6.59E-10	4.86E-10	1.27E-10	1.92E-11	2.75E-08	2.54E-08	6.02E-09	6.02E-09	6.02E-09	6.01E-09	6.01E-09	6.01E-09	6.01E-09	8.58E-08	1.04E-07
barium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	8.01E-09	5.97E-09	1.80E-09	1.45E-09	1.08E-09	2.97E-10	4.54E-11	5.99E-09	5.53E-09	1.31E-09	1.31E-09	1.31E-09	1.31E-09	1.32E-09	1.32E-09	1.32E-09	3.54E-08	3.94E-08
chlorine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	9.29E-08	7.36E-08	2.63E-08	2.14E-08	1.65E-08	5.66E-09	8.27E-10	1.10E-08	2.37E-08	8.85E-09	1.21E-08	1.53E-08	1.85E-08	2.17E-08	2.49E-08	2.82E-08	3.27E-07	4.02E-07
cobalt	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	4.02E-10	2.79E-10	8.03E-11	6.38E-11	4.67E-11	1.15E-11	1.74E-12	8.93E-10	8.24E-10	1.95E-10	3.38E-09	3.97E-09						
manganese	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	9.79E-10	8.78E-10	3.60E-10	2.97E-10	2.35E-10	9.14E-11	1.32E-11	3.89E-08	3.58E-08	8.44E-09	8.40E-09	8.35E-09	8.31E-09	8.27E-09	8.23E-09	8.19E-09	1.11E-07	1.36E-07
non-phosphate phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	3.38E-08	8.66E-07	4.37E-07	3.94E-07	3.16E-07	1.48E-07	2.30E-08	1.22E-09	3.98E-09	1.62E-09	2.30E-09	2.97E-09	3.65E-09	4.32E-09	5.00E-09	5.68E-09	2.23E-06	2.25E-06
<b>TOTAL</b>	<b>1.41E-07</b>	<b>9.79E-07</b>	<b>4.82E-07</b>	<b>4.31E-07</b>	<b>3.46E-07</b>	<b>1.60E-07</b>	<b>2.47E-08</b>	<b>3.50E-07</b>	<b>3.30E-07</b>	<b>7.96E-08</b>	<b>8.11E-08</b>	<b>8.26E-08</b>	<b>8.40E-08</b>	<b>8.55E-08</b>	<b>8.70E-08</b>	<b>8.85E-08</b>	<b>3.57E-06</b>	<b>3.83E-06</b>

NA = Not Available  
 NC = Not Calculated











Table 1-5.7  
2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project Operations - Refined Analysis  
with 2024-2030 Mitigated Construction - Lifetime Exposure, Worker Scenario  
(Base on Peak Location of Commercial Cancer Risks<sup>1</sup>)

**Equations**

$\text{Risk} = \text{Cair} \cdot \text{DBR} \cdot \text{EF} \cdot \text{CF} \cdot \text{A} \cdot \text{ASF} \cdot \text{ED} \cdot \text{FAH} \cdot \text{CPF}$

$\text{HQ} = \text{Cair} / \text{REL}$

Where: HQ = Hazard Quotient      Cair = Exposure Concentration  
DBR = Daily Breathing Rate      ASF = Age sensitivity factor  
EF = Fraction of Year      ED = Fraction of Averaging time  
A = Absorption Fraction      FAH = Fraction of Time at Home  
CF = Conversion Factor      CPF = Cancer Potency Factor

TAC	Cancer Risk to Worker																		TOTAL Cancer Risk to Worker for Max Location	
	Construction by Year							Operation by Year												Ops 2035-2047
	2024	2025	2026	2027	2028	2029	2030	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
1,2,4-trimethylbenzene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	4.08E-12	2.23E-10	4.92E-10	4.30E-10	3.54E-10	1.64E-10	2.51E-11	2.21E-09	2.12E-09	2.02E-09	1.93E-09	1.84E-09	1.75E-09	1.66E-09	1.56E-09	1.47E-09	1.38E-09	1.29E-09	1.62E-08	3.71E-08
2,2,4-trimethylpentane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	1.78E-12	1.30E-10	2.80E-10	2.47E-10	2.03E-10	9.38E-11	1.46E-11	3.28E-11	3.27E-11	3.25E-11	3.24E-11	3.22E-11	3.21E-11	3.20E-11	3.18E-11	3.17E-11	3.15E-11	3.14E-11	4.23E-10	1.75E-09
acrolein	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	5.83E-12	3.69E-10	8.05E-10	7.07E-10	5.81E-10	2.69E-10	4.15E-11	1.69E-09	1.63E-09	1.56E-09	1.49E-09	1.42E-09	1.35E-09	1.28E-09	1.21E-09	1.15E-09	1.08E-09	1.01E-09	1.27E-08	3.04E-08
cumene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	1.02E-13	5.37E-12	1.19E-11	1.04E-11	8.54E-12	3.96E-12	6.04E-13	6.19E-11	5.93E-11	5.67E-11	5.41E-11	5.15E-11	4.89E-11	4.64E-11	4.38E-11	4.12E-11	3.86E-11	3.60E-11	4.53E-10	1.03E-09
ethylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	7.57E-12	5.47E-10	1.18E-09	1.04E-09	8.55E-10	3.95E-10	6.15E-11	2.81E-10	2.74E-10	2.68E-10	2.61E-10	2.54E-10	2.48E-10	2.41E-10	2.34E-10	2.28E-10	2.21E-10	2.14E-10	2.81E-09	9.62E-09
hexane, n-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetati	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	2.83E-13	1.94E-11	4.21E-11	3.70E-11	3.04E-11	1.41E-11	2.19E-12	4.01E-11	3.85E-11	3.70E-11	3.55E-11	3.40E-11	3.25E-11	3.09E-11	2.94E-11	2.79E-11	2.64E-11	2.49E-11	3.16E-10	8.19E-10
propionaldehyde	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium Ion	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	4.17E-11	1.04E-10	1.46E-10	1.15E-10	8.63E-11	2.25E-11	3.41E-12	4.86E-10	4.87E-10	4.88E-10	4.88E-10	4.89E-10	4.90E-10	4.91E-10	4.92E-10	4.92E-10	4.93E-10	4.94E-10	6.70E-09	1.26E-08
barium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	8.47E-11	2.24E-10	3.19E-10	2.54E-10	1.92E-10	5.31E-11	8.15E-12	1.06E-10	1.06E-10	1.06E-10	1.07E-10	1.07E-10	1.07E-10	1.07E-10	1.08E-10	1.08E-10	1.08E-10	1.09E-10	1.47E-09	3.79E-09
chlorine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	9.88E-10	2.79E-09	4.66E-09	3.75E-09	2.93E-09	1.01E-09	1.47E-10	1.59E-10	2.03E-09	3.90E-09	5.77E-09	7.64E-09	9.51E-09	1.14E-08	1.33E-08	1.51E-08	1.70E-08	1.89E-08	2.81E-07	4.02E-07
cobalt	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	4.25E-12	1.04E-11	1.42E-11	1.11E-11	8.30E-12	2.04E-12	3.10E-13	1.58E-11	1.58E-11	1.58E-11	1.59E-11	1.59E-11	1.59E-11	1.59E-11	1.60E-11	1.60E-11	1.60E-11	1.60E-11	2.18E-10	4.43E-10
manganese	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	1.05E-11	3.37E-11	6.39E-11	5.23E-11	4.17E-11	1.62E-11	2.35E-12	6.84E-10	6.82E-10	6.80E-10	6.79E-10	6.77E-10	6.75E-10	6.73E-10	6.71E-10	6.69E-10	6.67E-10	6.66E-10	8.99E-09	1.66E-08
non-phosphate phosphorous	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	4.65E-10	3.72E-08	7.96E-08	7.16E-08	5.77E-08	2.70E-08	4.21E-09	1.99E-11	4.66E-11	7.33E-11	1.00E-10	1.27E-10	1.53E-10	1.80E-10	2.07E-10	2.34E-10	2.60E-10	2.87E-10	4.25E-09	2.84E-07
<b>TOTAL</b>	<b>1.61E-09</b>	<b>4.17E-08</b>	<b>8.77E-08</b>	<b>7.83E-08</b>	<b>6.29E-08</b>	<b>2.90E-08</b>	<b>4.52E-09</b>	<b>5.79E-09</b>	<b>7.51E-09</b>	<b>9.24E-09</b>	<b>1.10E-08</b>	<b>1.27E-08</b>	<b>1.44E-08</b>	<b>1.61E-08</b>	<b>1.79E-08</b>	<b>1.96E-08</b>	<b>2.13E-08</b>	<b>2.30E-08</b>	<b>3.35E-07</b>	<b>8.00E-07</b>

NA = Not Available      ug/m<sup>3</sup> = micrograms per cubic meter  
NC = Not Calculated      mg/kg-d = milligrams per kilogram day





## Refined Analysis - Operation

1-6 2035 With Project vs. 2035 Without Project

Table 1-6.1  
 2015 OEHA Risk Calculation for LAX Landside Access Modernization Program, 2035 With Project vs. 2035 Without Project Operations - Refined Analysis  
 - Lifetime Exposure (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

Exposure Parameters	3rd Trimester	Ages 0<2	Ages 2<9	Ages 9<16	Ages 16<30	Ages 16<70					
Daily Breathing Rate (DBR)	361 L/kg-d	1090 L/kg-d	861 L/kg-d	745 L/kg-d	335 L/kg-d	290 L/kg-d					
Fraction of Year (EF)	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless					
Absorption Fraction (A)	1 unitless	1 unitless	1 unitless	1 unitless	1 unitless	1 unitless					
Conversion Factor (CF)	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L					
Age-adjustment (ASF)	10 unitless	10 unitless	3 unitless	3 unitless	1 unitless	1 unitless					
Fraction of Averaging Time (ED)	0.00357 unitless	0.02857 unitless	0.10000 unitless	0.2 unitless	0.2 unitless	0.771 unitless					
Fraction of Time at Home (FAH)	1.00 unitless	1.00 unitless	1.00 unitless	1 unitless	0.73 unitless	0.73 unitless					
School Child 8-hr Daily Breathing Rate (DBR)			640 L/kg-d	520 L/kg-d	240 L/kg-d						
School Child Fraction of Time at Home (FAH)			1 unitless	1 unitless	1 unitless						
Child Resident	Start Age	End Age	Equations			Where: HQ = Hazard Quotient	Cair = Exposure Concentration				
School Child 9 yr	0	9 Year	Risk = Cair*DBR*EF*CF*A*ASF*ED*FAH*CPF			DBR = Daily Breathing Rate	ASF = Age sensitivity factor				
School Child 12 yr	7	15 Year	HQ = Cair / REL			EF = Fraction of Year	ED = Fraction of Averaging time				
30-year Resident	0	30 Year				A = Absorption Fraction	FAH = Fraction of Time at Home				
70-year Resident	0	70 Year				CF = Conversion Factor	CPF = Cancer Potency Factor				
TAC	Toxicity Criteria					Cancer Risks					Hazard Quotients
	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	EPA Inhalation (mg/kg-day) <sup>1</sup>	CalEPA Inhalation (mg/kg-day) <sup>1</sup>	EPA RfC (ug/m <sup>3</sup> )	CalEPA REL (ug/m <sup>3</sup> )	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to School Child	Cancer Risk to Resident	Cancer Risk to Resident	Hazard Quotient Resident
1,2,4-trimethylbenzene	2.63E-04	NA	NA	7.00E+00	NA	NC	NC	NC	NC	NC	3.76E-05
1,3-butadiene	1.45E-04	1.05E-01	6.00E-01	2.00E+00	2.00E+00	4.84E-08	1.80E-08	2.04E-08	6.82E-08	7.77E-08	7.23E-05
2,2,4-trimethylpentane	5.98E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
acetaldehyde	2.78E-04	7.70E-03	1.00E-02	9.00E+00	1.40E+02	1.55E-09	5.76E-10	6.53E-10	2.19E-09	2.49E-09	1.98E-06
acrolein	3.33E-05	NA	NA	2.00E-02	3.50E-01	NC	NC	NC	NC	NC	9.51E-05
benzene	6.88E-04	2.73E-02	1.00E-01	3.00E+01	3.00E+00	3.85E-08	1.43E-08	1.62E-08	5.41E-08	6.17E-08	2.29E-04
cumene	3.58E-06	NA	NA	4.00E+02	NA	NC	NC	NC	NC	NC	8.96E-09
cyclohexane	1.58E-04	NA	NA	6.00E+03	NA	NC	NC	NC	NC	NC	2.64E-08
ethylbenzene	2.78E-04	8.75E-03	8.70E-03	1.00E+03	2.00E+03	1.35E-09	5.01E-10	5.69E-10	1.90E-09	2.17E-09	1.39E-07
ethylene	2.03E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
formaldehyde	8.16E-04	4.55E-02	2.10E-02	9.80E+00	9.00E+00	9.58E-09	3.55E-09	4.03E-09	1.35E-08	1.54E-08	9.07E-05
hexane, n-	4.13E-04	NA	NA	7.00E+02	7.00E+03	NC	NC	NC	NC	NC	5.90E-08
isoprene, except from vegetative emission sources	3.63E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
methyl alcohol	3.11E-05	NA	NA	2.00E+04	4.00E+03	NC	NC	NC	NC	NC	7.77E-09
methyl ethyl ketone	4.74E-05	NA	NA	5.00E+03	NA	NC	NC	NC	NC	NC	9.48E-09
naphthalene	1.46E-05	1.19E-01	1.20E-01	3.00E+00	9.00E+00	9.80E-10	3.63E-10	4.12E-10	1.38E-09	1.57E-09	1.62E-06
propionaldehyde	3.62E-05	NA	NA	8.00E+00	NA	NC	NC	NC	NC	NC	4.52E-06
propylene	8.56E-04	NA	NA	3.00E+03	3.00E+03	NC	NC	NC	NC	NC	2.85E-07
styrene	3.19E-05	NA	NA	1.00E+03	9.00E+02	NC	NC	NC	NC	NC	3.55E-08
toluene	1.51E-03	NA	NA	5.00E+03	3.00E+02	NC	NC	NC	NC	NC	5.05E-06
xylene (total)	1.26E-03	NA	NA	1.00E+02	7.00E+02	NC	NC	NC	NC	NC	1.80E-06
aluminum	3.35E-02	NA	NA	5.00E+00	NA	NC	NC	NC	NC	NC	6.70E-03
ammonium Ion	9.15E-04	NA	NA	1.00E+02	2.00E+02	NC	NC	NC	NC	NC	4.57E-06
antimony	2.13E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
arsenic	5.39E-06	1.51E+01	1.20E+01	1.50E-02	1.50E-02	3.61E-08	1.34E-08	1.52E-08	5.08E-08	5.79E-08	3.59E-04
barium	7.47E-03	NA	NA	5.00E-01	NA	NC	NC	NC	NC	NC	1.49E-02
bromine	1.14E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
cadmium	9.49E-07	6.30E+00	1.50E+01	1.00E-02	2.00E-02	7.95E-09	2.95E-09	3.35E-09	1.12E-08	1.28E-08	4.74E-05
chlorine	8.64E-04	NA	NA	1.50E-01	2.00E-01	NC	NC	NC	NC	NC	4.32E-03
chromium (VI)	9.45E-06	4.20E+01	5.10E+02	1.00E-01	2.00E-01	2.69E-06	9.98E-07	1.13E-06	3.79E-06	4.32E-06	4.72E-05
cobalt	9.20E-06	NA	NA	6.00E-03	NA	NC	NC	NC	NC	NC	1.53E-03
copper	1.57E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
lead	5.00E-05	NA	4.20E-02	NA	NA	1.17E-09	4.35E-10	4.93E-10	1.65E-09	1.88E-09	NC
manganese	4.78E-04	NA	NA	5.00E-02	9.00E-02	NC	NC	NC	NC	NC	5.32E-03
mercury	2.83E-06	NA	NA	3.00E-01	3.00E-02	NC	NC	NC	NC	NC	9.43E-05
nickel	9.37E-05	8.40E-01	9.10E-01	9.00E-02	1.40E-02	4.76E-08	1.77E-08	2.00E-08	6.70E-08	7.64E-08	6.69E-03
non-phosphate phosphorus	0.00E+00	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
phosphorus	8.89E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
selenium	3.82E-06	NA	NA	2.00E+01	2.00E+01	NC	NC	NC	NC	NC	1.91E-07
silicon	1.04E-01	NA	NA	3.00E+00	3.00E+00	NC	NC	NC	NC	NC	3.47E-02
silver	5.80E-09	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
sulfates	7.09E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
thallium	1.25E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
vanadium	1.09E-04	NA	NA	1.00E-01	NA	NC	NC	NC	NC	NC	1.09E-03
zinc	4.99E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Diesel PM	3.34E-04	1.05E+00	1.10E+00	5.00E+00	5.00E+00	2.05E-07	7.60E-08	8.63E-08	2.89E-07	3.29E-07	6.67E-05
<sup>1</sup> Residential Maximum Grid No.	1394	TOTAL				3.1E-06	1.1E-06	1.3E-06	4.3E-06	5.0E-06	0.08

NA = Not Available  
 NC = Not Calculated  
 ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016

Table 1-6.2  
 2015 OEHHA Risk Calculation for LAX Landside Access Modernization Program, 2035 With Project vs. 2035 Without Project Operations - Refined Analysis  
 - Lifetime Exposure (Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)

Exposure Parameters	Ages 16<30		Ages 16<70	
	Worker 8-hr Daily Breathing Rate (DBR)	240 L/kg-d		230 L/kg-d
Fraction of Year (EF)	0.68 unitless		0.68 unitless	
Absorption Fraction (A)	1 unitless		1 unitless	
Conversion Factor (CF)	0.000001 m3/L		0.000001 m3/L	
Age-adjustment (ASF)	1 unitless		1 unitless	
Fraction of Averaging Time (ED)	0.20 unitless		0.157 unitless	
Worker Adjustment Factor (WAH)	1 unitless		1 unitless	

Worker	Start Age	End Age	Equations		Where: HQ = Hazard Quotient Risk = Cair*DBR*EF*CF*A*ASF*ED*FAH*CP HQ = Cair / REL	Cair = Exposure Concentration ASF = Age sensitivity factor ED = Fraction of Averaging time FAH = Fraction of Time at Home CPF = Cancer Potency Factor
			16	41 Year		

TAC	Toxicity Criteria					Cancer Risks	Hazard Quotients
	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	EPA Inhalation CPF (mg/kg-day) <sup>1</sup>	CalEPA Inhalation CPF (mg/kg-day) <sup>1</sup>	EPA RfC (ug/m <sup>3</sup> )	CalEPA REL (ug/m <sup>3</sup> )		
1,2,4-trimethylbenzene	4.52E-04	NA	NA	7.00E+00	NA	NC	6.45E-05
1,3-butadiene	2.32E-04	1.05E-01	6.00E-01	2.00E+00	2.00E+00	8.04E-09	1.16E-04
2,2,4-trimethylpentane	8.87E-04	NA	NA	NA	NA	NC	NC
acetaldehyde	1.53E-03	7.70E-03	1.00E-02	9.00E+00	1.40E+02	8.84E-10	1.10E-05
acrolein	4.67E-05	NA	NA	2.00E-02	3.50E-01	NC	1.33E-04
benzene	1.28E-03	2.73E-02	1.00E-01	3.00E+01	3.00E+00	7.36E-09	4.26E-04
cumene	8.14E-06	NA	NA	4.00E+02	NA	NC	2.04E-08
cyclohexane	2.27E-04	NA	NA	6.00E+03	NA	NC	3.78E-08
ethylbenzene	4.38E-04	8.75E-03	8.70E-03	1.00E+03	2.00E+03	2.20E-10	2.19E-07
ethylene	5.09E-03	NA	NA	NA	NA	NC	NC
formaldehyde	3.43E-03	4.55E-02	2.10E-02	9.80E+00	9.00E+00	4.16E-09	3.82E-04
hexane, n-	6.05E-04	NA	NA	7.00E+02	7.00E+03	NC	8.64E-08
isoprene, except from vegetative emission sources	5.10E-05	NA	NA	NA	NA	NC	NC
methyl alcohol	4.83E-05	NA	NA	2.00E+04	4.00E+03	NC	1.21E-08
methyl ethyl ketone	2.97E-04	NA	NA	5.00E+03	NA	NC	5.94E-08
naphthalene	3.45E-05	1.19E-01	1.20E-01	3.00E+00	9.00E+00	2.39E-10	3.84E-06
propionaldehyde	2.02E-04	NA	NA	8.00E+00	NA	NC	2.52E-05
propylene	1.61E-03	NA	NA	3.00E+03	3.00E+03	NC	5.36E-07
styrene	5.42E-05	NA	NA	1.00E+03	9.00E+02	NC	6.02E-08
toluene	2.35E-03	NA	NA	5.00E+03	3.00E+02	NC	7.85E-06
xylene (total)	1.93E-03	NA	NA	1.00E+02	7.00E+02	NC	2.76E-06
aluminum	3.18E-02	NA	NA	5.00E+00	NA	NC	6.36E-03
ammonium ion	8.70E-04	NA	NA	1.00E+02	2.00E+02	NC	4.35E-06
antimony	2.03E-05	NA	NA	NA	NA	NC	NC
arsenic	5.12E-06	1.51E+01	1.20E+01	1.50E-02	1.50E-02	3.54E-09	3.41E-04
barium	7.09E-03	NA	NA	5.00E-01	NA	NC	1.42E-02
bromine	1.15E-05	NA	NA	NA	NA	NC	NC
cadmium	9.25E-07	6.30E+00	1.50E+01	1.00E-02	2.00E-02	8.00E-10	4.63E-05
chlorine	9.12E-04	NA	NA	1.50E-01	2.00E-01	NC	4.56E-03
chromium (VI)	2.08E-05	4.20E+01	5.10E+02	1.00E-01	2.00E-01	6.13E-07	1.04E-04
cobalt	9.40E-06	NA	NA	6.00E-03	NA	NC	1.57E-03
copper	1.49E-03	NA	NA	NA	NA	NC	NC
lead	4.75E-05	NA	4.20E-02	NA	NA	1.15E-10	NC
manganese	4.55E-04	NA	NA	5.00E-02	9.00E-02	NC	5.05E-03
mercury	2.70E-06	NA	NA	3.00E-01	3.00E-02	NC	9.01E-05
nickel	8.96E-05	8.40E-01	9.10E-01	9.00E-02	1.40E-02	4.70E-09	6.40E-03
non-phosphate phosphorous	0.00E+00	NA	NA	NA	NA	NC	NC
phosphorus	8.44E-04	NA	NA	NA	NA	NC	NC
selenium	3.63E-06	NA	NA	2.00E+01	2.00E+01	NC	1.81E-07
silicon	9.88E-02	NA	NA	3.00E+00	3.00E+00	NC	3.29E-02
silver	2.30E-08	NA	NA	NA	NA	NC	NC
sulfates	7.33E-03	NA	NA	NA	NA	NC	NC
thallium	1.19E-06	NA	NA	NA	NA	NC	NC
vanadium	1.03E-04	NA	NA	1.00E-01	NA	NC	1.03E-03
zinc	4.74E-04	NA	NA	NA	NA	NC	NC
Diesel PM	2.97E-03	1.05E+00	1.10E+00	5.00E+00	5.00E+00	1.88E-07	5.94E-04
<b>TOTAL</b>						<b>8.3E-07</b>	<b>0.07</b>

<sup>1</sup> Commercial Maximum Grid No. 115  
 NA = Not Available  
 NC = Not Calculated  
 ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016

## Uncertainty Analysis

### Operation

1-7 2024 Without Project vs. 2014 Baseline

### Operation

1-8 2024 With Project vs. 2014 Baseline

### Operation

1-9 2035 Without Project vs. 2014 Baseline

### Operation

1-10 2035 With Project vs. 2014 Baseline







Table 1-7.1D  
 2015 OEHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2024 Without Project vs. 2014 Baseline Operations - Screening Analysis  
 - Lifetime Exposure, School Child Scenario, 9-year and 12-year  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

Exposure Parameters	Ages 2<9	Ages 2<16	Ages 16<30			Start Age	End Age
Daily Breathing Rate (DBR)	861 L/kg-d	745 L/kg-d	335	L/kg-d		Child Resident	0 9 Year
Fraction of Year (EF)	0.96 unitless	0.96 unitless	0.96	unitless		School Child 9-yr	7 15 Year
Absorption Fraction (AF)	1 unitless	1 unitless	1	unitless		School Child 12-yr	7 18 Year
Conversion Factor (CF)	0.000001 m <sup>3</sup> /L	0.000001 m <sup>3</sup> /L	0.000001	m <sup>3</sup> /L		30-year Resident	0 30 Year
Age-adjustment (ASF)	3 unitless	3 unitless	1	unitless		70-year Resident	0 70 Year
Fraction of Averaging Time (ED)	0.01429 unitless	0.01429 unitless	0.01429	unitless			
Fraction of Time at Home (FAH)	1.00 unitless	1 unitless	0.73	unitless			
School Child 8-hr Daily Breathing Rate (DBR)	640 L/kg-d	520 L/kg-d	240	L/kg-d			
School Child Fraction of Time at Home (FAH)	1 unitless	1 unitless	1	unitless			

TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )													Toxicity Criteria	
	Operation by Year													EPA	CalEPA
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	Inhalation CPF (mg/kg-day) <sup>-1</sup>	Inhalation CPF (mg/kg-day) <sup>-1</sup>	
1,2,4-trimethylbenzene	-1.15E-04	-1.19E-04	-1.23E-04	-1.27E-04	-1.30E-04	-1.34E-04	-1.38E-04	-1.42E-04	-1.46E-04	-1.50E-04	-1.54E-04	-1.58E-04	NA	NA	
1,3-butadiene	-6.17E-05	-6.39E-05	-6.61E-05	-6.83E-05	-7.05E-05	-7.27E-05	-7.49E-05	-7.70E-05	-7.92E-05	-8.14E-05	-8.36E-05	-8.58E-05	1.05E-01	6.00E-01	
2,2,4-trimethylpentane	-2.49E-04	-2.58E-04	-2.67E-04	-2.77E-04	-2.86E-04	-2.95E-04	-3.05E-04	-3.14E-04	-3.23E-04	-3.32E-04	-3.42E-04	-3.51E-04	NA	NA	
acetaldehyde	-2.16E-04	-2.17E-04	-2.18E-04	-2.19E-04	-2.20E-04	-2.20E-04	-2.21E-04	-2.22E-04	-2.23E-04	-2.24E-04	-2.25E-04	-2.25E-04	7.70E-03	1.00E-02	
acrolein	-1.36E-05	-1.41E-05	-1.47E-05	-1.52E-05	-1.57E-05	-1.62E-05	-1.68E-05	-1.73E-05	-1.78E-05	-1.83E-05	-1.89E-05	-1.94E-05	NA	NA	
benzene	-3.09E-04	-3.19E-04	-3.29E-04	-3.39E-04	-3.49E-04	-3.59E-04	-3.69E-04	-3.79E-04	-3.88E-04	-3.98E-04	-4.08E-04	-4.18E-04	2.73E-02	1.00E-01	
cumene	-1.75E-06	-1.79E-06	-1.84E-06	-1.89E-06	-1.93E-06	-1.98E-06	-2.03E-06	-2.07E-06	-2.12E-06	-2.17E-06	-2.21E-06	-2.26E-06	NA	NA	
cyclohexane	-6.51E-05	-6.76E-05	-7.01E-05	-7.25E-05	-7.50E-05	-7.75E-05	-8.00E-05	-8.25E-05	-8.49E-05	-8.74E-05	-8.99E-05	-9.24E-05	NA	NA	
ethylbenzene	-1.18E-04	-1.22E-04	-1.26E-04	-1.31E-04	-1.35E-04	-1.39E-04	-1.43E-04	-1.48E-04	-1.52E-04	-1.56E-04	-1.60E-04	-1.65E-04	8.75E-03	8.70E-03	
ethylene	-1.03E-03	-1.06E-03	-1.08E-03	-1.11E-03	-1.13E-03	-1.16E-03	-1.18E-03	-1.21E-03	-1.23E-03	-1.26E-03	-1.28E-03	-1.31E-03	NA	NA	
formaldehyde	-5.39E-04	-5.45E-04	-5.51E-04	-5.56E-04	-5.62E-04	-5.68E-04	-5.74E-04	-5.80E-04	-5.85E-04	-5.91E-04	-5.97E-04	-6.03E-04	4.55E-02	2.10E-02	
hexane, n-	-1.71E-04	-1.78E-04	-1.84E-04	-1.90E-04	-1.97E-04	-2.03E-04	-2.10E-04	-2.16E-04	-2.23E-04	-2.29E-04	-2.35E-04	-2.42E-04	NA	NA	
isoprene, except from vegetative emission sources	-1.49E-05	-1.54E-05	-1.60E-05	-1.66E-05	-1.71E-05	-1.77E-05	-1.83E-05	-1.89E-05	-1.94E-05	-2.00E-05	-2.06E-05	-2.11E-05	NA	NA	
methyl alcohol	-1.31E-05	-1.36E-05	-1.41E-05	-1.46E-05	-1.50E-05	-1.55E-05	-1.60E-05	-1.65E-05	-1.69E-05	-1.74E-05	-1.79E-05	-1.84E-05	NA	NA	
methyl ethyl ketone	-4.00E-05	-4.01E-05	-4.01E-05	-4.01E-05	-4.02E-05	-4.02E-05	-4.02E-05	-4.03E-05	-4.03E-05	-4.03E-05	-4.04E-05	-4.04E-05	NA	NA	
naphthalene	-7.23E-06	-7.42E-06	-7.61E-06	-7.79E-06	-7.98E-06	-8.17E-06	-8.36E-06	-8.54E-06	-8.73E-06	-8.92E-06	-9.10E-06	-9.29E-06	1.19E-01	1.20E-01	
propionaldehyde	-2.83E-05	-2.84E-05	-2.85E-05	-2.86E-05	-2.87E-05	-2.88E-05	-2.89E-05	-2.91E-05	-2.92E-05	-2.93E-05	-2.94E-05	-2.95E-05	NA	NA	
propylene	-3.87E-04	-3.99E-04	-4.11E-04	-4.23E-04	-4.35E-04	-4.48E-04	-4.60E-04	-4.72E-04	-4.84E-04	-4.97E-04	-5.09E-04	-5.21E-04	NA	NA	
styrene	-1.39E-05	-1.44E-05	-1.48E-05	-1.53E-05	-1.58E-05	-1.63E-05	-1.67E-05	-1.72E-05	-1.77E-05	-1.82E-05	-1.86E-05	-1.91E-05	NA	NA	
toluene	-6.40E-04	-6.63E-04	-6.86E-04	-7.09E-04	-7.33E-04	-7.56E-04	-7.79E-04	-8.02E-04	-8.25E-04	-8.48E-04	-8.71E-04	-8.95E-04	NA	NA	
xylene (total)	-5.30E-04	-5.50E-04	-5.69E-04	-5.88E-04	-6.08E-04	-6.27E-04	-6.46E-04	-6.66E-04	-6.85E-04	-7.04E-04	-7.24E-04	-7.43E-04	NA	NA	
aluminum	-1.56E+00	-1.56E+00	-1.56E+00	-1.56E+00	-1.56E+00	-1.56E+00	-1.57E+00	-1.57E+00	-1.57E+00	-1.57E+00	-1.57E+00	-1.57E+00	NA	NA	
ammonium Ion	-4.25E-02	-4.25E-02	-4.26E-02	-4.26E-02	-4.26E-02	-4.27E-02	-4.27E-02	-4.27E-02	-4.28E-02	-4.28E-02	-4.29E-02	-4.29E-02	NA	NA	
antimony	-9.91E-04	-9.92E-04	-9.93E-04	-9.94E-04	-9.94E-04	-9.95E-04	-9.96E-04	-9.97E-04	-9.98E-04	-9.99E-04	-9.99E-04	-1.00E-03	NA	NA	
arsenic	-2.51E-04	-2.51E-04	-2.51E-04	-2.51E-04	-2.51E-04	-2.51E-04	-2.51E-04	-2.51E-04	-2.52E-04	-2.52E-04	-2.52E-04	-2.52E-04	1.51E+01	1.20E+01	
barium	-3.48E-01	-3.48E-01	-3.47E-01	-3.46E-01	-3.46E-01	NA	NA								
bromine	-4.49E-04	-4.49E-04	-4.49E-04	-4.49E-04	-4.49E-04	-4.49E-04	-4.49E-04	-4.49E-04	-4.49E-04	-4.50E-04	-4.50E-04	-4.50E-04	NA	NA	
cadmium	-4.38E-05	-4.38E-05	-4.39E-05	-4.39E-05	-4.39E-05	-4.40E-05	-4.40E-05	-4.41E-05	-4.41E-05	-4.41E-05	-4.42E-05	-4.42E-05	6.30E+00	1.50E+01	
chlorine	-2.86E-02	-2.86E-02	-2.86E-02	-2.86E-02	-2.86E-02	-2.86E-02	-2.87E-02	-2.87E-02	-2.87E-02	-2.87E-02	-2.87E-02	-2.87E-02	NA	NA	
chromium (VI)	-7.39E-03	-7.38E-03	-7.38E-03	-7.38E-03	-7.37E-03	-7.37E-03	-7.37E-03	-7.36E-03	-7.36E-03	-7.36E-03	-7.35E-03	-7.35E-03	4.20E+01	5.10E+02	
cobalt	-3.45E-04	-3.45E-04	-3.46E-04	-3.46E-04	-3.46E-04	-3.47E-04	-3.47E-04	-3.47E-04	-3.48E-04	-3.48E-04	-3.48E-04	-3.49E-04	NA	NA	
copper	-7.29E-02	-7.29E-02	-7.28E-02	-7.28E-02	-7.28E-02	-7.28E-02	-7.27E-02	-7.27E-02	-7.27E-02	-7.27E-02	-7.26E-02	-7.26E-02	NA	NA	
lead	-2.32E-03	-2.33E-03	-2.34E-03	-2.34E-03	-2.34E-03	NA	4.20E-02								
manganese	-2.22E-02	-2.22E-02	-2.22E-02	-2.22E-02	-2.22E-02	-2.22E-02	-2.22E-02	-2.22E-02	-2.22E-02	-2.22E-02	-2.22E-02	-2.22E-02	NA	NA	
mercury	-1.31E-04	-1.31E-04	-1.31E-04	-1.32E-04	NA	NA									
nickel	-4.28E-03	-4.28E-03	-4.28E-03	-4.27E-03	-4.27E-03	-4.27E-03	-4.27E-03	-4.27E-03	-4.27E-03	-4.26E-03	-4.26E-03	-4.26E-03	8.40E-01	9.10E-01	
non-phosphate phosphorous	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	NA	
phosphorus	-4.13E-02	-4.14E-02	-4.14E-02	-4.14E-02	-4.15E-02	-4.15E-02	-4.15E-02	-4.16E-02	-4.16E-02	-4.16E-02	-4.17E-02	-4.17E-02	NA	NA	
selenium	-1.78E-04	-1.78E-04	-1.78E-04	-1.78E-04	-1.78E-04	-1.77E-04	NA	NA							
silicon	-4.84E+00	-4.85E+00	-4.85E+00	-4.85E+00	-4.86E+00	-4.86E+00	-4.87E+00	-4.87E+00	-4.87E+00	-4.87E+00	-4.88E+00	-4.88E+00	NA	NA	
silver	-5.00E-08	-5.04E-08	-5.08E-08	-5.12E-08	-5.17E-08	-5.21E-08	-5.25E-08	-5.29E-08	-5.33E-08	-5.37E-08	-5.41E-08	-5.46E-08	NA	NA	
sulfates	-2.55E-01	-2.55E-01	-2.55E-01	-2.55E-01	-2.55E-01	-2.55E-01	-2.55E-01	-2.55E-01	-2.55E-01	-2.55E-01	-2.55E-01	-2.55E-01	NA	NA	
thallium	-5.83E-05	-5.84E-05	-5.84E-05	-5.84E-05	-5.85E-05	-5.85E-05	-5.86E-05	-5.86E-05	-5.87E-05	-5.87E-05	-5.88E-05	-5.88E-05	NA	NA	
vanadium	-5.06E-03	-5.06E-03	-5.06E-03	-5.06E-03	-5.06E-03	-5.06E-03	-5.06E-03	-5.06E-03	-5.06E-03	-5.06E-03	-5.05E-03	-5.05E-03	NA	NA	
zinc	-2.31E-02	-2.31E-02	-2.31E-02	-2.31E-02	-2.32E-02	NA	NA								
Diesel PM	2.91E-06	2.21E-06	1.51E-06	8.16E-07	1.19E-07	-5.79E-07	-1.28E-06	-1.97E-06	-2.67E-06	-3.37E-06	-4.07E-06	-4.77E-06	1.05E+00	1.10E+00	

<sup>1</sup> Residential Maximum Grid No. 655  
 NA = Not Available  
 ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

Table 1-7.1D  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2024 Without Project vs. 2014 Baseline  
 - Lifetime Exposure, School Child Scenario, 9-year and 12-year - Screening Analysis  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**Equations**

$$\text{Risk} = \text{Cair} \cdot \text{DBR} \cdot \text{EF} \cdot \text{CF} \cdot \text{A} \cdot \text{ASF} \cdot \text{ED} \cdot \text{FAH} \cdot \text{CPF}$$

$$\text{HQ} = \text{Cair} / \text{REL}$$

Where: HQ = Hazard Quotient      Cair = Exposure Concentration  
 DBR = Daily Breathing Rate      ASF = Age sensitivity factor  
 EF = Fraction of Year      ED = Fraction of Averaging time  
 A = Absorption Fraction      FAH = Fraction of Time at Home  
 CF = Conversion Factor      CPF = Cancer Potency Factor

TAC	Cancer Risk to School Child												2024-2032	2024-2035
	Operation by Year												TOTAL	TOTAL
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	9-yr School Child	12-yr School Child
	Ages 2<9	Ages 2<9	Ages 2<16	Ages 16<30	Ages 16<30	Ages 16<30	for Max Location	for Max Location						
1,2,4-trimethylbenzene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	-9.74E-10	-1.01E-09	-8.48E-10	-8.76E-10	-9.04E-10	-9.32E-10	-9.60E-10	-9.88E-10	-1.02E-09	-1.61E-10	-1.65E-10	-1.69E-10	-8.51E-09	-9.00E-09
2,2,4-trimethylpentane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	-5.69E-11	-5.71E-11	-4.66E-11	-4.67E-11	-4.69E-11	-4.71E-11	-4.73E-11	-4.75E-11	-4.76E-11	-7.36E-12	-7.39E-12	-7.41E-12	-4.44E-10	-4.66E-10
acrolein	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	-8.14E-10	-8.40E-10	-7.03E-10	-7.25E-10	-7.46E-10	-7.67E-10	-7.88E-10	-8.09E-10	-8.30E-10	-1.31E-10	-1.34E-10	-1.37E-10	-7.02E-09	-7.42E-09
cumene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	-2.70E-11	-2.80E-11	-2.35E-11	-2.43E-11	-2.51E-11	-2.59E-11	-2.67E-11	-2.74E-11	-2.82E-11	-4.46E-12	-4.58E-12	-4.71E-12	-2.36E-10	-2.50E-10
ethylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	-2.98E-10	-3.01E-10	-2.47E-10	-2.50E-10	-2.52E-10	-2.55E-10	-2.58E-10	-2.60E-10	-2.63E-10	-4.08E-11	-4.12E-11	-4.16E-11	-2.38E-09	-2.51E-09
hexane, n-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	-2.28E-11	-2.34E-11	-1.95E-11	-2.00E-11	-2.05E-11	-2.09E-11	-2.14E-11	-2.19E-11	-2.24E-11	-3.52E-12	-3.59E-12	-3.67E-12	-1.93E-10	-2.04E-10
propionaldehyde	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	-7.91E-08	-7.91E-08	-6.43E-08	-6.43E-08	-6.44E-08	-6.44E-08	-6.44E-08	-6.45E-08	-6.45E-08	-9.93E-09	-9.93E-09	-9.94E-09	-6.09E-07	-6.39E-07
barium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	-1.73E-08	-1.73E-08	-1.41E-08	-2.18E-09	-2.18E-09	-2.18E-09	-1.33E-07	-1.40E-07						
chlorine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	-9.91E-05	-9.90E-05	-8.04E-05	-8.04E-05	-8.04E-05	-8.03E-05	-8.03E-05	-8.02E-05	-8.02E-05	-1.23E-05	-1.23E-05	-1.23E-05	-7.60E-04	-7.97E-04
cobalt	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	-2.57E-09	-2.57E-09	-2.09E-09	-2.09E-09	-2.09E-09	-2.09E-09	-2.09E-09	-2.09E-09	-2.10E-09	-3.23E-10	-3.23E-10	-3.23E-10	-1.98E-08	-2.07E-08
manganese	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	-1.02E-07	-1.02E-07	-8.31E-08	-8.31E-08	-8.31E-08	-8.31E-08	-8.30E-08	-8.30E-08	-8.30E-08	-1.28E-08	-1.28E-08	-1.27E-08	-7.86E-07	-8.24E-07
non-phosphate phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	8.42E-11	6.40E-11	3.56E-11	1.92E-11	2.79E-12	-1.36E-11	-3.00E-11	-4.64E-11	-6.28E-11	-1.22E-11	-1.47E-11	-1.72E-11	5.29E-11	8.77E-12
<b>TOTAL</b>	<b>-9.93E-05</b>	<b>-9.92E-05</b>	<b>-8.06E-05</b>	<b>-8.06E-05</b>	<b>-8.05E-05</b>	<b>-8.05E-05</b>	<b>-8.04E-05</b>	<b>-8.04E-05</b>	<b>-8.04E-05</b>	<b>-1.24E-05</b>	<b>-1.24E-05</b>	<b>-1.24E-05</b>	<b>-7.62E-04</b>	<b>-7.99E-04</b>

NA = Not Available  
 NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day













**Table 1-8.1D**  
**2015 OEHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2014 Baseline Operations - Screening Analysis**  
**- Lifetime Exposure, School Child Scenario, 9-year and 12-year**  
**(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)**

Exposure Parameters	Ages 2<9			Ages 2<16			Ages 16<30			Start Age	End Age	
	861 L/kg-d			745 L/kg-d			335 L/kg-d			Child Resident	9 Year	
Daily Breathing Rate (DBR)	0.96 unitless			0.96 unitless			0.96 unitless			School Child 9-yr	7	15 Year
Fraction of Year (EF)	1 unitless			1 unitless			1 unitless			School Child 12-yr	7	18 Year
Absorption Factor (AF)	0.000001 m <sup>3</sup> /L			0.000001 m <sup>3</sup> /L			0.000001 m <sup>3</sup> /L			30-year Resident	0	30 Year
Conversion Factor (CF)	3 unitless			3 unitless			1 unitless			70-year Resident	0	70 Year
Age-adjustment (ASF)	0.01429 unitless			0.01429 unitless			0.01429 unitless					
Fraction of Averaging Time (ED)	1.00 unitless			1 unitless			0.73 unitless					
Fraction of Time at Home (FAH)	640 L/kg-d			520 L/kg-d			240 L/kg-d					
School Child 8-hr Daily Breathing Rate (DBR)	1 unitless			1 unitless			1 unitless					
School Child Fraction of Time at Home (FAH)												

TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )												Toxicity Criteria	
	Operation by Year												EPA	CalEPA
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	Inhalation CPF (mg/kg-day) <sup>-1</sup>	Inhalation CPF (mg/kg-day) <sup>-1</sup>
<b>1,2,4-trimethylbenzene</b>	-1.13E-04	-1.16E-04	-1.18E-04	-1.21E-04	-1.24E-04	-1.27E-04	-1.30E-04	-1.32E-04	-1.35E-04	-1.38E-04	-1.41E-04	-1.44E-04	NA	NA
<b>1,3-butadiene</b>	-6.08E-05	-6.23E-05	-6.39E-05	-6.55E-05	-6.70E-05	-6.86E-05	-7.02E-05	-7.18E-05	-7.33E-05	-7.49E-05	-7.65E-05	-7.80E-05	1.05E-01	6.00E-01
<b>2,2,4-trimethylpentane</b>	-2.46E-04	-2.52E-04	-2.59E-04	-2.66E-04	-2.72E-04	-2.79E-04	-2.86E-04	-2.92E-04	-2.99E-04	-3.06E-04	-3.13E-04	-3.19E-04	NA	NA
<b>acetaldehyde</b>	-2.05E-04	-2.05E-04	-2.05E-04	-2.05E-04	-2.06E-04	-2.06E-04	-2.06E-04	-2.07E-04	-2.07E-04	-2.07E-04	-2.07E-04	-2.08E-04	7.70E-03	1.00E-02
<b>acrolein</b>	-1.34E-05	-1.38E-05	-1.42E-05	-1.46E-05	-1.50E-05	-1.53E-05	-1.57E-05	-1.61E-05	-1.65E-05	-1.69E-05	-1.72E-05	-1.76E-05	NA	NA
<b>benzene</b>	-3.03E-04	-3.10E-04	-3.17E-04	-3.24E-04	-3.31E-04	-3.38E-04	-3.46E-04	-3.53E-04	-3.60E-04	-3.67E-04	-3.74E-04	-3.81E-04	2.73E-02	1.00E-01
<b>cumene</b>	-1.70E-06	-1.73E-06	-1.77E-06	-1.80E-06	-1.83E-06	-1.86E-06	-1.90E-06	-1.93E-06	-1.96E-06	-2.00E-06	-2.03E-06	-2.06E-06	NA	NA
<b>cyclohexane</b>	-6.43E-05	-6.61E-05	-6.79E-05	-6.96E-05	-7.14E-05	-7.32E-05	-7.50E-05	-7.68E-05	-7.86E-05	-8.04E-05	-8.22E-05	-8.40E-05	NA	NA
<b>ethylbenzene</b>	-1.16E-04	-1.19E-04	-1.22E-04	-1.25E-04	-1.28E-04	-1.31E-04	-1.34E-04	-1.37E-04	-1.41E-04	-1.44E-04	-1.47E-04	-1.50E-04	8.75E-03	8.70E-03
<b>ethylene</b>	-1.00E-03	-1.02E-03	-1.04E-03	-1.05E-03	-1.07E-03	-1.09E-03	-1.11E-03	-1.12E-03	-1.14E-03	-1.16E-03	-1.18E-03	-1.19E-03	NA	NA
<b>formaldehyde</b>	-5.15E-04	-5.18E-04	-5.22E-04	-5.25E-04	-5.29E-04	-5.32E-04	-5.36E-04	-5.39E-04	-5.43E-04	-5.46E-04	-5.50E-04	-5.53E-04	4.55E-02	2.10E-02
<b>hexane, n-</b>	-1.69E-04	-1.73E-04	-1.78E-04	-1.83E-04	-1.87E-04	-1.92E-04	-1.97E-04	-2.01E-04	-2.06E-04	-2.11E-04	-2.15E-04	-2.20E-04	NA	NA
<b>isoprene, except from vegetative emission sources</b>	-1.47E-05	-1.51E-05	-1.55E-05	-1.59E-05	-1.63E-05	-1.67E-05	-1.71E-05	-1.76E-05	-1.80E-05	-1.84E-05	-1.88E-05	-1.92E-05	NA	NA
<b>methyl alcohol</b>	-1.29E-05	-1.33E-05	-1.36E-05	-1.40E-05	-1.43E-05	-1.47E-05	-1.50E-05	-1.53E-05	-1.57E-05	-1.60E-05	-1.64E-05	-1.67E-05	NA	NA
<b>methyl ethyl ketone</b>	-3.77E-05	-3.77E-05	-3.77E-05	-3.76E-05	-3.76E-05	-3.76E-05	-3.75E-05	-3.75E-05	-3.74E-05	-3.74E-05	-3.73E-05	-3.73E-05	NA	NA
<b>naphthalene</b>	-7.04E-06	-7.17E-06	-7.30E-06	-7.43E-06	-7.56E-06	-7.69E-06	-7.82E-06	-7.95E-06	-8.09E-06	-8.22E-06	-8.35E-06	-8.48E-06	1.19E-01	1.20E-01
<b>propionaldehyde</b>	-2.68E-05	-2.68E-05	-2.69E-05	-2.69E-05	-2.69E-05	-2.69E-05	-2.70E-05	-2.70E-05	-2.71E-05	-2.71E-05	-2.71E-05	-2.71E-05	NA	NA
<b>propylene</b>	-3.79E-04	-3.87E-04	-3.96E-04	-4.05E-04	-4.14E-04	-4.22E-04	-4.31E-04	-4.40E-04	-4.48E-04	-4.57E-04	-4.66E-04	-4.75E-04	NA	NA
<b>styrene</b>	-1.37E-05	-1.40E-05	-1.43E-05	-1.47E-05	-1.50E-05	-1.54E-05	-1.57E-05	-1.60E-05	-1.64E-05	-1.67E-05	-1.71E-05	-1.74E-05	NA	NA
<b>toluene</b>	-6.30E-04	-6.47E-04	-6.64E-04	-6.80E-04	-6.97E-04	-7.14E-04	-7.30E-04	-7.47E-04	-7.64E-04	-7.80E-04	-7.97E-04	-8.14E-04	NA	NA
<b>xylylene (total)</b>	-5.23E-04	-5.36E-04	-5.50E-04	-5.64E-04	-5.78E-04	-5.92E-04	-6.06E-04	-6.20E-04	-6.34E-04	-6.48E-04	-6.62E-04	-6.76E-04	NA	NA
<b>aluminum</b>	-3.01E-05	-1.33E-01	-2.67E-01	-4.00E-01	-5.34E-01	-6.67E-01	-8.00E-01	-9.34E-01	-1.07E+00	-1.20E+00	-1.33E+00	-1.47E+00	NA	NA
<b>ammonium Ion</b>	-6.51E-06	-3.65E-03	-7.28E-03	-1.09E-02	-1.46E-02	-1.82E-02	-2.18E-02	-2.55E-02	-2.91E-02	-3.28E-02	-3.64E-02	-4.00E-02	NA	NA
<b>antimony</b>	-7.99E-08	-8.49E-05	-1.70E-04	-2.55E-04	-3.40E-04	-4.24E-04	-5.09E-04	-5.94E-04	-6.79E-04	-7.64E-04	-8.49E-04	-9.34E-04	NA	NA
<b>arsenic</b>	-1.33E-08	-2.15E-05	-4.29E-05	-6.43E-05	-8.58E-05	-1.07E-04	-1.29E-04	-1.50E-04	-1.72E-04	-1.93E-04	-2.14E-04	-2.36E-04	1.51E+01	1.20E+01
<b>barium</b>	-7.31E-06	-2.97E-02	-5.95E-02	-8.92E-02	-1.19E-01	-1.49E-01	-1.78E-01	-2.08E-01	-2.38E-01	-2.68E-01	-2.97E-01	-3.27E-01	NA	NA
<b>bromine</b>	-0.99E-06	-4.66E-05	-8.42E-05	-1.22E-04	-1.59E-04	-1.97E-04	-2.34E-04	-2.72E-04	-3.09E-04	-3.47E-04	-3.84E-04	-4.22E-04	NA	NA
<b>cadmium</b>	-6.85E-08	-3.81E-06	-7.56E-06	-1.13E-05	-1.50E-05	-1.88E-05	-2.25E-05	-2.63E-05	-3.00E-05	-3.38E-05	-3.75E-05	-4.13E-05	6.30E+00	1.50E+01
<b>chlorine</b>	-1.27E-03	-3.60E-03	-5.93E-03	-8.25E-03	-1.06E-02	-1.29E-02	-1.52E-02	-1.76E-02	-1.99E-02	-2.22E-02	-2.46E-02	-2.69E-02	NA	NA
<b>chromium (VI)</b>	-9.22E-06	-6.40E-04	-1.27E-03	-1.90E-03	-2.53E-03	-3.16E-03	-3.79E-03	-4.42E-03	-5.05E-03	-5.68E-03	-6.31E-03	-6.94E-03	4.20E+01	5.10E+02
<b>cobalt</b>	-9.08E-06	-3.78E-05	-6.65E-05	-9.52E-05	-1.24E-04	-1.53E-04	-1.81E-04	-2.10E-04	-2.39E-04	-2.67E-04	-2.96E-04	-3.25E-04	NA	NA
<b>copper</b>	-1.05E-05	-6.24E-03	-1.25E-02	-1.87E-02	-2.49E-02	-3.12E-02	-3.74E-02	-4.36E-02	-4.99E-02	-5.61E-02	-6.23E-02	-6.86E-02	NA	NA
<b>lead</b>	-1.16E-07	-1.99E-04	-3.98E-04	-5.97E-04	-7.96E-04	-9.95E-04	-1.19E-03	-1.39E-03	-1.59E-03	-1.79E-03	-1.99E-03	-2.19E-03	NA	4.20E-02
<b>manganese</b>	-9.55E-06	-1.91E-03	-3.80E-03	-5.70E-03	-7.60E-03	-9.49E-03	-1.14E-02	-1.33E-02	-1.52E-02	-1.71E-02	-1.90E-02	-2.09E-02	NA	NA
<b>mercury</b>	-5.33E-08	-1.13E-05	-2.25E-05	-3.37E-05	-4.50E-05	-5.62E-05	-6.74E-05	-7.87E-05	-8.99E-05	-1.01E-04	-1.12E-04	-1.24E-04	NA	NA
<b>nickel</b>	-9.17E-06	-3.74E-04	-7.39E-04	-1.10E-03	-1.47E-03	-1.83E-03	-2.20E-03	-2.56E-03	-2.93E-03	-3.29E-03	-3.66E-03	-4.02E-03	8.40E-01	9.10E-01
<b>non-phosphate phosphorous</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	NA
<b>phosphorus</b>	-1.01E-06	-3.54E-03	-7.08E-03	-1.06E-02	-1.42E-02	-1.77E-02	-2.12E-02	-2.48E-02	-2.83E-02	-3.19E-02	-3.54E-02	-3.89E-02	NA	NA
<b>selenium</b>	-2.04E-08	-1.52E-05	-3.04E-05	-4.56E-05	-6.08E-05	-7.60E-05	-9.11E-05	-1.06E-04	-1.22E-04	-1.37E-04	-1.52E-04	-1.67E-04	NA	NA
<b>silicon</b>	-9.72E-05	-4.15E-01	-8.29E-01	-1.24E+00	-1.66E+00	-2.07E+00	-2.49E+00	-2.90E+00	-3.32E+00	-3.73E+00	-4.15E+00	-4.56E+00	NA	NA
<b>silver</b>	-4.74E-08	-4.76E-08	-4.78E-08	-4.80E-08	-4.82E-08	-4.84E-08	-4.86E-08	-4.88E-08	-4.91E-08	-4.93E-08	-4.95E-08	-4.97E-08	NA	NA
<b>sulfates</b>	-8.18E-03	-2.92E-02	-5.03E-02	-7.14E-02	-9.24E-02	-1.14E-01	-1.35E-01	-1.56E-01	-1.77E-01	-1.98E-01	-2.19E-01	-2.40E-01	NA	NA
<b>thallium</b>	-1.12E-09	-4.99E-06	-9.98E-06	-1.50E-05	-2.00E-05	-2.50E-05	-3.00E-05	-3.49E-05	-3.99E-05	-4.49E-05	-4.99E-05	-5.49E-05	NA	NA
<b>vanadium</b>	-1.49E-07	-4.33E-04	-8.66E-04	-1.30E-03	-1.73E-03	-2.16E-03	-2.60E-03	-3.03E-03	-3.46E-03	-3.90E-03	-4.33E-03	-4.76E-03	NA	NA
<b>zinc</b>	-1.02E-05	-1.99E-03	-3.96E-03	-5.94E-03	-7.92E-03	-9.89E-03	-1.19E-02	-1.38E-02	-1.58E-02	-1.78E-02	-1.98E-02	-2.18E-02	NA	NA
<b>Diesel PM</b>	2.91E-06	2.15E-06	1.39E-06	6.26E-07	-1.35E-07	-8.96E-07	-1.66E-06	-2.42E-06	-3.18E-06	-3.94E-06	-4.70E-06	-5.46E-06	1.05E+00	1.10E+00

<sup>1</sup> Residential Maximum Grid No. 655

NA = Not Available

NC = Not Calculated

ug/m<sup>3</sup> = micrograms per cubic meter

mg/kg-d = milligrams per kilogram day

Table 1-8.1D  
 2015 OEHHA Cancer Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2014 Baseline Operations - Screening Analysis  
 - Lifetime Exposure, School Child Scenario, 9-year and 12-year  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

Equations

$Risk = Cair \cdot DBR \cdot EF \cdot CF \cdot A \cdot ASF \cdot ED \cdot FAH \cdot CPF$

$HQ = Cair / REL$

Where: HQ = Hazard Quotient  
 Cair = Exposure Concentration  
 DBR = Daily Breathing Rate  
 ASF = Age sensitivity factor  
 EF = Fraction of Year  
 ED = Fraction of Averaging time  
 A = Absorption Fraction  
 FAH = Fraction of Time at Home  
 CF = Conversion Factor  
 CPF = Cancer Potency Factor

TAC	Cancer Risk to School Child												2024-2032	2024-2035	
	Operation by Year												TOTAL Cancer Risk 9-yr School Child for Max Location	TOTAL Cancer Risk 12-yr School Child for Max Location	
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035			
	Ages 2<9	Ages 2<9	Ages 2<16	Ages 16<30	Ages 16<30	Ages 16<30									
1,2,4-trimethylbenzene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	-9.59E-10	-9.84E-10	-8.19E-10	-8.40E-10	-8.60E-10	-8.80E-10	-9.00E-10	-9.20E-10	-9.40E-10	-1.48E-10	-1.51E-10	-1.54E-10	-8.10E-09	-8.55E-09	
2,2,4-trimethylpentane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	-5.38E-11	-5.39E-11	-4.39E-11	-4.39E-11	-4.40E-11	-4.40E-11	-4.41E-11	-4.42E-11	-4.42E-11	-6.81E-12	-6.82E-12	-6.83E-12	-4.16E-10	-4.36E-10	
acrolein	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	-7.97E-10	-8.16E-10	-6.78E-10	-6.93E-10	-7.08E-10	-7.23E-10	-7.38E-10	-7.53E-10	-7.68E-10	-1.21E-10	-1.23E-10	-1.25E-10	-6.68E-09	-7.04E-09	
cumene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	-2.66E-11	-2.73E-11	-2.27E-11	-2.33E-11	-2.39E-11	-2.44E-11	-2.50E-11	-2.56E-11	-2.61E-11	-4.11E-12	-4.19E-12	-4.28E-12	-2.25E-10	-2.37E-10	
ethylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	-2.84E-10	-2.86E-10	-2.34E-10	-2.36E-10	-2.37E-10	-2.39E-10	-2.40E-10	-2.42E-10	-2.44E-10	-3.77E-11	-3.80E-11	-3.82E-11	-2.24E-09	-2.36E-09	
hexane, n-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	-2.22E-11	-2.26E-11	-1.87E-11	-1.91E-11	-1.94E-11	-1.97E-11	-2.01E-11	-2.04E-11	-2.07E-11	-3.24E-12	-3.29E-12	-3.35E-12	-1.83E-10	-1.93E-10	
propionaldehyde	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium Ion	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	-4.20E-12	-6.77E-09	-1.10E-08	-1.65E-08	-2.20E-08	-2.75E-08	-3.30E-08	-3.85E-08	-4.40E-08	-7.61E-09	-8.46E-09	-9.31E-09	-1.99E-07	-2.25E-07	
barium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	-2.70E-11	-1.50E-09	-2.42E-09	-3.62E-09	-4.82E-09	-6.02E-09	-7.22E-09	-8.42E-09	-9.62E-09	-1.67E-09	-1.85E-09	-2.03E-09	-4.37E-08	-4.92E-08	
chlorine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	-1.24E-07	-8.58E-06	-1.38E-05	-2.07E-05	-2.76E-05	-3.45E-05	-4.13E-05	-4.82E-05	-5.51E-05	-9.53E-06	-1.06E-05	-1.16E-05	-2.50E-04	-2.82E-04	
cobalt	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	-1.28E-13	-2.20E-10	-3.57E-10	-5.36E-10	-7.14E-10	-8.93E-10	-1.07E-09	-1.25E-09	-1.43E-09	-2.47E-10	-2.75E-10	-3.02E-10	-6.47E-09	-7.29E-09	
manganese	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	-2.19E-10	-8.95E-09	-1.44E-08	-2.15E-08	-2.86E-08	-3.57E-08	-4.28E-08	-4.99E-08	-5.70E-08	-9.85E-09	-1.09E-08	-1.20E-08	-2.59E-07	-2.92E-07	
non-phosphate phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	8.42E-11	6.22E-11	3.26E-11	1.47E-11	-3.17E-12	-2.11E-11	-3.90E-11	-5.68E-11	-7.47E-11	-1.43E-11	-1.70E-11	-1.98E-11	-1.08E-12	-5.21E-11	
<b>TOTAL</b>	<b>-1.26E-07</b>	<b>-8.60E-06</b>	<b>-1.39E-05</b>	<b>-2.08E-05</b>	<b>-2.76E-05</b>	<b>-3.45E-05</b>	<b>-4.14E-05</b>	<b>-4.83E-05</b>	<b>-5.52E-05</b>	<b>-9.55E-06</b>	<b>-1.06E-05</b>	<b>-1.17E-05</b>	<b>-2.50E-04</b>	<b>-2.82E-04</b>	

NA = Not Available  
 NC = Not Calculated  
 ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day







**Table 1-9.1**  
**2015 OEHHA Risk Calculation for LAX Landside Access Modernization Program, 2035 Without Project vs. 2014 Baseline Operations - Screening Analysis**  
**- Lifetime Exposure (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)**

Exposure Parameters	3rd Trimester	Ages 0<2	Ages 2<9	Ages 2<16	Ages 16<30	Ages 16<70
Daily Breathing Rate (DBR)	361 L/kg-d	1090 L/kg-d	861 L/kg-d	745 L/kg-d	335 L/kg-d	290 L/kg-d
Fraction of Year (EF)	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless
Absorption Fraction (A)	1 unitless	1 unitless	1 unitless	1 unitless	1 unitless	1 unitless
Conversion Factor (CF)	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L
Age-adjustment (ASF)	10 unitless	10 unitless	3 unitless	3 unitless	1 unitless	1 unitless
Fraction of Averaging Time (ED)	0.00357 unitless	0.02857 unitless	0.10000 unitless	0.2 unitless	0.2 unitless	0.771 unitless
Fraction of Time at Home (FAH)	1.00 unitless	1.00 unitless	1.00 unitless	1 unitless	0.73 unitless	0.73 unitless
School Child 8-hr Daily Breathing Rate (DBR)			640 L/kg-d	520 L/kg-d	240 L/kg-d	
School Child Fraction of Time at Home (FAH)			1 unitless	1 unitless	1 unitless	
	Start Age	End Age	Equations		Where: HQ = Hazard Quotient	
Child Resident	0	9 Year	Risk = Cair*DBR*EF*CF*A*ASF*ED*FAH*CPF		Cair = Exposure Concentration	
School Child 9 yr	7	15 Year	HQ = Cair / REL		DBR = Daily Breathing Rate	
School Child 12 yr	7	18 Year			ASF = Age sensitivity factor	
30-year Resident	0	30 Year			EF = Fraction of Year	
70-year Resident	0	70 Year			A = Absorption Fraction	
					ED = Fraction of Averaging time	
					FAH = Fraction of Time at Home	
					CF = Conversion Factor	
					CPF = Cancer Potency Factor	

TAC	Toxicity Criteria					Cancer Risks					Hazard Quotients	
	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	EPA Inhalation CPF (mg/kg-day) <sup>-1</sup>	CalEPA Inhalation CPF (mg/kg-day) <sup>-1</sup>	EPA RfC (ug/m <sup>3</sup> )	CalEPA REL (ug/m <sup>3</sup> )	Cancer Risk to 9-year Child Resident	Cancer Risk to 9-year School Child	Cancer Risk to 12-year School Child	Cancer Risk to 30-year Resident	Cancer Risk to 70-year Resident	Hazard Quotient Resident	
1,2,4-trimethylbenzene	-1.58E-04	NA	NA	7.00E+00	NA	NC	NC	NC	NC	NC	-2.25E-05	
1,3-butadiene	-8.58E-05	1.05E-01	6.00E-01	2.00E+00	2.00E+00	-2.88E-08	-1.07E-08	-1.21E-08	-4.05E-08	-4.61E-08	-4.29E-05	
2,2,4-trimethylpentane	-3.51E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
acetaldehyde	-2.25E-04	7.70E-03	1.00E-02	9.00E+00	1.40E+02	-1.26E-09	-4.67E-10	-5.30E-10	-1.77E-09	-2.02E-09	-1.61E-06	
acrolein	-1.94E-05	NA	NA	2.00E-02	3.50E-01	NC	NC	NC	NC	NC	-5.54E-05	
benzene	-4.18E-04	2.73E-02	1.00E-01	3.00E+01	3.00E+00	-2.34E-08	-8.66E-09	-9.83E-09	-3.29E-08	-3.75E-08	-1.39E-04	
cumene	-2.26E-06	NA	NA	4.00E+02	NA	NC	NC	NC	NC	NC	-5.65E-09	
cyclohexane	-9.24E-05	NA	NA	6.00E+03	NA	NC	NC	NC	NC	NC	-1.54E-08	
ethylbenzene	-1.65E-04	8.75E-03	8.70E-03	1.00E+03	2.00E+03	-8.00E-10	-2.96E-10	-3.36E-10	-1.13E-09	-1.28E-09	-8.23E-08	
ethylene	-1.31E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
formaldehyde	-6.03E-04	4.55E-02	2.10E-02	9.80E+00	9.00E+00	-7.07E-09	-2.62E-09	-2.98E-09	-9.96E-09	-1.13E-08	-6.70E-05	
hexane, n-	-2.42E-04	NA	NA	7.00E+02	7.00E+03	NC	NC	NC	NC	NC	-3.45E-08	
isoprene, except from vegetative emission sources	-2.11E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
methyl alcohol	-1.84E-05	NA	NA	2.00E+04	4.00E+03	NC	NC	NC	NC	NC	-4.59E-09	
methyl ethyl ketone	-4.04E-05	NA	NA	5.00E+03	NA	NC	NC	NC	NC	NC	-8.08E-09	
naphthalene	-9.29E-06	1.19E-01	1.20E-01	3.00E+00	9.00E+00	-6.23E-10	-2.31E-10	-2.62E-10	-8.77E-10	-9.99E-10	-1.03E-06	
propionaldehyde	-2.95E-05	NA	NA	8.00E+00	NA	NC	NC	NC	NC	NC	-3.68E-06	
propylene	-5.21E-04	NA	NA	3.00E+03	3.00E+03	NC	NC	NC	NC	NC	-1.74E-07	
styrene	-1.91E-05	NA	NA	1.00E+03	9.00E+02	NC	NC	NC	NC	NC	-2.12E-08	
toluene	-8.95E-04	NA	NA	5.00E+03	3.00E+02	NC	NC	NC	NC	NC	-2.98E-06	
xylene (total)	-7.43E-04	NA	NA	1.00E+02	7.00E+02	NC	NC	NC	NC	NC	-1.06E-06	
aluminum	-1.57E+00	NA	NA	5.00E+00	NA	NC	NC	NC	NC	NC	-3.14E-01	
ammonium ion	-4.29E-02	NA	NA	1.00E+02	2.00E+02	NC	NC	NC	NC	NC	-2.14E-04	
antimony	-1.00E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
arsenic	-2.52E-04	1.51E+01	1.20E+01	1.50E-02	1.50E-02	-1.69E-06	-6.26E-07	-7.11E-07	-2.38E-06	-2.71E-06	-1.68E-02	
barium	-3.46E-01	NA	NA	5.00E-01	NA	NC	NC	NC	NC	NC	-6.92E-01	
bromine	-4.50E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
cadmium	-4.42E-05	6.30E+00	1.50E+01	1.00E-02	2.00E-02	-3.70E-07	-1.37E-07	-1.56E-07	-5.21E-07	-5.94E-07	-2.21E-03	
chlorine	-2.87E-02	NA	NA	1.50E-01	2.00E-01	NC	NC	NC	NC	NC	-1.43E-01	
chromium (VI)	-7.35E-03	4.20E+01	5.10E+02	1.00E-01	2.00E-01	-2.09E-03	-7.76E-04	-8.81E-04	-2.95E-03	-3.36E-03	-3.68E-02	
cobalt	-3.49E-04	NA	NA	6.00E-03	NA	NC	NC	NC	NC	NC	-5.81E-02	
copper	-7.26E-02	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
lead	-2.34E-03	NA	4.20E-02	NA	NA	-5.49E-08	-2.03E-08	-2.31E-08	-7.72E-08	-8.80E-08	NC	
manganese	-2.22E-02	NA	NA	5.00E-02	9.00E-02	NC	NC	NC	NC	NC	-2.47E-01	
mercury	-1.32E-04	NA	NA	3.00E-01	3.00E-02	NC	NC	NC	NC	NC	-4.41E-03	
nickel	-4.26E-03	8.40E-01	9.10E-01	9.00E-02	1.40E-02	-2.17E-06	-8.03E-07	-9.12E-07	-3.05E-06	-3.48E-06	-3.04E-01	
non-phosphate phosphorus	0.00E+00	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
phosphorus	-4.17E-02	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
selenium	-1.77E-04	NA	NA	2.00E+01	2.00E+01	NC	NC	NC	NC	NC	-8.86E-06	
silicon	-4.88E+00	NA	NA	3.00E+00	3.00E+00	NC	NC	NC	NC	NC	-1.63E+00	
silver	-5.46E-08	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
sulfates	-2.55E-01	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
thallium	-5.88E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
vanadium	-5.05E-03	NA	NA	1.00E-01	NA	NC	NC	NC	NC	NC	-5.05E-02	
zinc	-2.32E-02	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
Diesel PM	-4.77E-06	1.05E+00	1.10E+00	5.00E+00	5.00E+00	-2.93E-09	-1.09E-09	-1.23E-09	-4.12E-09	-4.70E-09	-9.53E-07	
<sup>1</sup> Residential Maximum Grid No.	655					TOTAL	-2.10E-03	-7.78E-04	-8.83E-04	-2.95E-03	-3.37E-03	-3.50

NA = Not Available  
 NC = Not Calculated  
 ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016

Table 1-10.1  
 2015 DEHHA Risk Calculation for LAX Landside Access Modernization Program, 2035 With Project vs. 2014 Baseline Operations - Screening Analysis  
 - Lifetime Exposure (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

Exposure Parameters	3rd Trimester	Ages 0<2	Ages 2<9	Ages 2<16	Ages 16<30	Ages 16<70
Daily Breathing Rate (DBR)	361 L/kg-d	1090 L/kg-d	861 L/kg-d	745 L/kg-d	335 L/kg-d	290 L/kg-d
Fraction of Year (EF)	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless	0.96 unitless
Absorption Fraction (A)	1 unitless	1 unitless	1 unitless	1 unitless	1 unitless	1 unitless
Conversion Factor (CF)	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L
Age-adjustment (ASF)	10 unitless	10 unitless	3 unitless	3 unitless	1 unitless	1 unitless
Fraction of Averaging Time (ED)	0.00357 unitless	0.02857 unitless	0.10000 unitless	0.2 unitless	0.2 unitless	0.771 unitless
Fraction of Time at Home (FAH)	1.00 unitless	1.00 unitless	1.00 unitless	1 unitless	0.73 unitless	0.73 unitless
School Child 8-hr Daily Breathing Rate (DBR)			640 L/kg-d	520 L/kg-d	240 L/kg-d	
School Child Fraction of Time at Home (FAH)			1 unitless	1 unitless	1 unitless	
	Start Age	End Age	Equations		Where: HQ = Hazard Quotient Cair = Exposure Concentration	
Child Resident	0	9 Year	Risk = Cair*DBR*EF*CF*A*ASF*ED*FAH*CPF		DBR = Daily Breathing Rate ASF = Age sensitivity factor	
School Child 9 yr	7	15 Year	HQ = Cair / REL		EF = Fraction of Year ED = Fraction of Averaging time	
School Child 12 yr	7	18 Year			A = Absorption Fraction FAH = Fraction of Time at Home	
30-year Resident	0	30 Year			CF = Conversion Factor CPF = Cancer Potency Factor	
70-year Resident	0	70 Year				

TAC	Toxicity Criteria					Cancer Risks					Hazard Quotients	
	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	EPA Inhalation CPF (mg/kg-day) <sup>-1</sup>	CalEPA Inhalation CPF (mg/kg-day) <sup>-1</sup>	EPA RfC (ug/m <sup>3</sup> )	CalEPA REL (ug/m <sup>3</sup> )	Cancer Risk to 9-year Child Resident	Cancer Risk to 9-year School Child	Cancer Risk to 12-year School Child	Cancer Risk to 30-year Resident	Cancer Risk to 70-year Resident	Hazard Quotient Resident	
1,2,4-trimethylbenzene	-1.44E-04	NA	NA	7.00E+00	NA	NC	NC	NC	NC	NC	-2.05E-05	
1,3-butadiene	-7.80E-05	1.05E-01	6.00E-01	2.00E+00	2.00E+00	-2.62E-08	-9.70E-09	-1.10E-08	-3.68E-08	-4.20E-08	-3.90E-05	
2,2,4-trimethylpentane	-3.19E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
acetaldehyde	-2.08E-04	7.70E-03	1.00E-02	9.00E+00	1.40E+02	-1.16E-09	-4.30E-10	-4.88E-10	-1.63E-09	-1.86E-09	-1.48E-06	
acrolein	-1.76E-05	NA	NA	2.00E-02	3.50E-01	NC	NC	NC	NC	NC	-5.03E-05	
benzene	-3.81E-04	2.73E-02	1.00E-01	3.00E+01	3.00E+00	-2.13E-08	-7.89E-09	-8.95E-09	-2.99E-08	-3.41E-08	-1.27E-04	
cumene	-2.06E-06	NA	NA	4.00E+02	NA	NC	NC	NC	NC	NC	-5.16E-09	
cyclohexane	-8.40E-05	NA	NA	6.00E+03	NA	NC	NC	NC	NC	NC	-1.40E-08	
ethylbenzene	-1.50E-04	8.75E-03	8.70E-03	1.00E+03	2.00E+03	-7.27E-10	-2.70E-10	-3.06E-10	-1.02E-09	-1.17E-09	-7.48E-08	
ethylene	-1.19E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
formaldehyde	-5.53E-04	4.55E-02	2.10E-02	9.80E+00	9.00E+00	-6.49E-09	-2.41E-09	-2.73E-09	-9.14E-09	-1.04E-08	-6.15E-05	
hexane, n-	-2.20E-04	NA	NA	7.00E+02	7.00E+03	NC	NC	NC	NC	NC	-3.14E-08	
isoprene, except from vegetative emission sources	-1.92E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
methyl alcohol	-1.67E-05	NA	NA	2.00E+04	4.00E+03	NC	NC	NC	NC	NC	-4.18E-09	
methyl ethyl ketone	-3.73E-05	NA	NA	5.00E+03	NA	NC	NC	NC	NC	NC	-7.46E-09	
naphthalene	-8.48E-06	1.19E-01	1.20E-01	3.00E+00	9.00E+00	-5.68E-10	-2.11E-10	-2.39E-10	-8.00E-10	-9.12E-10	-9.42E-07	
propionaldehyde	-2.71E-05	NA	NA	8.00E+00	NA	NC	NC	NC	NC	NC	-3.39E-06	
propylene	-4.75E-04	NA	NA	3.00E+03	3.00E+03	NC	NC	NC	NC	NC	-1.58E-07	
styrene	-1.74E-05	NA	NA	1.00E+03	9.00E+02	NC	NC	NC	NC	NC	-1.93E-08	
toluene	-8.14E-04	NA	NA	5.00E+03	3.00E+02	NC	NC	NC	NC	NC	-2.71E-06	
xylyne (total)	-6.76E-04	NA	NA	1.00E+02	7.00E+02	NC	NC	NC	NC	NC	-9.66E-07	
aluminum	-1.47E+00	NA	NA	5.00E+00	NA	NC	NC	NC	NC	NC	-2.94E-01	
ammonium ion	-4.00E-02	NA	NA	1.00E+02	2.00E+02	NC	NC	NC	NC	NC	-2.00E-04	
antimony	-9.34E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
arsenic	-2.36E-04	1.51E+01	1.20E+01	1.50E-02	1.50E-02	-1.58E-06	-5.86E-07	-6.65E-07	-2.23E-06	-2.54E-06	-1.57E-02	
barium	-3.27E-01	NA	NA	5.00E-01	NA	NC	NC	NC	NC	NC	-6.54E-01	
bromine	-4.22E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
cadmium	-4.13E-05	6.30E+00	1.50E+01	1.00E-02	2.00E-02	-3.46E-07	-1.28E-07	-1.45E-07	-4.87E-07	-5.55E-07	-2.06E-03	
chlorine	-2.69E-02	NA	NA	1.50E-01	2.00E-01	NC	NC	NC	NC	NC	-1.34E-01	
chromium (VI)	-6.94E-03	4.20E+01	5.10E+02	1.00E-01	2.00E-01	-1.98E-03	-7.34E-04	-8.33E-04	-2.79E-03	-3.17E-03	-3.47E-02	
cobalt	-3.25E-04	NA	NA	6.00E-03	NA	NC	NC	NC	NC	NC	-5.41E-02	
copper	-6.86E-02	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
lead	-2.19E-03	NA	4.20E-02	NA	NA	-5.13E-08	-1.90E-08	-2.16E-08	-7.23E-08	-8.24E-08	NC	
manganese	-2.09E-02	NA	NA	5.00E-02	9.00E-02	NC	NC	NC	NC	NC	-2.32E-01	
mercury	-1.24E-04	NA	NA	3.00E-01	3.00E-02	NC	NC	NC	NC	NC	-4.12E-03	
nickel	-4.02E-03	8.40E-01	9.10E-01	9.00E-02	1.40E-02	-2.05E-06	-7.58E-07	-8.61E-07	-2.88E-06	-3.28E-06	-2.87E-01	
non-phosphate phosphorous	0.00E+00	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
phosphorus	-3.89E-02	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
selenium	-1.67E-04	NA	NA	2.00E+01	2.00E+01	NC	NC	NC	NC	NC	-8.35E-06	
silicon	-4.56E+00	NA	NA	3.00E+00	3.00E+00	NC	NC	NC	NC	NC	-1.52E+00	
silver	-4.97E-08	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
sulfates	-2.40E-01	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
thallium	-5.49E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
vanadium	-4.76E-03	NA	NA	1.00E-01	NA	NC	NC	NC	NC	NC	-4.76E-02	
zinc	-2.18E-02	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
Diesel PM	-5.46E-06	1.05E+00	1.10E+00	5.00E+00	5.00E+00	-3.36E-09	-1.24E-09	-1.41E-09	-4.73E-09	-5.39E-09	-1.09E-06	
						TOTAL	-1.98E-03	-7.35E-04	-8.34E-04	-2.79E-03	-3.18E-03	-3.28

<sup>1</sup> Residential Maximum Grid No. 655

NA = Not Available ug/m<sup>3</sup> = micrograms per cubic meter  
 NC = Not Calculated mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016

Table 1-10.2  
 2015 OEHHA Risk Calculation for LAX Landside Access Modernization Program, 2035 With Project vs. 2014 Baseline Operations - Screening Analysis:  
 - Lifetime Exposure (Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)

Exposure Parameters	Ages 16<30		Ages 16<70		Equations	Where: HQ = Hazard Quotient DBR = Daily Breathing Rate EF = Fraction of Year A = Absorption Fraction CF = Conversion Factor	Cair = Exposure Concentration ASF = Age sensitivity factor ED = Fraction of Averaging time FAH = Fraction of Time at Home CPF = Cancer Potency Factor
	Worker 8-hr Daily Breathing Rate (DBR)	240 L/kg-d	230 L/kg-d	Risk = Cair*DBR*EF*CF*A*ASF*ED*FAH*CPF HQ = Cair / REL			
Fraction of Year (EF)	0.68 unitless	0.68 unitless	0.68 unitless				
Absorption Fraction (A)	1 unitless	1 unitless	1 unitless				
Conversion Factor (CF)	0.000001 m3/L	0.000001 m3/L	0.000001 m3/L				
Age-adjustment (ASF)	1 unitless	1 unitless	1 unitless				
Fraction of Averaging Time (ED)	0.21 unitless	0.143 unitless	0.143 unitless				
Worker Adjustment Factor (WAH)	1 unitless	1 unitless	1 unitless				
Worker	Start Age 16	End Age 41 Year					
TAC	Toxicity Criteria					Cancer Risks Cancer Risk to Worker	Hazard Quotients Hazard Quotient Worker
	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	EPA Inhalation CPF (mg/kg-day) <sup>-1</sup>	CalEPA Inhalation CPF (mg/kg-day) <sup>-1</sup>	EPA RfC (ug/m <sup>3</sup> )	CalEPA REL (ug/m <sup>3</sup> )		
1,2,4-trimethylbenzene	-1.44E-04	NA	NA	7.00E+00	NA	NC	-2.05E-05
1,3-butadiene	-7.80E-05	1.05E-01	6.00E-01	2.00E+00	2.00E+00	-2.70E-09	-3.90E-05
2,2,4-trimethylpentane	-3.19E-04	NA	NA	NA	NA	NC	NC
acetaldehyde	-2.08E-04	7.70E-03	1.00E-02	9.00E+00	1.40E+02	-1.20E-10	-1.48E-06
acrolein	-1.76E-05	NA	NA	2.00E-02	3.50E-01	NC	-5.03E-05
benzene	-3.81E-04	2.73E-02	1.00E-01	3.00E+01	3.00E+00	-2.20E-09	-1.27E-04
cumene	-2.06E-06	NA	NA	4.00E+02	NA	NC	-5.16E-09
cyclohexane	-8.40E-05	NA	NA	6.00E+03	NA	NC	-1.40E-08
ethylbenzene	-1.50E-04	8.75E-03	8.70E-03	1.00E+03	2.00E+03	-7.52E-11	-7.48E-08
ethylene	-1.19E-03	NA	NA	NA	NA	NC	NC
formaldehyde	-5.53E-04	4.55E-02	2.10E-02	9.80E+00	9.00E+00	-6.71E-10	-6.15E-05
hexane, n-isoprene, except from vegetative emission sources	-2.20E-04	NA	NA	7.00E+02	7.00E+03	NC	-3.14E-08
1,2-dichloroethane	-1.92E-05	NA	NA	NA	NA	NC	NC
methyl alcohol	-1.67E-05	NA	NA	2.00E+04	4.00E+03	NC	-4.18E-09
methyl ethyl ketone	-3.73E-05	NA	NA	5.00E+03	NA	NC	-7.46E-09
naphthalene	-8.48E-06	1.19E-01	1.20E-01	3.00E+00	9.00E+00	-5.87E-11	-9.42E-07
propionaldehyde	-2.71E-05	NA	NA	8.00E+00	NA	NC	-3.39E-06
propylene	-4.75E-04	NA	NA	3.00E+03	3.00E+03	NC	-1.58E-07
styrene	-1.74E-05	NA	NA	1.00E+03	9.00E+02	NC	-1.93E-08
toluene	-8.14E-04	NA	NA	5.00E+03	3.00E+02	NC	-2.71E-06
xylene (total)	-6.76E-04	NA	NA	1.00E+02	7.00E+02	NC	-9.66E-07
aluminum	-1.47E+00	NA	NA	5.00E+00	NA	NC	-2.94E-01
ammonium ion	-4.00E-02	NA	NA	1.00E+02	2.00E+02	NC	-2.00E-04
antimony	-9.34E-04	NA	NA	NA	NA	NC	NC
arsenic	-2.36E-04	1.51E+01	1.20E+01	1.50E-02	1.50E-02	-1.63E-07	-1.57E-02
barium	-3.27E-01	NA	NA	5.00E-01	NA	NC	-6.54E-01
bromine	-4.22E-04	NA	NA	NA	NA	NC	NC
cadmium	-4.13E-05	6.30E+00	1.50E+01	1.00E-02	2.00E-02	-3.57E-08	-2.06E-03
chlorine	-2.69E-02	NA	NA	1.50E-01	2.00E-01	NC	-1.34E-01
chromium (VI)	-6.94E-03	4.20E+01	5.10E+02	1.00E-01	2.00E-01	-2.04E-04	-3.47E-02
cobalt	-3.25E-04	NA	NA	6.00E-03	NA	NC	-5.41E-02
copper	-6.86E-02	NA	NA	NA	NA	NC	NC
lead	-2.19E-03	NA	4.20E-02	NA	NA	-5.31E-09	NC
manganese	-2.09E-02	NA	NA	5.00E-02	9.00E-02	NC	-2.32E-01
mercury	-1.24E-04	NA	NA	3.00E-01	3.00E-02	NC	-4.12E-03
nickel	-4.02E-03	8.40E-01	9.10E-01	9.00E-02	1.40E-02	-2.11E-07	-2.87E-01
non-phosphorus phosphorous	0.00E+00	NA	NA	NA	NA	NC	NC
phosphorus	-3.89E-02	NA	NA	NA	NA	NC	NC
selenium	-1.67E-04	NA	NA	2.00E+01	2.00E+01	NC	-8.35E-06
silicon	-4.56E+00	NA	NA	3.00E+00	3.00E+00	NC	-1.52E+00
silver	-4.97E-08	NA	NA	NA	NA	NC	NC
sulfates	-2.40E-01	NA	NA	NA	NA	NC	NC
thallium	-5.49E-05	NA	NA	NA	NA	NC	NC
vanadium	-4.76E-03	NA	NA	1.00E-01	NA	NC	-4.76E-02
zinc	-2.18E-02	NA	NA	NA	NA	NC	NC
Diesel PM	-5.46E-06	1.05E+00	1.10E+00	5.00E+00	5.00E+00	-3.47E-10	-1.09E-06
<sup>1</sup> Commercial Maximum Grid No. 655						<b>TOTAL</b>	<b>-2.05E-04</b>
							<b>-3.28</b>

NA = Not Available  
 NC = Not Calculated  
 ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016

Table 1-9.2  
 2015 OEHHA Risk Calculation for LAX Landside Access Modernization Program, 2035 Without Project vs. 2014 Baseline Operations - Screening Analysis:  
 - Lifetime Exposure (Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)

Exposure Parameters	Ages 16<30		Ages 16<70		Equations
	240 L/kg-d	0.68 unitless	230 L/kg-d	0.68 unitless	
Worker 8-hr Daily Breathing Rate (DBR)	240 L/kg-d	0.68 unitless	230 L/kg-d	0.68 unitless	Risk = Cair*DBR*EF*CF*A*ASF*ED*FAH*CPF
Fraction of Year (EF)	1 unitless	1 unitless	1 unitless	1 unitless	HQ = Cair / REL
Absorption Fraction (A)	0.000001 m3/L	1 unitless	0.000001 m3/L	1 unitless	Where: HQ = Hazard Quotient Cair = Exposure Concentration
Conversion Factor (CF)	1 unitless	1 unitless	1 unitless	1 unitless	DBR = Daily Breathing Rate ASF = Age sensitivity factor
Age-adjustment (ASF)	0.21 unitless	1 unitless	0.143 unitless	1 unitless	EF = Fraction of Year ED = Fraction of Averaging time
Fraction of Averaging Time (ED)	1 unitless	1 unitless	1 unitless	1 unitless	A = Absorption Fraction FAH = Fraction of Time at Home
Worker Adjustment Factor (WAH)	1 unitless	1 unitless	1 unitless	1 unitless	CF = Conversion Factor CPF = Cancer Potency Factor
Worker	Start Age 16	End Age 41	Year		

TAC	Toxicity Criteria					Cancer Risks	Hazard Quotients
	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	EPA Inhalation CPF (mg/kg-day) <sup>1</sup>	CalEPA Inhalation CPF (mg/kg-day) <sup>1</sup>	EPA RfC (ug/m <sup>3</sup> )	CalEPA REL (ug/m <sup>3</sup> )		
1,2,4-trimethylbenzene	-1.58E-04	NA	NA	7.00E+00	NA	NC	-2.25E-05
1,3-butadiene	-8.58E-05	1.05E-01	6.00E-01	2.00E+00	2.00E+00	-2.97E-09	-4.29E-05
2,2,4-trimethylpentane	-3.51E-04	NA	NA	NA	NA	NC	NC
acetaldehyde	-2.25E-04	7.70E-03	1.00E-02	9.00E+00	1.40E+02	-1.30E-10	-1.61E-06
acrolein	-1.94E-05	NA	NA	2.00E-02	3.50E-01	NC	-5.54E-05
benzene	-4.18E-04	2.73E-02	1.00E-01	3.00E+01	3.00E+00	-2.41E-09	-1.39E-04
cumene	-2.26E-06	NA	NA	4.00E+02	NA	NC	-5.65E-09
cyclohexane	-9.24E-05	NA	NA	6.00E+03	NA	NC	-1.54E-08
ethylbenzene	-1.65E-04	8.75E-03	8.70E-03	1.00E+03	2.00E+03	-8.26E-11	-8.23E-08
ethylene	-1.31E-03	NA	NA	NA	NA	NC	NC
formaldehyde	-6.03E-04	4.55E-02	2.10E-02	9.80E+00	9.00E+00	-7.31E-10	-6.70E-05
hexane, n-	-2.42E-04	NA	NA	7.00E+02	7.00E+03	NC	-3.45E-08
isoprene, except from vegetative emission sources	-2.11E-05	NA	NA	NA	NA	NC	NC
methyl alcohol	-1.84E-05	NA	NA	2.00E+04	4.00E+03	NC	-4.59E-09
methyl ethyl ketone	-4.04E-05	NA	NA	5.00E+03	NA	NC	-8.08E-09
naphthalene	-9.29E-06	1.19E-01	1.20E-01	3.00E+00	9.00E+00	-6.44E-11	-1.03E-06
propionaldehyde	-2.95E-05	NA	NA	8.00E+00	NA	NC	-3.68E-06
propylene	-5.21E-04	NA	NA	3.00E+03	3.00E+03	NC	-1.74E-07
styrene	-1.91E-05	NA	NA	1.00E+03	9.00E+02	NC	-2.12E-08
toluene	-8.95E-04	NA	NA	5.00E+03	3.00E+02	NC	-2.98E-06
xylene (total)	-7.43E-04	NA	NA	1.00E+02	7.00E+02	NC	-1.06E-06
aluminum	-1.57E+00	NA	NA	5.00E+00	NA	NC	-3.14E-01
ammonium Ion	-4.29E-02	NA	NA	1.00E+02	2.00E+02	NC	-2.14E-04
antimony	-1.00E-03	NA	NA	NA	NA	NC	NC
arsenic	-2.52E-04	1.51E+01	1.20E+01	1.50E-02	1.50E-02	-1.75E-07	-1.68E-02
barium	-3.46E-01	NA	NA	5.00E-01	NA	NC	-6.92E-01
bromine	-4.50E-04	NA	NA	NA	NA	NC	NC
cadmium	-4.42E-05	6.30E+00	1.50E+01	1.00E-02	2.00E-02	-3.83E-08	-2.21E-03
chlorine	-2.87E-02	NA	NA	1.50E-01	2.00E-01	NC	-1.43E-01
chromium (VI)	-7.35E-03	4.20E+01	5.10E+02	1.00E-01	2.00E-01	-2.16E-04	-3.68E-02
cobalt	-3.49E-04	NA	NA	6.00E-03	NA	NC	-5.81E-02
copper	-7.26E-02	NA	NA	NA	NA	NC	NC
lead	-2.34E-03	NA	4.20E-02	NA	NA	-5.67E-09	NC
manganese	-2.22E-02	NA	NA	5.00E-02	9.00E-02	NC	-2.47E-01
mercury	-1.32E-04	NA	NA	3.00E-01	3.00E-02	NC	-4.41E-03
nickel	-4.26E-03	8.40E-01	9.10E-01	9.00E-02	1.40E-02	-2.24E-07	-3.04E-01
non-phosphorus phosphorous	0.00E+00	NA	NA	NA	NA	NC	NC
phosphorus	-4.17E-02	NA	NA	NA	NA	NC	NC
selenium	-1.77E-04	NA	NA	2.00E+01	2.00E+01	NC	-8.86E-06
silicon	-4.88E+00	NA	NA	3.00E+00	3.00E+00	NC	-1.63E+00
silver	-5.46E-08	NA	NA	NA	NA	NC	NC
sulfates	-2.55E-01	NA	NA	NA	NA	NC	NC
thallium	-5.88E-05	NA	NA	NA	NA	NC	NC
vanadium	-5.05E-03	NA	NA	1.00E-01	NA	NC	-5.05E-02
zinc	-2.32E-02	NA	NA	NA	NA	NC	NC
Diesel PM	-4.77E-06	1.05E+00	1.10E+00	5.00E+00	5.00E+00	-3.03E-10	-9.53E-07
<sup>1</sup> Commercial Maximum Grid No. 655				<b>TOTAL</b>		<b>-2.17E-04</b>	<b>-3.50</b>

NA = Not Available ug/m<sup>3</sup> = micrograms per cubic meter  
 NC = Not Calculated mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2016

## Attachment 2

# Acute Non-Cancer Health Hazard Calculations

# Construction

## 2-1 Unmitigated

**Table 2-1.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2019 Unmitigated Construction,**  
**Construction TAC Concentrations**

	acetaldehyde ( $\mu\text{g}/\text{m}^3$ )	acrolein ( $\mu\text{g}/\text{m}^3$ )	benzene ( $\mu\text{g}/\text{m}^3$ )	formaldehyde ( $\mu\text{g}/\text{m}^3$ )	methyl alcohol ( $\mu\text{g}/\text{m}^3$ )	methyl ethyl ketone ( $\mu\text{g}/\text{m}^3$ )	styrene ( $\mu\text{g}/\text{m}^3$ )	toluene ( $\mu\text{g}/\text{m}^3$ )	xylene, total ( $\mu\text{g}/\text{m}^3$ )	1,3-Butadiene ( $\mu\text{g}/\text{m}^3$ )	ethyl benzene ( $\mu\text{g}/\text{m}^3$ )	ammonium ( $\mu\text{g}/\text{m}^3$ )	arsenic ( $\mu\text{g}/\text{m}^3$ )	chlorine ( $\mu\text{g}/\text{m}^3$ )	copper ( $\mu\text{g}/\text{m}^3$ )	manganese ( $\mu\text{g}/\text{m}^3$ )	mercury ( $\mu\text{g}/\text{m}^3$ )	nickel ( $\mu\text{g}/\text{m}^3$ )	vanadium ( $\mu\text{g}/\text{m}^3$ )	sulfates ( $\mu\text{g}/\text{m}^3$ )
Commercial - Onsite <b>Max Location</b>																				
Maximum Onsite Concentration-->	4.69E+00	1.53E-03	1.35E+00	9.39E+00	2.05E-02	9.43E-01	3.96E-02	1.00E+00	7.25E-01	1.27E-01	2.10E-01	9.18E-02	4.36E-04	7.42E-02	2.95E-02	1.85E-02	1.03E-03	3.02E-03	6.16E-03	6.64E-01
Average Onsite Concentration-->	2.93E+00	9.32E-04	8.47E-01	5.87E+00	1.28E-02	5.89E-01	2.47E-02	6.27E-01	4.53E-01	7.96E-02	1.31E-01	5.76E-02	2.86E-04	4.88E-02	1.87E-02	1.22E-02	6.57E-04	1.94E-03	4.05E-03	4.20E-01
Minimum Onsite Concentration-->	1.17E+00	3.38E-04	3.40E-01	2.35E+00	5.09E-03	2.36E-01	9.86E-03	2.49E-01	1.80E-01	3.17E-02	5.21E-02	2.34E-02	1.36E-04	2.34E-02	7.94E-03	5.95E-03	2.82E-04	8.64E-04	1.93E-03	1.76E-01
Commercial - Offsite <b>Max Location</b>																				
Maximum Offsite Concentration-->	3.49E+00	6.56E-03	1.09E+00	7.04E+00	2.02E-02	7.01E-01	3.43E-02	9.86E-01	7.39E-01	1.17E-01	2.00E-01	7.06E-02	1.50E-03	2.70E-01	1.09E-01	7.26E-02	1.45E-03	9.02E-03	2.13E-02	1.03E+00
Average Offsite Concentration-->	6.86E-01	4.67E-04	2.07E-01	1.38E+00	3.22E-03	1.38E-01	6.02E-03	1.58E-01	1.15E-01	1.97E-02	3.27E-02	1.52E-02	2.66E-04	4.88E-02	9.90E-03	1.29E-02	3.20E-04	1.34E-03	3.89E-03	1.71E-01
Minimum Offsite Concentration-->	8.92E-02	2.61E-05	2.58E-02	1.79E-01	3.87E-04	1.79E-02	7.51E-04	1.90E-02	1.37E-02	2.41E-03	3.97E-03	1.81E-03	1.28E-05	2.18E-03	6.33E-04	5.53E-04	2.49E-05	7.92E-05	1.81E-04	1.44E-02
Residential <b>Max Location</b>																				
Maximum Offsite Concentration-->	1.28E+00	9.59E-04	3.70E-01	2.56E+00	5.67E-03	2.57E-01	1.08E-02	2.78E-01	2.03E-01	3.46E-02	5.74E-02	2.78E-02	9.34E-04	1.69E-01	2.23E-02	4.53E-02	9.34E-04	3.95E-03	1.34E-02	4.12E-01
Average Offsite Concentration-->	3.65E-01	1.44E-04	1.07E-01	7.33E-01	1.62E-03	7.36E-02	3.11E-03	7.94E-02	5.75E-02	1.00E-02	1.66E-02	7.62E-03	9.60E-05	1.70E-02	3.01E-03	4.45E-03	1.32E-04	4.53E-04	1.35E-03	6.97E-02
Minimum Offsite Concentration-->	5.27E-02	1.60E-05	1.52E-02	1.06E-01	2.29E-04	1.06E-02	4.44E-04	1.12E-02	8.11E-03	1.43E-03	2.35E-03	1.07E-03	7.90E-06	1.36E-03	4.22E-04	3.46E-04	1.47E-05	4.96E-05	1.13E-04	8.63E-03
CalEPA Acute REL	470	2.5	27	55	28000	13000	21000	37000	22000	660	2000	3200	0.2	210	100	0.17	0.6	0.2	30	120
Commercial - Onsite																				
Onsite Maximum Acute Hazard-->	9.97E-03	6.10E-04	5.02E-02	1.71E-01	7.32E-07	7.26E-05	1.89E-06	2.71E-05	3.30E-05	1.93E-04	1.05E-04	2.87E-05	2.18E-03	3.53E-04	2.95E-04	1.09E-01	1.72E-03	1.51E-02	2.05E-04	5.54E-03
Onsite Average Acute Hazard-->	6.23E-03	3.73E-04	3.14E-02	1.07E-01	4.57E-07	4.53E-05	1.18E-06	1.69E-05	2.06E-05	1.21E-04	6.55E-05	1.80E-05	1.43E-03	2.32E-04	1.87E-04	7.20E-02	1.10E-03	9.71E-03	1.35E-04	3.50E-03
Onsite Minimum Acute Hazard-->	2.49E-03	1.35E-04	1.26E-02	4.27E-02	1.82E-07	1.81E-05	4.70E-07	6.73E-06	8.17E-06	4.80E-05	2.61E-05	7.31E-06	6.79E-04	1.11E-04	7.94E-05	3.50E-02	4.70E-04	4.32E-03	6.43E-05	1.46E-03
Commercial - Offsite																				
Offsite Maximum Acute Hazard-->	7.43E-03	2.62E-03	4.03E-02	1.28E-01	7.20E-07	5.39E-05	1.64E-06	2.66E-05	3.36E-05	1.78E-04	9.98E-05	2.21E-05	7.50E-03	1.29E-03	1.09E-03	4.27E-01	2.41E-03	4.51E-02	7.11E-04	8.60E-03
Offsite Average Acute Hazard-->	1.46E-03	1.87E-04	7.66E-03	2.50E-02	1.15E-07	1.06E-05	2.86E-07	4.26E-06	5.23E-06	2.98E-05	1.63E-05	4.75E-06	1.33E-03	2.32E-04	9.90E-05	7.58E-02	5.33E-04	6.70E-03	1.30E-04	1.42E-03
Offsite Minimum Acute Hazard-->	1.90E-04	1.04E-05	9.57E-04	3.25E-03	1.38E-08	1.38E-06	3.58E-08	5.13E-07	6.22E-07	3.66E-06	1.98E-06	5.65E-07	6.40E-05	1.04E-05	6.33E-06	3.25E-03	4.16E-05	3.96E-04	6.04E-06	1.20E-04
Residential																				
Offsite Maximum Acute Hazard-->	2.72E-03	3.84E-04	1.37E-02	4.66E-02	2.03E-07	1.98E-05	5.12E-07	7.50E-06	9.24E-06	5.24E-05	2.87E-05	8.69E-06	4.67E-03	8.04E-04	2.23E-04	2.66E-01	1.56E-03	1.97E-02	4.46E-04	3.44E-03
Offsite Average Acute Hazard-->	7.78E-04	5.74E-05	3.96E-03	1.33E-02	5.79E-08	5.66E-06	1.48E-07	2.15E-06	2.61E-06	1.52E-05	8.28E-06	2.38E-06	4.80E-04	8.11E-05	3.01E-05	2.62E-02	2.21E-04	2.26E-03	4.50E-05	5.81E-04
Offsite Minimum Acute Hazard-->	1.12E-04	6.40E-06	5.65E-04	1.92E-03	8.19E-09	8.16E-07	2.12E-08	3.04E-07	3.69E-07	2.16E-06	1.17E-06	3.33E-07	3.95E-05	6.45E-06	4.22E-06	2.04E-03	2.45E-05	2.48E-04	3.76E-06	7.19E-05



























**Table 2-1.2**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2020 Unmitigated Construction,**  
**Construction TAC Concentrations**

	acetaldehyde (µg/m <sup>3</sup> )	acrolein (µg/m <sup>3</sup> )	benzene (µg/m <sup>3</sup> )	formaldehyde (µg/m <sup>3</sup> )	methyl alcohol (µg/m <sup>3</sup> )	methyl ethyl ketone (µg/m <sup>3</sup> )	styrene (µg/m <sup>3</sup> )	toluene (µg/m <sup>3</sup> )	xylene, total (µg/m <sup>3</sup> )	1,3-Butadiene (µg/m <sup>3</sup> )	ethyl benzene (µg/m <sup>3</sup> )	ammonium (µg/m <sup>3</sup> )	arsenic (µg/m <sup>3</sup> )	chlorine (µg/m <sup>3</sup> )	copper (µg/m <sup>3</sup> )	manganese (µg/m <sup>3</sup> )	mercury (µg/m <sup>3</sup> )	nickel (µg/m <sup>3</sup> )	vanadium (µg/m <sup>3</sup> )	sulfates (µg/m <sup>3</sup> )
<b>Commercial - Onsite</b>																				
<b>Max Location</b>																				
Maximum Onsite Concentration-->	4.11E+00	3.58E-03	1.23E+00	8.24E+00	2.00E-02	8.26E-01	3.67E-02	9.78E-01	7.18E-01	1.21E-01	2.02E-01	6.77E-02	4.86E-04	9.25E-02	4.45E-02	2.40E-02	8.75E-04	4.00E-03	7.82E-03	6.21E-01
Average Onsite Concentration-->	2.28E+00	1.96E-03	6.90E-01	4.59E+00	1.11E-02	4.60E-01	2.04E-02	5.43E-01	3.98E-01	6.72E-02	1.12E-01	3.57E-02	2.98E-04	5.63E-02	2.41E-02	1.47E-02	4.93E-04	2.26E-03	4.72E-03	3.37E-01
Minimum Onsite Concentration-->	4.64E-01	3.37E-04	1.47E-01	9.32E-01	2.20E-03	9.34E-02	4.09E-03	1.08E-01	7.87E-02	1.34E-02	2.23E-02	3.62E-03	1.10E-04	2.01E-02	3.71E-03	5.44E-03	1.12E-04	5.27E-04	1.62E-03	5.42E-02
<b>Commercial - Offsite</b>																				
<b>Max Location</b>																				
Maximum Offsite Concentration-->	1.81E+00	1.44E-03	5.50E-01	3.63E+00	8.67E-03	3.63E-01	1.60E-02	4.24E-01	3.11E-01	5.26E-02	8.77E-02	7.00E-02	3.43E-03	6.16E-01	4.80E-02	1.65E-01	3.21E-03	1.25E-02	4.80E-02	1.23E+00
Average Offsite Concentration-->	4.19E-01	3.01E-04	1.31E-01	8.40E-01	1.98E-03	8.42E-02	3.68E-03	9.69E-02	7.08E-02	1.21E-02	2.01E-02	1.23E-02	6.98E-04	1.26E-01	1.05E-02	3.37E-02	6.37E-04	2.59E-03	9.82E-03	2.42E-01
Minimum Offsite Concentration-->	3.49E-02	2.49E-05	1.11E-02	7.01E-02	1.65E-04	7.03E-03	3.07E-04	8.08E-03	5.90E-03	1.01E-03	1.67E-03	4.32E-04	2.78E-05	5.00E-03	4.10E-04	1.35E-03	2.49E-05	1.03E-04	3.92E-04	9.22E-03
<b>Residential</b>																				
<b>Max Location</b>																				
Maximum Offsite Concentration-->	1.26E+00	9.53E-04	3.81E-01	2.53E+00	6.00E-03	2.53E-01	1.11E-02	2.94E-01	2.15E-01	3.65E-02	6.08E-02	4.69E-02	2.55E-03	4.59E-01	3.77E-02	1.23E-01	2.34E-03	9.45E-03	3.59E-02	8.94E-01
Average Offsite Concentration-->	1.90E-01	1.37E-04	5.92E-02	3.82E-01	8.99E-04	3.83E-02	1.67E-03	4.40E-02	3.22E-02	5.48E-03	9.12E-03	4.41E-03	2.52E-04	4.54E-02	3.79E-03	1.22E-02	2.30E-04	9.37E-04	3.55E-03	8.71E-02
Minimum Offsite Concentration-->	2.30E-02	1.58E-05	7.16E-03	4.61E-02	1.08E-04	4.62E-03	2.02E-04	5.29E-03	3.86E-03	6.59E-04	1.10E-03	2.64E-04	1.56E-05	2.80E-03	2.43E-04	7.57E-04	1.42E-05	5.84E-05	2.21E-04	5.29E-03
<b>CalEPA Acute REL</b>	<b>470</b>	<b>2.5</b>	<b>27</b>	<b>55</b>	<b>28000</b>	<b>13000</b>	<b>21000</b>	<b>37000</b>	<b>22000</b>	<b>660</b>	<b>2000</b>	<b>3200</b>	<b>0.2</b>	<b>210</b>	<b>100</b>	<b>0.17</b>	<b>0.6</b>	<b>0.2</b>	<b>30</b>	<b>120</b>
<b>Commercial - Onsite</b>																				
Onsite Maximum Acute Hazard-->	8.74E-03	1.43E-03	4.56E-02	1.50E-01	7.14E-07	6.35E-05	1.75E-06	2.64E-05	3.26E-05	1.83E-04	1.01E-04	2.12E-05	2.43E-03	4.41E-04	4.45E-04	1.41E-01	1.46E-03	2.00E-02	2.61E-04	5.17E-03
Onsite Average Acute Hazard-->	4.86E-03	7.84E-04	2.55E-02	8.34E-02	3.96E-07	3.54E-05	9.71E-07	1.47E-05	1.81E-05	1.02E-04	5.60E-05	1.12E-05	1.49E-03	2.68E-04	2.41E-04	8.66E-02	8.22E-04	1.13E-02	1.57E-04	2.81E-03
Onsite Minimum Acute Hazard-->	9.88E-04	1.35E-04	5.45E-03	1.69E-02	7.85E-08	7.19E-06	1.95E-07	2.91E-06	3.58E-06	2.03E-05	1.11E-05	1.13E-06	5.50E-04	9.59E-05	3.71E-05	3.20E-02	1.87E-04	2.64E-03	5.41E-05	4.52E-04
<b>Commercial - Offsite</b>																				
Offsite Maximum Acute Hazard-->	3.84E-03	5.77E-04	2.04E-02	6.59E-02	3.10E-07	2.79E-05	7.63E-07	1.15E-05	1.41E-05	7.98E-05	4.39E-05	2.19E-05	1.72E-02	2.93E-03	4.80E-04	9.68E-01	5.34E-03	6.27E-02	1.60E-03	1.02E-02
Offsite Average Acute Hazard-->	8.90E-04	1.20E-04	4.86E-03	1.53E-02	7.07E-08	6.48E-06	1.75E-07	2.62E-06	3.22E-06	1.83E-05	1.00E-05	3.85E-06	3.49E-03	5.98E-04	1.05E-04	1.98E-01	1.06E-03	1.30E-02	3.27E-04	2.02E-03
Offsite Minimum Acute Hazard-->	7.43E-05	9.95E-06	4.09E-04	1.27E-03	5.89E-09	5.40E-07	1.46E-08	2.18E-07	2.68E-07	1.52E-06	8.36E-07	1.35E-07	1.39E-04	2.38E-05	4.10E-06	7.92E-03	4.16E-05	5.14E-04	1.31E-05	7.69E-05
<b>Residential</b>																				
Offsite Maximum Acute Hazard-->	2.68E-03	3.81E-04	1.41E-02	4.60E-02	2.14E-07	1.95E-05	5.30E-07	7.94E-06	9.77E-06	5.53E-05	3.04E-05	1.47E-05	1.28E-02	2.19E-03	3.77E-04	7.24E-01	3.91E-03	4.73E-02	1.20E-03	7.45E-03
Offsite Average Acute Hazard-->	4.05E-04	5.46E-05	2.19E-03	6.94E-03	3.21E-08	2.94E-06	7.97E-08	1.19E-06	1.46E-06	8.30E-06	4.56E-06	1.38E-06	1.26E-03	2.16E-04	3.79E-05	7.17E-02	3.83E-04	4.69E-03	1.18E-04	7.26E-04
Offsite Minimum Acute Hazard-->	4.89E-05	6.34E-06	2.65E-04	8.38E-04	3.86E-09	3.55E-07	9.60E-09	1.43E-07	1.76E-07	9.99E-07	5.48E-07	8.24E-08	7.82E-05	1.34E-05	2.43E-06	4.45E-03	2.36E-05	2.92E-04	7.36E-06	4.41E-05



























# Construction

## 2-2 Mitigated

**Table 2-2.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2019 Mitigated Construction,**  
**Construction TAC Concentrations**

	acetaldehyde ( $\mu\text{g}/\text{m}^3$ )	acrolein ( $\mu\text{g}/\text{m}^3$ )	benzene ( $\mu\text{g}/\text{m}^3$ )	formaldehyde ( $\mu\text{g}/\text{m}^3$ )	methyl alcohol ( $\mu\text{g}/\text{m}^3$ )	methyl ethyl ketone ( $\mu\text{g}/\text{m}^3$ )	styrene ( $\mu\text{g}/\text{m}^3$ )	toluene ( $\mu\text{g}/\text{m}^3$ )	xylene, total ( $\mu\text{g}/\text{m}^3$ )	1,3-Butadiene ( $\mu\text{g}/\text{m}^3$ )	ethyl benzene ( $\mu\text{g}/\text{m}^3$ )	ammonium ( $\mu\text{g}/\text{m}^3$ )	arsenic ( $\mu\text{g}/\text{m}^3$ )	chlorine ( $\mu\text{g}/\text{m}^3$ )	copper ( $\mu\text{g}/\text{m}^3$ )	manganese ( $\mu\text{g}/\text{m}^3$ )	mercury ( $\mu\text{g}/\text{m}^3$ )	nickel ( $\mu\text{g}/\text{m}^3$ )	vanadium ( $\mu\text{g}/\text{m}^3$ )	sulfates ( $\mu\text{g}/\text{m}^3$ )
Commercial - Onsite <b>Max Location</b>																				
Maximum Onsite Concentration-->	1.70E+00	1.53E-03	5.42E-01	3.41E+00	8.31E-03	3.42E-01	1.52E-02	4.07E-01	2.99E-01	5.02E-02	8.39E-02	1.48E-02	2.83E-04	5.95E-02	2.85E-02	1.57E-02	3.16E-04	2.45E-03	4.96E-03	2.57E-01
Average Onsite Concentration-->	1.07E+00	9.32E-04	3.41E-01	2.15E+00	5.20E-03	2.15E-01	9.55E-03	2.54E-01	1.87E-01	3.15E-02	5.25E-02	9.36E-03	1.88E-04	3.92E-02	1.81E-02	1.04E-02	2.07E-04	1.58E-03	3.26E-03	1.64E-01
Minimum Onsite Concentration-->	4.37E-01	3.38E-04	1.40E-01	8.76E-01	2.09E-03	8.78E-02	3.86E-03	1.02E-01	7.48E-02	1.27E-02	2.11E-02	3.93E-03	9.27E-05	1.89E-02	7.69E-03	5.03E-03	9.77E-05	7.07E-04	1.56E-03	7.17E-02
Commercial - Offsite <b>Max Location</b>																				
Maximum Offsite Concentration-->	1.61E+00	6.56E-03	5.78E-01	3.28E+00	1.25E-02	3.23E-01	1.90E-02	6.10E-01	4.71E-01	6.88E-02	1.21E-01	1.60E-02	1.43E-03	2.62E-01	1.07E-01	7.08E-02	1.21E-03	8.40E-03	2.07E-02	7.30E-01
Average Offsite Concentration-->	2.64E-01	4.87E-04	9.21E-02	5.32E-01	1.50E-03	5.31E-02	2.57E-03	7.33E-02	5.49E-02	8.75E-03	1.49E-02	3.56E-03	2.35E-04	4.49E-02	9.65E-03	1.20E-02	2.05E-04	1.22E-03	3.59E-03	1.07E-01
Minimum Offsite Concentration-->	3.30E-02	2.61E-05	1.06E-02	6.63E-02	1.58E-04	6.64E-03	2.93E-04	7.75E-03	5.67E-03	9.61E-04	1.60E-03	3.32E-04	9.45E-06	1.91E-03	6.20E-04	5.11E-04	1.00E-05	6.84E-05	1.59E-04	6.66E-03
Residential <b>Max Location</b>																				
Maximum Offsite Concentration-->	4.90E-01	9.59E-04	1.71E-01	9.83E-01	2.63E-03	9.85E-02	4.41E-03	1.29E-01	9.70E-02	1.52E-02	2.60E-02	8.95E-03	8.81E-04	1.63E-01	2.19E-02	4.39E-02	7.47E-04	3.76E-03	1.29E-02	3.09E-01
Average Offsite Concentration-->	1.37E-01	1.44E-04	4.47E-02	2.75E-01	6.88E-04	2.75E-02	1.25E-03	3.37E-02	2.48E-02	4.13E-03	6.92E-03	1.58E-03	8.31E-05	1.57E-02	2.92E-03	4.19E-03	7.55E-05	4.06E-04	1.24E-03	3.75E-02
Minimum Offsite Concentration-->	1.96E-02	1.60E-05	6.25E-03	3.93E-02	9.44E-05	3.94E-03	1.74E-04	4.62E-03	3.39E-03	5.73E-04	9.55E-04	1.94E-04	6.09E-06	1.22E-03	4.11E-04	3.28E-04	6.28E-06	4.31E-05	1.01E-04	4.01E-03
CalEPA Acute REL	470	2.5	27	55	28000	13000	21000	37000	22000	660	2000	3200	0.2	210	100	0.17	0.6	0.2	30	120
Commercial - Onsite																				
Onsite Maximum Acute Hazard-->	3.62E-03	6.10E-04	2.01E-02	6.21E-02	2.97E-07	2.63E-05	7.26E-07	1.10E-05	1.36E-05	7.61E-05	4.20E-05	4.62E-06	1.41E-03	2.83E-04	2.85E-04	9.25E-02	5.27E-04	1.23E-02	1.65E-04	2.14E-03
Onsite Average Acute Hazard-->	2.27E-03	3.73E-04	1.26E-02	3.90E-02	1.86E-07	1.65E-05	4.55E-07	6.88E-06	8.49E-06	4.77E-05	2.63E-05	2.93E-06	9.39E-04	1.86E-04	1.81E-04	6.11E-02	3.45E-04	7.90E-03	1.09E-04	1.37E-03
Onsite Minimum Acute Hazard-->	9.29E-04	1.35E-04	5.17E-03	1.59E-02	7.45E-08	6.75E-06	1.84E-07	2.76E-06	3.40E-06	1.92E-05	1.06E-05	1.23E-06	4.63E-04	8.98E-05	7.69E-05	2.96E-02	1.63E-04	3.54E-03	5.21E-05	5.98E-04
Commercial - Offsite																				
Offsite Maximum Acute Hazard-->	3.43E-03	2.62E-03	2.14E-02	5.96E-02	4.46E-07	2.49E-05	9.06E-07	1.65E-05	2.14E-05	1.04E-04	6.03E-05	5.01E-06	7.16E-03	1.25E-03	1.07E-03	4.16E-01	2.02E-03	4.20E-02	6.89E-04	6.08E-03
Offsite Average Acute Hazard-->	5.62E-04	1.87E-04	3.41E-03	9.68E-03	5.35E-08	4.08E-06	1.22E-07	1.98E-06	2.49E-06	1.33E-05	7.44E-06	1.11E-06	1.17E-03	2.14E-04	9.65E-05	7.08E-02	3.42E-04	6.11E-03	1.20E-04	8.93E-04
Offsite Minimum Acute Hazard-->	7.03E-05	1.04E-05	3.92E-04	1.21E-03	5.65E-09	5.11E-07	1.39E-08	2.09E-07	2.58E-07	1.46E-06	8.01E-07	1.04E-07	4.73E-05	9.11E-06	6.20E-06	3.01E-03	1.67E-05	3.42E-04	5.29E-06	5.55E-05
Residential																				
Offsite Maximum Acute Hazard-->	1.04E-03	3.84E-04	6.34E-03	1.79E-02	9.40E-08	7.58E-06	2.10E-07	3.48E-06	4.41E-06	2.30E-05	1.30E-05	2.80E-06	4.41E-03	7.74E-04	2.19E-04	2.58E-01	1.24E-03	1.88E-02	4.29E-04	2.58E-03
Offsite Average Acute Hazard-->	2.91E-04	5.74E-05	1.66E-03	5.00E-03	2.46E-08	2.12E-06	5.93E-08	9.10E-07	1.13E-06	6.26E-06	3.46E-06	4.94E-07	4.16E-04	7.48E-05	2.92E-05	2.46E-02	1.26E-04	2.03E-03	4.15E-05	3.13E-04
Offsite Minimum Acute Hazard-->	4.17E-05	6.40E-06	2.31E-04	7.15E-04	3.37E-09	3.03E-07	8.30E-09	1.25E-07	1.54E-07	8.68E-07	4.77E-07	6.06E-08	3.04E-05	5.81E-06	4.11E-06	1.93E-03	1.05E-05	2.15E-04	3.38E-06	3.34E-05



























**Table 2-2.2**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2020 Mitigated Construction,**  
**Construction TAC Concentrations**

	acetaldehyde (µg/m <sup>3</sup> )	acrolein (µg/m <sup>3</sup> )	benzene (µg/m <sup>3</sup> )	formaldehyde (µg/m <sup>3</sup> )	methyl alcohol (µg/m <sup>3</sup> )	methyl ethyl ketone (µg/m <sup>3</sup> )	styrene (µg/m <sup>3</sup> )	toluene (µg/m <sup>3</sup> )	xylene, total (µg/m <sup>3</sup> )	1,3-Butadiene (µg/m <sup>3</sup> )	ethyl benzene (µg/m <sup>3</sup> )	ammonium (µg/m <sup>3</sup> )	arsenic (µg/m <sup>3</sup> )	chlorine (µg/m <sup>3</sup> )	copper (µg/m <sup>3</sup> )	manganese (µg/m <sup>3</sup> )	mercury (µg/m <sup>3</sup> )	nickel (µg/m <sup>3</sup> )	vanadium (µg/m <sup>3</sup> )	sulfates (µg/m <sup>3</sup> )	
<b>Commercial - Onsite</b>																					
<b>Max Location</b>																					
Maximum Onsite Concentration-->	1.84E+00	3.58E-03	6.16E-01	3.71E+00	1.07E-02	3.69E-01	1.82E-02	5.25E-01	3.94E-01	6.23E-02	1.06E-01	1.20E-02	3.40E-04	7.55E-02	4.35E-02	2.03E-02	3.29E-04	3.47E-03	6.46E-03	3.18E-01	
Average Onsite Concentration-->	1.02E+00	1.96E-03	3.45E-01	2.05E+00	5.92E-03	2.05E-01	1.01E-02	2.90E-01	2.17E-01	3.44E-02	5.87E-02	6.52E-03	2.14E-04	4.61E-02	2.35E-02	1.24E-02	2.02E-04	1.96E-03	3.90E-03	1.77E-01	
Minimum Onsite Concentration-->	1.99E-01	3.37E-04	7.47E-02	4.00E-01	1.11E-03	3.99E-02	1.92E-03	5.45E-02	4.07E-02	6.52E-03	1.11E-02	1.03E-03	8.82E-05	1.67E-02	3.57E-03	4.54E-03	7.48E-05	4.55E-04	1.35E-03	3.69E-02	
<b>Commercial - Offsite</b>																					
<b>Max Location</b>																					
Maximum Offsite Concentration-->	7.27E-01	1.44E-03	2.57E-01	1.47E+00	4.26E-03	1.46E-01	7.22E-03	2.09E-01	1.57E-01	2.47E-02	4.22E-02	2.58E-02	2.90E-03	5.29E-01	4.48E-02	1.42E-01	2.45E-03	1.08E-02	4.12E-02	8.98E-01	
Average Offsite Concentration-->	1.74E-01	3.01E-04	6.46E-02	3.50E-01	9.81E-04	3.49E-02	1.69E-03	4.80E-02	3.59E-02	5.74E-03	9.74E-03	4.81E-03	5.59E-04	1.02E-01	9.55E-03	2.74E-02	4.70E-04	2.14E-03	7.98E-03	1.76E-01	
Minimum Offsite Concentration-->	1.48E-02	2.49E-05	5.58E-03	2.98E-02	8.29E-05	2.98E-03	1.43E-04	4.05E-03	3.03E-03	4.86E-04	8.24E-04	1.89E-04	2.29E-05	4.15E-03	3.78E-04	1.12E-03	1.92E-05	8.66E-05	3.26E-04	6.97E-03	
<b>Residential</b>																					
<b>Max Location</b>																					
Maximum Offsite Concentration-->	5.11E-01	9.53E-04	1.77E-01	1.03E+00	2.94E-03	1.03E-01	5.02E-03	1.44E-01	1.08E-01	1.71E-02	2.92E-02	1.83E-02	2.12E-03	3.86E-01	3.48E-02	1.04E-01	1.78E-03	8.02E-03	3.01E-02	6.60E-01	
Average Offsite Concentration-->	7.99E-02	1.37E-04	2.92E-02	1.61E-01	4.49E-04	1.61E-02	7.74E-04	2.20E-02	1.64E-02	2.63E-03	4.46E-03	1.75E-03	2.04E-04	3.72E-02	3.48E-03	9.99E-03	1.71E-04	7.79E-04	2.91E-03	6.37E-02	
Minimum Offsite Concentration-->	9.67E-03	1.58E-05	3.54E-03	1.95E-02	5.37E-05	1.94E-03	9.31E-05	2.63E-03	1.96E-03	3.15E-04	5.35E-04	1.07E-04	1.26E-05	2.29E-03	2.23E-04	6.19E-04	1.06E-05	4.85E-05	1.80E-04	3.87E-03	
<b>CalEPA Acute REL</b>	<b>470</b>	<b>2.5</b>	<b>27</b>	<b>55</b>	<b>28000</b>	<b>13000</b>	<b>21000</b>	<b>37000</b>	<b>22000</b>	<b>660</b>	<b>2000</b>	<b>3200</b>	<b>0.2</b>	<b>210</b>	<b>100</b>	<b>0.17</b>	<b>0.6</b>	<b>0.2</b>	<b>30</b>	<b>120</b>	
<b>Commercial - Onsite</b>																					
Onsite Maximum Acute Hazard-->	3.91E-03	1.43E-03	2.28E-02	6.74E-02	3.83E-07	2.84E-05	8.67E-07	1.42E-05	1.79E-05	9.44E-05	5.31E-05	3.76E-06	1.70E-03	3.59E-04	4.35E-04	1.19E-01	5.49E-04	1.73E-02	2.15E-04	2.65E-03	
Onsite Average Acute Hazard-->	2.17E-03	7.84E-04	1.28E-02	3.73E-02	2.12E-07	1.57E-05	4.79E-07	7.83E-06	9.88E-06	5.22E-05	2.93E-05	2.04E-06	1.07E-03	2.19E-04	2.35E-04	7.30E-02	3.37E-04	9.81E-03	1.30E-04	1.48E-03	
Onsite Minimum Acute Hazard-->	4.23E-04	1.35E-04	2.77E-03	7.27E-03	3.98E-08	3.07E-06	9.15E-08	1.47E-06	1.85E-06	9.88E-06	5.53E-06	3.21E-07	4.41E-04	7.94E-05	3.57E-05	2.67E-02	1.25E-04	2.27E-03	4.50E-05	3.07E-04	
<b>Commercial - Offsite</b>																					
Offsite Maximum Acute Hazard-->	1.55E-03	5.77E-04	9.51E-03	2.66E-02	1.52E-07	1.12E-05	3.44E-07	5.64E-06	7.12E-06	3.75E-05	2.11E-05	8.07E-06	1.45E-02	2.52E-03	4.48E-04	8.34E-01	4.09E-03	5.40E-02	1.37E-03	7.48E-03	
Offsite Average Acute Hazard-->	3.70E-04	1.20E-04	2.39E-03	6.37E-03	3.50E-08	2.69E-06	8.04E-08	1.30E-06	1.63E-06	8.69E-06	4.87E-06	1.50E-06	2.79E-03	4.86E-04	9.55E-05	1.61E-01	7.83E-04	1.07E-02	2.66E-04	1.46E-03	
Offsite Minimum Acute Hazard-->	3.15E-05	9.95E-06	2.07E-04	5.43E-04	2.96E-09	2.29E-07	6.82E-09	1.10E-07	1.38E-07	7.36E-07	4.12E-07	5.89E-08	1.14E-04	1.98E-05	3.78E-06	6.59E-03	3.20E-05	4.33E-04	1.09E-05	5.81E-05	
<b>Residential</b>																					
Offsite Maximum Acute Hazard-->	1.09E-03	3.81E-04	6.57E-03	1.87E-02	1.05E-07	7.89E-06	2.39E-07	3.89E-06	4.91E-06	2.60E-05	1.46E-05	5.71E-06	1.06E-02	1.84E-03	3.48E-04	6.09E-01	2.97E-03	4.01E-02	1.00E-03	5.50E-03	
Offsite Average Acute Hazard-->	1.70E-04	5.46E-05	1.08E-03	2.93E-03	1.60E-08	1.23E-06	3.69E-08	5.94E-07	7.47E-07	3.98E-06	2.23E-06	5.46E-07	1.02E-03	1.77E-04	3.48E-05	5.88E-02	2.85E-04	3.90E-03	9.70E-05	5.30E-04	
Offsite Minimum Acute Hazard-->	2.06E-05	6.34E-06	1.31E-04	3.54E-04	1.92E-09	1.50E-07	4.43E-09	7.11E-08	8.92E-08	4.78E-07	2.67E-07	3.35E-08	6.30E-05	1.09E-05	2.23E-06	3.64E-03	1.76E-05	2.43E-04	6.01E-06	3.22E-05	



























## Operation

2-3 2024 With Project vs. 2024 Without Project

**Table 2-3.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2024 With Project v. 2024 Without Project**  
**Operation TAC Concentrations**

Receptor Location	acetaldehyde (ug/m <sup>3</sup> )	acrolein (ug/m <sup>3</sup> )	benzene (ug/m <sup>3</sup> )	formaldehyde (ug/m <sup>3</sup> )	methyl alcohol (ug/m <sup>3</sup> )	methyl ethyl ketone (ug/m <sup>3</sup> )	styrene (ug/m <sup>3</sup> )	toluene (ug/m <sup>3</sup> )	xylene, total (ug/m <sup>3</sup> )	1,3-Butadiene (ug/m <sup>3</sup> )	ethyl benzene (ug/m <sup>3</sup> )	ammonium (ug/m <sup>3</sup> )	arsenic (ug/m <sup>3</sup> )	chlorine (ug/m <sup>3</sup> )	copper (ug/m <sup>3</sup> )	manganese (ug/m <sup>3</sup> )	mercury (ug/m <sup>3</sup> )	nickel (ug/m <sup>3</sup> )	vanadium (ug/m <sup>3</sup> )	sulfates (ug/m <sup>3</sup> )
Commercial - Onsite <b>Max Location</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>690</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>
Maximum Onsite Concentration-->	6.43E-03	9.25E-04	1.88E-02	2.01E-02	8.59E-04	1.06E-03	8.77E-04	4.18E-02	3.48E-02	3.98E-03	7.67E-03	5.90E-03	3.50E-05	1.03E-02	1.05E-02	3.17E-03	1.83E-05	6.58E-04	7.22E-04	7.68E-02
Average Onsite Concentration-->	4.66E-03	6.37E-04	1.30E-02	1.43E-02	5.93E-04	7.75E-04	6.06E-04	2.89E-02	2.41E-02	2.75E-03	5.30E-03	4.07E-03	2.42E-05	7.12E-03	7.24E-03	2.19E-03	1.26E-05	4.54E-04	4.98E-04	5.29E-02
Minimum Onsite Concentration-->	1.34E-03	1.57E-04	3.25E-03	3.91E-03	1.47E-04	2.29E-04	1.51E-04	7.15E-03	5.95E-03	6.82E-04	1.31E-03	9.91E-04	5.88E-06	1.74E-03	1.76E-03	5.32E-04	3.07E-06	1.11E-04	1.21E-04	1.29E-02
Commercial - Offsite <b>Max Location</b>	<b>101</b>	<b>133</b>	<b>133</b>	<b>101</b>	<b>133</b>	<b>101</b>	<b>133</b>	<b>133</b>	<b>133</b>	<b>133</b>	<b>133</b>	<b>131</b>	<b>131</b>	<b>133</b>	<b>131</b>	<b>131</b>	<b>131</b>	<b>131</b>	<b>131</b>	<b>133</b>
Maximum Offsite Concentration-->	8.92E-03	1.27E-03	2.48E-02	2.32E-02	1.16E-03	1.62E-03	1.18E-03	5.67E-02	4.73E-02	5.37E-03	1.04E-02	7.67E-03	4.55E-05	1.33E-02	1.36E-02	4.11E-03	2.37E-05	8.42E-04	9.38E-04	9.67E-02
Average Offsite Concentration-->	1.50E-03	1.47E-04	3.11E-03	4.15E-03	1.38E-04	2.65E-04	1.43E-04	6.72E-03	5.59E-03	6.43E-04	1.24E-03	8.52E-04	5.05E-06	1.57E-03	1.51E-03	4.58E-04	2.64E-06	9.54E-05	1.04E-04	1.16E-02
Minimum Offsite Concentration-->	2.64E-04	2.92E-05	6.10E-04	7.57E-04	2.74E-05	4.57E-05	2.82E-05	1.33E-03	1.11E-03	1.27E-04	2.45E-04	1.74E-04	1.03E-06	3.23E-04	3.09E-04	9.35E-05	5.39E-07	1.95E-05	2.13E-05	2.38E-03
Residential <b>Max Location</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>89</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>
Maximum Offsite Concentration-->	9.86E-03	2.34E-03	4.58E-02	3.81E-02	2.15E-03	1.74E-03	2.17E-03	1.05E-01	8.74E-02	9.93E-03	1.92E-02	1.43E-02	8.47E-05	2.60E-02	2.54E-02	7.68E-03	4.41E-05	1.60E-03	1.75E-03	1.92E-01
Average Offsite Concentration-->	1.39E-03	1.39E-04	2.93E-03	3.86E-03	1.30E-04	2.43E-04	1.35E-04	6.35E-03	5.28E-03	6.08E-04	1.17E-03	7.93E-04	4.71E-06	1.48E-03	1.41E-03	4.26E-04	2.46E-06	8.90E-05	9.69E-05	1.09E-02
Minimum Offsite Concentration-->	2.82E-04	2.74E-05	5.87E-04	8.26E-04	2.59E-05	4.62E-05	2.69E-05	1.26E-03	1.05E-03	1.21E-04	2.32E-04	1.65E-04	9.81E-07	2.96E-04	2.94E-04	8.88E-05	5.12E-07	1.85E-05	2.02E-05	2.19E-03
CalEPA Acute REL	470	2.5	27	55	28000	13000	21000	37000	22000	660	2000	3200	0.2	210	100	0.17	0.6	0.2	30	120
Commercial - Onsite																				
Onsite Maximum Acute Hazard-->	1.37E-05	3.70E-04	6.95E-04	3.66E-04	3.07E-08	8.16E-08	4.17E-08	1.13E-06	1.58E-06	6.03E-06	3.83E-06	1.84E-06	1.75E-04	4.93E-05	1.05E-04	1.87E-02	3.04E-05	3.29E-03	2.41E-05	6.40E-04
Onsite Average Acute Hazard-->	9.92E-06	2.55E-04	4.82E-04	2.60E-04	2.12E-08	5.96E-08	2.89E-08	7.80E-07	1.09E-06	4.17E-06	2.65E-06	1.27E-06	1.21E-04	3.39E-05	7.24E-05	1.29E-02	2.10E-05	2.27E-03	1.66E-05	4.41E-04
Onsite Minimum Acute Hazard-->	2.85E-06	6.28E-05	1.20E-04	7.10E-05	5.24E-09	1.76E-08	7.18E-09	1.93E-07	2.70E-07	1.03E-06	6.56E-07	3.10E-07	2.94E-05	8.28E-06	1.76E-05	3.13E-03	5.11E-06	5.53E-04	4.04E-06	1.08E-04
Commercial - Offsite																				
Offsite Maximum Acute Hazard-->	1.90E-05	5.07E-04	9.20E-04	4.22E-04	4.16E-08	1.25E-07	5.60E-08	1.53E-06	2.15E-06	8.14E-06	5.19E-06	2.40E-06	2.28E-04	6.32E-05	1.36E-04	2.42E-02	3.95E-05	4.21E-03	3.13E-05	8.06E-04
Offsite Average Acute Hazard-->	3.20E-06	5.86E-05	1.15E-04	7.55E-05	4.93E-09	2.04E-08	6.80E-09	1.82E-07	2.54E-07	9.75E-07	6.18E-07	2.66E-07	2.53E-05	7.46E-06	1.51E-05	2.69E-03	4.40E-06	4.77E-04	3.47E-06	9.64E-05
Offsite Minimum Acute Hazard-->	5.62E-07	1.17E-05	2.26E-05	1.38E-05	9.78E-10	3.51E-09	1.34E-09	3.60E-08	5.04E-08	1.93E-07	1.22E-07	5.44E-08	5.16E-06	1.54E-06	3.09E-06	5.50E-04	8.99E-07	9.76E-05	7.08E-07	1.99E-05
Residential																				
Offsite Maximum Acute Hazard-->	2.10E-05	9.38E-04	1.70E-03	6.92E-04	7.68E-08	1.34E-07	1.03E-07	2.83E-06	3.97E-06	1.50E-05	9.59E-06	4.46E-06	4.24E-04	1.24E-04	2.54E-04	4.52E-02	7.35E-05	8.00E-03	5.82E-05	1.60E-03
Offsite Average Acute Hazard-->	2.95E-06	5.54E-05	1.08E-04	7.01E-05	4.66E-09	1.87E-08	6.42E-09	1.72E-07	2.40E-07	9.21E-07	5.84E-07	2.48E-07	2.35E-05	7.03E-06	1.41E-05	2.51E-03	4.09E-06	4.45E-04	3.23E-06	9.06E-05
Offsite Minimum Acute Hazard-->	5.99E-07	1.10E-05	2.18E-05	1.50E-05	9.25E-10	3.55E-09	1.28E-09	3.41E-08	4.77E-08	1.83E-07	1.16E-07	5.17E-08	4.90E-06	1.41E-06	2.94E-06	5.22E-04	8.54E-07	9.23E-05	6.73E-07	1.83E-05

























Table 2-3.1

Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2024 With Project v. 2024 Without Project  
Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(ug/m <sup>3</sup> )																			
841	370945	3757299	Commercial	5.62E-03	7.64E-04	1.56E-02	1.72E-02	7.10E-04	9.34E-04	7.26E-04	3.46E-02	2.88E-02	3.30E-03	6.35E-03	4.88E-03	2.89E-05	8.52E-03	8.67E-03	2.62E-03	1.51E-05	5.43E-04	5.96E-04	6.33E-02
842	371166	3758548	Residential/Commercial	5.50E-03	2.46E-04	6.02E-03	1.29E-02	2.44E-04	1.04E-03	2.64E-04	1.19E-02	9.81E-03	1.16E-03	2.20E-03	1.39E-03	8.23E-06	2.49E-03	2.46E-03	7.45E-04	4.32E-06	1.55E-04	1.69E-04	1.85E-02
843	371577	3757024	Commercial	5.69E-03	8.11E-04	1.65E-02	1.77E-02	7.53E-04	9.36E-04	7.69E-04	3.67E-02	3.06E-02	3.49E-03	6.73E-03	5.56E-03	3.30E-05	9.32E-03	9.89E-03	2.98E-03	1.72E-05	6.17E-04	6.80E-04	6.96E-02
844	374697	3760306	Commercial	2.25E-03	2.32E-04	4.87E-03	6.30E-03	2.18E-04	3.93E-04	2.25E-04	1.06E-02	8.82E-03	1.01E-03	1.95E-03	1.23E-03	7.27E-06	2.40E-03	2.18E-03	6.60E-04	3.80E-06	1.39E-04	1.50E-04	1.76E-02
845	375433	3757542	Residential/Commercial	2.58E-03	2.65E-04	5.57E-03	7.24E-03	2.49E-04	4.52E-04	2.57E-04	1.21E-02	1.01E-02	1.16E-03	2.23E-03	1.52E-03	9.04E-06	2.83E-03	2.71E-03	8.19E-04	4.72E-06	1.71E-04	1.86E-04	2.08E-02
846	370838	3757308	Commercial	4.76E-03	5.69E-04	1.18E-02	1.40E-02	5.32E-04	8.12E-04	5.46E-04	2.59E-02	2.16E-02	2.47E-03	4.75E-03	4.73E-03	2.81E-05	6.99E-03	8.40E-03	2.53E-03	1.46E-05	5.18E-04	5.78E-04	5.32E-02
847	371092	3754275	Commercial	2.94E-03	1.23E-04	3.06E-03	6.84E-03	1.22E-04	5.61E-04	1.33E-04	5.96E-03	4.92E-03	5.82E-04	1.10E-03	7.78E-04	4.60E-06	1.30E-03	1.38E-03	4.16E-04	2.43E-06	8.60E-05	9.47E-05	9.71E-03
848	371032	3758058	Residential/Commercial	3.37E-03	2.18E-04	4.93E-03	8.46E-03	2.10E-04	6.23E-04	2.22E-04	1.02E-02	8.48E-03	9.86E-04	1.89E-03	1.25E-03	7.41E-06	2.28E-03	6.71E-04	3.88E-06	1.40E-04	1.52E-04	1.68E-02	
849	368983	3754582	Commercial	1.09E-03	9.21E-05	1.99E-03	2.91E-03	8.74E-05	1.97E-04	9.10E-05	4.26E-03	3.54E-03	4.08E-04	7.83E-04	5.30E-04	3.14E-06	9.76E-04	9.42E-04	2.85E-04	1.64E-06	5.94E-05	6.48E-05	7.20E-03
850	369533	3755392	Commercial	3.18E-03	1.60E-04	3.80E-03	7.61E-03	1.57E-04	6.00E-04	1.68E-04	7.63E-03	6.31E-03	7.41E-04	1.41E-03	1.03E-03	6.13E-06	1.72E-03	1.83E-03	5.53E-04	3.22E-06	1.14E-04	1.26E-04	1.29E-02
851	369216	3758422	Commercial	2.78E-03	2.06E-04	4.56E-03	7.18E-03	1.97E-04	5.07E-04	2.07E-04	9.60E-03	7.97E-03	9.23E-04	1.77E-03	1.71E-03	1.02E-05	2.52E-03	3.04E-03	9.17E-04	5.31E-06	1.88E-04	2.09E-04	1.92E-02
852	371022	3757821	Commercial	3.06E-03	2.67E-04	5.64E-03	8.16E-03	2.47E-04	5.48E-04	2.58E-04	1.21E-02	1.00E-02	1.16E-03	2.22E-03	1.70E-03	1.01E-05	2.89E-03	3.01E-03	9.10E-04	6.25E-06	1.88E-04	2.07E-04	2.16E-02
853	369830	3755395	Commercial	3.27E-03	1.55E-04	3.74E-03	7.74E-03	1.53E-04	6.18E-04	1.65E-04	7.44E-03	6.15E-03	7.23E-04	1.38E-03	8.55E-04	5.06E-06	1.57E-03	1.52E-03	4.58E-04	2.66E-06	9.56E-05	1.04E-04	1.16E-02
854	368495	3756671	Onsite Commercial	1.34E-03	1.57E-04	3.25E-03	3.91E-03	1.47E-04	2.29E-04	1.51E-04	7.15E-03	5.95E-03	6.82E-04	1.31E-03	9.91E-04	5.88E-06	1.74E-03	1.76E-03	5.32E-04	3.07E-06	1.11E-04	1.21E-04	1.29E-02
855	370395	3756846	Onsite Commercial	2.80E-03	3.85E-04	7.84E-03	8.61E-03	3.58E-04	4.65E-04	3.66E-04	1.74E-02	1.45E-02	1.66E-03	3.19E-03	2.45E-03	1.45E-05	4.30E-03	4.35E-03	1.32E-03	7.57E-06	2.73E-04	2.99E-04	3.19E-02
856	369787	3758306	Fenceline	3.57E-03	1.78E-04	4.24E-03	8.53E-03	1.74E-04	6.73E-04	1.87E-04	8.50E-03	7.03E-03	8.25E-04	1.57E-03	9.52E-04	5.63E-06	1.78E-03	1.69E-03	5.10E-04	2.98E-06	1.07E-04	1.16E-04	1.31E-02
857	369786	3758306	Fenceline	3.57E-03	1.78E-04	4.25E-03	8.54E-03	1.75E-04	6.73E-04	1.88E-04	8.51E-03	7.04E-03	8.26E-04	1.57E-03	9.53E-04	5.64E-06	1.79E-03	1.69E-03	5.11E-04	2.97E-06	1.07E-04	1.16E-04	1.32E-02
858	369785	3758306	Fenceline	3.57E-03	1.78E-04	4.25E-03	8.54E-03	1.75E-04	6.74E-04	1.88E-04	8.52E-03	7.05E-03	8.27E-04	1.58E-03	9.55E-04	5.65E-06	1.79E-03	1.69E-03	5.12E-04	2.97E-06	1.07E-04	1.16E-04	1.32E-02
859	369784	3758306	Fenceline	3.59E-03	1.78E-04	4.26E-03	8.57E-03	1.75E-04	6.76E-04	1.88E-04	8.54E-03	7.06E-03	8.29E-04	1.58E-03	9.56E-04	5.66E-06	1.79E-03	1.70E-03	5.13E-04	2.98E-06	1.07E-04	1.16E-04	1.32E-02
860	369783	3758307	Fenceline	3.59E-03	1.79E-04	4.26E-03	8.58E-03	1.75E-04	6.77E-04	1.89E-04	8.55E-03	7.07E-03	8.30E-04	1.58E-03	9.57E-04	5.67E-06	1.79E-03	1.70E-03	5.13E-04	2.98E-06	1.07E-04	1.16E-04	1.32E-02
861	369782	3758308	Fenceline	3.60E-03	1.79E-04	4.27E-03	8.60E-03	1.76E-04	6.78E-04	1.89E-04	8.56E-03	7.08E-03	8.31E-04	1.58E-03	9.59E-04	5.68E-06	1.80E-03	1.70E-03	5.14E-04	2.99E-06	1.07E-04	1.17E-04	1.32E-02
862	369780	3758309	Fenceline	3.60E-03	1.79E-04	4.28E-03	8.61E-03	1.76E-04	6.79E-04	1.89E-04	8.58E-03	7.09E-03	8.33E-04	1.59E-03	9.61E-04	5.69E-06	1.80E-03	1.70E-03	5.16E-04	2.99E-06	1.08E-04	1.17E-04	1.32E-02
863	369778	3758310	Fenceline	3.60E-03	1.80E-04	4.29E-03	8.62E-03	1.77E-04	6.80E-04	1.90E-04	8.59E-03	7.10E-03	8.34E-04	1.59E-03	9.63E-04	5.70E-06	1.81E-03	1.71E-03	5.17E-04	3.00E-06	1.08E-04	1.17E-04	1.33E-02
864	369777	3758310	Fenceline	3.61E-03	1.80E-04	4.30E-03	8.63E-03	1.77E-04	6.80E-04	1.90E-04	8.61E-03	7.12E-03	8.36E-04	1.59E-03	9.66E-04	5.72E-06	1.81E-03	1.71E-03	5.18E-04	3.01E-06	1.08E-04	1.18E-04	1.33E-02
865	369775	3758310	Fenceline	3.63E-03	1.80E-04	4.31E-03	8.67E-03	1.77E-04	6.84E-04	1.90E-04	8.64E-03	7.14E-03	8.38E-04	1.60E-03	9.68E-04	5.73E-06	1.81E-03	1.72E-03	5.19E-04	3.02E-06	1.08E-04	1.18E-04	1.34E-02
866	369773	3758310	Fenceline	3.63E-03	1.81E-04	4.32E-03	8.68E-03	1.78E-04	6.85E-04	1.91E-04	8.66E-03	7.16E-03	8.40E-04	1.60E-03	9.71E-04	5.75E-06	1.82E-03	1.72E-03	5.21E-04	3.02E-06	1.09E-04	1.18E-04	1.34E-02
867	369771	3758310	Fenceline	3.63E-03	1.81E-04	4.33E-03	8.69E-03	1.78E-04	6.85E-04	1.91E-04	8.68E-03	7.17E-03	8.42E-04	1.60E-03	9.73E-04	5.76E-06	1.82E-03	1.73E-03	5.22E-04	3.03E-06	1.09E-04	1.19E-04	1.34E-02
868	369770	3758309	Fenceline	3.64E-03	1.82E-04	4.33E-03	8.70E-03	1.78E-04	6.86E-04	1.92E-04	8.69E-03	7.19E-03	8.44E-04	1.61E-03	9.76E-04	5.78E-06	1.83E-03	1.73E-03	5.23E-04	3.04E-06	1.09E-04	1.19E-04	1.35E-02
869	369768	3758309	Fenceline	3.64E-03	1.82E-04	4.34E-03	8.71E-03	1.79E-04	6.86E-04	1.92E-04	8.72E-03	7.20E-03	8.46E-04	1.61E-03	9.78E-04	5.79E-06	1.83E-03	1.73E-03	5.25E-04	3.05E-06	1.10E-04	1.19E-04	1.35E-02
870	369766	3758308	Fenceline	3.65E-03	1.83E-04	4.36E-03	8.73E-03	1.79E-04	6.87E-04	1.93E-04	8.74E-03	7.22E-03	8.48E-04	1.62E-03	9.81E-04	5.81E-06	1.84E-03	1.74E-03	5.26E-04	3.06E-06	1.10E-04	1.20E-04	1.35E-02
871	369765	3758307	Fenceline	3.65E-03	1.83E-04	4.37E-03	8.75E-03	1.80E-04	6.89E-04	1.93E-04	8.76E-03	7.24E-03	8.50E-04	1.62E-03	9.84E-04	5.83E-06	1.84E-03	1.74E-03	5.28E-04	3.06E-06	1.10E-04	1.20E-04	1.36E-02
872	369764	3758305	Fenceline	3.66E-03	1.84E-04	4.38E-03	8.75E-03	1.80E-04	6.89E-04	1.94E-04	8.78E-03	7.26E-03	8.52E-04	1.62E-03	9.86E-04	5.84E-06	1.85E-03	1.75E-03	5.29E-04	3.07E-06	1.11E-04	1.20E-04	1.36E-02
873	369763	3758304	Fenceline	3.66E-03	1.84E-04	4.38E-03	8.76E-03	1.81E-04	6.89E-04	1.94E-04	8.80E-03	7.28E-03	8.54E-04	1.63E-03	9.89E-04	5.85E-06	1.85E-03	1.75E-03	5.30E-04	3.08E-06	1.11E-04	1.20E-04	1.36E-02
874	369762	3758302	Fenceline	3.66E-03	1.85E-04	4.39E-03	8.77E-03	1.81E-04	6.90E-04	1.94E-04	8.82E-03	7.29E-03	8.56E-04	1.63E-03	9.91E-04	5.87E-06	1.86E-03	1.76E-03	5.32E-04	3.09E-06	1.11E-04	1.21E-04	1.37E-02
875	369761	3758301	Fenceline	3.66E-03	1.85E-04	4.40E-03	8.78E-03	1.82E-04	6.90E-04	1.95E-04	8.85E-03	7.31E-03	8.58E-04	1.64E-03	9.94E-04	5.89E-06	1.86E-03	1.76E-03	5.33E-04	3.10E-06	1.11E-04	1.21E-04	1.37E-02
876	369761	3758299	Fenceline	3.68E-03	1.86E-04	4.42E-03	8.81E-03	1.82E-04	6.92E-04	1.96E-04	8.88E-03	7.34E-03	8.61E-04	1.64E-03	9.98E-04	5.91E-06	1.87E-03	1.77E-03	5.35E-04	3.11E-06	1.12E-04	1.22E-04	1.38E-02
877	369761	3758297	Fenceline	3.69E-03	1.86E-04	4.43E-03	8.83E-03	1.83E-04	6.94E-04	1.96E-04	8.90E-03	7.36E-03	8.64E-04	1.65E-03	1.00E-03	5.92E-06	1.88E-03	1.77E-03	5.37E-04	3.12E-06	1.12E-04	1.22E-04	1.38E-02
878	369761	3758295	Fenceline	3.69E-03	1.87E-04	4.44E-03	8.85E-03	1.83E-04	6.95E-04	1.97E-04	8.93E-03	7.38E-03	8.66E-04	1.65E-03	1.00E-03	5.94E-06	1.88E-03	1.78E-03	5.38E-04	3.13E-06	1.12E-04	1.22E-04	1.39E-02
879	369761	3758294	Fenceline	3.69E-03	1.87E-04	4.45E-03	8.86E-03	1.84E-04	6.96E-04	1.97E-04	8.95E-03	7.											

**Table 2-3.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2024 With Project v. 2024 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(ug/m <sup>3</sup> )																			
911	370383	3758218	Fenceline	2.90E-03	1.79E-04	4.09E-03	7.20E-03	1.73E-04	5.37E-04	1.84E-04	8.44E-03	7.00E-03	8.15E-04	1.56E-03	9.85E-04	5.84E-06	1.84E-03	1.75E-03	5.29E-04	3.06E-06	1.10E-04	1.20E-04	1.36E-02
912	370404	3758226	Fenceline	2.79E-03	1.75E-04	3.98E-03	6.96E-03	1.69E-04	5.18E-04	1.79E-04	8.23E-03	6.82E-03	7.95E-04	1.52E-03	9.55E-04	5.66E-06	1.79E-03	1.70E-03	5.13E-04	2.97E-06	1.07E-04	1.17E-04	1.32E-02
913	370422	3758228	Fenceline	2.73E-03	1.73E-04	3.92E-03	6.82E-03	1.66E-04	5.06E-04	1.76E-04	8.11E-03	6.72E-03	7.82E-04	1.50E-03	9.45E-04	5.60E-06	1.77E-03	1.68E-03	5.08E-04	2.94E-06	1.06E-04	1.15E-04	1.30E-02
914	370443	3758228	Fenceline	2.68E-03	1.70E-04	3.86E-03	6.69E-03	1.64E-04	4.96E-04	1.74E-04	7.99E-03	6.63E-03	7.71E-04	1.47E-03	9.59E-04	5.69E-06	1.76E-03	1.70E-03	5.15E-04	2.98E-06	1.07E-04	1.17E-04	1.30E-02
915	370418	3758280	Fenceline	2.55E-03	1.63E-04	3.69E-03	6.37E-03	1.57E-04	4.71E-04	1.66E-04	7.65E-03	6.34E-03	7.37E-04	1.41E-03	9.31E-04	5.52E-06	1.70E-03	1.65E-03	5.00E-04	2.98E-06	1.04E-04	1.14E-04	1.26E-02
916	370423	3758284	Residential	2.55E-03	1.63E-04	3.69E-03	6.37E-03	1.57E-04	4.71E-04	1.66E-04	7.65E-03	6.34E-03	7.37E-04	1.41E-03	9.31E-04	5.52E-06	1.70E-03	1.65E-03	5.00E-04	2.89E-06	1.04E-04	1.14E-04	1.25E-02
917	370722	3758280	Residential	2.54E-03	1.68E-04	3.78E-03	6.39E-03	1.61E-04	4.68E-04	1.70E-04	7.66E-03	6.52E-03	7.58E-04	1.45E-03	9.99E-04	5.92E-06	1.78E-03	1.77E-03	5.36E-04	3.10E-06	1.11E-04	1.22E-04	1.32E-02
918	370800	3758281	Residential	2.81E-03	1.78E-04	4.05E-03	7.01E-03	1.72E-04	5.19E-04	1.82E-04	8.38E-03	6.95E-03	8.08E-04	1.55E-03	1.12E-03	6.61E-06	1.92E-03	1.98E-03	5.98E-04	3.46E-06	1.24E-04	1.36E-04	1.43E-02
919	370796	3758020	Fenceline	3.26E-03	1.98E-04	4.52E-03	8.06E-03	1.93E-04	6.05E-04	2.03E-04	9.32E-03	7.72E-03	9.00E-04	1.72E-03	1.14E-03	6.74E-06	2.06E-03	2.02E-03	6.10E-04	3.53E-06	1.27E-04	1.39E-04	1.52E-02
920	370795	3758014	Fenceline	3.28E-03	2.00E-04	4.57E-03	8.13E-03	1.93E-04	6.10E-04	2.05E-04	9.41E-03	7.80E-03	9.09E-04	1.74E-03	1.15E-03	6.83E-06	2.08E-03	2.04E-03	6.18E-04	3.58E-06	1.29E-04	1.41E-04	1.54E-02
921	370794	3758008	Fenceline	3.31E-03	2.02E-04	4.61E-03	8.20E-03	1.95E-04	6.14E-04	2.07E-04	9.50E-03	7.87E-03	9.18E-04	1.75E-03	1.17E-03	6.92E-06	2.11E-03	2.07E-03	6.26E-04	3.62E-06	1.30E-04	1.42E-04	1.56E-02
922	370793	3758002	Fenceline	3.33E-03	2.02E-04	4.65E-03	8.25E-03	1.97E-04	6.18E-04	2.09E-04	9.59E-03	7.94E-03	9.26E-04	1.77E-03	1.18E-03	7.00E-06	2.13E-03	2.10E-03	6.34E-04	3.67E-06	1.32E-04	1.44E-04	1.58E-02
923	370793	3757995	Fenceline	3.35E-03	2.05E-04	4.69E-03	8.30E-03	1.98E-04	6.21E-04	2.10E-04	9.66E-03	8.00E-03	9.33E-04	1.78E-03	1.19E-03	7.08E-06	2.15E-03	2.12E-03	6.41E-04	3.71E-06	1.33E-04	1.46E-04	1.59E-02
924	370793	3757989	Fenceline	3.09E-03	2.05E-04	4.61E-03	7.78E-03	1.97E-04	5.69E-04	2.08E-04	9.60E-03	7.96E-03	9.25E-04	1.77E-03	1.18E-03	6.98E-06	2.15E-03	2.09E-03	6.32E-04	3.66E-06	1.32E-04	1.44E-04	1.59E-02
925	370793	3757983	Fenceline	3.10E-03	2.07E-04	4.64E-03	7.81E-03	1.99E-04	5.70E-04	2.09E-04	9.67E-03	8.02E-03	9.32E-04	1.78E-03	1.19E-03	7.06E-06	2.17E-03	2.11E-03	6.39E-04	3.70E-06	1.33E-04	1.45E-04	1.60E-02
926	370793	3757977	Fenceline	3.11E-03	2.08E-04	4.68E-03	7.85E-03	2.00E-04	5.72E-04	2.11E-04	9.75E-03	8.08E-03	9.39E-04	1.80E-03	1.20E-03	7.14E-06	2.19E-03	2.14E-03	6.46E-04	3.74E-06	1.35E-04	1.47E-04	1.62E-02
927	370794	3757971	Fenceline	3.12E-03	2.10E-04	4.71E-03	7.89E-03	2.02E-04	5.74E-04	2.12E-04	9.82E-03	8.14E-03	9.46E-04	1.81E-03	1.22E-03	7.21E-06	2.20E-03	2.16E-03	6.53E-04	3.77E-06	1.36E-04	1.48E-04	1.63E-02
928	370795	3757965	Fenceline	3.13E-03	2.11E-04	4.74E-03	7.92E-03	2.03E-04	5.76E-04	2.14E-04	9.89E-03	8.20E-03	9.53E-04	1.82E-03	1.23E-03	7.28E-06	2.22E-03	2.18E-03	6.59E-04	3.81E-06	1.37E-04	1.50E-04	1.64E-02
929	370796	3757958	Fenceline	3.14E-03	2.12E-04	4.76E-03	7.94E-03	2.04E-04	5.78E-04	2.15E-04	9.92E-03	8.22E-03	9.56E-04	1.83E-03	1.24E-03	7.36E-06	2.24E-03	2.21E-03	6.67E-04	3.86E-06	1.39E-04	1.52E-04	1.66E-02
930	370797	3757952	Fenceline	3.15E-03	2.14E-04	4.79E-03	7.97E-03	2.05E-04	5.79E-04	2.16E-04	9.99E-03	8.29E-03	9.62E-04	1.84E-03	1.25E-03	7.43E-06	2.26E-03	2.23E-03	6.72E-04	3.89E-06	1.40E-04	1.53E-04	1.67E-02
931	370799	3757946	Fenceline	3.16E-03	2.15E-04	4.81E-03	8.00E-03	2.06E-04	5.80E-04	2.17E-04	1.01E-02	8.34E-03	9.68E-04	1.85E-03	1.26E-03	7.49E-06	2.27E-03	2.24E-03	6.78E-04	3.92E-06	1.41E-04	1.54E-04	1.68E-02
932	370800	3757994	Fenceline	2.78E-03	2.13E-04	4.68E-03	7.23E-03	2.03E-04	5.05E-04	2.13E-04	9.90E-03	8.22E-03	9.52E-04	1.82E-03	1.27E-03	7.54E-06	2.28E-03	2.26E-03	6.83E-04	3.94E-06	1.42E-04	1.55E-04	1.69E-02
933	370802	3757953	Fenceline	2.79E-03	2.15E-04	4.71E-03	7.26E-03	2.05E-04	5.06E-04	2.14E-04	9.97E-03	8.27E-03	9.58E-04	1.83E-03	1.28E-03	7.60E-06	2.30E-03	2.28E-03	6.88E-04	3.98E-06	1.43E-04	1.57E-04	1.70E-02
934	370804	3757929	Fenceline	2.80E-03	2.16E-04	4.74E-03	7.29E-03	2.06E-04	5.08E-04	2.15E-04	1.00E-02	8.33E-03	9.63E-04	1.85E-03	1.29E-03	7.66E-06	2.31E-03	2.29E-03	6.93E-04	4.01E-06	1.44E-04	1.58E-04	1.71E-02
935	370807	3757923	Fenceline	2.81E-03	2.17E-04	4.77E-03	7.32E-03	2.07E-04	5.10E-04	2.17E-04	1.01E-02	8.38E-03	9.70E-04	1.86E-03	1.30E-03	7.72E-06	2.33E-03	2.31E-03	6.99E-04	4.04E-06	1.45E-04	1.59E-04	1.72E-02
936	370809	3757918	Fenceline	2.82E-03	2.19E-04	4.79E-03	7.35E-03	2.08E-04	5.11E-04	2.18E-04	1.02E-02	8.43E-03	9.75E-04	1.87E-03	1.31E-03	7.78E-06	2.34E-03	2.33E-03	7.04E-04	4.07E-06	1.46E-04	1.60E-04	1.74E-02
937	370812	3757912	Fenceline	2.83E-03	2.20E-04	4.82E-03	7.38E-03	2.10E-04	5.13E-04	2.19E-04	1.02E-02	8.48E-03	9.81E-04	1.88E-03	1.32E-03	7.84E-06	2.36E-03	2.35E-03	7.09E-04	4.10E-06	1.48E-04	1.61E-04	1.75E-02
938	370815	3757907	Fenceline	2.84E-03	2.21E-04	4.85E-03	7.42E-03	2.11E-04	5.15E-04	2.21E-04	1.03E-02	8.53E-03	9.87E-04	1.89E-03	1.33E-03	7.90E-06	2.38E-03	2.37E-03	7.15E-04	4.13E-06	1.49E-04	1.63E-04	1.76E-02
939	370819	3757901	Fenceline	2.85E-03	2.23E-04	4.88E-03	7.45E-03	2.12E-04	5.17E-04	2.22E-04	1.03E-02	8.58E-03	9.93E-04	1.90E-03	1.34E-03	7.95E-06	2.39E-03	2.38E-03	7.20E-04	4.16E-06	1.50E-04	1.64E-04	1.77E-02
940	370822	3757896	Fenceline	2.86E-03	2.24E-04	4.90E-03	7.48E-03	2.13E-04	5.19E-04	2.23E-04	1.04E-02	8.63E-03	9.99E-04	1.91E-03	1.35E-03	8.01E-06	2.41E-03	2.40E-03	7.25E-04	4.19E-06	1.51E-04	1.65E-04	1.78E-02
941	370826	3757891	Fenceline	2.87E-03	2.25E-04	4.93E-03	7.51E-03	2.15E-04	5.21E-04	2.24E-04	1.05E-02	8.68E-03	1.00E-03	1.92E-03	1.36E-03	8.07E-06	2.42E-03	2.42E-03	7.30E-04	4.22E-06	1.52E-04	1.66E-04	1.80E-02
942	370829	3757886	Fenceline	2.88E-03	2.27E-04	4.96E-03	7.54E-03	2.16E-04	5.22E-04	2.26E-04	1.05E-02	8.73E-03	1.01E-03	1.93E-03	1.37E-03	8.12E-06	2.44E-03	2.43E-03	7.35E-04	4.24E-06	1.53E-04	1.67E-04	1.81E-02
943	370833	3757882	Fenceline	2.84E-03	2.27E-04	4.96E-03	7.47E-03	2.16E-04	5.14E-04	2.26E-04	1.05E-02	8.75E-03	1.01E-03	1.94E-03	1.38E-03	8.17E-06	2.45E-03	2.45E-03	7.39E-04	4.27E-06	1.54E-04	1.68E-04	1.82E-02
944	370838	3757877	Fenceline	2.74E-03	2.28E-04	4.93E-03	7.25E-03	2.16E-04	4.92E-04	2.25E-04	1.05E-02	8.74E-03	1.01E-03	1.94E-03	1.39E-03	8.22E-06	2.46E-03	2.46E-03	7.44E-04	4.30E-06	1.55E-04	1.69E-04	1.82E-02
945	370842	3757873	Fenceline	2.75E-03	2.29E-04	4.96E-03	7.28E-03	2.17E-04	4.94E-04	2.26E-04	1.06E-02	8.79E-03	1.02E-03	1.95E-03	1.40E-03	8.28E-06	2.47E-03	2.48E-03	7.49E-04	4.32E-06	1.56E-04	1.70E-04	1.83E-02
946	370846	3757869	Fenceline	2.76E-03	2.30E-04	4.99E-03	7.31E-03	2.18E-04	4.96E-04	2.28E-04	1.06E-02	8.84E-03	1.02E-03	1.96E-03	1.40E-03	8.33E-06	2.49E-03	2.50E-03	7.54E-04	4.35E-06	1.57E-04	1.72E-04	1.85E-02
947	370851	3757865	Fenceline	2.75E-03	2.31E-04	5.00E-03	7.31E-03	2.19E-04	4.94E-04	2.29E-04	1.07E-02	8.88E-03	1.03E-03	1.97E-03	1.41E-03	8.39E-06	2.50E-03	2.51E-03	7.59E-04	4.38E-06	1.58E-04	1.73E-04	1.86E-02
948	370966	3757853	Fenceline	2.92E-03	2.29E-04	5.01E-03	7.63E-03	2.18E-04	5.29E-04	2.28E-04	1.06E-02	8.82E-03	1.02E-03	1.96E-03	1.47E-03	8.72E-06	2.52E-03	2.61E-03	7.89E-04	4.56E-06	1.63E-04	1.80E-04	1.88E-02
949	370968	3757809	Fenceline	3.08E-03	2.42E-04	5.30E-03	8.06E-03	2.31E-04	5.58E-04	2.41E-04	1.12												

**Table 2-3.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2024 With Project v. 2024 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(ug/m <sup>3</sup> )																			
981	371917	3757455	Fenceline	6.70E-03	5.42E-04	1.18E-02	1.76E-02	5.15E-04	1.21E-03	5.38E-04	2.51E-02	2.08E-02	2.41E-03	4.62E-03	3.43E-03	2.03E-05	5.93E-03	6.09E-03	1.84E-03	1.06E-05	3.81E-04	4.18E-04	4.41E-02
982	371915	3757446	Fenceline	6.78E-03	5.64E-04	1.22E-02	1.80E-02	5.35E-04	1.22E-03	5.58E-04	2.61E-02	2.17E-02	2.50E-03	4.80E-03	3.59E-03	2.13E-05	6.20E-03	6.38E-03	1.93E-03	1.11E-05	3.99E-04	4.39E-04	4.61E-02
983	371910	3757436	Fenceline	6.99E-03	5.61E-04	1.22E-02	1.84E-02	5.33E-04	1.26E-03	5.57E-04	2.60E-02	2.16E-02	2.49E-03	4.78E-03	3.51E-03	2.09E-05	6.11E-03	6.25E-03	1.89E-03	1.09E-05	3.91E-04	4.29E-04	4.54E-02
984	371899	3757432	Fenceline	6.86E-03	5.78E-04	1.25E-02	1.82E-02	5.49E-04	1.23E-03	5.72E-04	2.67E-02	2.22E-02	2.56E-03	4.92E-03	3.66E-03	2.17E-05	6.34E-03	6.51E-03	1.97E-03	1.13E-05	4.08E-04	4.47E-04	4.72E-02
985	371888	3757430	Fenceline	6.90E-03	5.82E-04	1.26E-02	1.84E-02	5.52E-04	1.24E-03	5.85E-04	2.69E-02	2.23E-02	2.58E-03	4.95E-03	3.68E-03	2.19E-05	6.38E-03	6.56E-03	1.98E-03	1.14E-05	4.10E-04	4.50E-04	4.75E-02
986	371872	3757425	Fenceline	6.99E-03	5.90E-04	1.28E-02	1.86E-02	5.59E-04	1.25E-03	5.83E-04	2.72E-02	2.26E-02	2.61E-03	5.01E-03	3.73E-03	2.21E-05	6.47E-03	6.63E-03	2.00E-03	1.16E-05	4.15E-04	4.56E-04	4.81E-02
987	371850	3757418	Fenceline	7.10E-03	6.05E-04	1.31E-02	1.89E-02	5.73E-04	1.27E-03	5.97E-04	2.79E-02	2.32E-02	2.68E-03	5.14E-03	3.83E-03	2.27E-05	6.63E-03	6.80E-03	2.05E-03	1.19E-05	4.26E-04	4.68E-04	4.93E-02
988	371826	3757407	Fenceline	7.16E-03	6.27E-04	1.35E-02	1.92E-02	5.94E-04	1.28E-03	6.18E-04	2.89E-02	2.40E-02	2.77E-03	5.32E-03	3.98E-03	2.36E-05	6.90E-03	7.07E-03	2.14E-03	1.23E-05	4.43E-04	4.86E-04	5.13E-02
989	371808	3757399	Fenceline	7.14E-03	6.45E-04	1.38E-02	1.93E-02	6.10E-04	1.27E-03	6.33E-04	2.97E-02	2.47E-02	2.85E-03	5.46E-03	4.10E-03	2.44E-05	7.11E-03	7.29E-03	2.20E-03	1.27E-05	4.57E-04	5.01E-04	5.29E-02
990	371779	3757387	Fenceline	7.02E-03	6.77E-04	1.44E-02	1.93E-02	6.38E-04	1.24E-03	6.61E-04	3.11E-02	2.58E-02	2.98E-03	5.71E-03	4.33E-03	2.57E-05	7.49E-03	7.70E-03	2.33E-03	1.34E-05	4.82E-04	5.29E-04	5.58E-02
991	371746	3757376	Fenceline	6.81E-03	7.10E-04	1.49E-02	1.92E-02	6.67E-04	1.19E-03	6.88E-04	3.25E-02	2.70E-02	3.10E-03	5.96E-03	4.57E-03	2.71E-05	7.90E-03	8.13E-03	2.46E-03	1.42E-05	5.09E-04	5.59E-04	5.88E-02
992	371719	3757372	Fenceline	6.63E-03	7.24E-04	1.51E-02	1.89E-02	6.79E-04	1.15E-03	7.00E-04	3.31E-02	2.75E-02	3.16E-03	6.07E-03	4.69E-03	2.78E-05	8.08E-03	8.33E-03	2.52E-03	1.45E-05	5.21E-04	5.73E-04	6.01E-02
993	371249	3757378	Fenceline	5.89E-03	7.47E-04	1.54E-02	1.76E-02	6.96E-04	9.94E-04	7.14E-04	3.39E-02	2.82E-02	3.23E-03	6.22E-03	4.95E-03	2.94E-05	8.44E-03	8.80E-03	2.66E-03	1.53E-05	5.50E-04	6.05E-04	6.29E-02
994	371248	3757308	Fenceline	6.98E-03	9.36E-04	1.91E-02	2.13E-02	8.71E-04	1.16E-03	8.95E-04	4.26E-02	3.55E-02	4.06E-03	7.82E-03	5.96E-03	3.54E-05	1.05E-02	1.06E-02	3.20E-03	1.85E-05	6.65E-04	7.29E-04	7.78E-02
995	371240	3757210	Fenceline	1.26E-02	2.54E-03	5.02E-02	4.50E-02	2.34E-03	1.88E-03	2.37E-03	1.14E-01	9.50E-02	1.08E-02	2.08E-02	1.55E-02	9.18E-05	2.81E-02	2.75E-02	8.32E-03	4.78E-05	1.73E-03	1.89E-03	2.08E-01
997	371211	3757210	Fenceline	1.20E-02	2.43E-03	4.80E-02	4.31E-02	2.24E-03	1.80E-03	2.27E-03	1.09E-01	9.10E-02	1.03E-02	2.00E-02	1.47E-02	8.72E-05	2.68E-02	2.61E-02	7.90E-03	4.54E-05	1.65E-03	1.80E-03	1.98E-01
998	371207	3757214	Fenceline	1.22E-02	2.46E-03	4.86E-02	4.36E-02	2.27E-03	1.82E-03	2.29E-03	1.10E-01	9.20E-02	1.05E-02	2.02E-02	1.48E-02	8.80E-05	2.71E-02	2.64E-02	7.97E-03	4.58E-05	1.66E-03	1.81E-03	2.00E-01
999	371209	3757380	Fenceline	5.59E-03	6.73E-04	1.39E-02	1.64E-02	6.28E-04	9.53E-04	6.45E-04	3.06E-02	2.55E-02	2.92E-03	5.62E-03	4.32E-03	2.56E-05	7.50E-03	7.68E-03	2.32E-03	1.34E-05	4.81E-04	5.28E-04	5.58E-02
1000	371117	3757378	Fenceline	5.32E-03	5.78E-04	1.21E-02	1.52E-02	5.42E-04	9.22E-04	5.59E-04	2.64E-02	2.20E-02	2.52E-03	4.85E-03	3.46E-03	2.05E-05	6.27E-03	6.15E-03	1.86E-03	1.07E-05	3.87E-04	4.23E-04	4.63E-02
1001	371017	3757372	Fenceline	6.11E-03	7.28E-04	1.51E-02	1.79E-02	6.80E-04	1.04E-03	6.98E-04	3.31E-02	2.76E-02	3.16E-03	6.08E-03	3.87E-03	2.30E-05	7.58E-03	6.89E-03	2.09E-03	1.20E-05	4.37E-04	4.73E-04	5.55E-02
1002	370959	3757378	Fenceline	8.03E-03	1.29E-03	2.59E-02	2.61E-02	1.19E-03	1.29E-03	1.21E-03	5.80E-02	4.83E-02	5.51E-03	1.06E-02	4.35E-03	2.58E-05	1.19E-02	7.77E-03	2.37E-03	1.35E-05	4.56E-04	5.32E-04	8.42E-02
1003	370963	3756967	Fenceline	6.17E-03	1.13E-03	2.25E-02	2.12E-02	1.04E-03	9.51E-04	1.06E-03	5.08E-02	4.42E-02	4.82E-03	9.30E-03	7.53E-03	4.47E-05	1.29E-02	1.34E-02	4.04E-03	2.33E-05	8.38E-04	9.21E-04	9.62E-02
1004	372637	3756941	Fenceline	6.95E-03	5.86E-04	1.27E-02	1.85E-02	5.79E-04	1.25E-03	5.79E-04	2.71E-02	2.25E-02	2.60E-03	4.98E-03	3.66E-03	2.17E-05	6.39E-03	6.50E-03	1.96E-03	1.13E-05	4.07E-04	4.47E-04	4.75E-02
1005	372633	3756752	Fenceline	8.51E-03	4.21E-04	1.01E-02	2.03E-02	4.13E-04	1.61E-03	4.44E-04	2.01E-02	1.66E-02	1.96E-03	3.72E-03	2.44E-03	1.44E-05	4.33E-03	4.33E-03	1.31E-03	7.58E-06	2.72E-04	2.97E-04	3.21E-02
1006	372757	3756751	Fenceline	6.39E-03	4.25E-04	9.56E-03	1.61E-02	4.08E-04	1.18E-03	4.31E-04	1.99E-02	1.65E-02	1.92E-03	3.67E-03	2.54E-03	1.51E-05	4.51E-03	4.52E-03	1.36E-03	7.89E-06	2.84E-04	3.10E-04	3.35E-02
1007	372704	3756606	Fenceline	8.00E-03	3.68E-04	8.95E-03	1.89E-02	3.64E-04	1.52E-03	3.93E-04	1.77E-02	1.46E-02	1.73E-03	3.28E-03	2.10E-03	1.25E-05	3.75E-03	3.73E-03	1.13E-03	6.54E-06	2.34E-04	2.56E-04	2.78E-02
1008	372700	3756607	Fenceline	8.15E-03	3.69E-04	9.02E-03	1.92E-02	3.66E-04	1.55E-03	3.96E-04	1.78E-02	1.47E-02	1.73E-03	3.30E-03	2.10E-03	1.24E-05	3.75E-03	3.73E-03	1.13E-03	6.54E-06	2.34E-04	2.56E-04	2.78E-02
1009	372693	3756589	Fenceline	8.55E-03	3.67E-04	9.08E-03	2.00E-02	3.65E-04	1.63E-03	3.97E-04	1.78E-02	1.47E-02	1.73E-03	3.30E-03	2.06E-03	1.22E-05	3.70E-03	3.66E-03	1.11E-03	6.43E-06	2.30E-04	2.52E-04	2.74E-02
1010	372628	3756589	Fenceline	1.25E-02	3.90E-04	1.06E-02	2.80E-02	4.02E-04	2.41E-03	4.49E-04	1.96E-02	1.61E-02	1.93E-03	3.65E-03	2.03E-03	1.20E-05	3.68E-03	3.59E-03	1.09E-03	6.34E-06	2.26E-04	2.47E-04	2.72E-02
1011	372628	3756606	Fenceline	1.33E-02	3.84E-04	1.07E-02	2.97E-02	4.00E-04	2.59E-03	4.51E-04	1.95E-02	1.60E-02	1.93E-03	3.63E-03	1.92E-03	1.13E-05	3.53E-03	3.40E-03	1.03E-03	6.01E-06	2.14E-04	2.33E-04	2.61E-02
1012	372920	3756505	Fenceline	6.07E-03	3.68E-04	8.42E-03	1.50E-02	3.56E-04	1.13E-03	3.77E-04	1.73E-02	1.44E-02	1.67E-03	3.20E-03	2.21E-03	1.31E-05	3.90E-03	3.92E-03	1.18E-03	6.86E-06	2.46E-04	2.69E-04	2.90E-02
1013	372919	3756437	Fenceline	6.44E-03	3.52E-04	8.23E-03	1.56E-02	3.43E-04	1.21E-03	3.66E-04	1.67E-02	1.38E-02	1.62E-03	3.09E-03	2.06E-03	1.22E-05	3.68E-03	3.66E-03	1.11E-03	6.42E-06	2.30E-04	2.52E-04	2.73E-02
1014	373259	3756432	Fenceline	5.48E-03	4.49E-04	9.76E-03	1.45E-02	4.27E-04	9.87E-04	4.45E-04	2.08E-02	1.73E-02	2.00E-03	3.83E-03	2.21E-03	1.31E-05	4.52E-03	3.93E-03	1.19E-03	6.87E-06	2.51E-04	2.70E-04	3.30E-02
1015	373375	3756432	Fenceline	5.39E-03	6.21E-04	1.29E-02	1.56E-02	5.81E-04	9.25E-04	5.97E-04	2.83E-02	2.35E-02	2.70E-03	5.19E-03	2.86E-03	1.70E-05	6.19E-03	5.09E-03	1.54E-03	8.86E-06	3.27E-04	3.49E-04	4.48E-02
1016	373373	3756325	Fenceline	5.67E-03	5.62E-04	1.19E-02	1.57E-02	5.29E-04	9.98E-04	5.47E-04	2.58E-02	2.14E-02	2.47E-03	4.74E-03	2.53E-03	1.50E-05	5.55E-03	4.50E-03	1.37E-03	7.86E-06	2.90E-04	3.09E-04	4.01E-02
1017	373372	3756295	Fenceline	5.90E-03	5.74E-04	1.22E-02	1.63E-02	5.41E-04	1.04E-03	5.60E-04	2.64E-02	2.19E-02	2.52E-03	4.84E-03	2.56E-03	1.52E-05	5.65E-03	4.56E-03	1.38E-03	7.95E-06	2.94E-04	3.13E-04	4.08E-02
1018	373364	3755756	Fenceline	1.13E-02	6.79E-04	1.56E-02	2.78E-02	6.58E-04	2.09E-03	6.97E-04	3.20E-02	2.65E-02	3.09E-03	5.91E-03	1.85E-03	1.09E-05	5.77E-03	3.28E-03	1.00E-03	5.80E-06	2.23E-04	2.24E-04	4.03E-02
1019	373138	3755759	Fenceline	1.69E-02	4.91E-04	1.36E-02	3.77E-02	5.11E-04	3.28E-03	5.76E-04	2.49E-02	2.04E-02	2.46E-03	4.64E-03	2.61E-03	1.54E-05	4.72E-03	4.60E-03	1.39E-03	8.22E-06	2.90E-04	3.16E-04	3.50E-02
1020	373139	3755899	Fenceline	1.21E-02	3.76E-04	1.02E-02	2.72E-02	3.88E-04	2.35E-0														

Table 2-3.1

Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2024 With Project v. 2024 Without Project  
Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(ug/m <sup>3</sup> )																			
1051	366366	3757747	Fenceline	7.32E-04	1.02E-04	2.08E-03	2.26E-03	9.49E-05	1.21E-04	9.69E-05	4.62E-03	3.85E-03	4.40E-04	8.47E-04	6.39E-04	3.80E-06	1.13E-03	1.14E-03	3.44E-04	1.98E-06	7.14E-05	7.82E-05	8.39E-03
1052	366366	3757751	Fenceline	7.30E-04	1.02E-04	2.07E-03	2.26E-03	9.45E-05	1.21E-04	9.66E-05	4.60E-03	3.84E-03	4.38E-04	8.44E-04	6.37E-04	3.79E-06	1.13E-03	1.13E-03	3.42E-04	1.97E-06	7.11E-05	7.79E-05	8.36E-03
1053	366368	3757755	Fenceline	7.28E-04	1.01E-04	2.06E-03	2.25E-03	9.42E-05	1.21E-04	9.63E-05	4.59E-03	3.82E-03	4.37E-04	8.42E-04	6.34E-04	3.76E-06	1.12E-03	1.13E-03	3.41E-04	1.96E-06	7.09E-05	7.75E-05	8.33E-03
1054	366412	3757744	Fenceline	7.37E-04	1.03E-04	2.10E-03	2.28E-03	9.58E-05	1.22E-04	9.79E-05	4.66E-03	3.89E-03	4.44E-04	8.55E-04	6.46E-04	3.83E-06	1.14E-03	1.15E-03	3.47E-04	2.00E-06	7.21E-05	7.90E-05	8.48E-03
1055	366471	3757711	Fenceline	7.37E-04	1.07E-04	2.17E-03	2.31E-03	9.91E-05	1.21E-04	1.01E-04	4.83E-03	4.02E-03	4.60E-04	8.85E-04	6.74E-04	4.00E-06	1.19E-03	1.20E-03	3.62E-04	2.08E-06	7.52E-05	8.24E-05	8.82E-03
1056	366515	3757686	Fenceline	7.30E-04	1.11E-04	2.24E-03	2.33E-03	1.03E-04	1.18E-04	1.05E-04	5.01E-03	4.17E-03	4.76E-04	9.18E-04	6.98E-04	4.14E-06	1.23E-03	1.24E-03	3.75E-04	2.16E-06	7.79E-05	8.53E-05	9.15E-03
1057	366543	3757684	Fenceline	1.12E-03	1.20E-04	2.51E-03	3.18E-03	1.13E-04	1.94E-04	1.16E-04	5.48E-03	4.56E-03	5.24E-04	1.01E-03	7.29E-04	4.33E-06	1.31E-03	1.30E-03	3.92E-04	2.26E-06	8.15E-05	8.91E-05	9.68E-03
1058	366552	3757705	Fenceline	1.30E-03	1.38E-04	2.90E-03	3.68E-03	1.30E-04	2.26E-04	1.34E-04	6.32E-03	5.26E-03	6.04E-04	1.16E-03	8.27E-04	4.91E-06	1.50E-03	1.47E-03	4.44E-04	2.56E-06	9.25E-05	1.01E-04	1.11E-02
1059	366565	3757745	Fenceline	1.48E-03	1.59E-04	3.33E-03	4.19E-03	1.49E-04	2.56E-04	1.54E-04	7.26E-03	6.04E-03	6.94E-04	1.33E-03	9.47E-04	5.62E-06	1.72E-03	1.68E-03	5.09E-04	2.93E-06	1.06E-04	1.16E-04	1.27E-02
1060	366573	3757755	Fenceline	1.51E-03	1.62E-04	3.39E-03	4.28E-03	1.52E-04	2.62E-04	1.57E-04	7.40E-03	6.16E-03	7.07E-04	1.36E-03	9.64E-04	5.72E-06	1.75E-03	1.71E-03	5.18E-04	2.99E-06	1.08E-04	1.18E-04	1.30E-02
1061	366601	3757741	Fenceline	1.61E-03	1.77E-04	3.69E-03	4.60E-03	1.66E-04	2.79E-04	1.71E-04	8.07E-03	6.72E-03	7.71E-04	1.48E-03	1.06E-03	6.30E-06	1.92E-03	1.89E-03	5.70E-04	3.29E-06	1.19E-04	1.30E-04	1.42E-02
1062	366629	3757738	Fenceline	1.59E-03	1.75E-04	3.64E-03	4.55E-03	1.64E-04	2.75E-04	1.69E-04	7.97E-03	6.63E-03	7.61E-04	1.46E-03	1.05E-03	6.21E-06	1.89E-03	1.86E-03	5.62E-04	3.24E-06	1.17E-04	1.32E-04	1.40E-02
1063	366666	3757743	Fenceline	1.24E-03	1.28E-04	2.69E-03	3.49E-03	1.20E-04	2.18E-04	1.24E-04	5.85E-03	4.87E-03	5.60E-04	1.08E-03	7.57E-04	4.49E-06	1.38E-03	1.35E-03	4.07E-04	2.34E-06	8.47E-05	9.25E-05	1.02E-02
1064	366676	3757744	Fenceline	1.16E-03	1.18E-04	2.50E-03	3.25E-03	1.11E-04	2.03E-04	1.15E-04	5.42E-03	4.51E-03	5.18E-04	9.96E-04	7.04E-04	4.18E-06	1.28E-03	1.25E-03	3.79E-04	2.18E-06	7.88E-05	8.61E-05	9.45E-03
1065	366701	3757739	Fenceline	1.09E-03	1.15E-04	2.41E-03	3.08E-03	1.08E-04	1.90E-04	1.11E-04	5.24E-03	4.36E-03	5.01E-04	9.63E-04	6.88E-04	4.08E-06	1.24E-03	1.22E-03	3.70E-04	2.13E-06	7.70E-05	8.41E-05	9.19E-03
1066	366781	3757783	Fenceline	7.09E-04	1.02E-04	2.08E-03	2.22E-03	9.51E-05	1.16E-04	9.70E-05	4.63E-03	3.86E-03	4.41E-04	8.49E-04	6.28E-04	3.73E-06	1.13E-03	1.12E-03	3.38E-04	1.94E-06	7.03E-05	7.68E-05	8.35E-03
1067	366859	3757827	Fenceline	6.95E-04	9.53E-05	1.94E-03	2.14E-03	8.86E-05	1.15E-04	9.06E-05	4.32E-03	3.60E-03	4.11E-04	7.92E-04	5.81E-04	3.45E-06	1.05E-03	1.03E-03	3.12E-04	1.80E-06	6.50E-05	7.10E-05	7.74E-03
1068	366828	3757883	Fenceline	6.75E-04	8.78E-05	1.80E-03	2.04E-03	8.17E-05	1.13E-04	8.37E-05	3.98E-03	3.32E-03	3.79E-04	7.30E-04	5.27E-04	3.13E-06	9.57E-04	9.38E-04	2.84E-04	1.63E-06	5.90E-05	6.45E-05	7.08E-03
1069	366839	3757889	Fenceline	6.74E-04	8.70E-05	1.79E-03	2.03E-03	8.11E-05	1.13E-04	8.31E-05	3.95E-03	3.29E-03	3.76E-04	7.25E-04	5.22E-04	3.10E-06	9.49E-04	9.29E-04	2.81E-04	1.62E-06	5.85E-05	6.38E-05	7.01E-03
1070	366870	3757832	Fenceline	6.95E-04	9.47E-05	1.93E-03	2.13E-03	8.80E-05	1.15E-04	9.00E-05	4.29E-03	3.57E-03	4.08E-04	7.86E-04	5.76E-04	3.42E-06	1.04E-03	1.02E-03	3.10E-04	1.76E-06	6.44E-05	7.04E-05	7.68E-03
1071	366922	3757861	Fenceline	6.92E-04	9.08E-05	1.86E-03	2.10E-03	8.46E-05	1.16E-04	8.66E-05	4.12E-03	3.43E-03	3.93E-04	7.56E-04	5.47E-04	3.25E-06	9.92E-04	9.74E-04	2.94E-04	1.69E-06	6.12E-05	6.69E-05	7.33E-03
1072	367105	3757964	Residential	1.37E-03	1.01E-04	2.23E-03	3.54E-03	9.63E-05	2.51E-04	1.01E-04	4.69E-03	3.89E-03	4.51E-04	8.64E-04	6.64E-04	3.94E-06	1.12E-03	1.18E-03	3.56E-04	2.06E-06	7.36E-05	8.11E-05	8.34E-03
1073	367221	3757912	Fenceline	1.24E-03	9.46E-05	2.08E-03	3.23E-03	9.02E-05	2.26E-04	9.45E-05	4.40E-03	3.65E-03	4.22E-04	8.09E-04	5.30E-04	3.14E-06	9.89E-04	9.42E-04	2.85E-04	1.65E-06	5.95E-05	6.47E-05	7.29E-03
1074	367348	3757913	Fenceline	1.29E-03	9.71E-05	2.14E-03	3.34E-03	9.26E-05	2.35E-04	9.71E-05	4.51E-03	3.75E-03	4.34E-04	8.31E-04	5.73E-04	3.40E-06	1.03E-03	1.02E-03	3.07E-04	1.78E-06	6.40E-05	6.99E-05	7.64E-03
1075	367346	3757956	Residential	1.18E-03	9.06E-05	1.99E-03	3.07E-03	8.64E-05	2.15E-04	9.04E-05	4.21E-03	3.49E-03	4.04E-04	7.75E-04	5.47E-04	3.24E-06	9.72E-04	9.71E-04	2.93E-04	1.70E-06	6.10E-05	6.67E-05	7.21E-03
1076	367457	3758010	Fenceline	7.97E-04	9.93E-05	2.05E-03	3.07E-03	9.27E-05	1.35E-04	9.50E-05	4.51E-03	3.76E-03	4.30E-04	8.28E-04	5.10E-04	3.62E-06	1.09E-03	1.08E-03	3.28E-04	1.89E-06	6.82E-05	7.46E-05	8.08E-03
1077	367540	3757865	Fenceline	7.82E-04	9.26E-05	1.92E-03	2.29E-03	8.65E-05	1.34E-04	8.89E-05	4.22E-03	3.51E-03	4.02E-04	7.74E-04	5.55E-04	3.30E-06	1.01E-03	9.88E-04	2.99E-04	1.72E-06	6.22E-05	6.79E-05	7.44E-03
1078	367566	3757873	Fenceline	7.96E-04	9.25E-05	1.92E-03	2.32E-03	8.65E-05	1.36E-04	8.90E-05	4.21E-03	3.51E-03	4.02E-04	7.74E-04	5.62E-04	3.34E-06	1.01E-03	1.00E-03	3.02E-04	1.74E-06	6.29E-05	6.87E-05	7.48E-03
1079	367580	3757882	Fenceline	8.99E-04	9.34E-05	1.96E-03	2.53E-03	8.77E-05	1.57E-04	9.06E-05	4.27E-03	3.56E-03	4.09E-04	7.85E-04	5.70E-04	3.38E-06	1.02E-03	1.01E-03	3.06E-04	1.76E-06	6.36E-05	6.96E-05	7.54E-03
1080	367597	3757880	Fenceline	9.59E-04	9.43E-05	2.00E-03	2.66E-03	8.88E-05	1.69E-04	9.18E-05	4.32E-03	3.60E-03	4.14E-04	7.94E-04	5.73E-04	3.40E-06	1.03E-03	1.02E-03	3.08E-04	1.78E-06	6.40E-05	7.00E-05	7.60E-03
1081	367613	3757865	Fenceline	8.68E-04	9.50E-05	1.98E-03	2.48E-03	8.90E-05	1.50E-04	9.17E-05	4.34E-03	3.61E-03	4.14E-04	7.96E-04	5.71E-04	3.39E-06	1.03E-03	1.02E-03	3.07E-04	1.77E-06	6.39E-05	6.98E-05	7.63E-03
1082	367629	3757856	Fenceline	8.16E-04	9.55E-05	1.98E-03	2.38E-03	8.93E-05	1.40E-04	9.18E-05	4.35E-03	3.62E-03	4.15E-04	7.99E-04	5.70E-04	3.39E-06	1.04E-03	1.01E-03	3.07E-04	1.77E-06	6.38E-05	6.97E-05	7.66E-03
1083	367660	3757855	Fenceline	9.32E-04	9.69E-05	2.04E-03	2.62E-03	9.11E-05	1.63E-04	9.40E-05	4.44E-03	3.69E-03	4.24E-04	8.15E-04	5.78E-04	3.43E-06	1.05E-03	1.03E-03	3.11E-04	1.79E-06	6.47E-05	7.07E-05	7.75E-03
1084	367685	3757851	Fenceline	9.24E-04	9.72E-05	2.04E-03	2.61E-03	9.13E-05	1.61E-04	9.42E-05	4.45E-03	3.70E-03	4.25E-04	8.17E-04	5.81E-04	3.45E-06	1.05E-03	1.03E-03	3.12E-04	1.80E-06	6.50E-05	7.10E-05	7.79E-03
1085	367696	3757845	Fenceline	9.29E-04	9.82E-05	2.06E-03	2.63E-03	9.22E-05	1.62E-04	9.51E-05	4.49E-03	3.74E-03	4.29E-04	8.25E-04	5.83E-04	3.46E-06	1.06E-03	1.04E-03	3.13E-04	1.81E-06	6.52E-05	7.12E-05	7.84E-03
1086	367711	3757855	Fenceline	9.55E-04	9.73E-05	2.05E-03	2.67E-03	9.14E-05	1.67E-04	9.45E-05	4.45E-03	3.70E-03	4.26E-04	8.18E-04	5.89E-04	3.49E-06	1.06E-03	1.05E-03	3.16E-04	1.82E-06	6.58E-05	7.19E-05	7.83E-03
1087	367707	3757863	Fenceline	1.27E-03	9.82E-05	2.15E-03	3.31E-03	9.36E-05	2.31E-04	9.79E-05	4.56E-03	3.78E-03	4.38E-04	8.39E-04	5.90E-04	3.50E-06	1.05E-03	1.05E-03	3.17E-04	1.83E-06	6.58E-05	7.20E-05	7.80E-03
1088	367706	3757875	Fenceline	1.30E-03	9.72E-05	2.14E-03	3.35E-03	9.27E-05	2.36E-04	9.72E-05	4.52E-03	3.75E-03	4.34E-04	8.32E-04	5.93E-04	3.52E-06	1.05E-03	1.05E-03	3.18E-04	1.84E-06	6.61E-05	7.25E-05	7.77E-03
1089	367708	3757896	Fenceline	1.34E-03	1.00E-04	2.21E-03	3.46E-03																

Table 2-3.1

Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2024 With Project v. 2024 Without Project  
Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				( $\mu\text{g}/\text{m}^3$ )																			
1121	368711	3758011	Fenceline	2.09E-03	2.34E-04	4.87E-03	6.01E-03	2.19E-04	3.60E-04	2.25E-04	1.07E-02	8.87E-03	1.02E-03	1.96E-03	1.43E-03	8.49E-06	2.56E-03	2.54E-03	7.69E-04	4.43E-06	1.60E-04	1.75E-04	1.89E-02
1122	368748	3758035	Fenceline	2.13E-03	2.45E-04	5.08E-03	6.18E-03	2.29E-04	3.67E-04	2.36E-04	1.12E-02	9.28E-03	1.06E-03	2.05E-03	1.50E-03	8.91E-06	2.69E-03	2.67E-03	8.07E-04	4.65E-06	1.69E-04	1.84E-04	1.99E-02
1123	368865	3758107	Fenceline	2.71E-03	3.05E-04	6.36E-03	7.82E-03	2.86E-04	4.68E-04	2.94E-04	1.39E-02	1.16E-02	1.33E-03	2.56E-03	2.01E-03	1.20E-05	3.44E-03	3.58E-03	1.08E-03	6.24E-06	2.24E-04	2.46E-04	2.56E-02
1124	368931	3758150	Fenceline	3.13E-03	3.45E-04	7.21E-03	8.95E-03	3.24E-04	5.40E-04	3.33E-04	1.58E-02	1.31E-02	1.51E-03	2.90E-03	2.42E-03	1.44E-05	3.99E-03	4.31E-03	1.30E-03	7.50E-06	2.69E-04	2.96E-04	2.98E-02
1125	368974	3758178	Residential	3.38E-03	3.59E-04	7.52E-03	9.57E-03	3.37E-04	5.89E-04	3.47E-04	1.64E-02	1.36E-02	1.57E-03	3.01E-03	2.59E-03	1.54E-05	4.18E-03	4.60E-03	1.39E-03	8.01E-06	2.96E-04	3.16E-04	3.14E-02
1126	368993	3758138	Fenceline	3.40E-03	3.77E-04	7.86E-03	9.74E-03	3.53E-04	5.87E-04	3.64E-04	1.72E-02	1.43E-02	1.64E-03	3.16E-03	2.68E-03	1.59E-05	4.37E-03	4.77E-03	1.44E-03	8.30E-06	2.97E-04	3.28E-04	3.28E-02
1127	369000	3758119	Fenceline	3.37E-03	3.77E-04	7.85E-03	9.69E-03	3.53E-04	5.81E-04	3.63E-04	1.72E-02	1.43E-02	1.64E-03	3.16E-03	2.69E-03	1.58E-05	4.36E-03	4.72E-03	1.42E-03	8.22E-06	2.94E-04	3.25E-04	3.26E-02
1128	369007	3758101	Fenceline	3.31E-03	3.71E-04	7.74E-03	9.52E-03	3.48E-04	5.70E-04	3.58E-04	1.69E-02	1.41E-02	1.62E-03	3.11E-03	2.59E-03	1.54E-05	4.27E-03	4.60E-03	1.39E-03	8.01E-06	2.87E-04	3.16E-04	3.20E-02
1129	369011	3758087	Fenceline	3.24E-03	3.63E-04	7.56E-03	9.32E-03	3.40E-04	5.59E-04	3.50E-04	1.66E-02	1.38E-02	1.58E-03	3.04E-03	2.50E-03	1.48E-05	4.16E-03	4.44E-03	1.34E-03	7.74E-06	2.77E-04	3.06E-04	3.11E-02
1130	369040	3758095	Fenceline	3.46E-03	3.97E-04	8.25E-03	1.00E-02	3.72E-04	5.95E-04	3.82E-04	1.81E-02	1.51E-02	1.73E-03	3.32E-03	2.80E-03	1.66E-05	4.59E-03	4.97E-03	1.50E-03	8.65E-06	3.09E-04	3.42E-04	3.44E-02
1131	369154	3758167	Residential	4.71E-03	5.73E-04	1.18E-02	1.39E-02	5.35E-04	8.01E-04	5.49E-04	2.61E-02	2.17E-02	2.49E-03	4.78E-03	4.65E-03	2.76E-05	7.04E-03	8.26E-03	2.49E-03	1.44E-05	5.11E-04	5.69E-04	5.34E-02
1132	369342	3759940	Fenceline	4.58E-03	5.08E-04	1.06E-02	1.31E-02	4.76E-04	7.92E-04	4.90E-04	2.32E-02	1.93E-02	2.22E-03	4.26E-03	4.16E-03	2.47E-05	6.25E-03	7.38E-03	2.22E-03	1.29E-05	4.56E-04	5.08E-04	4.75E-02
1133	369370	3759965	Fenceline	6.13E-03	9.11E-04	1.84E-02	1.94E-02	8.45E-04	9.99E-04	8.62E-04	4.12E-02	3.43E-02	3.92E-03	7.55E-03	7.72E-03	4.58E-05	1.15E-02	1.37E-02	4.13E-03	2.39E-05	8.46E-04	9.44E-04	8.71E-02
1134	369409	3758009	Fenceline	6.23E-03	9.12E-04	1.85E-02	1.96E-02	8.46E-04	1.02E-03	8.63E-04	4.12E-02	3.43E-02	3.92E-03	7.55E-03	7.51E-03	4.46E-05	1.13E-02	1.34E-02	4.02E-03	2.32E-05	8.25E-04	9.19E-04	8.59E-02
1135	369379	3758027	Fenceline	6.35E-03	9.59E-04	1.94E-02	2.02E-02	8.89E-04	1.03E-03	9.07E-04	4.33E-02	3.61E-02	4.12E-03	7.94E-03	7.91E-03	4.70E-05	1.19E-02	1.41E-02	4.24E-03	2.45E-05	8.69E-04	9.68E-04	9.05E-02
1136	369268	3758146	Fenceline	6.19E-03	1.01E-03	2.03E-02	2.03E-02	9.36E-04	9.86E-04	9.52E-04	4.56E-02	3.80E-02	4.33E-03	8.35E-03	8.63E-03	5.13E-05	1.28E-02	1.53E-02	4.62E-03	2.67E-05	9.46E-04	1.06E-03	9.73E-02
1137	369215	3758210	Fenceline	5.24E-03	7.73E-04	1.57E-02	1.65E-02	7.17E-04	8.57E-04	7.32E-04	3.49E-02	2.91E-02	3.32E-03	6.40E-03	6.97E-03	4.14E-05	9.99E-03	1.24E-02	3.73E-03	2.16E-05	7.62E-04	8.53E-04	7.64E-02
1138	369386	3758352	Fenceline	2.76E-03	2.02E-04	4.46E-03	7.10E-03	1.93E-04	5.04E-04	2.10E-04	9.40E-03	7.80E-03	9.04E-04	1.73E-03	1.28E-03	7.60E-06	2.20E-03	2.28E-03	6.87E-04	3.97E-06	1.42E-04	1.56E-04	1.64E-02
1139	369388	3758585	Residential	3.46E-03	1.85E-04	4.35E-03	8.37E-03	1.81E-04	6.48E-04	1.93E-04	8.82E-03	7.29E-03	8.54E-04	1.63E-03	1.04E-03	6.18E-06	1.91E-03	1.85E-03	5.60E-04	3.25E-06	1.17E-04	1.27E-04	1.41E-02
1140	369791	3758580	Residential	3.40E-03	1.96E-04	4.54E-03	8.34E-03	1.91E-04	6.34E-04	2.03E-04	9.29E-03	7.69E-03	8.98E-04	1.72E-03	1.04E-03	6.17E-06	1.98E-03	1.85E-03	5.59E-04	3.24E-06	1.17E-04	1.27E-04	1.46E-02
1141	369787	3758307	Fenceline	3.57E-03	1.78E-04	4.24E-03	8.53E-03	1.74E-04	6.73E-04	1.87E-04	8.50E-03	7.03E-03	8.25E-04	1.57E-03	9.51E-04	5.63E-06	1.78E-03	1.69E-03	5.10E-04	2.96E-06	1.07E-04	1.16E-04	1.31E-02
1142	371539	3757013	Fenceline	5.77E-03	7.78E-04	1.59E-02	1.76E-02	7.24E-04	9.61E-04	7.41E-04	3.53E-02	2.94E-02	3.36E-03	6.47E-03	5.25E-03	3.12E-05	8.88E-03	9.34E-03	2.82E-03	1.62E-05	5.83E-04	6.42E-04	6.63E-02
1143	371540	3757178	Fenceline	1.11E-02	2.29E-03	4.51E-02	4.02E-02	2.11E-03	1.65E-03	2.13E-03	1.03E-01	8.55E-02	9.73E-03	1.88E-02	1.42E-02	8.41E-05	2.55E-02	2.52E-02	7.61E-03	4.37E-05	1.58E-03	1.73E-03	1.88E-01
1144	371615	3757178	Fenceline	1.13E-02	2.27E-03	4.49E-02	4.03E-02	2.09E-03	1.68E-03	2.12E-03	1.02E-01	8.51E-02	9.68E-03	1.87E-02	1.39E-02	8.23E-05	2.52E-02	2.47E-02	7.46E-03	4.28E-05	1.55E-03	1.70E-03	1.86E-01
1145	371614	3757009	Fenceline	5.28E-03	6.87E-04	1.41E-02	1.59E-02	6.40E-04	8.86E-04	6.55E-04	3.12E-02	2.59E-02	2.97E-03	5.71E-03	4.58E-03	2.72E-05	7.79E-03	8.14E-03	2.46E-03	1.42E-05	5.09E-04	5.60E-04	5.81E-02
1146	371276	3757209	Fenceline	1.27E-02	2.54E-03	5.02E-02	4.52E-02	2.34E-03	1.90E-03	2.37E-03	1.14E-01	9.49E-02	1.08E-02	2.08E-02	1.59E-02	9.45E-05	2.84E-02	2.83E-02	8.56E-03	4.92E-05	1.78E-03	1.95E-03	2.10E-01
1147	371279	3757346	Fenceline	6.62E-03	8.87E-04	1.81E-02	2.02E-02	8.25E-04	1.11E-03	8.44E-04	4.02E-02	3.35E-02	3.83E-03	7.37E-03	5.92E-03	3.51E-05	1.01E-02	1.05E-02	3.18E-03	1.83E-05	6.68E-04	7.24E-04	7.51E-02
1148	371682	3757343	Fenceline	6.69E-03	8.33E-04	1.72E-02	1.99E-02	7.78E-04	1.13E-03	7.97E-04	3.79E-02	3.15E-02	3.61E-03	6.95E-03	5.45E-03	3.24E-05	9.37E-03	6.99E-03	2.93E-03	1.69E-05	6.06E-04	6.66E-04	6.98E-02
1149	371682	3757302	Fenceline	7.08E-03	9.34E-04	1.91E-02	2.15E-02	8.70E-04	1.19E-03	8.90E-04	4.24E-02	3.53E-02	4.04E-03	7.77E-03	6.00E-03	3.56E-05	1.04E-02	1.07E-02	3.22E-03	1.86E-05	6.68E-04	7.34E-04	7.77E-02
1150	371681	3757203	Fenceline	1.19E-02	2.36E-03	4.67E-02	4.23E-02	2.17E-03	1.79E-03	2.20E-03	1.06E-01	8.84E-02	1.01E-02	1.94E-02	1.42E-02	8.42E-05	2.60E-02	2.52E-02	7.63E-03	4.38E-05	1.59E-03	1.73E-03	1.92E-01
1151	371917	3757362	Fenceline	8.00E-03	6.68E-04	1.45E-02	2.12E-02	6.34E-04	1.44E-03	6.61E-04	3.09E-02	2.56E-02	2.96E-03	5.68E-03	4.13E-03	2.45E-05	7.25E-03	7.33E-03	2.21E-03	1.28E-05	4.60E-04	5.04E-04	5.38E-02
1152	371815	3757364	Fenceline	7.48E-03	6.92E-04	1.48E-02	2.04E-02	6.54E-04	1.33E-03	6.78E-04	3.18E-02	2.65E-02	3.05E-03	5.85E-03	4.33E-03	2.57E-05	7.59E-03	7.71E-03	2.33E-03	1.34E-05	4.83E-04	5.30E-04	5.64E-02
1153	371812	3757365	Fenceline	7.44E-03	6.93E-04	1.48E-02	2.03E-02	6.54E-04	1.32E-03	6.78E-04	3.19E-02	2.65E-02	3.05E-03	5.86E-03	4.35E-03	2.58E-05	7.60E-03	7.73E-03	2.33E-03	1.35E-05	4.85E-04	5.31E-04	5.65E-02
1154	371811	3757367	Fenceline	7.42E-03	6.92E-04	1.47E-02	2.03E-02	6.53E-04	1.32E-03	6.77E-04	3.18E-02	2.64E-02	3.04E-03	5.84E-03	4.35E-03	2.58E-05	7.59E-03	7.73E-03	2.33E-03	1.35E-05	4.84E-04	5.31E-04	5.64E-02
1155	371817	3757371	Fenceline	7.44E-03	6.83E-04	1.46E-02	2.02E-02	6.45E-04	1.32E-03	6.70E-04	3.14E-02	2.61E-02	3.01E-03	5.78E-03	4.29E-03	2.55E-05	7.50E-03	7.63E-03	2.30E-03	1.33E-05	4.78E-04	5.25E-04	5.57E-02
1156	371849	3757384	Fenceline	7.49E-03	6.51E-04	1.40E-02	2.01E-02	6.16E-04	1.34E-03	6.41E-04	3.00E-02	2.49E-02	2.88E-03	5.52E-03	4.07E-03	2.42E-05	7.12E-03	7.24E-03	2.19E-03	1.26E-05	4.54E-04	4.98E-04	5.29E-02
1157	371858	3757388	Fenceline	7.46E-03	6.43E-04	1.39E-02	1.99E-02	6.09E-04	1.34E-03	6.34E-04	2.97E-02	2.46E-02	2.84E-03	5.46E-03	4.02E-03	2.39E-05	7.02E-03	7.15E-03	2.16E-03	1.25E-05	4.48E-04	4.91E-04	5.22E-02
1158	371878	3757394	Fenceline	7.36E-03	6.30E-04	1.36E-02	1.97E-02	5.97E-04	1.32E-03	6.21E-04	2.91E-02	2.41E-02	2.79E-03	5.35E-03	3.94E-03								

Table 2-3.1  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2024 With Project v. 2024 Without Project**  
 Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates	
				(ug/m <sup>3</sup> )																				
1191	373207	3757044	Fenceline	5.95E-03	1.12E-03	2.22E-02	2.07E-02	1.03E-03	9.11E-04	1.05E-03	5.03E-02	4.19E-02	4.77E-03	9.21E-03	7.40E-03	4.39E-05	1.28E-02	1.32E-02	3.98E-03	2.29E-05	3.98E-03	8.24E-04	9.05E-04	9.49E-02
1192	373201	3757039	Fenceline	5.84E-03	1.07E-03	2.13E-02	2.01E-02	9.90E-04	9.00E-04	1.00E-03	4.82E-02	4.02E-02	4.58E-03	8.83E-03	7.12E-03	4.23E-05	1.22E-02	1.27E-02	3.82E-03	2.20E-05	3.82E-03	7.92E-04	8.71E-04	9.11E-02
1193	373194	3757034	Fenceline	5.69E-03	1.01E-03	2.01E-02	1.92E-02	9.29E-04	8.84E-04	9.43E-04	4.53E-02	3.77E-02	4.30E-03	8.29E-03	6.69E-03	3.98E-05	1.15E-02	1.19E-02	3.60E-03	2.07E-05	3.60E-03	7.45E-04	8.19E-04	8.55E-02
1194	373187	3757029	Fenceline	5.62E-03	9.80E-04	1.96E-02	1.89E-02	9.05E-04	8.79E-04	9.20E-04	4.41E-02	3.68E-02	4.19E-03	8.08E-03	6.33E-03	3.76E-05	1.11E-02	1.13E-02	3.40E-03	1.96E-05	3.40E-03	7.06E-04	7.74E-04	8.22E-02
1195	373180	3757024	Fenceline	5.58E-03	9.62E-04	1.92E-02	1.87E-02	8.88E-04	8.77E-04	9.03E-04	4.33E-02	3.61E-02	4.11E-03	7.93E-03	6.06E-03	3.60E-05	1.08E-02	1.08E-02	3.26E-03	1.87E-05	3.26E-03	6.77E-04	7.42E-04	7.97E-02
1196	373173	3757019	Fenceline	5.53E-03	9.37E-04	1.88E-02	1.84E-02	8.66E-04	8.72E-04	8.81E-04	4.22E-02	3.52E-02	4.01E-03	7.73E-03	5.91E-03	3.51E-05	1.05E-02	1.05E-02	3.18E-03	1.83E-05	3.18E-03	6.60E-04	7.23E-04	7.77E-02
1197	373165	3757015	Fenceline	5.47E-03	9.09E-04	1.82E-02	1.80E-02	8.40E-04	8.67E-04	8.55E-04	4.09E-02	3.41E-02	3.89E-03	7.50E-03	5.78E-03	3.43E-05	1.02E-02	1.03E-02	3.10E-03	1.79E-05	3.10E-03	6.45E-04	7.06E-04	7.56E-02
1198	373158	3757010	Fenceline	5.39E-03	8.78E-04	1.76E-02	1.77E-02	8.12E-04	8.60E-04	8.26E-04	3.95E-02	3.30E-02	3.76E-03	7.25E-03	5.62E-03	3.33E-05	9.95E-03	3.02E-03	1.74E-05	1.68E-05	3.02E-03	6.26E-04	6.87E-04	7.32E-02
1199	373150	3757006	Fenceline	5.32E-03	8.45E-04	1.70E-02	1.72E-02	7.82E-04	8.53E-04	7.96E-04	3.81E-02	3.17E-02	3.62E-03	6.98E-03	5.44E-03	3.23E-05	9.50E-03	2.92E-03	1.68E-05	1.68E-05	2.92E-03	6.06E-04	6.65E-04	7.06E-02
1200	373142	3757002	Fenceline	5.24E-03	8.11E-04	1.64E-02	1.68E-02	7.52E-04	8.45E-04	7.66E-04	3.66E-02	3.05E-02	3.48E-03	6.71E-03	5.25E-03	3.12E-05	9.14E-03	2.82E-03	1.62E-05	1.62E-05	2.82E-03	5.85E-04	6.42E-04	6.79E-02
1201	373134	3756999	Fenceline	5.16E-03	7.79E-04	1.57E-02	1.64E-02	7.22E-04	8.38E-04	7.36E-04	3.52E-02	2.93E-02	3.35E-03	6.45E-03	5.06E-03	3.00E-05	8.78E-03	2.72E-03	1.56E-05	1.56E-05	2.72E-03	5.63E-04	6.18E-04	6.53E-02
1202	373126	3756995	Fenceline	5.09E-03	7.48E-04	1.51E-02	1.60E-02	6.94E-04	8.31E-04	7.08E-04	3.38E-02	2.82E-02	3.22E-03	6.19E-03	4.87E-03	2.89E-05	8.43E-03	2.61E-03	1.51E-05	1.51E-05	2.61E-03	5.42E-04	5.95E-04	6.27E-02
1203	373118	3756992	Fenceline	5.10E-03	7.50E-04	1.52E-02	1.61E-02	6.96E-04	8.34E-04	7.10E-04	3.39E-02	2.82E-02	3.23E-03	6.21E-03	4.92E-03	2.92E-05	8.48E-03	2.64E-03	1.52E-05	1.52E-05	2.64E-03	5.47E-04	6.01E-04	6.31E-02
1204	373110	3756989	Fenceline	5.18E-03	7.72E-04	1.56E-02	1.64E-02	7.16E-04	8.43E-04	7.31E-04	3.49E-02	2.91E-02	3.32E-03	6.40E-03	5.06E-03	3.01E-05	8.74E-03	2.72E-03	1.57E-05	1.57E-05	2.72E-03	5.64E-04	6.19E-04	6.50E-02
1205	373102	3756986	Fenceline	5.25E-03	7.93E-04	1.60E-02	1.67E-02	7.35E-04	8.53E-04	7.50E-04	3.58E-02	2.98E-02	3.41E-03	6.56E-03	5.19E-03	3.08E-05	8.97E-03	2.93E-03	1.61E-05	1.61E-05	2.93E-03	5.78E-04	6.35E-04	6.67E-02
1206	373094	3756983	Fenceline	5.32E-03	8.10E-04	1.64E-02	1.70E-02	7.51E-04	8.62E-04	7.66E-04	3.66E-02	3.05E-02	3.48E-03	6.71E-03	5.29E-03	3.14E-05	9.16E-03	2.84E-03	1.64E-05	1.64E-05	2.84E-03	5.90E-04	6.47E-04	6.81E-02
1207	373085	3756981	Fenceline	5.37E-03	8.24E-04	1.66E-02	1.72E-02	7.64E-04	8.69E-04	7.79E-04	3.72E-02	3.10E-02	3.54E-03	6.82E-03	5.37E-03	3.19E-05	9.31E-03	2.89E-03	1.66E-05	1.66E-05	2.89E-03	6.09E-04	6.57E-04	6.92E-02
1208	373077	3756978	Fenceline	5.42E-03	8.35E-04	1.68E-02	1.74E-02	7.74E-04	8.75E-04	7.89E-04	3.77E-02	3.14E-02	3.59E-03	6.91E-03	5.43E-03	3.23E-05	9.43E-03	2.92E-03	1.68E-05	1.68E-05	2.92E-03	6.26E-04	6.71E-04	7.01E-02
1209	373071	3756977	Fenceline	5.49E-03	8.54E-04	1.72E-02	1.79E-02	7.94E-04	8.95E-04	8.09E-04	3.85E-02	3.19E-02	3.70E-03	7.06E-03	5.58E-03	3.31E-05	9.57E-03	2.97E-03	1.70E-05	1.70E-05	2.97E-03	6.34E-04	6.79E-04	7.10E-02
1210	372864	3756972	Fenceline	5.94E-03	9.22E-04	1.85E-02	1.88E-02	8.54E-04	9.29E-04	8.69E-04	4.16E-02	3.47E-02	3.95E-03	7.62E-03	6.02E-03	3.58E-05	1.04E-02	1.07E-02	3.24E-03	1.86E-05	3.24E-03	6.71E-04	7.37E-04	7.76E-02
1211	372672	3756975	Fenceline	6.99E-03	9.22E-04	1.85E-02	1.88E-02	8.54E-04	9.29E-04	8.69E-04	4.16E-02	3.47E-02	3.95E-03	7.62E-03	6.02E-03	3.58E-05	1.04E-02	1.07E-02	3.24E-03	1.86E-05	3.24E-03	6.71E-04	7.37E-04	7.76E-02
1212	372673	3757018	Fenceline	7.37E-03	9.11E-04	1.88E-02	1.96E-02	8.50E-04	9.25E-03	8.72E-04	4.14E-02	3.45E-02	3.95E-03	7.60E-03	5.53E-03	3.28E-05	9.96E-03	2.97E-03	1.71E-05	1.71E-05	2.97E-03	6.18E-04	6.76E-04	7.37E-02
1213	372631	3757026	Fenceline	7.52E-03	9.53E-04	1.96E-02	2.25E-02	8.89E-04	1.27E-03	9.11E-04	4.33E-02	3.60E-02	4.13E-03	7.94E-03	5.78E-03	3.43E-05	1.04E-02	1.03E-02	3.11E-03	1.79E-05	3.11E-03	6.46E-04	7.06E-04	7.72E-02
1214	372631	3757077	Fenceline	9.07E-03	1.49E-03	2.99E-02	2.98E-02	1.38E-03	1.44E-03	1.40E-03	6.72E-02	5.60E-02	6.39E-03	1.23E-02	9.18E-03	5.45E-05	1.65E-02	1.63E-02	4.94E-03	2.84E-05	1.03E-03	1.12E-03	1.22E-03	1.22E-01
1215	372631	3757179	Fenceline	1.16E-02	1.85E-03	3.73E-02	3.77E-02	1.72E-03	1.86E-03	1.75E-03	8.36E-02	6.96E-02	7.94E-03	1.53E-02	1.12E-02	6.63E-05	2.03E-02	1.99E-02	6.01E-03	3.45E-05	1.25E-03	1.37E-03	1.50E-03	1.50E-01
1216	372635	3757212	Fenceline	9.03E-03	1.27E-03	2.58E-02	2.80E-02	1.18E-03	1.49E-03	1.21E-03	5.75E-02	4.79E-02	5.47E-03	1.05E-02	7.69E-03	4.57E-05	1.39E-02	1.37E-02	4.14E-03	2.38E-05	4.14E-03	9.40E-04	1.03E-03	1.03E-01
1217	372650	3757249	Fenceline	6.99E-03	9.44E-04	1.93E-02	2.14E-02	8.79E-04	1.16E-03	8.99E-04	4.28E-02	3.56E-02	4.08E-03	7.85E-03	5.70E-03	3.39E-05	1.03E-02	1.01E-02	3.07E-03	1.76E-05	3.07E-03	6.38E-04	6.97E-04	7.64E-02
1218	372672	3757322	Fenceline	5.97E-03	7.84E-04	1.60E-02	1.81E-02	7.30E-04	1.00E-03	7.47E-04	3.55E-02	2.96E-02	3.39E-03	6.52E-03	5.27E-03	3.13E-05	8.92E-03	2.83E-03	1.63E-05	1.63E-05	2.83E-03	5.85E-04	6.44E-04	6.65E-02
1219	372698	3757402	Fenceline	5.28E-03	7.63E-04	1.55E-02	1.65E-02	7.09E-04	8.67E-04	7.23E-04	3.45E-02	2.88E-02	3.28E-03	6.33E-03	5.03E-03	2.99E-05	8.64E-03	2.70E-03	1.56E-05	1.56E-05	2.70E-03	6.15E-04	6.43E-04	6.43E-02
1220	372731	3757389	Fenceline	5.73E-03	7.75E-04	1.58E-02	1.75E-02	7.21E-04	9.54E-04	7.38E-04	3.51E-02	2.93E-02	3.35E-03	6.44E-03	5.10E-03	3.03E-05	8.76E-03	2.74E-03	1.58E-05	1.58E-05	2.74E-03	6.23E-04	6.52E-04	6.52E-02
1221	372737	3757404	Fenceline	5.63E-03	7.73E-04	1.58E-02	1.73E-02	7.19E-04	9.34E-04	7.35E-04	3.50E-02	2.92E-02	3.33E-03	6.42E-03	5.10E-03	3.03E-05	8.74E-03	2.74E-03	1.58E-05	1.58E-05	2.74E-03	6.23E-04	6.51E-04	6.51E-02
1222	372704	3757417	Fenceline	5.07E-03	6.72E-04	1.37E-02	1.54E-02	6.25E-04	8.49E-04	6.40E-04	3.05E-02	2.54E-02	2.90E-03	5.59E-03	4.50E-03	2.62E-05	7.58E-03	2.37E-03	1.37E-05	1.37E-05	2.37E-03	5.40E-04	5.65E-04	5.65E-02
1223	372730	3757484	Fenceline	4.91E-03	7.16E-04	1.45E-02	1.54E-02	6.65E-04	8.04E-04	6.78E-04	3.24E-02	2.70E-02	3.08E-03	5.93E-03	4.84E-03	2.87E-05	8.18E-03	2.60E-03	1.50E-05	1.50E-05	2.60E-03	5.92E-04	6.11E-04	6.11E-02
1224	372763	3757441	Fenceline	5.24E-03	7.84E-04	1.59E-02	1.66E-02	7.27E-04	8.54E-04	7.41E-04	3.54E-02	2.95E-02	3.37E-03	6.49E-03	5.30E-03	3.15E-05	8.97E-03	2.85E-03	1.64E-05	1.64E-05	2.85E-03	6.48E-04	6.69E-04	6.69E-02
1225	372770	3757486	Fenceline	5.17E-03	7.91E-04	1.60E-02	1.65E-02	7.33E-04	8.37E-04	7.47E-04	3.57E-02	2.97E-02	3.40E-03	6.54E-03	5.38E-03	3.19E-05	9.07E-03	2.89E-03	1.66E-05	1.66E-05	2.89E-03	6.58E-04	6.77E-04	6.77E-02
1226	372776	3757503	Fenceline	5.10E-03	7.99E-04	1.61E-02	1.64E-02	7.40E-04	8.21E-04	7.54E-04	3.60E-02	3.00E-02	3.43E-03	6.61E-03	5.54E-03	3.29E-05	9.24E-03	2.97E-03	1.71E-05	1.71E-05	2.97E-03	6.77E-04	6.91E-04	6.91E-02
1227	372743	3757517	Fenceline	4.73E-03	6.92E-04	1.40E-02	1.49E-02	6.42E-04	7.74E-04	6.56E-04	3.13E-02	2.61E-02	2.98E-03	5.74E-03	4.63E-03	2.75E-05	7.88E-03	2.48E-03	1.43					

**Table 2-3.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2024 With Project v. 2024 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(ug/m <sup>3</sup> )																			
1261	371343	3757377	Fenceline	6.00E-03	9.00E-04	1.82E-02	1.90E-02	8.35E-04	9.77E-04	8.51E-04	4.06E-02	3.39E-02	3.87E-03	7.45E-03	6.31E-03	3.75E-05	1.04E-02	1.12E-02	3.39E-03	1.95E-05	7.00E-04	7.72E-04	7.82E-02
1262	371208	3757297	Fenceline	7.09E-03	1.01E-03	2.04E-02	2.20E-02	9.34E-04	1.17E-03	9.54E-04	4.55E-02	3.79E-02	4.33E-03	8.34E-03	6.50E-03	3.86E-05	1.13E-02	1.16E-02	3.49E-03	2.01E-05	7.24E-04	7.95E-04	8.39E-02
1263	370960	3757296	Fenceline	5.78E-03	7.96E-04	1.62E-02	1.78E-02	7.40E-04	9.59E-04	5.77E-04	3.61E-02	3.00E-02	3.43E-03	6.61E-03	4.99E-03	2.97E-05	8.83E-03	2.68E-03	1.55E-05	5.57E-04	6.11E-04	6.55E-02	
1264	370961	3757214	Fenceline	6.66E-03	1.28E-03	2.54E-02	2.33E-02	1.18E-03	1.01E-03	1.20E-03	5.75E-02	4.79E-02	5.54E-03	1.05E-02	7.54E-03	4.48E-05	1.40E-02	1.34E-02	4.06E-03	2.33E-05	8.46E-04	9.22E-04	1.03E-01
1265	370962	3757132	Fenceline	5.40E-03	8.29E-04	1.67E-02	1.73E-02	7.68E-04	8.75E-04	7.83E-04	3.74E-02	3.12E-02	3.56E-03	6.86E-03	5.36E-03	3.18E-05	9.34E-03	2.98E-03	1.66E-05	5.97E-04	6.55E-04	6.94E-02	
1266	370962	3757049	Fenceline	5.08E-03	7.41E-04	1.50E-02	1.59E-02	6.87E-04	8.31E-04	7.01E-04	3.35E-02	2.79E-02	3.19E-03	6.14E-03	4.69E-03	2.78E-05	8.27E-03	8.34E-03	2.52E-03	1.45E-05	5.23E-04	5.73E-04	6.13E-02
1267	371062	3756965	Fenceline	6.77E-03	1.13E-03	2.26E-02	2.24E-02	1.04E-03	1.07E-03	1.06E-03	5.08E-02	4.24E-02	4.83E-03	9.31E-03	7.62E-03	4.52E-05	1.30E-02	1.36E-02	4.09E-03	2.36E-05	8.47E-04	9.32E-04	9.66E-02
1268	371160	3756964	Fenceline	6.20E-03	9.84E-04	1.98E-02	2.01E-02	9.11E-04	9.96E-04	9.27E-04	4.44E-02	3.70E-02	4.22E-03	8.13E-03	6.77E-03	4.02E-05	1.14E-02	1.20E-02	3.63E-03	2.09E-05	7.51E-04	8.27E-04	8.49E-02
1269	371258	3756962	Fenceline	5.39E-03	6.33E-04	1.31E-02	1.57E-02	5.92E-04	9.23E-04	6.08E-04	2.88E-02	2.40E-02	2.75E-03	5.29E-03	4.26E-03	2.53E-05	7.20E-03	7.57E-03	2.28E-03	1.32E-05	4.47E-04	5.20E-04	5.37E-02
1270	371357	3756961	Fenceline	5.46E-03	5.84E-04	1.22E-02	1.55E-02	5.48E-04	9.50E-04	5.66E-04	2.67E-02	2.22E-02	2.55E-03	4.91E-03	4.05E-03	2.40E-05	6.70E-03	7.19E-03	2.17E-03	1.25E-05	4.48E-04	4.95E-04	5.02E-02
1271	371455	3756959	Fenceline	5.66E-03	7.07E-04	1.46E-02	1.73E-02	6.60E-04	9.99E-04	6.78E-04	3.22E-02	2.68E-02	3.07E-03	5.90E-03	5.14E-03	3.05E-05	8.29E-03	9.14E-03	2.76E-03	1.59E-05	5.68E-04	6.28E-04	6.23E-02
1272	371554	3756958	Fenceline	5.30E-03	5.92E-04	1.23E-02	1.52E-02	5.55E-04	9.14E-04	5.71E-04	2.70E-02	2.25E-02	2.58E-03	4.96E-03	4.01E-03	2.38E-05	6.73E-03	7.13E-03	2.15E-03	1.24E-05	4.45E-04	4.90E-04	5.03E-02
1273	371652	3756956	Fenceline	5.02E-03	5.69E-04	1.18E-02	1.45E-02	5.33E-04	8.63E-04	5.48E-04	2.60E-02	2.16E-02	2.48E-03	4.77E-03	3.76E-03	2.23E-05	6.41E-03	6.68E-03	2.02E-03	1.16E-05	4.18E-04	4.59E-04	4.78E-02
1274	371751	3756955	Fenceline	4.74E-03	5.07E-04	1.06E-02	1.34E-02	4.75E-04	8.24E-04	4.90E-04	2.32E-02	1.93E-02	2.21E-03	4.25E-03	3.14E-03	1.86E-05	5.56E-03	5.58E-03	1.69E-03	9.72E-06	3.50E-04	3.84E-04	4.12E-02
1275	371849	3756953	Fenceline	5.52E-03	5.55E-04	1.17E-02	1.54E-02	5.22E-04	9.69E-04	5.40E-04	2.54E-02	2.11E-02	2.43E-03	4.67E-03	3.54E-03	2.10E-05	6.14E-03	6.30E-03	1.90E-03	1.10E-05	3.94E-04	4.33E-04	4.57E-02
1276	371948	3756952	Fenceline	6.53E-03	5.28E-04	1.15E-02	1.72E-02	5.02E-04	1.18E-03	5.24E-04	2.45E-02	2.03E-02	2.35E-03	4.50E-03	3.12E-03	1.85E-05	5.64E-03	5.54E-03	1.67E-03	9.67E-06	3.49E-04	3.81E-04	4.17E-02
1277	372046	3756950	Fenceline	7.42E-03	5.51E-04	1.22E-02	1.92E-02	5.26E-04	1.35E-03	5.52E-04	2.56E-02	2.13E-02	2.47E-03	4.72E-03	3.16E-03	1.88E-05	5.80E-03	5.62E-03	1.70E-03	9.81E-06	3.54E-04	3.86E-04	4.28E-02
1278	372144	3756949	Fenceline	7.81E-03	5.74E-04	1.27E-02	2.01E-02	5.49E-04	1.42E-03	5.75E-04	2.67E-02	2.22E-02	2.57E-03	4.92E-03	3.31E-03	1.96E-05	6.05E-03	5.88E-03	1.78E-03	1.03E-05	3.70E-04	4.04E-04	4.47E-02
1279	372243	3756947	Fenceline	7.61E-03	5.92E-04	1.30E-02	1.99E-02	5.64E-04	1.38E-03	5.90E-04	2.75E-02	2.28E-02	2.64E-03	5.05E-03	3.43E-03	2.04E-05	6.26E-03	6.10E-03	1.84E-03	1.06E-05	3.84E-04	4.19E-04	4.63E-02
1280	372341	3756946	Fenceline	6.71E-03	5.95E-04	1.28E-02	1.81E-02	5.63E-04	1.20E-03	5.85E-04	2.74E-02	2.28E-02	2.63E-03	5.04E-03	3.49E-03	2.07E-05	6.35E-03	6.20E-03	1.87E-03	1.08E-05	3.90E-04	4.26E-04	4.70E-02
1281	372440	3756944	Fenceline	7.41E-03	6.04E-04	1.31E-02	1.96E-02	5.74E-04	1.34E-03	5.98E-04	2.79E-02	2.32E-02	2.68E-03	5.14E-03	3.51E-03	2.08E-05	6.40E-03	6.23E-03	1.88E-03	1.09E-05	3.93E-04	4.28E-04	4.73E-02
1282	372538	3756943	Fenceline	7.80E-03	6.09E-04	1.33E-02	2.04E-02	5.80E-04	1.41E-03	6.07E-04	2.83E-02	2.35E-02	2.72E-03	5.20E-03	3.74E-03	2.22E-05	6.58E-03	6.64E-03	2.01E-03	1.16E-05	4.17E-04	4.57E-04	4.89E-02
1283	372635	3756847	Fenceline	7.41E-03	4.82E-04	1.09E-02	1.86E-02	4.64E-04	1.37E-03	4.90E-04	2.26E-02	1.87E-02	2.18E-03	4.16E-03	2.93E-03	1.74E-05	5.14E-03	5.20E-03	1.57E-03	9.09E-06	3.26E-04	3.58E-04	3.82E-02
1284	372695	3756752	Fenceline	7.31E-03	4.13E-04	9.59E-03	1.79E-02	4.02E-04	1.37E-03	4.28E-04	1.96E-02	1.62E-02	1.89E-03	3.61E-03	2.41E-03	1.43E-05	4.31E-03	4.28E-03	1.29E-03	7.49E-06	2.69E-04	2.94E-04	3.19E-02
1285	372731	3756679	Fenceline	7.00E-03	3.87E-04	9.03E-03	1.70E-02	3.77E-04	1.31E-03	4.02E-04	1.84E-02	1.52E-02	1.78E-03	3.39E-03	2.28E-03	1.35E-05	4.04E-03	4.04E-03	1.22E-03	7.07E-06	2.54E-04	2.78E-04	3.00E-02
1286	372725	3756605	Fenceline	8.14E-03	3.48E-04	8.62E-03	1.90E-02	3.46E-04	1.55E-03	3.77E-04	1.69E-02	1.39E-02	1.65E-03	3.13E-03	1.91E-03	1.13E-05	3.48E-03	3.38E-03	1.02E-03	5.95E-06	2.13E-04	2.32E-04	2.57E-02
1287	372823	3756605	Fenceline	6.72E-03	3.60E-04	8.45E-03	1.63E-02	3.51E-04	1.26E-03	3.75E-04	1.71E-02	1.42E-02	1.66E-03	3.16E-03	2.09E-03	1.24E-05	3.74E-03	3.70E-03	1.12E-03	6.49E-06	2.33E-04	2.54E-04	2.77E-02
1288	373004	3756435	Fenceline	5.94E-03	3.49E-04	8.03E-03	1.46E-02	3.38E-04	1.11E-03	3.59E-04	1.65E-02	1.36E-02	1.59E-03	3.04E-03	2.02E-03	1.19E-05	3.64E-03	3.58E-03	1.08E-03	6.27E-06	2.25E-04	2.46E-04	2.70E-02
1289	373089	3756434	Fenceline	5.88E-03	3.72E-04	8.44E-03	1.47E-02	3.59E-04	1.09E-03	3.79E-04	1.75E-02	1.45E-02	1.69E-03	3.22E-03	2.08E-03	1.23E-05	3.86E-03	3.68E-03	1.11E-03	6.46E-06	2.32E-04	2.53E-04	2.84E-02
1290	373174	3756433	Fenceline	5.73E-03	4.06E-04	9.04E-03	1.46E-02	3.89E-04	1.05E-03	4.09E-04	1.90E-02	1.57E-02	1.83E-03	3.49E-03	2.16E-03	1.28E-05	4.17E-03	3.84E-03	1.16E-03	6.72E-06	2.43E-04	2.64E-04	3.06E-02
1291	373317	3756432	Fenceline	5.43E-03	5.14E-04	1.09E-02	1.49E-02	4.85E-04	9.61E-04	5.03E-04	2.36E-02	1.96E-02	2.26E-03	4.34E-03	2.40E-03	1.42E-05	5.12E-03	4.27E-03	1.30E-03	7.46E-06	2.74E-04	2.93E-04	3.71E-02
1292	373374	3756379	Fenceline	5.47E-03	5.86E-04	1.23E-02	1.55E-02	5.50E-04	9.50E-04	5.67E-04	2.68E-02	2.23E-02	2.56E-03	4.92E-03	2.67E-03	1.58E-05	5.82E-03	4.75E-03	1.44E-03	8.28E-06	3.05E-04	3.26E-04	4.21E-02
1293	373371	3756205	Fenceline	6.49E-03	5.77E-04	1.24E-02	1.75E-02	5.46E-04	1.16E-03	5.68E-04	2.66E-02	2.21E-02	2.55E-03	4.89E-03	2.49E-03	1.48E-05	5.60E-03	4.43E-03	1.35E-03	7.75E-06	2.86E-04	3.04E-04	4.04E-02
1294	373369	3756115	Fenceline	6.93E-03	5.86E-04	1.27E-02	1.84E-02	5.56E-04	1.24E-03	5.79E-04	2.71E-02	2.25E-02	2.60E-03	4.98E-03	2.54E-03	1.51E-05	5.68E-03	4.52E-03	1.37E-03	7.90E-06	2.91E-04	3.10E-04	4.10E-02
1295	373368	3756025	Fenceline	8.35E-03	6.27E-04	1.38E-02	2.16E-02	5.99E-04	1.52E-03	6.27E-04	2.92E-02	2.42E-02	2.80E-03	5.37E-03	2.17E-03	1.28E-05	5.69E-03	3.86E-03	1.17E-03	6.77E-06	2.55E-04	2.64E-04	4.04E-02
1296	373367	3755936	Fenceline	9.14E-03	6.50E-04	1.45E-02	2.34E-02	6.23E-04	1.67E-03	6.54E-04	3.03E-02	2.52E-02	2.92E-03	5.59E-03	2.02E-03	1.19E-05	5.74E-03	3.58E-03	1.09E-03	6.30E-06	2.40E-04	2.45E-04	4.04E-02
1297	373365	3755846	Fenceline	9.79E-03	6.64E-04	1.49E-02	2.48E-02	6.37E-04	1.80E-03	6.71E-04	3.10E-02	2.57E-02	2.99E-03	5.72E-03	1.92E-03	1.13E-05	5.75E-03	3.40E-03	1.04E-03	6.00E-06	2.30E-04	2.33E-04	4.03E-02
1298	373288	3755757	Fenceline	1.20E-02	4.57E-04	1.17E-02	2.76E-02	4.60E-04	2.30E-03	5.05E-04	2.24E-02	1.85E-02	2.20E-03	4.16E-03	1.87E-03	1.10E-05	4.14E-03	3.30E-03	1.00E-03	5.88E-06	2.13E-04	2.27E-04	2.99E-02
1299	373213	3755758	Fenceline	1.38E-02	4.17E-04	1.14E-02	3.09E-02	4.32E-04	2.67E-03	4.84E-04</													

Table 2-3.1

Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2024 With Project v. 2024 Without Project Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(ug/m <sup>3</sup> )																			
1331	369912	3755456	Fenceline	1.72E-03	1.27E-04	2.81E-03	4.43E-03	1.22E-04	3.13E-04	1.28E-04	9.93E-03	4.92E-03	5.70E-04	1.09E-03	7.42E-04	4.40E-06	1.35E-03	1.32E-03	3.98E-04	2.30E-06	8.30E-05	9.06E-05	9.97E-03
1332	369815	3755458	Fenceline	1.64E-03	1.26E-04	2.76E-03	4.27E-03	1.20E-04	2.99E-04	1.25E-04	5.83E-03	4.84E-03	5.60E-04	1.07E-03	7.29E-04	4.33E-06	1.33E-03	1.30E-03	3.92E-04	2.26E-06	8.16E-05	8.91E-05	9.82E-03
1333	369718	3755459	Fenceline	1.57E-03	1.24E-04	2.70E-03	4.11E-03	1.18E-04	2.85E-04	1.23E-04	5.73E-03	4.76E-03	5.50E-04	1.05E-03	7.16E-04	4.25E-06	1.31E-03	1.27E-03	3.85E-04	2.22E-06	8.01E-05	8.74E-05	9.67E-03
1334	369621	3755460	Fenceline	1.51E-03	1.22E-04	2.66E-03	3.98E-03	1.16E-04	2.73E-04	1.21E-04	5.65E-03	4.69E-03	5.42E-04	1.04E-03	7.04E-04	4.18E-06	1.29E-03	1.25E-03	3.78E-04	2.18E-06	7.89E-05	8.60E-05	9.53E-03
1335	369524	3755462	Fenceline	1.45E-03	1.20E-04	2.61E-03	3.85E-03	1.14E-04	2.61E-04	1.19E-04	5.57E-03	4.63E-03	5.35E-04	1.02E-03	6.96E-04	4.13E-06	1.28E-03	1.24E-03	3.74E-04	2.16E-06	7.79E-05	8.50E-05	9.43E-03
1336	369427	3755463	Fenceline	1.40E-03	1.19E-04	2.57E-03	3.73E-03	1.13E-04	2.50E-04	1.18E-04	5.50E-03	4.57E-03	5.28E-04	1.01E-03	6.89E-04	4.09E-06	1.27E-03	1.23E-03	3.71E-04	2.14E-06	7.73E-05	8.43E-05	9.35E-03
1337	369330	3755465	Fenceline	1.34E-03	1.18E-04	2.53E-03	3.60E-03	1.11E-04	2.40E-04	1.16E-04	5.43E-03	4.51E-03	5.20E-04	9.98E-04	6.86E-04	4.07E-06	1.25E-03	1.22E-03	3.68E-04	2.13E-06	7.68E-05	8.38E-05	9.26E-03
1338	369141	3755467	Fenceline	1.24E-03	1.13E-04	2.41E-03	3.37E-03	1.07E-04	2.21E-04	1.11E-04	5.19E-03	4.31E-03	4.97E-04	9.54E-04	6.66E-04	3.95E-06	1.21E-03	1.18E-03	3.58E-04	2.06E-06	7.45E-05	8.14E-05	8.94E-03
1339	369048	3755469	Fenceline	1.19E-03	1.09E-04	2.32E-03	3.24E-03	1.03E-04	2.12E-04	1.06E-04	5.00E-03	4.15E-03	4.79E-04	9.19E-04	6.44E-04	3.82E-06	1.17E-03	1.14E-03	3.46E-04	2.00E-06	7.20E-05	7.87E-05	8.62E-03
1340	368956	3755470	Fenceline	1.14E-03	1.03E-04	2.21E-03	3.09E-03	9.74E-05	2.04E-04	1.01E-04	4.74E-03	3.94E-03	4.55E-04	8.72E-04	6.12E-04	3.63E-06	1.11E-03	1.09E-03	3.29E-04	1.90E-06	6.84E-05	7.47E-05	8.18E-03
1341	368864	3755471	Fenceline	1.09E-03	9.64E-05	2.07E-03	2.94E-03	9.12E-05	1.95E-04	9.48E-05	4.44E-03	3.69E-03	4.26E-04	8.17E-04	5.93E-04	3.52E-06	1.05E-03	1.05E-03	3.18E-04	1.84E-06	6.61E-05	7.24E-05	7.77E-03
1342	368771	3755472	Fenceline	1.08E-03	9.27E-05	2.16E-03	4.09E-03	9.03E-05	3.15E-04	9.64E-05	4.40E-03	3.64E-03	4.26E-04	8.12E-04	5.85E-04	3.47E-06	9.96E-04	1.04E-03	3.13E-04	1.82E-06	6.49E-05	7.14E-05	7.47E-03
1343	368679	3755473	Fenceline	1.00E-03	8.62E-05	1.86E-03	2.68E-03	8.17E-05	1.80E-04	8.50E-05	3.98E-03	3.31E-03	3.81E-04	7.32E-04	5.83E-04	3.46E-06	9.70E-04	1.04E-03	3.13E-04	1.81E-06	6.46E-05	7.12E-05	7.26E-03
1344	368587	3755474	Fenceline	1.02E-03	8.66E-05	1.87E-03	2.73E-03	8.21E-05	1.84E-04	8.55E-05	4.00E-03	3.32E-03	3.84E-04	7.36E-04	5.90E-04	3.50E-06	9.77E-04	1.05E-03	3.16E-04	1.83E-06	6.53E-05	7.20E-05	7.31E-03
1345	368495	3755476	Fenceline	1.00E-03	8.74E-05	1.88E-03	2.68E-03	8.27E-05	1.79E-04	8.60E-05	4.03E-03	3.35E-03	3.86E-04	7.41E-04	5.99E-04	3.55E-06	9.90E-04	1.06E-03	3.21E-04	1.86E-06	6.63E-05	7.32E-05	7.41E-03
1346	368402	3755477	Fenceline	9.75E-04	8.79E-05	1.88E-03	2.64E-03	8.31E-05	1.74E-04	8.63E-05	4.05E-03	3.36E-03	3.88E-04	7.44E-04	6.07E-04	3.60E-06	1.00E-03	1.08E-03	3.26E-04	1.88E-06	6.72E-05	7.42E-05	7.49E-03
1347	368310	3755478	Fenceline	9.51E-04	8.80E-05	1.88E-03	2.59E-03	8.31E-05	1.69E-04	8.62E-05	4.05E-03	3.36E-03	3.88E-04	7.44E-04	6.13E-04	3.63E-06	1.00E-03	1.09E-03	3.28E-04	1.90E-06	6.78E-05	7.49E-05	7.53E-03
1348	368069	3755481	Fenceline	8.61E-04	8.72E-05	1.84E-03	2.40E-03	8.20E-05	1.51E-04	8.47E-05	3.99E-03	3.32E-03	3.82E-04	7.34E-04	6.06E-04	3.60E-06	9.98E-04	1.08E-03	3.25E-04	1.88E-06	6.71E-05	7.41E-05	7.47E-03
1349	368002	3755480	Fenceline	8.91E-04	8.56E-05	1.82E-03	2.45E-03	8.07E-05	1.57E-04	8.36E-05	3.93E-03	3.27E-03	3.76E-04	7.22E-04	5.97E-04	3.54E-06	9.79E-04	1.06E-03	3.20E-04	1.85E-06	6.61E-05	7.30E-05	7.34E-03
1350	367874	3755433	Fenceline	1.35E-03	9.01E-05	2.03E-03	3.41E-03	8.66E-05	2.49E-04	9.13E-05	4.22E-03	3.50E-03	4.06E-04	7.77E-04	6.06E-04	3.59E-06	1.00E-03	1.08E-03	3.25E-04	1.88E-06	6.71E-05	7.40E-05	7.50E-03
1351	367727	3755428	Fenceline	8.43E-04	8.36E-05	1.77E-03	2.34E-03	7.87E-05	1.48E-04	8.14E-05	3.83E-03	3.19E-03	3.67E-04	7.04E-04	5.91E-04	3.51E-06	9.63E-04	1.05E-03	3.17E-04	1.83E-06	6.54E-05	7.23E-05	7.22E-03
1352	367640	3755429	Fenceline	8.24E-04	8.31E-05	1.75E-03	2.30E-03	7.82E-05	1.44E-04	8.08E-05	3.81E-03	3.17E-03	3.64E-04	7.00E-04	5.83E-04	3.46E-06	9.55E-04	1.04E-03	3.13E-04	1.80E-06	6.45E-05	7.13E-05	7.16E-03
1353	367552	3755430	Fenceline	8.10E-04	8.46E-05	1.78E-03	2.28E-03	7.95E-05	1.41E-04	8.21E-05	3.87E-03	3.22E-03	3.70E-04	7.11E-04	5.69E-04	3.37E-06	9.58E-04	1.01E-03	3.05E-04	1.76E-06	6.31E-05	6.95E-05	7.15E-03
1354	367465	3755431	Fenceline	7.98E-04	8.61E-05	1.80E-03	2.27E-03	8.07E-05	1.39E-04	8.32E-05	3.93E-03	3.27E-03	3.76E-04	7.22E-04	5.50E-04	3.26E-06	9.56E-04	9.77E-04	2.95E-04	1.70E-06	6.12E-05	6.72E-05	7.10E-03
1355	367339	3755520	Fenceline	7.91E-04	9.41E-05	1.95E-03	2.32E-03	8.79E-05	1.35E-04	9.03E-05	4.28E-03	3.57E-03	4.09E-04	7.86E-04	5.74E-04	3.41E-06	1.03E-03	1.02E-03	3.08E-04	1.78E-06	6.41E-05	7.01E-05	7.63E-03
1356	367300	3755609	Fenceline	8.50E-04	9.91E-05	2.06E-03	2.48E-03	9.27E-05	1.46E-04	9.53E-05	4.52E-03	3.78E-03	4.31E-04	8.29E-04	6.13E-04	3.64E-06	1.09E-03	1.09E-03	3.29E-04	1.90E-06	6.85E-05	7.49E-05	8.08E-03
1357	367262	3755697	Fenceline	9.05E-04	1.01E-04	2.10E-03	2.60E-03	9.43E-05	1.56E-04	9.71E-05	4.59E-03	3.82E-03	4.38E-04	8.43E-04	6.26E-04	3.71E-06	1.11E-03	1.11E-03	3.36E-04	1.94E-06	6.98E-05	7.65E-05	8.21E-03
1358	367223	3755786	Fenceline	9.37E-04	9.78E-05	2.06E-03	2.64E-03	9.19E-05	1.64E-04	9.48E-05	4.47E-03	3.72E-03	4.28E-04	8.24E-04	6.06E-04	3.60E-06	1.07E-03	1.08E-03	3.26E-04	1.88E-06	6.76E-05	7.41E-05	7.96E-03
1359	367184	3755874	Fenceline	9.79E-04	1.03E-04	2.17E-03	2.77E-03	9.70E-05	1.71E-04	1.00E-04	4.72E-03	3.93E-03	4.51E-04	8.67E-04	6.31E-04	3.74E-06	1.13E-03	1.12E-03	3.39E-04	1.95E-06	7.05E-05	7.71E-05	8.35E-03
1360	367145	3755963	Fenceline	1.00E-03	1.08E-04	2.25E-03	2.85E-03	1.01E-04	1.74E-04	1.04E-04	4.92E-03	4.09E-03	4.70E-04	9.03E-04	6.68E-04	3.96E-06	1.18E-03	1.19E-03	3.59E-04	2.07E-06	7.45E-05	8.16E-05	8.77E-03
1361	367107	3756051	Fenceline	1.00E-03	1.07E-04	2.24E-03	2.84E-03	1.00E-04	1.74E-04	1.04E-04	4.89E-03	4.07E-03	4.68E-04	8.99E-04	6.68E-04	3.97E-06	1.18E-03	1.19E-03	3.59E-04	2.07E-06	7.45E-05	8.17E-05	8.74E-03
1362	367068	3756140	Fenceline	9.77E-04	1.03E-04	2.17E-03	2.76E-03	9.70E-05	1.70E-04	1.00E-04	4.73E-03	3.93E-03	4.52E-04	8.68E-04	6.40E-04	3.80E-06	1.13E-03	1.14E-03	3.44E-04	1.98E-06	7.15E-05	7.83E-05	8.41E-03
1363	367029	3756229	Fenceline	9.56E-04	1.05E-04	2.20E-03	2.74E-03	9.88E-05	1.65E-04	1.02E-04	4.81E-03	4.00E-03	4.60E-04	8.84E-04	6.63E-04	3.93E-06	1.16E-03	1.18E-03	3.56E-04	2.05E-06	7.39E-05	8.10E-05	8.64E-03
1364	366991	3756317	Fenceline	9.21E-04	1.05E-04	2.19E-03	2.66E-03	9.85E-05	1.58E-04	1.01E-04	4.80E-03	3.99E-03	4.58E-04	8.80E-04	6.63E-04	3.94E-06	1.16E-03	1.18E-03	3.56E-04	2.05E-06	7.39E-05	8.11E-05	8.64E-03
1365	366952	3756406	Fenceline	8.72E-04	1.02E-04	2.12E-03	2.55E-03	9.58E-05	1.49E-04	9.85E-05	4.67E-03	3.88E-03	4.45E-04	8.57E-04	6.49E-04	3.85E-06	1.14E-03	1.15E-03	3.49E-04	2.01E-06	7.23E-05	7.93E-05	8.44E-03
1366	366913	3756494	Fenceline	8.09E-04	9.57E-05	1.98E-03	2.37E-03	8.94E-05	1.38E-04	9.19E-05	4.36E-03	3.63E-03	4.16E-04	7.99E-04	6.02E-04	3.57E-06	1.06E-03	1.07E-03	3.24E-04	1.86E-06	6.72E-05	7.36E-05	7.86E-03
1367	366875	3756583	Fenceline	7.55E-04	9.13E-05	1.89E-03	2.22E-03	8.52E-05	1.28E-04	8.75E-05	4.15E-03	3.46E-03	3.96E-04	7.62E-04	6.42E-04	3.81E-06	1.06E-03	1.14E-03	3.45E-04	1.99E-06	7.11E-05	7.85E-05	7.91E-03
1368	366836	3756671	Fenceline	7.78E-04	9.02E-05	1.87E-03	2.26E-03	8.43E-05	1.33E-04	8.67E-05	4.11E-03	3.42E-03	3.92E-04	7.54E-04	6.61E-04	3.92E-06	1.06E-03	1.17E-03	3.54E-04	2.04E-06	7.30E-05	8.05E-05	7.96E-03
1369	366797	3756760	Fenceline	7.84E-04	8.53E-05	1.78E-03	2																

Table 2-3.1

Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2024 With Project v. 2024 Without Project Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(ug/m <sup>3</sup> )																			
1401	369549	3758583	Fenceline	3.62E-03	1.78E-04	4.26E-03	8.63E-03	1.75E-04	6.83E-04	1.88E-04	8.52E-03	7.04E-03	8.27E-04	1.58E-03	9.72E-04	5.76E-06	1.79E-03	1.72E-03	5.21E-04	3.03E-06	1.09E-04	1.18E-04	1.32E-02
1402	369630	3758582	Residential	3.67E-03	1.93E-04	4.54E-03	8.85E-03	1.88E-04	6.89E-04	2.02E-04	9.18E-03	7.59E-03	8.90E-04	1.70E-03	1.01E-03	5.98E-06	1.92E-03	1.79E-03	5.42E-04	3.14E-06	1.13E-04	1.23E-04	1.41E-02
1403	369710	3758581	Fenceline	3.51E-03	1.92E-04	4.49E-03	8.52E-03	1.87E-04	6.57E-04	2.00E-04	9.13E-03	7.56E-03	8.84E-04	1.69E-03	1.01E-03	5.97E-06	1.93E-03	1.79E-03	5.41E-04	3.13E-06	1.13E-04	1.23E-04	1.42E-02
1404	369789	3758489	Fenceline	3.35E-03	1.71E-04	4.06E-03	8.04E-03	1.68E-04	6.30E-04	1.80E-04	8.17E-03	6.75E-03	7.92E-04	1.51E-03	8.87E-04	5.25E-06	1.70E-03	1.57E-03	4.76E-04	2.76E-06	9.96E-05	1.08E-04	1.25E-02
1405	369788	3758398	Fenceline	3.32E-03	1.61E-04	3.86E-03	7.90E-03	1.58E-04	6.26E-04	1.71E-04	7.72E-03	6.38E-03	7.50E-04	1.43E-03	8.66E-04	5.13E-06	1.62E-03	1.54E-03	4.64E-04	2.70E-06	9.70E-05	1.06E-04	1.19E-02
1406	371540	3757096	Fenceline	6.63E-03	1.15E-03	2.30E-02	2.23E-02	1.06E-03	1.04E-03	1.08E-03	5.17E-02	4.31E-02	4.91E-03	9.47E-03	7.86E-03	4.67E-05	1.32E-02	1.40E-02	4.22E-03	2.43E-05	8.73E-04	9.61E-04	9.89E-02
1407	371614	3757093	Fenceline	6.38E-03	1.11E-03	2.22E-02	2.14E-02	1.03E-03	9.99E-04	1.04E-03	4.99E-02	4.16E-02	4.75E-03	9.15E-03	7.42E-03	4.41E-05	1.27E-02	1.32E-02	3.99E-03	2.29E-05	8.26E-04	9.08E-04	9.45E-02
1408	371277	3757277	Fenceline	8.35E-03	1.27E-03	2.57E-02	2.66E-02	1.18E-03	1.35E-03	1.20E-03	5.74E-02	4.78E-02	5.46E-03	1.05E-02	8.36E-03	4.96E-05	1.44E-02	1.49E-02	4.49E-03	2.59E-05	9.30E-04	1.02E-03	1.07E-01
1409	371360	3757346	Fenceline	6.68E-03	1.09E-03	2.19E-02	2.23E-02	1.01E-03	1.11E-03	1.02E-03	4.90E-02	4.08E-02	4.66E-03	8.97E-03	7.67E-03	4.55E-05	1.26E-02	1.36E-02	4.11E-03	2.37E-05	8.49E-04	9.38E-04	9.47E-02
1410	371440	3757345	Fenceline	5.79E-03	9.17E-04	1.85E-02	1.88E-02	8.49E-04	9.30E-04	8.65E-04	4.14E-02	3.45E-02	3.93E-03	7.58E-03	6.53E-03	3.88E-05	1.07E-02	1.16E-02	3.50E-03	2.02E-05	7.23E-04	7.98E-04	8.03E-02
1411	371521	3757344	Fenceline	5.68E-03	8.65E-04	1.75E-02	1.81E-02	8.02E-04	9.22E-04	8.17E-04	3.90E-02	3.25E-02	3.71E-03	7.16E-03	5.97E-03	3.55E-05	9.98E-03	1.06E-02	3.21E-03	1.85E-05	6.63E-04	7.31E-04	7.46E-02
1412	371602	3757344	Fenceline	6.01E-03	8.03E-04	1.64E-02	1.83E-02	7.47E-04	1.00E-03	7.64E-04	3.64E-02	3.03E-02	3.47E-03	6.67E-03	5.34E-03	3.17E-05	9.10E-03	9.49E-03	2.87E-03	1.65E-05	5.93E-04	6.53E-04	6.78E-02
1413	371600	3757204	Fenceline	1.10E-02	2.21E-03	4.36E-02	3.92E-02	2.03E-03	1.64E-03	2.06E-03	9.90E-02	8.26E-02	9.40E-03	1.81E-02	1.36E-02	8.08E-05	2.45E-02	2.42E-02	7.31E-03	4.20E-05	1.52E-03	1.66E-03	1.82E-01
1414	371519	3757205	Fenceline	1.10E-02	2.24E-03	4.42E-02	3.96E-02	2.06E-03	1.64E-03	2.09E-03	1.00E-01	8.38E-02	9.53E-03	1.84E-02	1.49E-02	8.82E-05	2.56E-02	2.64E-02	7.98E-03	4.59E-05	1.65E-03	1.82E-03	1.90E-01
1415	371438	3757206	Fenceline	9.70E-03	2.01E-03	3.96E-02	3.51E-02	1.85E-03	1.44E-03	1.87E-03	9.00E-02	7.51E-02	8.54E-03	1.65E-02	1.24E-02	7.34E-05	2.23E-02	2.20E-02	6.65E-03	3.82E-05	1.38E-03	1.51E-03	1.65E-01
1416	371357	3757207	Fenceline	1.09E-02	2.27E-03	4.48E-02	3.96E-02	2.09E-03	1.62E-03	2.11E-03	1.02E-01	8.49E-02	9.65E-03	1.86E-02	1.36E-02	8.10E-05	2.50E-02	2.43E-02	7.34E-03	4.21E-05	1.53E-03	1.67E-03	1.85E-01
1417	371866	3757363	Fenceline	7.80E-03	6.74E-04	1.45E-02	2.09E-02	6.39E-04	1.40E-03	6.65E-04	3.11E-02	2.59E-02	2.98E-03	5.72E-03	4.19E-03	2.49E-05	7.35E-03	7.46E-03	2.25E-03	1.30E-05	4.67E-04	5.13E-04	5.46E-02
1418	372152	3757362	Commercial	7.48E-03	6.54E-04	1.41E-02	2.01E-02	6.19E-04	1.34E-03	6.44E-04	3.02E-02	2.51E-02	2.89E-03	5.55E-03	3.91E-03	2.32E-05	7.03E-03	6.95E-03	2.10E-03	1.21E-05	4.37E-04	4.78E-04	5.20E-02
1419	372008	3757424	Fenceline	7.19E-03	5.82E-04	1.27E-02	1.89E-02	5.53E-04	1.30E-03	5.77E-04	2.70E-02	2.24E-02	2.59E-03	4.96E-03	3.65E-03	2.17E-05	6.35E-03	6.49E-03	1.96E-03	1.13E-05	4.07E-04	4.46E-04	4.72E-02
1420	371952	3757502	Fenceline	6.21E-03	4.56E-04	1.01E-02	1.60E-02	4.36E-04	1.13E-03	4.57E-04	2.12E-02	1.76E-02	2.04E-03	3.91E-03	2.82E-03	1.68E-05	4.93E-03	5.02E-03	1.52E-03	8.76E-06	3.14E-04	3.45E-04	3.66E-02
1421	371954	3757578	Fenceline	5.35E-03	3.64E-04	8.15E-03	1.36E-02	3.49E-04	9.84E-04	3.68E-04	1.70E-02	1.41E-02	1.64E-03	3.14E-03	2.22E-03	1.32E-05	3.90E-03	3.94E-03	1.19E-03	6.88E-06	2.47E-04	2.71E-04	2.89E-02
1422	372098	3757755	Fenceline	3.87E-03	3.00E-04	6.57E-03	1.01E-02	2.86E-04	7.03E-04	2.99E-04	1.39E-02	1.16E-02	1.34E-03	2.56E-03	1.78E-03	1.05E-05	3.20E-03	3.16E-03	9.54E-04	5.51E-06	1.98E-04	2.17E-04	2.37E-02
1423	372162	3757676	Fenceline	4.16E-03	3.21E-04	7.05E-03	1.08E-02	3.06E-04	7.56E-04	3.20E-04	1.49E-02	1.24E-02	1.43E-03	2.75E-03	1.91E-03	1.13E-05	3.43E-03	3.39E-03	1.02E-03	5.91E-06	2.13E-04	2.33E-04	2.54E-02
1424	372159	3757597	Fenceline	4.61E-03	3.67E-04	8.00E-03	1.21E-02	3.49E-04	8.33E-04	3.64E-04	1.70E-02	1.41E-02	1.63E-03	3.13E-03	2.28E-03	1.35E-05	3.99E-03	4.05E-03	1.22E-03	7.07E-06	2.54E-04	2.79E-04	2.96E-02
1425	372157	3757518	Fenceline	5.21E-03	4.42E-04	9.55E-03	1.39E-02	4.19E-04	9.34E-04	4.36E-04	2.04E-02	1.69E-02	1.96E-03	3.75E-03	2.76E-03	1.64E-05	4.82E-03	4.91E-03	1.48E-03	8.55E-06	3.08E-04	3.37E-04	3.58E-02
1426	373375	3757598	Residential	4.34E-03	8.25E-04	1.64E-02	1.51E-02	7.61E-04	6.61E-04	7.71E-04	3.70E-02	3.09E-02	3.52E-03	6.78E-03	4.65E-03	2.76E-05	8.88E-03	8.29E-03	2.51E-03	1.44E-05	5.24E-04	5.69E-04	6.52E-02
1427	373374	3757510	Fenceline	4.20E-03	7.38E-04	1.47E-02	1.42E-02	6.81E-04	6.57E-04	6.92E-04	3.32E-02	2.77E-02	3.15E-03	6.08E-03	4.18E-03	2.48E-05	7.94E-03	7.44E-03	2.25E-03	1.29E-05	4.70E-04	5.11E-04	5.83E-02
1428	373373	3757423	Residential	4.52E-03	8.04E-04	1.60E-02	1.53E-02	7.42E-04	7.02E-04	7.53E-04	3.61E-02	3.01E-02	3.43E-03	6.62E-03	4.38E-03	2.60E-05	8.55E-03	7.80E-03	2.36E-03	1.35E-05	4.95E-04	5.36E-04	6.26E-02
1429	373372	3757335	Fenceline	5.41E-03	1.07E-03	2.12E-02	1.92E-02	9.89E-04	8.12E-04	1.00E-03	4.82E-02	4.02E-02	4.57E-03	8.82E-03	5.30E-03	3.15E-05	1.11E-02	9.45E-03	2.86E-03	1.64E-05	6.04E-04	6.49E-04	8.06E-02
1430	373371	3757247	Residential	7.75E-03	1.95E-03	3.80E-02	3.08E-02	1.79E-03	1.06E-03	1.80E-03	8.70E-02	7.26E-02	8.24E-03	1.59E-02	9.52E-03	5.65E-05	2.02E-02	1.70E-02	5.14E-03	2.94E-05	1.09E-03	1.16E-03	1.46E-01
1431	373370	3757160	Residential	9.86E-03	2.34E-03	4.58E-02	3.81E-02	2.15E-03	1.38E-03	2.17E-03	1.05E-01	8.74E-02	9.93E-03	1.92E-02	1.43E-02	8.47E-05	2.60E-02	2.54E-02	7.68E-03	4.41E-05	1.60E-03	1.75E-03	1.92E-01
1432	373303	3757073	Fenceline	5.50E-03	1.20E-03	2.36E-02	2.04E-02	1.10E-03	7.99E-04	1.11E-03	5.37E-02	4.48E-02	5.09E-03	9.83E-03	7.61E-03	4.52E-05	1.35E-02	1.35E-02	4.09E-03	2.35E-05	8.50E-04	9.31E-04	1.00E-01
1433	372948	3756972	Fenceline	5.98E-03	8.97E-04	1.81E-02	1.90E-02	8.32E-04	9.74E-04	8.48E-04	4.05E-02	3.38E-02	3.85E-03	7.42E-03	6.14E-03	3.64E-05	1.03E-02	1.09E-02	3.29E-03	1.90E-05	6.81E-04	7.50E-04	7.70E-02
1434	372768	3756974	Fenceline	6.20E-03	6.85E-04	1.43E-02	1.78E-02	6.42E-04	1.07E-03	6.61E-04	3.13E-02	2.60E-02	2.98E-03	5.74E-03	4.34E-03	2.58E-05	7.59E-03	7.72E-03	2.33E-03	1.34E-05	4.84E-04	5.31E-04	5.64E-02
1435	372631	3757128	Fenceline	9.36E-03	1.52E-03	3.06E-02	3.06E-02	1.41E-03	1.49E-03	1.43E-03	6.86E-02	5.72E-02	6.52E-03	1.26E-02	9.57E-03	5.68E-05	1.70E-02	1.70E-02	5.14E-03	2.96E-05	1.07E-03	1.17E-03	1.26E-01
1436	372840	3757746	Fenceline	4.24E-03	8.23E-04	1.63E-02	1.49E-02																

## Operation

2-4 2035 With Project vs. 2035 Without Project

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Location	acetaldehyde (ug/m <sup>3</sup> )	acrolein (ug/m <sup>3</sup> )	benzene (ug/m <sup>3</sup> )	formaldehyde (ug/m <sup>3</sup> )	methyl alcohol (ug/m <sup>3</sup> )	methyl ethyl ketone (ug/m <sup>3</sup> )	styrene (ug/m <sup>3</sup> )	toluene (ug/m <sup>3</sup> )	xylene, total (ug/m <sup>3</sup> )	1,3-Butadiene (ug/m <sup>3</sup> )	ethyl benzene (ug/m <sup>3</sup> )	ammonium (ug/m <sup>3</sup> )	arsenic (ug/m <sup>3</sup> )	chlorine (ug/m <sup>3</sup> )	copper (ug/m <sup>3</sup> )	manganese (ug/m <sup>3</sup> )	mercury (ug/m <sup>3</sup> )	nickel (ug/m <sup>3</sup> )	vanadium (ug/m <sup>3</sup> )	sulfates (ug/m <sup>3</sup> )
<b>Commercial - Onsite</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>	<b>769</b>
<b>Max Location</b>																				
Maximum Onsite Concentration-->	1.04E-02	5.42E-04	1.28E-02	2.50E-02	5.30E-04	1.95E-03	5.67E-04	2.58E-02	2.13E-02	2.50E-03	4.77E-03	6.85E-03	4.03E-05	8.67E-03	1.17E-02	3.59E-03	2.12E-05	7.16E-04	8.13E-04	6.72E-02
Average Onsite Concentration-->	7.08E-03	3.71E-04	8.75E-03	1.71E-02	3.63E-04	1.33E-03	3.88E-04	1.77E-02	1.46E-02	1.71E-03	3.26E-03	4.85E-03	2.86E-05	6.04E-03	8.32E-03	2.55E-03	1.50E-05	5.07E-04	5.76E-04	4.70E-02
Minimum Onsite Concentration-->	1.27E-03	8.69E-05	1.95E-03	3.23E-03	8.34E-05	2.34E-04	8.78E-05	4.06E-03	3.37E-03	3.91E-04	7.49E-04	1.17E-03	6.87E-06	1.45E-03	2.00E-03	6.13E-04	3.61E-06	1.22E-04	1.39E-04	1.13E-02
<b>Commercial - Offsite</b>	<b>115</b>	<b>133</b>	<b>133</b>	<b>115</b>	<b>133</b>	<b>115</b>	<b>133</b>	<b>133</b>	<b>133</b>	<b>133</b>	<b>133</b>	<b>131</b>	<b>131</b>	<b>133</b>	<b>131</b>	<b>131</b>	<b>131</b>	<b>131</b>	<b>131</b>	<b>133</b>
<b>Max Location</b>																				
Maximum Offsite Concentration-->	1.53E-02	6.34E-04	1.28E-02	3.42E-02	5.89E-04	2.95E-03	6.00E-04	2.87E-02	2.39E-02	2.73E-03	5.25E-03	7.86E-03	4.63E-05	9.58E-03	1.35E-02	4.12E-03	2.43E-05	8.15E-04	9.35E-04	7.29E-02
Average Offsite Concentration-->	1.60E-03	7.48E-05	1.81E-03	3.79E-03	7.39E-05	3.03E-04	7.97E-05	3.60E-03	2.97E-03	3.50E-04	6.66E-04	8.97E-04	5.28E-06	1.16E-03	1.54E-03	4.71E-04	2.78E-06	9.40E-05	1.07E-04	8.97E-03
Minimum Offsite Concentration-->	3.09E-04	1.46E-05	3.53E-04	7.33E-04	1.44E-05	5.85E-05	1.55E-05	7.02E-04	5.80E-04	6.82E-05	1.30E-04	1.84E-04	1.08E-06	2.31E-04	3.15E-04	9.65E-05	5.71E-07	1.92E-05	2.19E-05	1.79E-03
<b>Residential</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>	<b>1431</b>
<b>Max Location</b>																				
Maximum Offsite Concentration-->	1.18E-02	1.37E-03	2.84E-02	3.44E-02	1.28E-03	2.03E-03	1.32E-03	6.24E-02	5.20E-02	5.96E-03	1.15E-02	1.60E-02	9.43E-05	2.15E-02	2.75E-02	8.42E-03	4.95E-05	1.69E-03	1.90E-03	1.65E-01
Average Offsite Concentration-->	1.41E-03	7.01E-05	1.67E-03	3.36E-03	6.89E-05	2.65E-04	7.40E-05	3.35E-03	2.77E-03	3.26E-04	6.20E-04	8.30E-04	4.88E-06	1.08E-03	1.42E-03	4.36E-04	2.57E-06	8.70E-05	9.85E-05	8.35E-03
Minimum Offsite Concentration-->	3.20E-04	1.30E-05	3.33E-04	7.82E-04	1.31E-05	5.91E-05	1.44E-05	6.40E-04	5.27E-04	6.26E-05	1.19E-04	1.74E-04	1.02E-06	2.11E-04	2.98E-04	9.11E-05	5.39E-07	1.81E-05	2.06E-05	1.65E-03
<b>CalEPA Acute REL</b>	<b>470</b>	<b>2.5</b>	<b>27</b>	<b>55</b>	<b>28000</b>	<b>13000</b>	<b>21000</b>	<b>37000</b>	<b>22000</b>	<b>660</b>	<b>2000</b>	<b>3200</b>	<b>0.2</b>	<b>210</b>	<b>100</b>	<b>0.17</b>	<b>0.6</b>	<b>0.2</b>	<b>30</b>	<b>120</b>
<b>Commercial - Onsite</b>																				
Onsite Maximum Acute Hazard-->	2.21E-05	2.17E-04	4.74E-04	4.54E-04	1.89E-08	1.50E-07	2.70E-08	6.98E-07	9.70E-07	3.79E-06	2.38E-06	2.14E-06	2.01E-04	4.13E-05	1.17E-04	2.11E-02	3.54E-05	3.58E-03	2.71E-05	5.60E-04
Onsite Average Acute Hazard-->	1.51E-05	1.48E-04	3.24E-04	3.10E-04	1.29E-08	1.02E-07	1.85E-08	4.77E-07	6.64E-07	2.59E-06	1.63E-06	1.52E-06	1.43E-04	2.88E-05	8.32E-05	1.50E-02	2.51E-05	2.53E-03	1.92E-05	3.92E-04
Onsite Minimum Acute Hazard-->	2.71E-06	3.48E-05	7.21E-05	5.87E-05	2.98E-09	1.80E-08	4.18E-09	1.10E-07	1.53E-07	5.93E-07	3.74E-07	3.65E-07	3.44E-05	6.89E-06	2.00E-05	3.61E-03	6.02E-06	6.10E-04	4.63E-06	9.39E-05
<b>Commercial - Offsite</b>																				
Offsite Maximum Acute Hazard-->	3.25E-05	2.54E-04	4.76E-04	6.21E-04	2.10E-08	2.27E-07	2.86E-08	7.75E-07	1.09E-06	4.13E-06	2.63E-06	2.46E-06	2.31E-04	4.56E-05	1.35E-04	2.42E-02	4.05E-05	4.07E-03	3.12E-05	6.08E-04
Offsite Average Acute Hazard-->	3.41E-06	2.99E-05	6.71E-05	6.89E-05	2.64E-09	2.33E-08	3.80E-09	9.73E-08	1.35E-07	5.30E-07	3.33E-07	2.80E-07	2.64E-05	5.52E-06	1.54E-05	2.77E-03	4.64E-06	4.70E-04	3.55E-06	7.47E-05
Offsite Minimum Acute Hazard-->	6.58E-07	5.84E-06	1.31E-05	1.33E-05	5.14E-10	4.50E-09	7.40E-10	1.90E-08	2.64E-08	1.03E-07	6.49E-08	5.75E-08	5.41E-06	1.10E-06	3.15E-06	5.68E-04	9.52E-07	9.61E-05	7.28E-07	1.49E-05
<b>Residential</b>																				
Offsite Maximum Acute Hazard-->	2.52E-05	5.48E-04	1.05E-03	6.25E-04	4.58E-08	1.56E-07	6.28E-08	1.69E-06	2.36E-06	9.03E-06	5.73E-06	5.01E-06	4.72E-04	1.03E-04	2.75E-04	4.95E-02	8.26E-05	8.43E-03	6.35E-05	1.38E-03
Offsite Average Acute Hazard-->	2.99E-06	2.80E-05	6.20E-05	6.12E-05	2.46E-09	2.04E-08	3.52E-09	9.07E-08	1.26E-07	4.93E-07	3.10E-07	2.59E-07	2.44E-05	5.15E-06	1.42E-05	2.56E-03	4.29E-06	4.35E-04	3.28E-06	6.96E-05
Offsite Minimum Acute Hazard-->	6.80E-07	5.22E-06	1.23E-05	1.42E-05	4.69E-10	4.55E-09	6.86E-10	1.73E-08	2.40E-08	9.48E-08	5.93E-08	5.43E-08	5.11E-06	1.01E-06	2.98E-06	5.36E-04	8.99E-07	9.06E-05	6.88E-07	1.38E-05

Table 2-4.1

Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project  
Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde ( $\mu\text{g}/\text{m}^3$ )	acrolein ( $\mu\text{g}/\text{m}^3$ )	benzene ( $\mu\text{g}/\text{m}^3$ )	formaldehyde ( $\mu\text{g}/\text{m}^3$ )	methyl alcohol ( $\mu\text{g}/\text{m}^3$ )	methyl ethyl ketone ( $\mu\text{g}/\text{m}^3$ )	styrene ( $\mu\text{g}/\text{m}^3$ )	toluene ( $\mu\text{g}/\text{m}^3$ )	xylene, total ( $\mu\text{g}/\text{m}^3$ )	1,3-Butadiene ( $\mu\text{g}/\text{m}^3$ )	ethyl benzene ( $\mu\text{g}/\text{m}^3$ )	ammonium ( $\mu\text{g}/\text{m}^3$ )	arsenic ( $\mu\text{g}/\text{m}^3$ )	chlorine ( $\mu\text{g}/\text{m}^3$ )	copper ( $\mu\text{g}/\text{m}^3$ )	manganese ( $\mu\text{g}/\text{m}^3$ )	mercury ( $\mu\text{g}/\text{m}^3$ )	nickel ( $\mu\text{g}/\text{m}^3$ )	vanadium ( $\mu\text{g}/\text{m}^3$ )	sulfates ( $\mu\text{g}/\text{m}^3$ )
1	369400	3750000	Commercial	5.35E-04	2.72E-05	6.47E-04	1.28E-03	2.67E-05	1.01E-04	2.86E-05	1.30E-03	1.08E-03	1.26E-04	2.40E-04	3.10E-04	1.83E-06	4.13E-04	5.32E-04	1.63E-04	9.62E-07	3.26E-05	3.69E-05	3.18E-03
2	370400	3750000	Residential	1.54E-03	5.41E-05	1.42E-03	3.51E-03	5.50E-05	2.96E-04	6.08E-05	2.68E-03	2.21E-03	2.63E-04	4.98E-04	6.45E-04	3.79E-06	8.24E-04	1.11E-03	3.38E-04	2.00E-06	6.75E-05	7.66E-05	6.38E-03
3	371400	3750000	Residential	1.79E-03	6.52E-05	1.69E-03	4.08E-03	6.60E-05	3.43E-04	7.27E-05	3.21E-03	2.65E-03	3.15E-04	5.97E-04	8.29E-04	4.88E-06	1.03E-03	1.42E-03	4.35E-04	2.57E-06	8.65E-05	9.84E-05	8.01E-03
4	372400	3750000	Residential	1.38E-03	5.38E-05	1.37E-03	3.18E-03	5.41E-05	2.64E-04	5.92E-05	2.63E-03	2.17E-03	2.58E-04	4.89E-04	5.93E-04	3.49E-06	7.93E-04	1.02E-03	3.11E-04	1.84E-06	6.23E-05	7.04E-05	6.10E-03
5	373400	3750000	Residential	9.46E-04	3.71E-05	9.41E-04	2.18E-03	3.73E-05	1.81E-04	4.08E-05	1.82E-03	1.50E-03	1.78E-04	3.37E-04	4.20E-04	2.47E-06	5.54E-04	7.20E-04	2.21E-04	1.30E-06	4.41E-05	4.99E-05	4.27E-03
6	374400	3750000	Residential	9.54E-04	3.37E-05	8.80E-04	2.17E-03	3.42E-05	1.84E-04	3.78E-05	1.67E-03	1.37E-03	1.64E-04	3.10E-04	3.62E-04	2.13E-06	4.88E-04	6.21E-04	1.90E-04	1.13E-06	3.81E-05	4.30E-05	3.75E-03
7	375400	3750000	Residential	8.81E-04	3.37E-05	8.61E-04	2.03E-03	3.40E-05	1.69E-04	3.73E-05	1.66E-03	1.36E-03	1.62E-04	3.07E-04	3.48E-04	2.05E-06	4.82E-04	5.97E-04	1.83E-04	1.08E-06	3.67E-05	4.13E-05	3.68E-03
8	376400	3750000	Commercial	8.79E-04	3.10E-05	8.09E-04	2.00E-03	3.15E-05	1.69E-04	3.48E-05	1.53E-03	1.26E-03	1.50E-04	2.85E-04	3.05E-04	1.79E-06	4.30E-04	5.22E-04	1.60E-04	9.48E-07	3.22E-05	3.62E-05	3.28E-03
9	377400	3750000	Residential/Commercial	7.71E-04	2.70E-05	7.08E-04	1.75E-03	2.75E-05	1.48E-04	3.04E-05	1.34E-03	1.10E-03	1.31E-04	2.49E-04	3.01E-04	1.77E-06	3.98E-04	5.15E-04	1.58E-04	9.33E-07	3.15E-05	3.57E-05	3.06E-03
10	378400	3750000	Residential	6.77E-04	2.95E-05	7.28E-04	1.59E-03	2.94E-05	1.29E-04	3.19E-05	1.43E-03	1.18E-03	1.39E-04	2.65E-04	3.15E-04	1.85E-06	4.31E-04	5.40E-04	1.66E-04	7.78E-07	3.32E-05	3.74E-05	3.30E-03
11	379400	3750000	Residential	5.80E-04	2.21E-05	5.65E-04	1.33E-03	2.23E-05	1.11E-04	2.45E-05	1.09E-03	8.95E-04	1.06E-04	2.01E-04	2.54E-04	1.49E-06	3.32E-04	4.35E-04	1.33E-04	7.88E-07	2.66E-05	3.01E-05	2.56E-03
12	380400	3750000	Residential/Commercial	5.32E-04	2.47E-05	6.00E-04	1.26E-03	2.44E-05	1.01E-04	2.64E-05	1.19E-03	9.84E-04	1.16E-04	2.20E-04	2.71E-04	1.59E-06	3.67E-04	4.64E-04	1.42E-04	8.40E-07	2.85E-05	3.22E-05	2.81E-03
13	381400	3750000	Residential/Commercial	4.91E-04	2.36E-05	5.68E-04	1.17E-03	2.32E-05	9.28E-05	2.50E-05	1.13E-03	9.35E-04	1.10E-04	2.09E-04	2.66E-04	1.56E-06	3.55E-04	4.55E-04	1.39E-04	8.23E-07	2.79E-05	3.15E-05	2.73E-03
14	382400	3750000	Commercial	5.08E-04	2.03E-05	5.13E-04	1.18E-03	2.04E-05	9.71E-05	2.23E-05	9.93E-04	8.19E-04	9.70E-05	1.84E-04	2.24E-04	1.32E-06	3.00E-04	3.83E-04	1.17E-04	6.94E-07	2.35E-05	2.65E-05	2.30E-03
15	383400	3750000	Residential	4.33E-04	1.99E-05	4.84E-04	1.02E-03	1.97E-05	8.21E-05	2.13E-05	9.60E-04	7.93E-04	9.34E-05	1.78E-04	2.33E-04	1.37E-06	3.04E-04	3.99E-04	1.22E-04	7.21E-07	2.44E-05	2.76E-05	2.35E-03
16	384400	3750000	Residential	3.74E-04	2.32E-05	5.29E-04	9.30E-04	2.24E-05	6.93E-05	2.05E-05	1.09E-03	9.05E-04	1.05E-04	2.02E-04	2.55E-04	1.50E-06	3.49E-04	4.38E-04	1.34E-04	7.91E-07	2.69E-05	3.02E-05	2.67E-03
17	369400	3751000	Residential	1.24E-03	3.90E-05	1.05E-03	2.79E-03	4.01E-05	2.40E-04	4.49E-05	1.96E-03	1.61E-03	1.93E-04	3.64E-04	4.59E-04	2.70E-06	5.86E-04	7.86E-04	2.41E-04	1.43E-06	4.80E-05	5.45E-05	4.54E-03
18	370400	3751000	Residential	1.51E-03	4.96E-05	1.32E-03	3.40E-03	5.08E-05	2.90E-04	5.65E-05	2.47E-03	2.03E-03	2.43E-04	4.60E-04	6.29E-04	3.70E-06	7.77E-04	1.08E-03	3.30E-04	1.95E-06	6.56E-05	7.46E-05	6.06E-03
19	371400	3751000	Residential	1.60E-03	4.92E-05	1.34E-03	3.59E-03	5.08E-05	3.09E-04	5.69E-05	2.47E-03	2.03E-03	2.44E-04	4.61E-04	5.86E-04	3.45E-06	7.42E-04	1.00E-03	3.07E-04	1.82E-06	6.12E-05	6.95E-05	5.76E-03
20	372400	3751000	Residential	9.94E-04	4.87E-05	1.17E-03	2.37E-03	4.79E-05	1.88E-04	5.15E-05	2.33E-03	1.93E-03	2.26E-04	4.31E-04	5.69E-04	3.35E-06	7.46E-04	9.76E-04	2.99E-04	1.76E-06	5.97E-05	6.77E-05	5.75E-03
21	373400	3751000	Commercial	1.15E-03	4.41E-05	1.13E-03	2.65E-03	4.44E-05	2.21E-04	4.87E-05	2.16E-03	1.78E-03	2.12E-04	4.01E-04	4.98E-04	2.93E-06	6.56E-04	8.53E-04	2.61E-04	1.54E-06	5.22E-05	5.91E-05	5.06E-03
22	374400	3751000	Residential	1.14E-03	3.82E-05	1.01E-03	2.58E-03	3.91E-05	2.20E-04	4.34E-05	1.90E-03	1.56E-03	1.87E-04	3.54E-04	4.08E-04	2.40E-06	5.50E-04	6.99E-04	2.14E-04	1.27E-06	4.29E-05	4.84E-05	4.22E-03
23	375400	3751000	Residential	1.00E-03	3.50E-05	9.17E-04	2.28E-03	3.56E-05	1.92E-04	3.94E-05	1.74E-03	1.43E-03	1.70E-04	3.22E-04	3.92E-04	2.31E-06	5.17E-04	6.71E-04	2.06E-04	1.22E-06	4.11E-05	4.65E-05	3.98E-03
24	376400	3751000	Residential	1.11E-03	3.07E-05	8.66E-04	2.45E-03	3.22E-05	2.15E-04	3.64E-05	1.57E-03	1.28E-03	1.65E-04	2.92E-04	3.28E-04	1.92E-06	4.35E-04	5.60E-04	1.72E-04	1.02E-06	3.43E-05	3.88E-05	3.35E-03
25	377400	3751000	Residential	8.52E-04	3.49E-05	8.74E-04	1.98E-03	3.49E-05	1.63E-04	3.80E-05	1.70E-03	1.40E-03	1.56E-04	3.15E-04	3.91E-04	2.30E-06	5.20E-04	6.70E-04	2.05E-04	1.21E-06	4.11E-05	4.65E-05	4.00E-03
26	378400	3751000	Residential	7.37E-04	2.60E-05	6.80E-04	1.68E-03	2.64E-05	1.42E-04	2.92E-05	1.29E-03	1.06E-03	1.26E-04	2.39E-04	2.82E-04	1.66E-06	3.78E-04	4.84E-04	1.48E-04	8.77E-07	2.97E-05	3.35E-05	2.91E-03
27	379400	3751000	Residential	6.12E-04	2.87E-05	6.95E-04	1.45E-03	2.84E-05	1.16E-04	3.06E-05	1.38E-03	1.14E-03	1.34E-04	2.56E-04	3.15E-04	1.85E-06	4.26E-04	5.39E-04	1.65E-04	9.75E-07	3.31E-05	3.73E-05	3.27E-03
28	380400	3751000	Commercial	6.60E-04	2.82E-05	6.99E-04	1.54E-03	2.81E-05	1.26E-04	3.05E-05	1.37E-03	1.13E-03	1.33E-04	2.53E-04	3.08E-04	1.81E-06	4.16E-04	5.27E-04	1.61E-04	9.54E-07	3.23E-05	3.65E-05	3.19E-03
29	381400	3751000	Commercial	5.65E-04	2.32E-05	5.81E-04	1.31E-03	2.32E-05	1.08E-04	2.53E-05	1.13E-03	9.32E-04	1.10E-04	2.09E-04	2.48E-04	1.46E-06	3.38E-04	4.25E-04	1.30E-04	7.71E-07	2.61E-05	2.95E-05	2.59E-03
30	382400	3751000	Commercial	4.73E-04	2.59E-05	6.05E-04	1.15E-03	2.52E-05	8.86E-05	2.69E-05	1.23E-03	1.02E-03	1.19E-04	2.27E-04	2.94E-04	1.73E-06	3.93E-04	5.05E-04	1.55E-04	9.12E-07	3.09E-05	3.50E-05	3.02E-03
31	383400	3751000	Residential	3.91E-04	2.44E-05	5.55E-04	9.74E-04	2.35E-05	7.25E-05	2.49E-05	1.15E-03	9.51E-04	1.11E-04	2.12E-04	2.80E-04	1.65E-06	3.74E-04	4.80E-04	1.47E-04	8.66E-07	2.94E-05	3.32E-05	2.87E-03
32	384400	3751000	Residential	3.21E-04	2.06E-05	4.67E-04	8.03E-04	1.99E-05	5.93E-05	2.10E-05	9.68E-04	8.02E-04	9.33E-05	1.78E-04	2.39E-04	1.41E-06	3.18E-04	4.11E-04	1.26E-04	7.41E-07	2.52E-05	2.84E-05	2.45E-03
33	369400	3752000	Commercial	6.29E-04	2.39E-05	6.11E-04	1.45E-03	2.41E-05	1.21E-04	2.64E-05	1.17E-03	9.67E-04	1.15E-04	2.18E-04	3.28E-04	1.93E-06	3.93E-04	5.62E-04	1.72E-04	1.02E-06	3.41E-05	3.90E-05	3.48E-03
34	370400	3752000	Residential	1.42E-03	4.60E-05	1.23E-03	3.21E-03	4.72E-05	2.75E-04	5.26E-05	2.30E-03	1.89E-03	2.26E-04	4.28E-04	4.85E-04	2.85E-06	6.56E-04	8.29E-04	2.54E-04	1.51E-06	5.09E-05	5.75E-05	5.03E-03
35	371400	3752000	Commercial	7.90E-04	3.10E-05	7.86E-04	1.82E-03	3.11E-05	1.51E-04	3.41E-05	1.52E-03	1.25E-03	1.48E-04	2.81E-04	3.97E-04	2.34E-06	4.93E-04	6.21E-04	2.08E-04	1.23E-06	4.15E-05	4.72E-05	3.84E-03
36	372400	3752000	Commercial	1.33E-03	6.00E-05	1.47E-03	3.13E-03	5.94E-05	2.52E-04	6.43E-05	2.90E-03	2.39E-03	2.82E-04	5.36E-04	7.03E-04	4.13E-06	9.17E-04	1.20E-03	3.69E-04	2.18E-06	7.37E-05	8.35E-05	7.08E-03
37	373400	3752000	Commercial	1.41E-03	5.45E-05	1.39E-03	3.24E-03	5.48E-05	2.69E-04	6.00E-05	2.67E-03	2.20E-03	2.61E-04	4.95E-04	6.10E-04	3.59E-06	8.08E-04	1.05E-03	3.20E-04	1.89E-06	6.40E-05	7.24E-05	6.22E-03
38	374400	3752000	Residential/Commercial	1.59E-03	4.60E-05	1.28E-03	3.54E-03	4.79E-05	3.09E-04	5.40E-05	2.33E-03	1.91E-03	2.31E-04	4.35E-04	4.84E-04	2.85E-06	6.50E-04	8.29E-04	2.54E-04	1.51E-06	5.08E-05	5.74E-05	4.99E-03
39	375400	3752000	Residential/Commercial	1.64E-03	4.81E-05	1.33E-03	3.66E-03																

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(µg/m <sup>3</sup> )																			
72	374400	3754000	Residential/Commercial	2.71E-03	7.62E-05	2.14E-03	6.01E-03	7.96E-05	5.25E-04	9.00E-05	3.88E-03	3.18E-03	3.84E-04	7.24E-04	7.90E-04	4.64E-06	1.07E-03	1.35E-03	4.14E-04	2.46E-06	8.30E-05	9.37E-05	8.19E-03
73	375400	3754000	Residential	2.06E-03	7.22E-05	1.89E-03	4.68E-03	7.34E-05	3.96E-04	8.12E-05	3.58E-03	2.94E-03	3.51E-04	6.65E-04	7.71E-04	4.53E-06	1.04E-03	1.32E-03	4.04E-04	2.39E-06	8.10E-05	9.14E-05	8.00E-03
74	376400	3754000	Residential	1.48E-03	5.57E-05	1.43E-03	3.40E-03	5.62E-05	2.84E-04	6.18E-05	2.74E-03	2.26E-03	2.68E-04	5.08E-04	5.97E-04	3.51E-06	8.09E-04	1.02E-03	3.13E-04	1.85E-06	6.27E-05	7.08E-05	6.20E-03
75	377400	3754000	Commercial	9.78E-04	5.33E-05	1.25E-03	2.37E-03	5.20E-05	1.83E-04	5.55E-05	2.53E-03	2.09E-03	2.45E-04	4.68E-04	5.47E-04	3.22E-06	7.72E-04	3.93E-04	2.88E-04	1.70E-06	5.78E-05	6.50E-05	5.88E-03
76	378400	3754000	Commercial	8.33E-04	5.04E-05	1.15E-03	2.06E-03	4.88E-05	1.55E-04	5.17E-05	2.38E-03	1.97E-03	2.29E-04	4.38E-04	5.33E-04	3.14E-06	7.43E-04	9.14E-04	2.80E-04	1.65E-06	5.63E-05	6.33E-05	5.68E-03
77	379400	3754000	Residential	1.18E-03	7.13E-05	1.64E-03	2.93E-03	6.91E-05	2.20E-04	7.33E-05	3.36E-03	2.79E-03	3.25E-04	6.21E-04	7.52E-04	4.43E-06	1.05E-03	1.29E-03	3.95E-04	2.33E-06	7.94E-05	8.93E-05	8.02E-03
78	380400	3754000	Residential	1.32E-03	6.46E-05	1.55E-03	3.14E-03	6.35E-05	2.49E-04	6.83E-05	3.09E-03	2.56E-03	3.00E-04	5.72E-04	7.61E-04	4.48E-06	9.94E-04	1.30E-03	3.99E-04	2.36E-06	7.98E-05	9.04E-05	7.67E-03
79	381400	3754000	Residential/Commercial	9.10E-04	6.87E-05	1.51E-03	2.36E-03	6.56E-05	1.66E-04	6.87E-05	3.19E-03	2.65E-03	3.07E-04	5.88E-04	8.16E-04	4.80E-06	1.08E-03	1.40E-03	4.29E-04	2.52E-06	8.57E-05	9.70E-05	8.28E-03
80	382400	3754000	Residential	7.56E-04	3.95E-05	9.33E-04	1.82E-03	3.86E-05	1.42E-04	4.14E-05	1.88E-03	1.56E-03	1.82E-04	3.48E-04	4.53E-04	2.67E-06	6.02E-04	7.77E-04	2.38E-04	1.40E-06	4.76E-05	5.38E-05	4.63E-03
81	383400	3754000	Commercial	5.34E-04	2.58E-05	6.20E-04	1.27E-03	2.54E-05	1.01E-04	2.73E-05	1.24E-03	1.02E-03	1.20E-04	2.29E-04	2.99E-04	1.76E-06	3.93E-04	5.12E-04	1.67E-04	9.26E-07	3.13E-05	3.55E-05	3.03E-03
82	384400	3754000	Residential	3.87E-04	2.07E-05	4.86E-04	9.37E-04	2.02E-05	7.27E-05	2.16E-05	9.84E-04	8.14E-04	9.53E-05	1.82E-04	2.43E-04	1.43E-06	3.19E-04	4.16E-04	1.27E-04	7.51E-07	2.55E-05	2.88E-05	2.46E-03
83	385400	3755000	Commercial	7.48E-04	3.73E-05	8.90E-04	1.79E-03	3.66E-05	1.41E-04	3.93E-05	1.78E-03	1.47E-03	1.73E-04	3.30E-04	5.44E-04	3.20E-06	6.43E-04	9.32E-04	2.85E-04	1.69E-06	5.66E-05	6.46E-05	5.05E-03
84	386400	3755000	Residential	2.33E-03	6.62E-05	1.85E-03	5.17E-03	6.91E-05	4.51E-04	7.80E-05	3.37E-03	2.78E-03	3.33E-04	6.27E-04	8.91E-04	5.24E-06	1.06E-03	1.52E-03	4.66E-04	2.77E-06	9.26E-05	1.06E-04	8.32E-03
85	386900	3755000	Residential	2.69E-03	7.83E-05	2.17E-03	6.00E-03	8.15E-05	5.22E-04	9.18E-05	3.97E-03	3.26E-03	3.93E-04	7.40E-04	1.10E-03	5.96E-06	1.23E-03	1.73E-03	5.31E-04	3.15E-06	1.05E-04	1.20E-04	9.62E-03
86	370400	3755000	Residential	3.03E-03	6.20E-05	1.96E-03	6.54E-03	8.82E-05	5.93E-04	8.00E-05	3.32E-03	2.71E-03	3.34E-04	6.23E-04	6.35E-04	3.72E-06	8.39E-04	1.08E-03	3.32E-04	1.98E-06	6.64E-05	7.51E-05	6.47E-03
87	371400	3755000	Commercial	2.35E-03	6.27E-05	1.79E-03	5.20E-03	6.80E-05	4.58E-04	7.51E-05	3.22E-03	2.64E-03	3.19E-04	6.01E-04	7.60E-04	4.46E-06	9.45E-04	1.30E-03	3.97E-04	2.36E-06	7.92E-05	9.00E-05	7.36E-03
88	372400	3755000	Commercial	4.58E-03	1.04E-04	3.16E-03	9.99E-03	1.12E-04	8.96E-04	1.30E-04	5.47E-03	4.46E-03	5.47E-04	1.02E-03	1.02E-03	5.99E-06	1.39E-03	1.74E-03	5.34E-04	3.18E-06	1.07E-04	1.21E-04	1.07E-02
89	373400	3755000	Residential	8.91E-03	1.45E-04	5.10E-03	1.90E-02	1.67E-04	1.76E-03	2.02E-04	8.15E-03	6.60E-03	8.30E-04	1.54E-03	1.44E-03	8.43E-06	1.87E-03	2.45E-03	7.51E-04	4.51E-06	1.50E-04	1.70E-04	1.45E-02
90	374400	3755000	Residential	3.17E-03	9.44E-05	2.60E-03	7.09E-03	9.80E-05	6.15E-03	1.10E-04	4.77E-03	3.92E-03	4.72E-04	8.89E-04	9.96E-04	5.85E-06	1.34E-03	1.70E-03	5.22E-04	3.10E-06	1.05E-04	1.18E-04	1.03E-02
91	375400	3755000	Residential	1.83E-03	8.26E-05	2.02E-03	4.31E-03	8.12E-05	3.47E-04	8.85E-05	3.99E-03	3.29E-03	3.88E-04	7.38E-04	8.90E-04	5.24E-06	1.21E-03	1.53E-03	4.68E-04	2.76E-06	9.37E-05	1.06E-04	9.31E-03
92	376400	3755000	Residential	1.12E-03	8.18E-05	1.81E-03	2.87E-03	8.26E-05	2.04E-04	8.21E-05	3.81E-03	3.16E-03	3.66E-04	7.02E-04	8.77E-04	5.16E-06	1.22E-03	1.50E-03	4.61E-04	2.72E-06	9.26E-05	1.04E-04	9.33E-03
93	377400	3755000	Residential/Commercial	9.60E-04	5.07E-05	1.19E-03	2.32E-03	4.96E-05	1.80E-04	5.30E-05	2.41E-03	2.00E-03	2.34E-04	4.46E-04	5.76E-04	3.39E-06	7.70E-04	9.87E-04	3.02E-04	1.79E-06	6.05E-05	6.84E-05	5.92E-03
94	378400	3755000	Residential/Commercial	1.17E-03	5.40E-05	1.31E-03	2.76E-03	5.34E-05	2.21E-04	5.77E-05	2.60E-03	2.15E-03	2.34E-04	4.82E-04	6.45E-04	3.80E-06	8.36E-04	1.11E-03	3.39E-04	2.00E-06	6.76E-05	7.65E-05	6.46E-03
95	379400	3755000	Residential/Commercial	1.17E-03	8.68E-05	1.91E-03	3.02E-03	8.29E-05	2.13E-04	8.69E-05	4.04E-03	3.35E-03	3.88E-04	7.43E-04	9.73E-04	5.73E-06	1.32E-03	1.67E-03	5.11E-04	3.01E-06	1.02E-04	1.16E-04	1.01E-02
96	380400	3755000	Commercial	1.03E-03	6.50E-05	1.48E-03	2.56E-03	6.27E-05	1.90E-04	6.63E-05	3.05E-03	2.53E-03	2.95E-04	5.83E-04	7.89E-04	4.64E-06	1.03E-03	1.44E-03	2.44E-06	8.27E-05	9.37E-05	7.92E-03	
97	381400	3755000	Commercial	8.74E-04	5.25E-05	1.20E-03	2.16E-03	5.08E-05	1.62E-04	5.39E-05	2.48E-03	2.05E-03	2.39E-04	4.57E-04	6.85E-04	4.03E-06	8.56E-04	1.17E-03	3.59E-04	2.12E-06	7.16E-05	8.14E-05	6.66E-03
98	382400	3755000	Residential	7.52E-04	3.52E-05	8.52E-04	1.78E-03	3.47E-05	1.42E-04	3.75E-05	1.69E-03	1.40E-03	1.65E-04	3.13E-04	4.29E-04	2.53E-06	5.50E-04	7.36E-04	2.25E-04	1.33E-06	4.49E-05	5.10E-05	4.26E-03
99	383400	3755000	Residential	5.28E-04	2.47E-05	5.98E-04	1.25E-03	2.44E-05	1.00E-04	2.63E-05	1.19E-03	9.81E-04	1.15E-04	2.20E-04	2.98E-04	1.75E-06	3.84E-04	5.11E-04	1.56E-04	9.24E-07	3.12E-05	3.54E-05	2.97E-03
100	384400	3755000	Residential/Commercial	4.09E-04	2.31E-05	5.36E-04	9.98E-04	2.25E-05	7.63E-05	2.39E-05	1.09E-03	9.05E-04	1.06E-04	2.02E-04	2.91E-04	1.71E-06	3.70E-04	4.99E-04	1.53E-04	9.01E-07	3.04E-05	3.46E-05	2.87E-03
101	373400	3756000	Residential/Commercial	6.93E-03	1.83E-04	5.25E-03	1.53E-02	1.93E-04	1.35E-03	2.20E-04	9.41E-03	7.70E-03	9.34E-04	1.76E-03	1.57E-03	9.19E-06	2.34E-03	2.68E-03	8.22E-04	4.90E-06	1.66E-04	1.85E-04	1.77E-02
102	374400	3756000	Residential/Commercial	3.11E-03	1.34E-04	3.31E-03	7.28E-03	1.33E-04	5.93E-04	1.45E-04	6.49E-03	5.35E-03	6.32E-04	1.20E-03	1.43E-03	8.41E-06	1.95E-03	2.45E-03	7.50E-04	4.44E-06	1.50E-04	1.70E-04	1.50E-02
103	375400	3756000	Residential	1.72E-03	9.69E-05	2.25E-03	4.19E-03	9.42E-05	3.21E-04	1.00E-04	4.59E-03	3.80E-03	4.44E-04	8.47E-04	1.06E-03	6.24E-06	1.45E-03	1.82E-03	5.57E-04	3.29E-06	1.12E-04	1.26E-04	1.11E-02
104	376400	3756000	Residential	1.77E-03	7.49E-05	1.86E-03	4.13E-03	7.46E-05	3.38E-04	1.12E-04	3.64E-03	3.00E-03	3.55E-04	6.74E-04	9.02E-04	5.31E-06	1.16E-03	1.55E-03	4.73E-04	2.80E-06	9.44E-05	1.07E-04	8.96E-03
105	377400	3756000	Residential/Commercial	1.82E-03	6.08E-05	1.62E-03	4.12E-03	6.22E-05	3.51E-04	6.91E-05	3.03E-03	2.49E-03	2.98E-04	5.63E-04	6.80E-04	4.00E-06	8.94E-04	1.16E-03	3.57E-04	2.11E-06	7.13E-05	8.07E-05	6.89E-03
106	378400	3756000	Residential	2.46E-03	8.60E-05	2.25E-03	5.59E-03	7.75E-05	4.73E-04	9.67E-05	4.26E-03	3.51E-03	4.18E-04	7.92E-04	1.11E-03	6.51E-06	1.36E-03	1.90E-03	5.80E-04	3.44E-06	1.15E-04	1.31E-04	1.06E-02
107	379400	3756000	Residential	2.26E-03	8.36E-05	2.15E-03	5.17E-03	8.45E-05	4.33E-04	9.29E-05	4.12E-03	3.39E-03	4.03E-04	7.64E-04	1.12E-03	6.56E-06	1.35E-03	1.91E-03	5.85E-04	3.46E-06	1.16E-04	1.32E-04	1.06E-02
108	380400	3756000	Residential/Commercial	1.73E-03	7.25E-05	1.80E-03	4.03E-03	7.23E-05	3.29E-04	7.87E-05	3.52E-03	2.91E-03	3.44E-04	6.53E-04	8.79E-04	5.17E-06	1.12E-03	1.51E-03	4.61E-04	2.73E-06	9.20E-05	1.04E-04	8.71E-03
109	381400	3756000	Residential/Commercial	1.39E-03	5.29E-05	1.35E-03	3.20E-03	5.33E-05	2.67E-04	5.85E-05	2.60E-03	2.14E-03	2.54E-04	4.82E-04	6.36E-04	3.74E-06	8.14E-04	1.09E-03	3.34E-04	1.98E-06	6.66E-05	7.55E-05	6.31E-03
110	382400	3756000	Residential	9.97E-04	3.62E-05	9.38E-04	2.28E-03	3.67E-05	1.91E-04	4.04E-05	1.79E-03	1.47E-03</											

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Project, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				( $\mu\text{g}/\text{m}^3$ )																			
143	383400	3758000	Residential	7.05E-04	4.14E-05	9.54E-04	1.73E-03	4.01E-05	1.31E-04	4.26E-05	1.96E-03	1.62E-03	1.89E-04	3.61E-04	4.99E-04	2.94E-06	6.49E-04	8.56E-04	2.62E-04	1.55E-06	5.24E-05	5.93E-05	5.01E-03
144	384400	3758000	Residential	6.95E-04	3.77E-05	8.82E-04	1.69E-03	3.67E-05	1.30E-04	3.92E-05	1.79E-03	1.48E-03	1.73E-04	3.31E-04	4.50E-04	2.65E-06	5.86E-04	7.72E-04	2.36E-04	1.39E-06	4.72E-05	5.35E-05	4.52E-03
145	365400	3759000	Commercial	5.89E-04	4.10E-05	9.14E-04	1.50E-03	3.93E-05	1.08E-04	4.13E-05	1.91E-03	1.59E-03	1.84E-04	3.52E-04	5.47E-04	3.22E-06	6.80E-04	9.38E-04	2.87E-04	1.69E-06	5.71E-05	6.50E-05	5.29E-03
146	366400	3759000	Commercial	6.98E-04	3.75E-05	8.81E-04	1.69E-03	3.66E-05	1.31E-04	3.92E-05	1.79E-03	1.48E-03	1.73E-04	3.30E-04	4.74E-04	2.79E-06	6.00E-04	8.12E-04	2.49E-04	1.47E-06	4.95E-05	5.63E-05	4.66E-03
147	367400	3759000	Residential	1.74E-03	7.70E-05	1.89E-03	4.08E-03	7.64E-05	3.31E-04	8.28E-05	3.72E-03	3.07E-03	3.63E-04	6.89E-04	1.00E-03	5.90E-06	1.24E-03	1.72E-03	5.26E-04	3.11E-06	1.05E-04	1.19E-04	9.68E-03
148	368400	3759000	Residential	2.53E-03	8.89E-05	2.32E-03	5.75E-03	9.03E-05	4.86E-04	9.98E-05	4.40E-03	3.62E-03	4.32E-04	8.17E-04	9.75E-04	5.73E-06	1.30E-03	1.67E-03	5.12E-04	3.03E-06	1.02E-04	1.16E-04	1.00E-02
149	369400	3759000	Residential	3.99E-03	1.03E-04	2.98E-03	8.79E-03	1.09E-04	7.77E-04	1.25E-04	5.32E-03	4.35E-03	5.29E-04	9.93E-04	1.19E-03	6.98E-06	1.51E-03	2.03E-03	6.22E-04	3.69E-06	1.24E-04	1.41E-04	1.17E-02
150	370400	3759000	Residential	3.74E-03	9.93E-05	2.85E-03	8.27E-03	1.05E-04	7.28E-04	1.19E-04	5.10E-03	4.18E-03	5.07E-04	9.52E-04	1.20E-03	7.07E-06	1.50E-03	2.06E-03	6.30E-04	3.74E-06	1.25E-04	1.43E-04	1.17E-02
151	371400	3759000	Residential	4.71E-03	1.65E-04	4.32E-03	1.07E-02	1.68E-04	9.06E-04	1.86E-04	8.18E-03	6.73E-03	8.03E-04	1.52E-03	1.59E-03	9.32E-06	2.27E-03	2.71E-03	8.82E-04	4.93E-06	1.67E-04	1.88E-04	1.72E-02
152	372400	3759000	Residential	2.04E-03	1.08E-04	2.54E-03	4.93E-03	1.05E-04	3.84E-04	1.13E-04	5.14E-03	4.25E-03	4.98E-04	9.49E-04	1.11E-03	6.55E-06	1.56E-03	1.91E-03	5.85E-04	3.45E-06	1.17E-04	1.32E-04	1.19E-02
153	373400	3759000	Commercial	2.56E-03	3.82E-04	7.73E-03	8.10E-03	3.54E-04	4.16E-04	3.62E-04	1.73E-02	1.44E-02	1.64E-03	3.17E-03	3.93E-03	2.32E-05	5.68E-03	6.75E-03	2.07E-03	1.22E-05	4.17E-04	4.68E-04	4.31E-02
154	374400	3759000	Residential	2.61E-03	1.22E-04	2.96E-03	6.17E-03	1.21E-04	4.93E-04	1.30E-04	5.89E-03	4.87E-03	5.73E-04	1.09E-03	1.40E-03	8.23E-06	1.85E-03	2.40E-03	7.34E-04	4.33E-06	1.47E-04	1.66E-04	1.43E-02
155	375400	3759000	Residential	2.78E-03	2.18E-04	4.77E-03	7.27E-03	2.08E-04	5.04E-04	2.17E-04	1.01E-02	8.40E-03	9.71E-04	1.86E-03	2.76E-03	1.63E-05	3.54E-03	4.74E-03	1.45E-03	8.55E-06	2.89E-04	3.28E-04	2.74E-02
156	376400	3759000	Commercial	2.32E-03	1.69E-04	3.74E-03	5.96E-03	1.62E-04	4.23E-04	1.70E-04	7.88E-03	6.53E-03	7.57E-04	1.45E-03	2.13E-03	1.25E-05	2.73E-03	3.65E-03	1.12E-03	6.58E-06	2.23E-04	2.53E-04	2.11E-02
157	377400	3759000	Residential	2.42E-03	1.56E-04	3.53E-03	6.07E-03	1.50E-04	4.48E-04	1.59E-04	7.33E-03	6.08E-03	7.07E-04	1.35E-03	1.98E-03	1.17E-05	2.52E-03	3.40E-03	1.04E-03	6.14E-06	2.07E-04	2.35E-04	1.95E-02
158	378400	3759000	Residential	1.84E-03	1.30E-04	2.90E-03	4.71E-03	1.25E-04	3.38E-04	1.31E-04	6.08E-03	5.04E-03	5.85E-04	1.12E-03	1.68E-03	9.89E-06	2.13E-03	2.88E-03	8.82E-04	5.20E-06	1.76E-04	2.00E-04	1.65E-02
159	379400	3759000	Residential	1.49E-03	1.11E-04	2.44E-03	3.84E-03	1.06E-04	2.71E-04	1.11E-04	5.16E-03	4.28E-03	4.96E-04	9.49E-04	1.43E-03	8.42E-06	1.81E-03	2.45E-03	7.51E-04	4.43E-06	1.50E-04	1.70E-04	1.41E-02
160	380400	3759000	Residential	1.20E-03	8.31E-05	1.86E-03	3.05E-03	7.97E-05	2.20E-04	8.38E-05	3.88E-03	3.22E-03	3.74E-04	7.15E-04	1.04E-03	6.13E-06	1.34E-03	1.79E-03	5.47E-04	3.22E-06	1.09E-04	1.24E-04	1.03E-02
161	381400	3759000	Residential	9.74E-04	6.51E-05	1.46E-03	2.46E-03	6.26E-05	1.79E-04	6.60E-05	3.05E-03	2.53E-03	2.94E-04	5.62E-04	7.99E-04	4.70E-06	1.03E-03	1.37E-03	4.20E-04	2.47E-06	8.38E-05	1.50E-05	7.99E-03
162	382400	3759000	Residential	9.16E-04	6.19E-05	1.39E-03	2.32E-03	5.95E-05	1.68E-04	6.27E-05	2.90E-03	2.40E-03	2.79E-04	5.34E-04	8.77E-04	4.63E-06	1.00E-03	1.35E-03	4.13E-04	2.44E-06	8.24E-05	9.35E-05	7.76E-03
163	383400	3759000	Residential	8.01E-04	5.96E-05	1.32E-03	2.07E-03	5.69E-05	1.46E-04	5.97E-05	2.40E-03	2.30E-03	2.67E-04	5.11E-04	7.60E-04	4.47E-06	9.68E-04	1.30E-03	3.99E-04	2.35E-06	7.96E-05	9.03E-05	7.50E-03
164	384400	3759000	Residential	7.38E-04	5.14E-05	1.15E-03	1.88E-03	4.93E-05	1.35E-04	5.18E-05	2.40E-03	1.99E-03	2.31E-04	4.42E-04	6.38E-04	3.75E-06	8.22E-04	1.09E-03	3.35E-04	1.97E-06	6.68E-05	7.58E-05	6.35E-03
165	365400	3760000	Residential	5.40E-04	2.79E-05	6.60E-04	1.30E-03	2.73E-05	1.02E-04	2.93E-05	1.33E-03	1.10E-03	1.29E-04	2.46E-04	3.62E-04	2.13E-06	4.52E-04	6.20E-04	1.90E-04	1.12E-06	3.78E-05	4.40E-05	3.51E-03
166	366400	3760000	Commercial	5.87E-04	3.00E-05	7.12E-04	1.41E-03	2.94E-05	1.10E-04	3.15E-05	1.43E-03	1.18E-03	1.39E-04	2.85E-04	3.55E-04	2.09E-06	4.64E-04	6.08E-04	1.86E-04	1.10E-06	3.72E-05	4.21E-05	3.58E-03
167	367400	3760000	Commercial	7.74E-04	2.79E-05	7.24E-04	1.77E-03	2.83E-05	1.49E-04	3.12E-05	1.38E-03	1.13E-03	1.35E-04	2.56E-04	3.25E-04	1.91E-06	4.21E-04	5.57E-04	1.71E-04	1.01E-06	3.41E-05	3.86E-05	3.25E-03
168	368400	3760000	Residential	1.24E-03	3.80E-05	1.04E-03	2.78E-03	6.32E-05	2.40E-04	4.40E-05	1.92E-03	1.57E-03	1.89E-04	3.57E-04	4.44E-04	2.61E-06	5.68E-04	7.59E-04	2.32E-04	1.38E-06	4.64E-05	5.26E-05	4.40E-03
169	369400	3760000	Residential	1.75E-03	6.10E-05	1.60E-03	3.97E-03	6.21E-05	3.36E-04	6.86E-05	3.02E-03	2.49E-03	2.97E-04	5.62E-04	6.50E-04	3.82E-06	8.80E-04	1.11E-03	3.41E-04	2.02E-06	6.83E-05	7.71E-05	6.75E-03
170	370400	3760000	Residential	4.22E-03	1.00E-04	2.99E-03	9.23E-03	1.07E-04	8.24E-04	1.24E-04	5.24E-03	4.32E-03	5.23E-04	9.80E-04	9.18E-04	5.39E-06	1.30E-03	1.57E-03	4.81E-04	2.86E-06	9.67E-05	1.09E-04	9.93E-03
171	371400	3760000	Residential	2.00E-03	8.27E-05	2.07E-03	4.65E-03	8.26E-05	3.81E-04	9.01E-05	4.03E-03	3.28E-03	3.93E-04	7.46E-04	9.62E-04	5.66E-06	1.26E-03	1.65E-03	5.05E-04	2.98E-06	1.01E-04	1.14E-04	9.70E-03
172	372400	3760000	Residential	1.44E-03	8.09E-05	1.88E-03	3.52E-03	7.87E-05	2.70E-04	8.39E-05	3.84E-03	3.18E-03	3.71E-04	7.08E-04	9.54E-04	5.61E-06	1.25E-03	1.64E-03	5.01E-04	2.95E-06	1.00E-04	1.13E-04	9.66E-03
173	373400	3760000	Residential	1.80E-03	2.11E-04	4.37E-03	5.24E-03	1.97E-04	3.07E-04	2.03E-04	9.61E-03	8.00E-03	9.17E-04	1.76E-03	1.95E-03	1.15E-05	2.98E-03	3.35E-03	1.03E-03	6.04E-06	2.08E-04	2.32E-04	2.24E-02
174	374400	3760000	Residential	1.99E-03	1.28E-04	2.91E-03	4.99E-03	1.24E-04	3.68E-04	1.31E-04	6.03E-03	4.99E-03	5.81E-04	1.11E-03	1.46E-03	8.59E-06	1.96E-03	2.50E-03	7.67E-04	4.52E-06	1.54E-04	1.73E-04	1.51E-02
175	375400	3760000	Residential	1.83E-03	1.29E-04	2.87E-03	4.67E-03	1.23E-04	3.36E-04	1.30E-04	6.01E-03	4.98E-03	5.78E-04	1.11E-03	1.63E-03	9.60E-06	2.08E-03	2.80E-03	8.56E-04	5.05E-06	1.71E-04	1.94E-04	1.61E-02
176	376400	3760000	Commercial	1.23E-03	1.13E-04	2.42E-03	3.35E-03	1.07E-04	2.19E-04	1.11E-04	5.22E-03	4.34E-03	5.00E-04	9.59E-04	1.51E-03	8.89E-06	1.89E-03	2.59E-03	7.93E-04	4.67E-06	1.58E-04	1.79E-04	1.47E-02
177	377400	3760000	Residential	1.49E-03	1.17E-04	2.55E-03	3.89E-03	1.11E-04	2.69E-04	1.16E-04	5.41E-03	4.49E-03	5.20E-04	9.96E-04	1.50E-03	8.82E-06	1.91E-03	2.57E-03	7.87E-04	4.64E-06	1.57E-04	1.78E-04	1.48E-02
178	378400	3760000	Residential	1.30E-03	1.08E-04	2.35E-03	3.45E-03	1.03E-04	2.34E-04	1.07E-04	5.00E-03	4.16E-03	4.80E-04	9.21E-04	1.41E-03	8.29E-06	1.78E-03	2.42E-03	7.40E-04	4.36E-06	1.47E-04	1.67E-04	1.38E-02
179	379400	3760000	Residential	1.04E-03	8.69E-05	1.88E-03	2.76E-03	8.25E-05	1.87E-04	8.59E-05	4.02E-03	3.34E-03	3.85E-04	7.39E-04	1.09E-03	6.43E-06	1.40E-03	1.87E-03	5.74E-04	3.38E-06	1.14E-04	1.30E-04	1.09E-02
180	380400	3760000	Residential	9.70E-04	7.78E-05	1.70E-03	2.55E-03	7.40E-05	1.75E-04	7.73E-05	3.60E-03	2.99E-03	3.46E-04	6.63E-04	9.91E-04	5.83E-06	1.27E-03	1.70E-03	5.2				

**Table 2-4.1  
 Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project  
 Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				( $\mu\text{g}/\text{m}^3$ )																			
214	371400	3762000	Residential	9.40E-04	4.16E-05	1.02E-03	2.21E-03	4.13E-05	1.79E-04	4.47E-05	2.01E-03	1.66E-03	1.96E-04	3.72E-04	4.69E-04	2.76E-06	6.24E-04	8.04E-04	2.46E-04	1.45E-06	4.93E-05	5.57E-05	4.80E-03
215	372400	3762000	Commercial	2.55E-03	9.71E-05	2.48E-03	5.87E-03	9.78E-05	4.89E-04	1.07E-04	4.77E-03	3.93E-03	4.67E-04	8.84E-04	1.16E-03	6.82E-06	1.49E-03	1.99E-03	6.09E-04	3.60E-06	1.21E-04	1.38E-04	1.15E-02
216	373400	3762000	Residential	1.57E-03	1.54E-04	3.26E-03	4.34E-03	1.45E-04	2.76E-04	1.50E-04	7.05E-03	5.86E-03	6.75E-04	1.30E-03	1.46E-03	8.62E-06	2.19E-03	2.51E-03	7.71E-04	4.53E-06	1.56E-04	1.74E-04	1.65E-02
217	374400	3762000	Commercial	1.88E-03	1.17E-04	2.65E-03	4.67E-03	1.13E-04	3.48E-04	1.19E-04	5.48E-03	4.54E-03	5.29E-04	1.01E-03	1.35E-03	7.94E-06	1.79E-03	2.31E-03	7.09E-04	4.18E-06	1.42E-04	1.60E-04	1.38E-02
218	375400	3762000	Residential	1.33E-03	8.46E-05	1.92E-03	3.32E-03	8.16E-05	2.46E-04	8.63E-05	3.98E-03	3.29E-03	3.83E-04	7.33E-04	9.71E-04	5.72E-06	1.30E-03	1.67E-03	5.10E-04	3.01E-06	1.02E-04	1.15E-04	9.97E-03
219	376400	3762000	Residential	1.25E-03	9.02E-05	2.00E-03	3.20E-03	8.63E-05	2.28E-04	9.06E-05	4.21E-03	3.49E-03	4.05E-04	7.74E-04	1.15E-03	6.77E-06	1.46E-03	1.97E-03	6.04E-04	3.56E-06	1.20E-04	1.37E-04	1.13E-02
220	377400	3762000	Residential	1.27E-03	7.71E-05	1.76E-03	3.15E-03	7.46E-05	2.36E-04	7.91E-05	3.63E-03	3.01E-03	3.51E-04	6.70E-04	9.62E-04	5.66E-06	1.23E-03	1.65E-03	5.05E-04	2.98E-06	1.01E-04	1.14E-04	9.52E-03
221	378400	3762000	Residential	9.79E-04	4.97E-05	1.18E-03	2.35E-03	4.87E-05	1.84E-04	5.23E-05	2.37E-03	1.96E-03	2.30E-04	4.39E-04	6.01E-04	3.54E-06	7.76E-04	1.03E-03	3.15E-04	1.86E-06	6.29E-05	7.14E-05	6.00E-03
222	379400	3762000	Residential	8.27E-04	6.00E-05	1.33E-03	2.12E-03	5.74E-05	1.51E-04	6.03E-05	2.80E-03	2.32E-03	2.69E-04	5.15E-04	7.19E-04	4.23E-06	9.45E-04	1.23E-03	3.78E-04	2.23E-06	7.55E-05	8.55E-05	7.28E-03
223	380400	3762000	Residential	8.24E-04	6.08E-05	1.34E-03	2.12E-03	5.81E-05	1.50E-04	6.09E-05	2.83E-03	2.35E-03	2.72E-04	5.21E-04	7.56E-04	4.45E-06	9.75E-04	1.30E-03	3.97E-04	2.34E-06	7.93E-05	8.99E-05	7.54E-03
224	381400	3762000	Residential	9.38E-04	6.36E-05	1.43E-03	2.37E-03	6.11E-05	1.72E-04	6.44E-05	2.98E-03	2.47E-03	2.87E-04	5.49E-04	8.18E-04	4.82E-06	1.04E-03	1.40E-03	4.30E-04	2.53E-06	8.56E-05	9.72E-05	8.03E-03
225	382400	3762000	Residential	7.83E-04	6.29E-05	1.37E-03	2.06E-03	5.99E-05	1.41E-04	6.25E-05	2.91E-03	2.42E-03	2.80E-04	5.36E-04	7.85E-04	4.62E-06	1.01E-03	1.35E-03	4.12E-04	2.43E-06	8.23E-05	9.33E-05	7.83E-03
226	383400	3762000	Residential	7.99E-04	6.27E-05	1.37E-03	2.09E-03	5.97E-05	1.45E-04	6.24E-05	2.91E-03	2.41E-03	2.79E-04	5.35E-04	8.10E-04	4.77E-06	1.03E-03	1.39E-03	4.25E-04	2.51E-06	8.48E-05	9.63E-05	7.96E-03
227	384400	3762000	Residential	7.52E-04	5.75E-05	1.26E-03	1.95E-03	5.48E-05	1.37E-04	5.75E-05	2.67E-03	2.22E-03	2.57E-04	4.92E-04	7.25E-04	4.27E-06	9.29E-04	1.24E-03	3.81E-04	2.24E-06	7.59E-05	8.61E-05	7.19E-03
228	385400	3763000	Residential	3.40E-04	1.30E-05	3.33E-04	7.82E-04	1.31E-05	6.51E-05	1.44E-05	6.40E-04	5.27E-04	6.26E-05	1.19E-04	1.74E-04	1.02E-06	2.11E-04	2.98E-04	9.11E-05	5.39E-07	1.81E-05	2.06E-05	1.65E-03
229	386400	3763000	Residential	5.18E-04	1.81E-05	4.74E-04	1.18E-03	1.84E-05	9.97E-05	2.03E-05	8.96E-04	7.37E-04	8.80E-05	1.66E-04	2.07E-04	1.22E-06	2.70E-04	3.55E-04	1.09E-04	6.44E-07	2.17E-05	2.46E-05	2.08E-03
230	385400	3763000	Residential	5.42E-04	2.09E-05	5.32E-04	1.25E-03	2.10E-05	1.04E-04	2.31E-05	1.02E-03	8.45E-04	1.00E-04	1.90E-04	2.41E-04	1.42E-06	3.15E-04	4.12E-04	1.26E-04	7.47E-07	2.52E-05	2.86E-05	2.43E-03
231	386400	3763000	Residential	5.62E-04	2.59E-05	6.30E-04	1.33E-03	2.56E-05	1.06E-04	2.77E-05	1.25E-03	1.03E-03	1.21E-04	2.31E-04	2.94E-04	1.73E-06	3.91E-04	5.04E-04	1.55E-04	9.13E-07	3.09E-05	3.49E-05	3.01E-03
232	387400	3763000	Residential	6.05E-04	2.62E-05	6.46E-04	1.42E-03	2.60E-05	1.15E-04	2.83E-05	1.27E-03	1.05E-03	1.24E-04	2.35E-04	2.98E-04	1.75E-06	3.94E-04	5.10E-04	1.56E-04	9.23E-07	3.12E-05	3.53E-05	3.03E-03
233	388400	3763000	Residential	9.35E-04	2.86E-05	7.81E-04	2.09E-03	2.96E-05	1.81E-04	3.31E-05	1.44E-03	1.18E-03	1.42E-04	2.68E-04	3.14E-04	1.85E-06	4.15E-04	5.38E-04	1.65E-04	9.76E-07	3.29E-05	4.73E-05	3.20E-03
234	389400	3763000	Residential	5.72E-04	3.32E-05	7.66E-04	1.40E-03	3.22E-05	1.07E-04	3.42E-05	1.57E-03	1.30E-03	1.52E-04	2.89E-04	4.01E-04	2.36E-06	5.20E-04	6.87E-04	2.10E-04	1.24E-06	4.20E-05	3.76E-05	4.02E-03
235	370400	3763000	Residential	6.67E-04	3.25E-05	7.80E-04	1.59E-03	3.20E-05	1.26E-04	3.45E-05	1.56E-03	1.29E-03	1.51E-04	2.88E-04	3.02E-04	1.77E-06	4.48E-04	5.17E-04	1.59E-04	9.36E-07	3.20E-05	3.56E-05	3.39E-03
236	371400	3763000	Residential	7.55E-04	3.60E-05	8.68E-04	1.79E-03	3.55E-05	1.43E-04	3.82E-05	1.73E-03	1.43E-03	1.68E-04	3.20E-04	3.75E-04	2.21E-06	4.63E-04	1.97E-04	1.16E-06	3.96E-05	4.46E-05	3.99E-03	
237	372400	3763000	Commercial	1.99E-03	7.17E-05	1.86E-03	4.54E-03	7.27E-05	3.82E-04	8.02E-05	3.54E-03	2.92E-03	3.47E-04	6.58E-04	8.63E-04	5.08E-06	1.10E-03	1.48E-03	4.53E-04	2.68E-06	9.03E-05	1.02E-04	8.52E-03
238	373400	3763000	Commercial	1.31E-03	1.16E-04	2.49E-03	3.52E-03	1.10E-04	2.34E-04	1.14E-04	5.33E-03	4.43E-03	5.11E-04	9.81E-04	1.09E-03	6.42E-06	1.64E-03	1.87E-03	5.74E-04	3.38E-06	1.16E-04	1.30E-04	1.24E-02
239	374400	3763000	Commercial	8.31E-04	5.28E-05	1.20E-03	2.08E-03	5.09E-05	1.54E-04	5.39E-05	2.48E-03	2.06E-03	2.39E-04	4.58E-04	7.70E-04	4.54E-06	9.16E-04	1.32E-03	4.04E-04	2.38E-06	8.02E-05	9.16E-05	7.18E-03
240	375400	3763000	Residential	7.98E-04	4.73E-05	1.09E-03	1.97E-03	4.58E-05	1.49E-04	4.87E-05	2.23E-03	1.85E-03	2.16E-04	4.12E-04	6.57E-04	3.87E-06	7.98E-04	1.13E-03	3.45E-04	2.03E-06	6.85E-05	7.80E-05	6.23E-03
241	376400	3763000	Residential	1.53E-03	6.50E-05	1.61E-03	3.57E-03	6.47E-05	2.92E-04	7.04E-05	3.15E-03	2.60E-03	3.08E-04	5.84E-04	7.81E-04	4.60E-06	1.00E-03	1.34E-03	4.10E-04	2.42E-06	8.18E-05	9.28E-05	7.77E-03
242	377400	3763000	Residential	7.98E-04	4.59E-05	1.06E-03	1.96E-03	4.46E-05	1.49E-04	4.74E-05	2.17E-03	1.80E-03	2.10E-04	4.01E-04	5.50E-04	3.24E-06	7.17E-04	9.43E-04	2.89E-04	1.70E-06	5.77E-05	6.54E-05	5.54E-03
243	378400	3763000	Residential	8.65E-04	5.35E-05	1.22E-03	2.15E-03	5.17E-05	1.60E-04	5.47E-05	2.52E-03	2.09E-03	2.43E-04	4.64E-04	6.47E-04	3.81E-06	8.41E-04	1.11E-03	3.40E-04	2.00E-06	6.79E-05	7.69E-05	6.50E-03
244	379400	3763000	Residential	9.14E-04	4.41E-05	1.06E-03	2.17E-03	4.34E-05	1.73E-04	4.68E-05	2.12E-03	1.75E-03	2.05E-04	3.91E-04	5.18E-04	3.05E-06	6.77E-04	8.88E-04	2.72E-04	1.61E-06	5.43E-05	6.15E-05	5.22E-03
245	380400	3763000	Residential	8.34E-04	5.91E-05	1.31E-03	2.13E-03	5.66E-05	1.53E-04	5.95E-05	2.76E-03	2.29E-03	2.65E-04	5.08E-04	7.47E-04	4.39E-06	9.54E-04	1.28E-03	3.92E-04	2.31E-06	7.82E-05	8.87E-05	7.39E-03
246	381400	3763000	Residential	7.67E-04	5.70E-05	1.26E-03	1.98E-03	5.45E-05	1.40E-04	5.71E-05	2.65E-03	2.20E-03	2.55E-04	4.88E-04	7.23E-04	4.25E-06	9.23E-04	1.24E-03	3.92E-04	2.24E-06	7.57E-05	8.59E-05	7.15E-03
247	382400	3763000	Residential	8.71E-04	6.08E-05	1.36E-03	2.22E-03	5.83E-05	1.60E-04	6.13E-05	2.84E-03	2.35E-03	2.73E-04	5.23E-04	7.69E-04	4.52E-06	9.81E-04	1.32E-03	4.04E-04	2.38E-06	8.05E-05	9.13E-05	7.60E-03
248	383400	3763000	Residential	7.13E-04	5.80E-05	1.26E-03	1.88E-03	5.51E-05	1.29E-04	5.75E-05	2.68E-03	2.23E-03	2.58E-04	4.94E-04	7.56E-04	4.45E-06	9.55E-04	1.30E-03	3.97E-04	2.34E-06	7.91E-05	8.98E-05	7.41E-03
249	384400	3763000	Residential	7.10E-04	5.77E-05	1.26E-03	1.87E-03	5.48E-05	1.28E-04	5.72E-05	2.67E-03	2.22E-03	2.56E-04	4.92E-04	7.25E-04	4.27E-06	9.32E-04	1.24E-03	3.81E-04	2.24E-06	7.59E-05	8.61E-05	7.21E-03
250	385400	3764000	Residential	4.50E-04	1.65E-05	4.26E-04	1.03E-03	1.67E-05	8.64E-05	1.84E-05	8.12E-04	6.69E-04	7.96E-05	1.51E-04	1.87E-04	1.10E-06	2.46E-04	3.20E-04	9.82E-05	5.81E-07	1.96E-05	2.22E-05	1.89E-03
251	386400	3764000	Residential	9.78E-04	3.18E-05	8.51E-04	2.21E-03	3.26E-05	1.89E-04	3.63E-05	1.59E-03	1.31E-03	1.56E-04	2.95E-04	3.54E-04	2.08E-06	4.65E-04	6.05E-04	1.85E-04	1.10E-0			

**Table 2-4.1  
Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project  
Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(µg/m <sup>3</sup> )																			
285	376400	3765000	Residential	5.38E-04	2.85E-05	6.70E-04	1.30E-03	2.78E-05	1.01E-04	2.98E-05	1.36E-03	1.12E-03	1.31E-04	2.50E-04	3.00E-04	1.76E-06	4.16E-04	5.14E-04	1.58E-04	9.29E-07	3.16E-05	3.56E-05	3.18E-03
286	377400	3765000	Residential	7.95E-04	3.32E-05	8.27E-04	1.85E-03	3.31E-05	1.52E-04	3.60E-05	1.61E-03	1.33E-03	1.57E-04	2.99E-04	3.71E-04	2.18E-06	4.93E-04	6.35E-04	1.95E-04	1.15E-06	3.89E-05	4.40E-05	3.80E-03
287	378400	3765000	Residential/Commercial	6.97E-04	3.39E-05	8.14E-04	1.66E-03	3.34E-05	1.32E-04	3.59E-05	1.63E-03	1.34E-03	1.58E-04	3.01E-04	3.75E-04	2.21E-06	5.06E-04	6.43E-04	1.97E-04	1.16E-06	3.95E-05	4.46E-05	3.88E-03
288	379400	3765000	Residential/Commercial	7.78E-04	4.17E-05	9.79E-04	1.88E-03	4.07E-05	1.46E-04	4.35E-05	1.98E-03	1.64E-03	1.92E-04	3.66E-04	4.55E-04	2.68E-06	6.21E-04	7.81E-04	2.39E-04	1.41E-06	4.80E-05	5.41E-05	4.76E-03
289	380400	3765000	Residential	8.64E-04	5.13E-05	1.18E-03	2.13E-03	4.97E-05	1.61E-04	5.28E-05	2.42E-03	2.01E-03	2.34E-04	4.47E-04	6.18E-04	3.64E-06	8.05E-04	1.06E-03	3.25E-04	1.91E-06	6.48E-05	7.34E-05	6.21E-03
290	381400	3765000	Residential	8.33E-04	3.78E-05	9.23E-04	1.96E-03	3.75E-05	1.58E-04	4.05E-05	1.83E-03	1.51E-03	1.78E-04	3.38E-04	4.52E-04	2.66E-06	5.84E-04	7.74E-04	2.37E-04	1.40E-06	4.73E-05	5.65E-05	4.52E-03
291	382400	3765000	Commercial	6.77E-04	4.28E-05	9.72E-04	1.69E-03	4.13E-05	1.25E-04	4.37E-05	2.01E-03	1.67E-03	1.94E-04	3.71E-04	5.28E-04	3.11E-06	6.81E-04	9.05E-04	2.77E-04	1.63E-06	5.53E-05	6.27E-05	5.26E-03
292	383400	3765000	Residential/Commercial	6.96E-04	5.29E-05	1.16E-03	1.81E-03	5.05E-05	1.26E-04	5.29E-05	2.46E-03	2.04E-03	2.36E-04	4.53E-04	6.59E-04	3.88E-06	8.50E-04	1.13E-03	3.46E-04	2.04E-06	6.91E-05	7.84E-05	6.57E-03
293	384400	3765000	Residential	6.33E-04	4.77E-05	1.05E-03	1.64E-03	4.55E-05	1.15E-04	4.77E-05	2.22E-03	1.84E-03	2.13E-04	4.08E-04	6.05E-04	3.56E-06	7.73E-04	1.04E-03	3.18E-04	1.87E-06	6.34E-05	7.19E-05	5.98E-03
294	363400	3766000	Residential/Commercial	6.23E-04	3.48E-05	8.11E-04	1.52E-03	3.39E-05	1.17E-04	3.61E-05	1.65E-03	1.37E-03	1.60E-04	3.05E-04	3.73E-04	2.20E-06	5.15E-04	6.40E-04	1.96E-04	1.16E-06	3.94E-05	4.44E-05	3.94E-03
295	364400	3766000	Commercial	6.43E-04	3.04E-05	7.34E-04	1.52E-03	3.00E-05	1.22E-04	3.23E-05	1.46E-03	1.21E-03	1.42E-04	2.70E-04	3.56E-04	2.09E-06	4.66E-04	6.10E-04	1.87E-04	1.10E-06	3.73E-05	4.23E-05	3.59E-03
296	365400	3766000	Residential/Commercial	1.06E-03	2.65E-05	7.76E-04	2.33E-03	2.82E-05	2.07E-04	3.23E-05	1.37E-03	1.12E-03	1.37E-04	2.57E-04	3.31E-04	1.95E-06	4.03E-04	5.67E-04	1.74E-04	1.03E-06	3.45E-05	3.93E-05	3.15E-03
297	366400	3766000	Residential	1.20E-03	3.15E-05	9.06E-04	2.65E-03	3.32E-05	2.34E-04	3.79E-05	1.62E-03	1.33E-03	1.61E-04	3.02E-04	3.48E-04	2.05E-06	4.52E-04	5.96E-04	1.83E-04	1.08E-06	3.65E-05	4.13E-05	3.49E-03
298	367400	3766000	Residential	9.09E-04	3.25E-05	8.45E-04	2.07E-03	3.30E-05	1.75E-04	3.64E-05	1.61E-03	1.32E-03	1.58E-04	2.98E-04	3.73E-04	2.19E-06	4.86E-04	6.38E-04	1.96E-04	1.16E-06	3.91E-05	4.42E-05	3.75E-03
299	368400	3766000	Residential	7.84E-04	3.85E-05	9.21E-04	1.87E-03	3.78E-05	1.48E-04	4.07E-05	1.84E-03	1.52E-03	1.79E-04	3.41E-04	3.63E-04	2.14E-06	5.34E-04	6.23E-04	1.91E-04	1.13E-06	3.85E-05	4.31E-05	4.05E-03
300	369400	3766000	Residential	6.27E-04	2.27E-05	5.88E-04	1.43E-03	2.30E-05	1.21E-04	2.53E-05	1.12E-03	9.21E-04	1.10E-04	2.08E-04	2.47E-04	1.45E-06	3.31E-04	4.23E-04	1.30E-04	7.67E-07	2.59E-05	2.93E-05	2.54E-03
301	370400	3766000	Residential	5.05E-04	2.47E-05	5.92E-04	1.20E-03	2.43E-05	9.53E-05	2.61E-05	1.18E-03	9.79E-04	1.15E-04	2.19E-04	2.58E-04	1.52E-06	3.59E-04	4.42E-04	1.35E-04	7.99E-07	2.72E-05	3.06E-05	2.74E-03
302	371400	3766000	Commercial	5.19E-04	3.09E-05	7.11E-04	1.28E-03	3.00E-05	9.66E-05	3.18E-05	1.46E-03	1.21E-03	1.41E-04	2.89E-04	3.43E-04	2.02E-06	4.66E-04	5.88E-04	1.80E-04	1.06E-06	3.61E-05	4.07E-05	3.57E-03
303	372400	3766000	Commercial	4.41E-04	2.55E-05	5.89E-04	1.08E-03	2.48E-05	8.22E-05	2.63E-05	1.21E-03	9.99E-04	1.17E-04	2.23E-04	2.96E-04	1.74E-06	3.92E-04	5.08E-04	1.56E-04	1.95E-07	3.11E-05	3.52E-05	3.02E-03
304	373400	3766000	Residential/Commercial	4.14E-04	2.67E-05	6.04E-04	1.04E-03	2.57E-05	7.64E-05	2.72E-05	1.25E-03	1.04E-03	1.21E-04	2.31E-04	2.77E-04	1.63E-06	3.91E-04	4.75E-04	1.46E-04	8.58E-07	2.93E-05	3.29E-05	2.98E-03
305	374400	3766000	Residential	4.08E-04	2.43E-05	5.58E-04	1.01E-03	2.35E-05	7.59E-05	2.50E-05	1.14E-03	9.48E-04	1.11E-04	2.11E-04	2.93E-04	1.72E-06	3.80E-04	5.02E-04	1.54E-04	9.05E-07	3.07E-05	3.48E-05	2.94E-03
306	375400	3766000	Residential	4.04E-04	2.59E-05	5.86E-04	1.01E-03	2.49E-05	7.47E-05	2.64E-05	1.21E-03	1.01E-03	1.17E-04	2.24E-04	2.88E-04	1.68E-06	3.90E-04	4.91E-04	1.50E-04	8.86E-07	3.01E-05	3.40E-05	2.99E-03
307	376400	3766000	Residential	4.47E-04	2.88E-05	6.52E-04	1.12E-03	2.77E-05	8.25E-05	2.93E-05	1.35E-03	1.12E-03	1.30E-04	2.49E-04	3.29E-04	1.93E-06	4.41E-04	5.63E-04	1.73E-04	1.02E-06	3.46E-05	3.90E-05	3.38E-03
308	377400	3766000	Residential	8.08E-04	3.92E-05	9.42E-04	1.92E-03	3.86E-05	1.53E-04	4.15E-05	1.88E-03	1.55E-03	1.83E-04	3.48E-04	4.20E-04	2.47E-06	5.76E-04	7.20E-04	2.21E-04	1.30E-06	4.43E-05	4.99E-05	4.41E-03
309	378400	3766000	Residential	7.56E-04	4.16E-05	9.72E-04	1.84E-03	4.06E-05	1.42E-04	4.33E-05	1.98E-03	1.64E-03	1.91E-04	3.85E-04	4.83E-04	2.84E-06	6.38E-04	8.27E-04	2.53E-04	1.07E-06	5.07E-05	5.73E-05	4.92E-03
310	379400	3766000	Residential	6.57E-04	3.90E-05	8.96E-04	1.62E-03	3.78E-05	1.22E-04	4.01E-05	1.84E-03	1.52E-03	1.78E-04	3.40E-04	4.59E-04	2.70E-06	6.04E-04	7.87E-04	2.41E-04	1.42E-06	4.82E-05	5.45E-05	4.66E-03
311	380400	3766000	Residential	8.21E-04	4.19E-05	9.95E-04	1.97E-03	4.11E-05	1.55E-04	4.41E-05	2.00E-03	1.65E-03	1.94E-04	3.70E-04	4.36E-04	2.56E-06	6.08E-04	7.47E-04	2.29E-04	1.35E-06	4.60E-05	5.18E-05	4.64E-03
312	381400	3766000	Residential	7.71E-04	4.81E-05	1.09E-03	1.92E-03	4.64E-05	1.43E-04	4.91E-05	2.26E-03	1.87E-03	2.18E-04	4.17E-04	5.78E-04	3.40E-06	7.55E-04	9.91E-04	3.04E-04	1.79E-06	6.07E-05	6.87E-05	5.82E-03
313	382400	3766000	Residential	7.56E-04	3.39E-05	8.29E-04	1.78E-03	3.36E-05	1.44E-04	3.64E-05	1.64E-03	1.35E-03	1.69E-04	3.03E-04	4.05E-04	2.38E-06	5.23E-04	6.95E-04	2.13E-04	1.26E-06	4.25E-05	4.81E-05	4.04E-03
314	383400	3766000	Residential	6.16E-04	3.54E-05	8.19E-04	1.51E-03	3.44E-05	1.15E-04	3.66E-05	1.67E-03	1.39E-03	1.62E-04	3.09E-04	4.33E-04	2.55E-06	5.59E-04	7.41E-04	2.27E-04	1.34E-06	4.53E-05	5.14E-05	4.32E-03
315	384400	3766000	Commercial	6.40E-04	4.77E-05	1.05E-03	1.65E-03	4.56E-05	1.17E-04	4.78E-05	2.22E-03	1.84E-03	2.13E-04	4.09E-04	6.08E-04	3.58E-06	7.75E-04	1.04E-03	3.19E-04	1.88E-06	6.36E-05	7.22E-05	6.00E-03
316	363400	3767000	Residential/Commercial	4.81E-04	2.63E-05	6.15E-04	1.17E-03	2.56E-05	9.01E-05	2.74E-05	1.25E-03	1.03E-03	1.21E-04	2.31E-04	3.22E-04	1.89E-06	4.16E-04	5.51E-04	1.69E-04	9.98E-07	3.37E-05	3.82E-05	3.21E-03
317	364400	3767000	Residential	1.05E-03	2.57E-05	7.59E-04	2.31E-03	2.74E-05	2.06E-04	2.51E-05	1.34E-03	1.09E-03	1.33E-04	2.50E-04	3.17E-04	1.86E-06	3.87E-04	5.41E-04	1.66E-04	9.85E-07	3.29E-05	3.75E-05	3.02E-03
318	365400	3767000	Commercial	9.02E-04	2.58E-05	7.21E-04	2.01E-03	2.69E-05	1.75E-04	3.04E-05	1.31E-03	1.08E-03	1.30E-04	2.45E-04	3.14E-04	1.84E-06	3.91E-04	5.37E-04	1.64E-04	9.74E-07	3.27E-05	3.72E-05	3.05E-03
319	366400	3767000	Commercial	1.20E-03	3.18E-05	9.12E-04	2.65E-03	3.35E-05	2.34E-04	3.81E-05	1.63E-03	1.34E-03	1.62E-04	3.05E-04	3.38E-04	1.99E-06	4.48E-04	5.78E-04	1.77E-04	1.05E-06	3.54E-05	4.01E-05	3.45E-03
320	367400	3767000	Commercial	7.43E-04	5.66E-05	1.24E-03	1.93E-03	5.40E-05	1.35E-04	5.65E-05	2.63E-03	2.18E-03	2.53E-04	4.84E-04	6.32E-04	3.72E-06	8.62E-04	1.08E-03	3.32E-04	1.96E-06	6.66E-05	7.51E-05	6.60E-03
321	368400	3767000	Residential	1.02E-03	3.09E-05	8.47E-04	2.28E-03	3.20E-05	1.97E-04	3.59E-05	1.56E-03	1.28E-03	1.54E-04	2.90E-04	3.32E-04	1.95E-06	4.43E-04	5.69E-04	1.74E-04	1.03E-06	3.49E-05	3.94E-05	3.41E-03
322	369400	3767000	Residential	6.65E-04	3.59E-05	8.42E-04	1.61E-03	3.50E-05	1.25E-04	3.74E-05	1.71E-03	1.41E-03	1.65E-04	3.15E-04	4.84E-04	2.85E-06	5.96E-04	8.29E-04	2.54E-04	1.50E-06	5.05E-05	5.74E-05	4.64E-03
323	370400	3767000	Residential	1.03E-03	3.23E-05	8.75E-04	2.32E-03	3.33E-05	1.99E-04	3.72E-05													

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				( $\mu\text{g}/\text{m}^3$ )																			
356	370900	3751500	Commercial	1.78E-03	5.92E-05	1.57E-03	4.03E-03	6.06E-05	3.44E-04	6.73E-05	2.95E-03	2.43E-03	2.90E-04	5.49E-04	7.09E-04	4.16E-06	9.01E-04	1.21E-03	3.71E-04	2.20E-06	7.41E-05	8.40E-05	6.98E-03
357	371900	3751500	Residential	9.36E-04	3.41E-05	8.82E-04	2.14E-03	3.45E-05	1.80E-04	3.80E-05	1.68E-03	1.38E-03	1.65E-04	4.39E-04	2.58E-06	5.41E-04	7.51E-04	2.30E-04	1.36E-06	4.58E-05	5.21E-05	4.21E-03	
358	372900	3751500	Residential	1.20E-03	4.58E-05	1.17E-03	2.77E-03	4.62E-05	2.31E-04	5.07E-05	2.25E-03	1.85E-03	2.20E-04	4.17E-04	2.90E-06	6.67E-04	8.45E-04	2.59E-04	1.53E-06	5.19E-05	5.86E-05	5.12E-03	
359	373900	3751500	Residential	1.37E-03	4.83E-05	1.26E-03	3.12E-03	4.91E-05	2.63E-04	5.42E-05	2.39E-03	1.97E-03	2.35E-04	4.44E-04	5.04E-04	2.96E-06	6.89E-04	8.63E-04	2.65E-04	1.57E-06	5.30E-05	5.98E-05	5.28E-03
360	374900	3751500	Commercial	1.10E-03	4.32E-05	1.10E-03	2.55E-03	4.34E-05	2.11E-04	4.75E-05	2.11E-03	1.74E-03	2.07E-04	3.92E-04	4.52E-04	2.66E-06	6.21E-04	7.75E-04	2.37E-04	1.40E-06	4.76E-05	5.37E-05	4.76E-03
361	375900	3751500	Residential	1.35E-03	3.75E-05	1.06E-03	2.99E-03	3.92E-05	2.61E-04	4.44E-05	1.91E-03	1.57E-03	1.89E-04	3.56E-04	3.82E-04	2.24E-06	5.20E-04	6.54E-04	2.00E-04	1.19E-06	4.01E-05	4.53E-05	3.99E-03
362	376900	3751500	Residential	9.61E-04	3.63E-05	9.30E-04	2.21E-03	3.66E-05	1.84E-04	4.02E-05	1.78E-03	1.47E-03	1.75E-04	3.31E-04	4.12E-04	2.42E-06	5.42E-04	7.06E-04	2.16E-04	1.28E-06	4.32E-05	4.89E-05	4.18E-03
363	377900	3751500	Residential	8.42E-04	2.94E-05	7.71E-04	1.92E-03	2.99E-05	1.62E-04	3.31E-05	1.46E-03	1.20E-03	1.43E-04	2.71E-04	2.99E-04	1.76E-06	4.14E-04	5.11E-04	1.57E-04	9.28E-07	3.15E-05	3.54E-05	3.17E-03
364	378900	3751500	Residential/Commercial	6.69E-04	3.12E-05	7.57E-04	1.58E-03	3.08E-05	1.27E-04	3.33E-05	1.50E-03	1.24E-03	1.46E-04	2.78E-04	3.42E-04	2.01E-06	4.63E-04	5.86E-04	1.79E-04	1.06E-06	3.59E-05	4.06E-05	3.55E-03
365	379900	3751500	Residential	7.44E-04	3.10E-05	7.72E-04	1.73E-03	3.09E-05	1.42E-04	3.37E-05	1.51E-03	1.24E-03	1.47E-04	2.79E-04	3.32E-04	1.95E-06	4.52E-04	5.69E-04	1.75E-04	1.03E-06	3.50E-05	3.94E-05	3.47E-03
366	380900	3751500	Residential	5.95E-04	2.45E-05	6.14E-04	1.38E-03	2.45E-05	1.14E-04	2.67E-05	1.19E-03	9.85E-04	1.17E-04	2.21E-04	2.80E-04	1.65E-06	3.69E-04	4.80E-04	1.47E-04	8.69E-07	2.94E-05	3.33E-05	2.84E-03
367	381900	3751500	Commercial	4.81E-04	3.14E-05	7.08E-04	1.21E-03	3.02E-05	8.89E-05	3.19E-05	1.47E-03	1.22E-03	1.42E-04	2.71E-04	3.40E-04	2.00E-06	4.69E-04	5.84E-04	1.79E-04	1.05E-06	3.59E-05	4.04E-05	3.59E-03
368	382900	3751500	Commercial	4.00E-04	2.62E-05	5.90E-04	1.01E-03	2.52E-05	7.38E-05	2.66E-05	1.23E-03	1.02E-03	1.18E-04	2.26E-04	2.91E-04	1.71E-06	3.96E-04	4.99E-04	1.53E-04	9.01E-07	3.06E-05	3.46E-05	3.03E-03
369	383900	3751500	Residential	3.52E-04	2.22E-05	5.05E-04	8.78E-04	2.15E-05	6.52E-05	2.27E-05	1.05E-03	8.66E-04	1.01E-04	1.93E-04	2.54E-04	1.49E-06	3.40E-04	4.35E-04	1.33E-04	7.85E-07	2.67E-05	3.01E-05	2.61E-03
370	384900	3751500	Residential	3.31E-04	1.77E-05	4.15E-04	8.00E-04	1.72E-05	6.20E-05	1.84E-05	8.40E-04	6.95E-04	8.14E-05	1.55E-04	1.95E-04	1.15E-06	2.65E-04	3.35E-04	1.03E-04	6.05E-07	2.05E-05	2.32E-05	2.03E-03
371	386900	3752500	Commercial	1.45E-03	4.80E-05	1.28E-03	3.27E-03	4.92E-05	2.79E-04	5.46E-05	2.40E-03	1.97E-03	2.62E-04	4.45E-04	6.69E-04	3.93E-06	7.92E-04	1.14E-03	3.50E-04	2.07E-06	6.95E-05	7.93E-05	6.22E-03
372	389900	3752500	Commercial	7.60E-04	2.86E-05	7.32E-04	1.74E-03	2.88E-05	1.46E-04	3.17E-05	1.40E-03	1.16E-03	1.37E-04	2.60E-04	3.84E-04	2.26E-06	4.65E-04	6.58E-04	2.01E-04	1.19E-06	4.00E-05	4.56E-05	3.63E-03
373	370900	3752500	Commercial	1.57E-03	4.91E-05	1.33E-03	3.53E-03	5.06E-05	3.03E-04	5.66E-05	2.47E-03	2.03E-03	2.43E-04	4.59E-04	4.84E-04	2.85E-06	6.78E-04	8.29E-04	2.54E-04	1.51E-06	5.10E-05	5.74E-05	5.18E-03
374	371900	3752500	Commercial	1.07E-03	4.04E-05	1.03E-03	2.45E-03	4.07E-05	2.04E-04	4.47E-05	1.98E-03	1.63E-03	1.94E-04	3.68E-04	5.13E-04	3.01E-06	6.38E-04	8.79E-04	2.69E-04	1.59E-06	5.35E-05	6.08E-05	4.96E-03
375	372900	3752500	Residential	1.66E-03	5.90E-05	1.54E-03	3.78E-03	5.99E-05	3.19E-04	6.61E-05	2.92E-03	2.40E-03	2.86E-04	5.42E-04	6.23E-04	3.66E-06	8.47E-04	1.07E-03	3.27E-04	1.94E-06	6.55E-05	7.40E-05	6.49E-03
376	373900	3752500	Residential	1.84E-03	5.87E-05	1.58E-03	4.15E-03	6.03E-05	3.58E-04	6.73E-05	3.29E-03	2.42E-03	2.90E-04	5.47E-04	5.77E-04	3.39E-06	8.08E-04	9.87E-04	3.03E-04	1.79E-06	6.08E-05	6.84E-05	6.17E-03
377	374900	3752500	Residential/Commercial	1.89E-03	5.02E-05	1.44E-03	4.18E-03	5.29E-05	3.68E-04	6.02E-05	2.58E-03	2.11E-03	2.56E-04	4.81E-04	5.33E-04	3.13E-06	7.07E-04	9.12E-04	2.80E-04	1.66E-06	5.59E-05	6.32E-05	5.45E-03
378	375900	3752500	Residential/Commercial	1.30E-03	4.14E-05	1.12E-03	2.93E-03	4.26E-05	2.52E-04	4.75E-05	2.07E-03	1.70E-03	2.04E-04	3.86E-04	4.53E-04	2.66E-06	6.01E-04	7.76E-04	2.38E-04	1.41E-06	4.75E-05	5.38E-05	4.63E-03
379	376900	3752500	Residential	1.12E-03	4.01E-05	1.04E-03	2.56E-03	4.07E-05	2.16E-04	4.49E-05	1.98E-03	1.63E-03	1.94E-04	3.88E-04	3.81E-04	2.24E-06	5.49E-04	6.53E-04	2.00E-04	1.19E-06	4.03E-05	4.52E-05	4.17E-03
380	377900	3752500	Residential	1.01E-03	3.84E-05	9.83E-04	2.33E-03	3.87E-05	1.94E-04	4.25E-05	1.89E-03	1.55E-03	1.85E-04	3.50E-04	4.11E-04	2.41E-06	5.57E-04	7.03E-04	2.15E-04	1.27E-06	4.32E-05	4.87E-05	4.27E-03
381	378900	3752500	Commercial	8.63E-04	3.76E-05	9.27E-04	2.02E-03	3.74E-05	1.64E-04	4.06E-05	1.82E-03	1.50E-03	1.77E-04	3.37E-04	3.91E-04	2.30E-06	5.42E-04	6.70E-04	2.05E-04	1.21E-06	4.12E-05	4.64E-05	4.15E-03
382	379900	3752500	Residential	6.49E-04	3.49E-05	8.18E-04	1.57E-03	3.40E-05	1.22E-04	3.64E-05	1.66E-03	1.37E-03	1.61E-04	3.06E-04	3.87E-04	2.28E-06	5.24E-04	6.64E-04	2.03E-04	1.20E-06	4.07E-05	4.60E-05	4.02E-03
383	380900	3752500	Residential	5.10E-04	3.29E-05	7.44E-04	1.28E-03	3.17E-05	9.43E-05	3.35E-05	1.54E-03	1.28E-03	1.49E-04	2.84E-04	3.70E-04	2.18E-06	5.00E-04	6.35E-04	1.95E-04	1.15E-06	3.90E-05	4.43E-05	3.84E-03
384	381900	3752500	Commercial	6.94E-04	3.35E-05	8.06E-04	1.65E-03	3.30E-05	1.31E-04	3.55E-05	1.61E-03	1.33E-03	1.56E-04	2.97E-04	3.66E-04	2.16E-06	4.97E-04	6.28E-04	1.92E-04	1.14E-06	3.86E-05	4.35E-05	3.81E-03
385	382900	3752500	Residential	6.38E-04	3.05E-05	7.35E-04	1.51E-03	3.01E-05	1.21E-04	3.24E-05	1.46E-03	1.21E-03	1.42E-04	2.71E-04	3.23E-04	1.90E-06	4.46E-04	5.54E-04	1.70E-04	1.00E-06	3.40E-05	3.84E-05	3.41E-03
386	383900	3752500	Commercial	3.78E-04	2.05E-05	4.81E-04	9.18E-04	2.00E-05	7.09E-05	2.14E-05	9.67E-04	8.08E-04	9.46E-05	1.80E-04	2.28E-04	1.34E-06	3.08E-04	3.90E-04	1.20E-04	7.06E-07	2.40E-05	2.70E-05	2.37E-03
387	384900	3752500	Residential	3.50E-04	2.02E-05	4.67E-04	8.59E-04	1.96E-05	6.53E-05	2.08E-05	9.55E-04	7.91E-04	9.23E-05	1.76E-04	2.37E-04	1.40E-06	3.12E-04	4.07E-04	1.25E-04	7.35E-07	2.49E-05	2.82E-05	2.41E-03
388	386900	3753500	Commercial	6.01E-04	2.95E-05	7.06E-04	1.43E-03	2.90E-05	1.13E-04	3.12E-05	1.41E-03	1.17E-03	1.37E-04	2.61E-04	3.55E-04	2.09E-06	4.59E-04	6.09E-04	1.86E-04	1.10E-06	3.72E-05	4.22E-05	3.55E-03
389	389900	3753500	Commercial	1.46E-03	4.60E-05	1.24E-03	3.28E-03	4.74E-05	2.82E-04	5.30E-05	2.31E-03	1.90E-03	2.28E-04	4.30E-04	5.71E-04	3.35E-06	7.12E-04	9.76E-04	2.99E-04	1.77E-06	5.95E-05	6.77E-05	5.54E-03
390	369900	3753500	Commercial	1.73E-03	5.12E-05	1.41E-03	3.87E-03	5.31E-05	3.36E-04	5.97E-05	2.59E-03	2.12E-03	2.56E-04	4.82E-04	6.84E-04	4.02E-06	8.20E-04	1.17E-03	3.58E-04	2.13E-06	7.12E-05	8.12E-05	6.43E-03
391	370900	3753500	Commercial	1.18E-03	4.80E-05	1.20E-03	2.74E-03	4.80E-05	2.26E-04	5.24E-05	2.34E-03	1.93E-03	2.28E-04	4.34E-04	5.61E-04	3.30E-06	7.30E-04	9.62E-04	2.94E-04	1.74E-06	5.88E-05	6.66E-05	5.63E-03
392	371900	3753500	Commercial	1.60E-03	4.84E-05	1.33E-03	3.59E-03	5.01E-05	3.10E-04	5.62E-05	2.44E-03	2.00E-03	2.41E-04	4.54E-04	5.64E-04	3.32E-06	7.20E-04	9.66E-04	2.96E-04	1.75E-06	5.90E-05	6.69E-05	5.58E-03
393	372900	3753500	Residential	2.58E-03	8.51E-05	2.27E-03	5.83E-03	7.91E-05	4.98E-04	9.69E-05	4.25E-03	3.49E-03	4.18E-04	7.89E-04	9.10E-04	5.35E-06	1.22E-03	1.56E-03	4.78E-04	2.83E-06	9.5		

Table 2-4.1  
 Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project  
 Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(µg/m <sup>3</sup> )																			
427	375900	3755500	Residential	1.09E-03	8.80E-05	1.92E-03	2.87E-03	8.37E-05	1.97E-04	8.73E-05	4.08E-03	3.38E-03	3.91E-04	7.50E-04	9.66E-04	5.69E-06	1.33E-03	1.66E-03	5.08E-04	2.99E-06	1.02E-04	1.15E-04	1.02E-02
428	376900	3755500	Residential	1.12E-03	5.81E-05	1.37E-03	2.70E-03	5.69E-05	2.11E-04	6.09E-05	2.77E-03	2.29E-03	2.69E-04	5.12E-04	7.09E-04	4.17E-06	9.13E-04	1.21E-03	3.72E-04	2.20E-06	7.42E-05	8.42E-05	7.06E-03
429	377900	3755500	Residential	1.47E-03	5.88E-05	1.48E-03	3.40E-03	5.89E-05	2.81E-04	6.44E-05	2.87E-03	2.37E-03	2.81E-04	5.32E-04	6.97E-04	4.10E-06	9.00E-04	1.19E-03	3.65E-04	2.16E-06	7.29E-05	8.27E-05	6.96E-03
430	378900	3755500	Residential	1.61E-03	6.81E-05	1.69E-03	3.76E-03	6.79E-05	3.08E-04	7.39E-05	3.31E-03	2.73E-03	3.23E-04	6.13E-04	9.31E-04	5.48E-06	1.13E-03	1.60E-03	4.88E-04	2.89E-06	9.70E-05	1.11E-04	8.80E-03
431	379900	3755500	Residential	1.44E-03	7.26E-05	1.73E-03	3.45E-03	7.12E-05	2.72E-04	7.65E-05	3.47E-03	2.87E-03	3.37E-04	6.42E-04	9.56E-04	5.63E-06	1.18E-03	1.64E-03	5.02E-04	2.96E-06	9.98E-05	1.14E-04	9.22E-03
432	380900	3755500	Residential	1.25E-03	5.56E-05	1.36E-03	2.93E-03	5.52E-05	2.37E-04	5.98E-05	2.69E-03	2.22E-03	2.62E-04	4.98E-04	7.71E-04	4.54E-06	9.28E-04	1.32E-03	4.04E-04	2.39E-06	8.03E-05	9.16E-05	7.26E-03
433	381900	3755500	Residential	1.10E-03	4.68E-05	1.16E-03	2.58E-03	4.67E-05	2.10E-04	5.07E-05	2.27E-03	1.88E-03	2.22E-04	4.21E-04	5.76E-04	3.39E-06	7.33E-04	9.86E-04	3.02E-04	1.79E-06	6.02E-05	6.83E-05	5.68E-03
434	382900	3755500	Residential	7.52E-04	3.11E-05	7.78E-04	1.75E-03	3.11E-05	1.43E-04	3.39E-05	1.52E-03	1.25E-03	1.48E-04	2.81E-04	3.72E-04	2.19E-06	4.79E-04	6.37E-04	1.95E-04	1.15E-06	3.89E-05	4.41E-05	3.71E-03
435	383900	3755500	Residential	4.53E-04	2.53E-05	5.90E-04	1.10E-03	2.47E-05	8.47E-05	2.63E-05	1.20E-03	9.95E-04	1.16E-04	2.22E-04	3.18E-04	1.87E-06	4.05E-04	5.45E-04	1.67E-04	9.86E-07	3.33E-05	3.78E-05	3.14E-03
436	384900	3755500	Residential	4.01E-04	2.23E-05	5.19E-04	9.76E-04	2.17E-05	7.49E-05	2.31E-05	1.06E-03	8.74E-04	1.02E-04	1.95E-04	2.78E-04	1.63E-06	3.54E-04	4.76E-04	1.46E-04	8.60E-07	2.91E-05	3.30E-05	2.75E-03
437	385900	3755500	Fenceline	8.14E-04	5.25E-05	1.19E-03	2.04E-03	5.06E-05	1.50E-04	5.34E-05	2.46E-03	2.04E-03	2.38E-04	4.54E-04	6.96E-04	4.09E-06	8.66E-04	1.19E-03	3.65E-04	2.15E-06	7.27E-05	8.27E-05	6.74E-03
438	373900	3756500	Residential/Commercial	3.40E-03	2.10E-04	4.79E-03	8.45E-03	2.03E-04	6.31E-04	2.15E-04	9.88E-03	8.19E-03	9.54E-04	1.82E-03	2.11E-03	1.24E-05	3.02E-03	3.62E-03	1.11E-03	6.54E-06	2.23E-04	2.50E-04	2.30E-02
439	374900	3756500	Residential	2.07E-03	1.24E-04	2.85E-03	5.11E-03	1.20E-04	3.84E-04	1.28E-04	5.87E-03	4.86E-03	5.67E-04	1.08E-03	1.46E-03	8.60E-06	1.93E-03	2.51E-03	7.68E-04	4.53E-06	1.53E-04	1.74E-04	1.48E-02
440	375900	3756500	Residential	1.58E-03	9.65E-05	2.21E-03	3.92E-03	9.33E-05	2.93E-04	9.89E-05	4.55E-03	3.77E-03	4.39E-04	8.39E-04	1.18E-03	6.93E-06	1.52E-03	2.02E-03	6.18E-04	3.65E-06	1.23E-04	1.40E-04	1.18E-02
441	376900	3756500	Residential	1.92E-03	8.27E-05	2.04E-03	4.48E-03	8.23E-05	3.65E-04	8.94E-05	4.01E-03	3.31E-03	3.91E-04	7.43E-04	9.75E-04	5.74E-06	1.27E-03	1.67E-03	5.12E-04	3.02E-06	1.02E-04	1.16E-04	9.78E-03
442	377900	3756500	Residential	2.68E-03	9.98E-05	2.56E-03	6.14E-03	1.03E-04	5.13E-04	1.11E-04	4.91E-03	4.04E-03	4.81E-04	9.11E-04	1.25E-03	7.35E-06	1.56E-03	2.14E-03	6.55E-04	3.88E-06	1.30E-04	1.48E-04	1.22E-02
443	378900	3756500	Residential	2.23E-03	8.14E-05	2.10E-03	5.10E-03	8.24E-05	4.28E-04	9.07E-05	4.01E-03	3.30E-03	3.93E-04	7.45E-04	1.30E-03	7.66E-06	1.46E-03	2.23E-03	6.82E-04	4.04E-06	1.35E-04	1.55E-04	1.15E-02
444	379900	3756500	Residential	1.75E-03	6.71E-05	1.71E-03	4.04E-03	6.76E-05	3.36E-04	7.41E-05	3.28E-03	2.71E-03	3.22E-04	6.11E-04	1.09E-03	6.42E-06	1.21E-03	1.87E-03	5.72E-04	3.31E-06	1.13E-04	1.30E-04	9.64E-03
445	380900	3756500	Residential	1.27E-03	5.33E-05	1.33E-03	2.95E-03	5.31E-05	2.41E-04	5.78E-05	2.59E-03	2.14E-03	2.53E-04	4.80E-04	7.45E-04	4.38E-06	8.90E-04	1.28E-03	3.90E-04	2.31E-06	7.75E-05	8.84E-05	6.97E-03
446	381900	3756500	Residential	1.14E-03	4.31E-05	1.10E-03	2.61E-03	4.35E-05	2.18E-04	4.77E-05	2.12E-03	1.74E-03	2.07E-04	3.93E-04	5.19E-04	3.05E-06	6.63E-04	8.88E-04	2.72E-04	1.61E-06	5.43E-05	6.16E-05	5.14E-03
447	382900	3756500	Residential	8.32E-04	3.25E-05	8.25E-04	1.92E-03	3.27E-05	1.59E-04	3.58E-05	1.59E-03	1.31E-03	1.56E-04	2.95E-04	3.85E-04	2.26E-06	4.96E-04	6.59E-04	2.02E-04	1.19E-06	4.03E-05	4.57E-05	3.84E-03
448	383900	3756500	Residential	6.72E-04	2.66E-05	6.73E-04	1.55E-03	2.67E-05	1.29E-04	2.92E-05	1.30E-03	1.07E-03	1.27E-04	2.41E-04	3.17E-04	1.86E-06	4.08E-04	5.43E-04	1.66E-04	9.83E-07	3.32E-05	3.76E-05	3.16E-03
449	384900	3756500	Residential	5.80E-04	2.35E-05	5.90E-04	1.35E-03	2.35E-05	1.11E-04	2.56E-05	1.14E-03	9.44E-04	1.12E-04	2.12E-04	2.81E-04	1.65E-06	3.61E-04	4.81E-04	1.47E-04	7.81E-07	2.94E-05	3.33E-05	2.79E-03
450	373900	3757500	Residential	3.75E-03	2.82E-04	6.21E-03	9.70E-03	2.69E-04	6.82E-04	2.82E-04	1.31E-02	1.09E-02	1.26E-03	2.41E-03	2.86E-03	1.69E-05	4.11E-03	4.91E-03	1.51E-03	8.86E-06	3.03E-04	3.40E-04	3.12E-02
451	374900	3757500	Residential	2.22E-03	1.71E-04	3.74E-03	5.78E-03	1.63E-04	4.03E-04	1.70E-04	7.92E-03	6.57E-03	7.61E-04	1.46E-03	2.09E-03	1.21E-05	2.70E-03	3.54E-03	1.08E-03	6.38E-06	2.17E-04	2.45E-04	2.08E-02
452	375900	3757500	commercial	2.07E-03	1.26E-04	2.87E-03	5.11E-03	1.21E-04	3.83E-04	1.29E-04	5.91E-03	4.90E-03	5.71E-04	1.09E-03	1.46E-03	8.61E-06	1.94E-03	2.51E-03	7.69E-04	4.53E-06	1.54E-04	1.74E-04	1.49E-02
453	376900	3757500	Commercial	2.52E-03	1.67E-04	3.76E-03	6.34E-03	1.61E-04	4.64E-04	1.69E-04	7.82E-03	6.48E-03	7.54E-04	1.44E-03	2.08E-03	1.23E-05	2.67E-03	3.57E-03	1.09E-03	6.45E-06	2.18E-04	2.48E-04	2.07E-02
454	377900	3757500	Residential	2.69E-03	1.93E-04	4.28E-03	6.88E-03	1.84E-04	4.92E-04	1.94E-04	8.98E-03	7.45E-03	8.64E-04	1.65E-03	2.46E-03	1.45E-05	3.13E-03	4.22E-03	1.29E-03	7.61E-06	2.57E-04	2.92E-04	2.42E-02
455	378900	3757500	Residential	2.17E-03	1.62E-04	3.57E-03	5.61E-03	1.54E-04	3.96E-04	1.62E-04	7.52E-03	6.24E-03	7.23E-04	1.39E-03	2.06E-03	1.21E-05	2.62E-03	3.53E-03	1.08E-03	6.37E-06	2.15E-04	2.44E-04	2.03E-02
456	379900	3757500	Residential	1.62E-03	1.20E-04	2.64E-03	4.19E-03	1.14E-04	2.96E-04	1.20E-04	5.57E-03	4.62E-03	5.36E-04	1.03E-03	1.50E-03	8.81E-06	1.92E-03	2.57E-03	7.86E-04	4.63E-06	1.57E-04	1.78E-04	1.49E-02
457	380900	3757500	Residential	1.22E-03	8.67E-05	1.93E-03	3.12E-03	8.30E-05	2.23E-04	8.72E-05	4.04E-03	3.35E-03	3.89E-04	7.45E-04	1.10E-03	6.49E-06	1.40E-03	1.89E-03	5.79E-04	3.41E-06	1.15E-04	1.31E-04	1.09E-02
458	381900	3757500	Residential	9.91E-04	6.94E-05	1.55E-03	2.52E-03	6.65E-05	1.82E-04	6.99E-05	3.24E-03	2.69E-03	3.12E-04	5.97E-04	8.74E-04	5.15E-06	1.12E-03	1.50E-03	4.59E-04	2.71E-06	9.16E-05	1.04E-04	8.65E-03
459	382900	3757500	Residential	8.66E-04	4.92E-05	1.14E-03	2.12E-03	4.78E-05	1.62E-04	5.09E-05	2.33E-03	1.93E-03	2.25E-04	4.30E-04	5.96E-04	3.51E-06	7.72E-04	1.02E-03	3.13E-04	1.85E-06	6.25E-05	7.08E-05	5.97E-03
460	383900	3757500	Residential	7.73E-04	4.11E-05	9.68E-04	1.87E-03	4.02E-05	1.45E-04	4.30E-05	1.96E-03	1.62E-03	1.90E-04	3.62E-04	4.91E-04	2.89E-06	6.39E-04	8.41E-04	2.58E-04	1.52E-06	5.15E-05	5.83E-05	4.93E-03
461	384900	3757500	Residential	6.58E-04	3.46E-05	8.16E-04	1.59E-03	3.38E-05	1.24E-04	3.62E-05	1.65E-03	1.36E-03	1.60E-04	3.04E-04	4.14E-04	2.44E-06	5.38E-04	7.09E-04	2.17E-04	1.28E-06	4.34E-05	4.92E-05	4.16E-03
462	365900	3758500	Commercial	7.70E-04	4.40E-05	1.02E-03	1.89E-03	4.28E-05	1.44E-04	4.55E-05	2.08E-03	1.72E-03	2.01E-04	3.85E-04	5.76E-04	3.39E-06	7.19E-04	9.88E-04	3.02E-04	1.78E-06	6.02E-05	6.84E-05	5.59E-03
463	366900	3758500	Residential	1.30E-03	7.72E-05	1.77E-03	3.21E-03	7.48E-05	2.42E-04	7.94E-05	3.64E-03	3.02E-03	3.52E-04	6.72E-04	1.00E-03	5.91E-06	1.26E-03	1.72E-03	5.27E-04	3.11E-06	1.05E-04	1.19E-04	9.78E-03
464	367900	3758500	Residential/Commercial	2.39E-03	9.80E-05	2.45E-03	5.55E-03	9.80E-05	4.56E-04	1.07E-04	4.77E-03	3.94E-03	4.66E-04	8.85E-04	1.47E-03	8.66E-06	1.70E-03	2.52E-03	7.71E-04	4.56E-06	1.53E-04	1.75E-04	1.34E-02
465	368900	3758500	Commercial	2.67E-03	9.01E-05	2.39E-03	6.05E-03	9.20E-05	5.15E-04	1.02E-04	4.49E-03												

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m <sup>3</sup> )	acrolein (µg/m <sup>3</sup> )	benzene (µg/m <sup>3</sup> )	formaldehyde (µg/m <sup>3</sup> )	methyl alcohol (µg/m <sup>3</sup> )	methyl ethyl ketone (µg/m <sup>3</sup> )	styrene (µg/m <sup>3</sup> )	toluene (µg/m <sup>3</sup> )	xylene, total (µg/m <sup>3</sup> )	1,3-Butadiene (µg/m <sup>3</sup> )	ethyl benzene (µg/m <sup>3</sup> )	ammonium (µg/m <sup>3</sup> )	arsenic (µg/m <sup>3</sup> )	chlorine (µg/m <sup>3</sup> )	copper (µg/m <sup>3</sup> )	manganese (µg/m <sup>3</sup> )	mercury (µg/m <sup>3</sup> )	nickel (µg/m <sup>3</sup> )	vanadium (µg/m <sup>3</sup> )	sulfates (µg/m <sup>3</sup> )
498	381900	3759500	Residential	1.00E-03	7.13E-05	1.59E-03	2.56E-03	6.83E-05	1.83E-04	7.17E-05	3.33E-03	2.76E-03	3.20E-04	6.13E-04	8.89E-04	5.23E-06	1.14E-03	1.52E-03	4.67E-04	2.75E-06	9.32E-05	1.06E-04	8.85E-03
499	382900	3759500	Residential	8.16E-04	5.47E-05	1.23E-03	2.06E-03	5.25E-05	1.50E-04	5.54E-05	2.56E-03	2.12E-03	2.47E-04	4.72E-04	6.92E-04	4.08E-06	8.82E-04	1.19E-03	3.63E-04	2.14E-06	7.25E-05	8.23E-05	6.83E-03
500	383900	3759500	commercial	7.82E-04	4.84E-05	1.10E-03	1.94E-03	4.68E-05	1.45E-04	4.95E-05	2.28E-03	1.89E-03	2.20E-04	4.20E-04	5.89E-04	3.47E-06	7.64E-04	1.01E-03	3.10E-04	1.82E-06	6.18E-05	7.00E-05	5.90E-03
501	384900	3759500	Residential	7.10E-04	4.71E-05	1.06E-03	1.79E-03	4.53E-05	1.31E-04	4.78E-05	2.21E-03	1.83E-03	2.13E-04	4.07E-04	5.96E-04	3.51E-06	7.60E-04	1.02E-03	3.13E-04	1.84E-06	6.24E-05	7.08E-05	5.89E-03
502	364900	3760500	Residential	4.64E-04	2.56E-05	5.98E-04	1.13E-03	2.50E-05	8.67E-05	2.66E-05	1.22E-03	1.01E-03	1.18E-04	2.25E-04	3.17E-04	1.87E-06	4.07E-04	5.44E-04	1.67E-04	9.83E-07	3.32E-05	3.77E-05	3.15E-03
503	365900	3760500	Residential	4.88E-04	2.45E-05	5.84E-04	1.17E-03	2.41E-05	9.20E-05	2.58E-05	1.17E-03	9.07E-04	1.14E-04	2.17E-04	2.81E-04	1.65E-06	3.73E-04	4.82E-04	1.48E-04	8.71E-07	2.95E-05	3.34E-05	2.87E-03
504	366900	3760500	Commercial	7.24E-04	2.28E-05	6.17E-04	1.63E-03	2.35E-05	1.40E-04	2.63E-05	1.15E-03	9.42E-04	1.13E-04	2.13E-04	2.93E-04	1.72E-06	3.59E-04	5.02E-04	1.54E-04	9.11E-07	3.06E-05	3.48E-05	2.80E-03
505	367900	3760500	Commercial	1.05E-03	3.27E-05	8.87E-04	2.35E-03	3.37E-05	2.03E-04	7.77E-05	1.64E-03	1.35E-03	1.62E-04	3.06E-04	3.78E-04	2.22E-06	4.86E-04	6.46E-04	1.98E-04	1.17E-06	3.95E-05	4.48E-05	3.76E-03
506	368900	3760500	Commercial	1.01E-03	3.83E-05	9.80E-04	2.32E-03	3.86E-05	1.93E-04	4.24E-05	1.88E-03	1.55E-03	1.84E-04	3.49E-04	4.41E-04	2.59E-06	5.76E-04	7.55E-04	2.31E-04	1.37E-06	4.62E-05	5.23E-05	4.45E-03
507	369900	3760500	Commercial	1.64E-03	4.81E-05	1.33E-03	3.67E-03	5.00E-05	3.19E-04	5.63E-05	2.44E-03	2.00E-03	2.41E-04	4.54E-04	5.24E-04	3.08E-06	6.92E-04	8.97E-04	2.75E-04	1.63E-06	5.50E-05	6.22E-05	5.34E-03
508	370900	3760500	Residential	2.88E-03	7.94E-05	2.25E-03	6.38E-03	8.33E-05	5.59E-04	9.43E-05	4.06E-03	3.33E-03	4.02E-04	7.57E-04	9.30E-04	5.46E-06	1.18E-03	1.59E-03	4.87E-04	2.89E-06	9.71E-05	1.10E-04	9.16E-03
509	371900	3760500	Commercial	1.17E-03	8.20E-05	1.83E-03	2.98E-03	7.86E-05	2.14E-04	8.26E-05	3.83E-03	3.17E-03	3.68E-04	7.05E-04	8.64E-04	5.08E-06	1.21E-03	1.48E-03	4.54E-04	2.67E-06	9.12E-05	1.03E-04	9.24E-03
510	372900	3760500	Residential	9.89E-04	8.34E-05	1.80E-03	2.63E-03	7.91E-05	1.78E-04	8.24E-05	3.85E-03	3.20E-03	3.70E-04	7.09E-04	8.41E-04	4.95E-06	1.22E-03	1.44E-03	4.43E-04	2.60E-06	8.91E-05	1.00E-04	9.23E-03
511	373900	3760500	Residential	2.22E-03	1.48E-04	3.32E-03	5.59E-03	1.42E-04	4.08E-04	1.50E-04	6.92E-03	5.74E-03	6.67E-04	1.28E-03	1.69E-03	9.92E-06	2.26E-03	2.89E-03	8.86E-04	5.22E-06	1.77E-04	2.00E-04	1.74E-02
512	374900	3760500	Residential	2.20E-03	1.09E-04	2.61E-03	5.26E-03	1.07E-04	4.15E-04	1.15E-04	5.24E-03	4.33E-03	5.08E-04	9.68E-04	1.30E-03	7.64E-06	1.69E-03	2.22E-03	6.81E-04	4.02E-06	1.36E-04	1.54E-04	1.30E-02
513	375900	3760500	Residential	1.51E-03	1.09E-04	2.42E-03	3.87E-03	1.05E-04	2.75E-04	1.10E-04	5.10E-03	4.23E-03	4.90E-04	9.39E-04	1.39E-03	8.20E-06	1.78E-03	2.39E-03	7.32E-04	4.31E-06	1.46E-04	1.64E-04	1.38E-02
514	376900	3760500	Residential	1.44E-03	1.05E-04	2.32E-03	3.70E-03	1.00E-04	2.62E-04	1.05E-04	4.89E-03	4.06E-03	4.71E-04	9.01E-04	1.35E-03	7.97E-06	1.72E-03	2.32E-03	7.11E-04	4.19E-06	1.42E-04	1.61E-04	1.33E-02
515	377900	3760500	Residential	1.08E-03	8.53E-05	1.86E-03	2.83E-03	8.12E-05	1.96E-04	8.48E-05	3.95E-03	3.28E-03	3.80E-04	7.28E-04	1.08E-03	6.38E-06	1.39E-03	1.86E-03	5.69E-04	3.35E-06	1.14E-04	1.29E-04	1.07E-02
516	378900	3760500	Residential	9.82E-04	8.34E-05	1.80E-03	2.62E-03	7.90E-05	1.76E-04	8.23E-05	3.85E-03	3.20E-03	3.69E-04	7.08E-04	1.07E-03	6.30E-06	1.36E-03	1.84E-03	5.62E-04	3.31E-06	1.12E-04	1.27E-04	1.06E-02
517	379900	3760500	Residential	8.59E-04	7.30E-05	1.58E-03	2.29E-03	6.92E-05	1.54E-04	7.21E-05	3.37E-03	2.80E-03	3.23E-04	6.20E-04	9.50E-04	5.59E-06	1.20E-03	1.63E-03	4.99E-04	2.94E-06	9.94E-05	1.13E-04	9.32E-03
518	380900	3760500	Residential	8.93E-04	6.87E-05	1.51E-03	2.32E-03	6.54E-05	1.62E-04	6.85E-05	3.19E-03	2.65E-03	3.06E-04	5.87E-04	8.63E-04	5.08E-06	1.11E-03	1.48E-03	4.53E-04	2.67E-06	9.05E-05	1.03E-04	8.57E-03
519	381900	3760500	Residential	8.30E-04	6.77E-05	1.47E-03	2.19E-03	6.44E-05	1.50E-04	6.72E-05	3.14E-03	2.60E-03	3.01E-04	5.77E-04	8.68E-04	5.11E-06	1.11E-03	1.49E-03	4.56E-04	2.68E-06	9.08E-05	1.03E-04	8.56E-03
520	382900	3760500	Residential	8.43E-04	5.90E-05	1.31E-03	2.15E-03	5.65E-05	1.54E-04	5.94E-05	2.75E-03	2.28E-03	2.65E-04	5.07E-04	7.50E-04	4.41E-06	9.55E-04	1.29E-03	3.94E-04	2.32E-06	7.85E-05	8.91E-05	7.40E-03
521	383900	3760500	Commercial	8.20E-04	5.64E-05	1.26E-03	2.08E-03	5.41E-05	1.51E-04	5.70E-05	2.64E-03	2.19E-03	2.54E-04	4.86E-04	7.12E-04	4.19E-06	9.09E-04	1.22E-03	3.74E-04	2.20E-06	7.45E-05	8.46E-05	7.04E-03
522	384900	3760500	Residential	7.43E-04	5.44E-05	1.20E-03	1.91E-03	5.20E-05	1.36E-04	5.46E-05	2.53E-03	2.10E-03	2.44E-04	4.86E-04	7.04E-04	4.14E-06	8.90E-04	1.21E-03	3.70E-04	2.18E-06	7.36E-05	8.36E-05	6.90E-03
523	363900	3761500	Commercial	3.65E-04	1.84E-05	4.37E-04	8.73E-04	1.80E-05	6.87E-05	1.93E-05	8.78E-04	7.68E-04	8.52E-05	1.62E-04	2.21E-04	1.30E-06	2.86E-04	3.79E-04	1.16E-04	6.86E-07	2.32E-05	2.63E-05	2.21E-03
524	364900	3761500	Residential	4.21E-04	1.71E-05	4.29E-04	9.75E-04	1.71E-05	8.03E-05	1.87E-05	8.33E-04	6.87E-04	8.14E-05	1.54E-04	2.31E-04	1.36E-06	2.80E-04	3.96E-04	1.21E-04	7.17E-07	2.41E-05	2.75E-05	2.19E-03
525	365900	3761500	Residential	6.37E-04	2.06E-05	5.53E-04	1.44E-03	2.12E-05	1.23E-04	2.36E-05	1.03E-03	8.48E-04	1.02E-04	1.92E-04	2.43E-04	1.43E-06	3.11E-04	4.16E-04	1.27E-04	7.54E-07	2.54E-05	2.88E-05	2.41E-03
526	366900	3761500	commercial	7.86E-04	2.62E-05	6.96E-04	1.78E-03	2.68E-05	1.51E-04	2.98E-05	1.31E-03	1.07E-03	1.28E-04	2.43E-04	3.01E-04	1.77E-06	3.91E-04	5.16E-04	1.58E-04	9.35E-07	3.15E-05	3.57E-05	3.02E-03
527	367900	3761500	Residential	7.72E-04	3.27E-05	8.11E-04	1.80E-03	3.25E-05	1.47E-04	3.54E-05	1.59E-03	1.31E-03	1.55E-04	2.94E-04	3.75E-04	2.21E-06	4.93E-04	6.42E-04	1.97E-04	1.16E-06	3.93E-05	4.45E-05	3.80E-03
528	368900	3761500	Residential	1.09E-03	3.59E-05	9.58E-04	2.47E-03	3.68E-05	1.21E-04	4.09E-05	1.79E-03	1.47E-03	1.76E-04	3.33E-04	3.97E-04	2.33E-06	5.24E-04	6.79E-04	2.08E-04	1.23E-06	4.16E-05	4.70E-05	4.04E-03
529	369900	3761500	Residential	1.01E-03	3.74E-05	9.65E-04	2.32E-03	3.79E-05	1.95E-04	4.16E-05	1.84E-03	1.52E-03	1.81E-04	3.42E-04	4.10E-04	2.41E-06	5.49E-04	7.03E-04	2.15E-04	1.27E-06	4.31E-05	4.87E-05	4.22E-03
530	370900	3761500	commercial	9.91E-04	7.09E-05	1.57E-03	2.54E-03	6.78E-05	1.81E-04	7.13E-05	3.31E-03	2.74E-03	3.18E-04	6.09E-04	7.38E-04	4.35E-06	1.04E-03	1.27E-03	3.88E-04	2.29E-06	7.80E-05	8.77E-05	7.96E-03
531	371900	3761500	commercial	9.09E-04	5.17E-05	1.20E-03	2.22E-03	5.03E-05	1.70E-04	5.35E-05	2.45E-03	2.03E-03	2.37E-04	4.52E-04	5.74E-04	3.38E-06	7.77E-04	9.84E-04	3.01E-04	1.78E-06	6.04E-05	6.81E-05	5.96E-03
532	372900	3761500	Residential	1.95E-03	1.18E-04	2.70E-03	4.82E-03	1.14E-04	3.62E-04	1.21E-04	5.55E-03	4.60E-03	5.36E-04	1.02E-03	1.24E-03	7.29E-06	1.73E-03	2.13E-03	6.51E-04	3.84E-06	1.31E-04	1.47E-04	1.32E-02
533	373900	3761500	Residential	1.43E-03	9.25E-05	2.09E-03	3.58E-03	8.91E-05	2.64E-04	9.41E-05	4.34E-03	3.60E-03	4.18E-04	8.00E-04	1.29E-03	7.61E-06	1.57E-03	2.22E-03	6.78E-04	4.00E-06	1.35E-04	1.54E-04	1.22E-02
534	374900	3761500	Residential	1.15E-03	8.13E-05	1.81E-03	2.94E-03	7.79E-05	2.11E-04	8.19E-05	3.79E-03	3.15E-03	3.65E-04	6.99E-04	1.03E-03	6.06E-06	1.31E-03	1.76E-03	5.40E-04	3.18E-06	1.08E-04	1.22E-04	1.02E-02
535	375900	3761500	Residential	1.63E-03	9.25E-05	2.15E-03	3.98E-03	8.99E-05	3.04E-04	9.57E-05	4.38E-03	3.63E-03	4.24E-04	8.08E-04	1.12E-03	6.62E-06	1.45E-03	1.93E-03	5.90E-04	3.48E-06	1.18E-04	1.34E-04	1.12E-02
536	376900	3761500	Residential	1.40E-03	8.81E-05	2.00E-03	3.48E-03	8.50E-05	2.59E-04	8.99E-05	4.14E-03	3.43E-03	3.99E-04	7.63E-04	1.11E-03	6.54E-06	1.41E-03	1.91E-03	5.83E-04				

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2015 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				( $\mu\text{g}/\text{m}^3$ )																			
569	365900	3763500	Residential	5.10E-04	2.39E-05	5.78E-04	1.21E-03	2.36E-05	9.65E-05	2.54E-05	1.15E-03	9.49E-04	1.12E-04	2.12E-04	2.70E-04	1.59E-06	3.60E-04	4.63E-04	1.42E-04	8.37E-07	2.84E-05	3.21E-05	2.77E-03
570	366900	3763500	Residential	5.49E-04	2.42E-05	5.94E-04	1.29E-03	2.40E-05	1.04E-04	2.60E-05	1.17E-03	9.65E-04	1.14E-04	2.16E-04	2.75E-04	1.62E-06	3.64E-04	4.71E-04	1.44E-04	8.52E-07	2.88E-05	3.26E-05	2.80E-03
571	367900	3763500	Commercial	8.24E-04	2.61E-05	7.05E-04	1.85E-03	2.69E-05	1.59E-04	3.00E-05	1.31E-03	1.08E-03	1.29E-04	2.44E-04	2.98E-04	1.75E-06	3.86E-04	5.10E-04	1.56E-04	9.26E-07	3.12E-05	3.54E-05	2.99E-03
572	368900	3763500	Residential	6.25E-04	2.82E-05	6.89E-04	1.47E-03	2.79E-05	1.19E-04	3.02E-05	1.36E-03	1.12E-03	1.32E-04	2.52E-04	3.30E-04	1.94E-06	4.31E-04	5.66E-04	1.73E-04	1.02E-06	3.46E-05	3.92E-05	3.33E-03
573	369900	3763500	Commercial	6.46E-04	3.39E-05	8.00E-04	1.56E-03	3.32E-05	1.21E-04	3.55E-05	1.62E-03	1.34E-03	1.57E-04	2.99E-04	3.26E-04	1.92E-06	4.76E-04	5.58E-04	1.71E-04	1.01E-06	3.45E-05	3.87E-05	3.61E-03
574	370900	3763500	Residential	7.20E-04	3.23E-05	7.90E-04	1.69E-03	3.20E-05	1.37E-04	3.46E-05	1.56E-03	1.29E-03	1.52E-04	2.88E-04	3.61E-04	2.12E-06	4.82E-04	6.18E-04	1.89E-04	1.12E-06	3.79E-05	4.28E-05	3.71E-03
575	371900	3763500	Residential	6.43E-04	4.03E-05	9.18E-04	1.60E-03	3.89E-05	1.19E-04	4.12E-05	1.90E-03	1.57E-03	1.83E-04	3.50E-04	4.55E-04	2.68E-06	6.14E-04	7.81E-04	2.39E-04	1.41E-06	4.79E-05	5.41E-05	4.71E-03
576	372900	3763500	Commercial	1.23E-03	7.76E-05	1.76E-03	3.07E-03	7.49E-05	2.28E-04	7.92E-05	3.65E-03	3.02E-03	3.52E-04	6.73E-04	7.44E-04	4.38E-06	1.10E-03	1.28E-03	3.91E-04	2.31E-06	7.89E-05	8.84E-05	8.30E-03
577	373900	3763500	Commercial	7.92E-04	5.97E-05	1.32E-03	2.05E-03	5.70E-05	1.44E-04	5.97E-05	2.78E-03	2.31E-03	2.67E-04	5.11E-04	7.58E-04	4.46E-06	9.68E-04	1.30E-03	3.99E-04	2.35E-06	7.94E-05	9.01E-05	7.50E-03
578	374900	3763500	Residential	1.20E-03	7.11E-05	1.64E-03	2.96E-03	6.89E-05	2.23E-04	7.32E-05	3.36E-03	2.78E-03	3.24E-04	6.20E-04	8.17E-04	4.81E-06	1.09E-03	1.40E-03	4.28E-04	2.53E-06	8.58E-05	9.10E-05	8.37E-03
579	375900	3763500	Residential	1.11E-03	8.53E-05	1.87E-03	2.89E-03	8.13E-05	2.02E-04	8.51E-05	3.96E-03	3.29E-03	3.81E-04	7.29E-04	1.06E-03	6.27E-06	1.37E-03	1.83E-03	5.59E-04	3.29E-06	1.12E-04	1.27E-04	1.06E-02
580	376900	3763500	Commercial	9.47E-04	4.96E-05	1.17E-03	2.28E-03	4.85E-05	1.78E-04	5.19E-05	2.36E-03	1.95E-03	2.29E-04	4.36E-04	5.62E-04	3.31E-06	7.51E-04	9.63E-04	2.95E-04	1.74E-06	5.90E-05	6.67E-05	5.77E-03
581	377900	3763500	Residential	7.02E-04	4.30E-05	9.83E-04	1.74E-03	4.16E-05	1.30E-04	4.41E-05	2.03E-03	1.69E-03	1.96E-04	3.74E-04	5.11E-04	3.01E-06	6.70E-04	8.76E-04	2.68E-04	1.58E-06	5.36E-05	6.07E-05	5.17E-03
582	378900	3763500	Residential	8.78E-04	5.34E-05	1.22E-03	2.18E-03	5.16E-05	1.63E-04	5.47E-05	2.51E-03	2.08E-03	2.42E-04	4.64E-04	6.45E-04	3.80E-06	8.38E-04	1.11E-03	3.90E-04	2.00E-06	6.76E-05	7.66E-05	6.47E-03
583	379900	3763500	Residential	9.05E-04	4.29E-05	1.04E-03	2.15E-03	4.23E-05	1.71E-04	4.57E-05	2.06E-03	1.70E-03	2.01E-04	3.82E-04	5.08E-04	2.99E-06	6.61E-04	8.71E-04	2.67E-04	1.57E-06	5.33E-05	6.03E-05	5.11E-03
584	380900	3763500	Residential	8.10E-04	5.65E-05	1.26E-03	2.06E-03	5.42E-05	1.49E-04	5.26E-05	2.64E-03	2.19E-03	2.54E-04	4.86E-04	7.12E-04	4.19E-06	9.11E-04	1.22E-03	3.74E-04	2.20E-06	7.46E-05	8.46E-05	7.05E-03
585	381900	3763500	Residential	7.46E-04	5.14E-05	1.15E-03	1.89E-03	4.94E-05	1.37E-04	5.19E-05	2.40E-03	1.99E-03	2.32E-04	4.43E-04	6.44E-04	3.79E-06	8.26E-04	1.10E-03	3.38E-04	1.99E-06	6.74E-05	7.65E-05	6.39E-03
586	382900	3763500	Residential	8.03E-04	5.70E-05	1.27E-03	2.05E-03	5.46E-05	1.47E-04	5.74E-05	2.66E-03	2.21E-03	2.56E-04	4.90E-04	7.25E-04	4.27E-06	9.24E-04	1.24E-03	3.81E-04	2.24E-06	7.59E-05	8.61E-05	7.16E-03
587	383900	3763500	Residential	7.34E-04	5.62E-05	1.23E-03	1.91E-03	5.35E-05	1.33E-04	5.60E-05	2.61E-03	2.17E-03	2.51E-04	4.80E-04	7.09E-04	4.17E-06	9.08E-04	1.22E-03	3.72E-04	2.19E-06	7.42E-05	8.42E-05	7.03E-03
588	384900	3763500	Residential	6.92E-04	5.50E-05	1.20E-03	1.81E-03	5.24E-05	1.25E-04	5.47E-05	2.55E-03	2.12E-03	2.45E-04	4.69E-04	7.16E-04	4.21E-06	9.04E-04	1.23E-03	3.76E-04	2.21E-06	7.49E-05	8.51E-05	7.02E-03
589	385900	3764500	Residential	8.94E-04	3.14E-05	8.21E-04	2.03E-03	3.19E-05	1.72E-04	3.53E-05	1.56E-03	1.28E-03	1.53E-04	2.89E-04	3.54E-04	2.08E-06	4.65E-04	6.05E-04	1.85E-04	1.10E-06	3.71E-05	4.20E-05	3.59E-03
590	386900	3764500	Residential	7.96E-04	4.27E-05	1.00E-03	1.93E-03	4.17E-05	1.49E-04	4.46E-05	2.03E-03	1.68E-03	1.97E-04	3.75E-04	4.70E-04	2.76E-06	6.38E-04	8.05E-04	2.47E-04	1.46E-06	4.94E-05	5.58E-05	4.89E-03
591	387900	3764500	Commercial	7.11E-04	2.69E-05	6.89E-04	1.63E-03	2.71E-05	1.36E-04	2.98E-05	1.32E-03	1.09E-03	1.29E-04	2.45E-04	2.97E-04	1.74E-06	3.96E-04	5.08E-04	1.56E-04	9.21E-07	3.12E-05	3.52E-05	3.05E-03
592	388900	3764500	Residential	1.03E-03	2.70E-05	7.78E-04	2.28E-03	2.85E-05	2.01E-04	3.25E-05	1.39E-03	1.14E-03	1.38E-04	2.60E-04	3.17E-04	1.86E-06	3.99E-04	5.42E-04	1.66E-04	8.85E-07	3.31E-05	3.76E-05	3.10E-03
593	389900	3764500	Residential	6.85E-04	2.34E-05	6.18E-04	1.55E-03	2.39E-05	1.32E-04	2.65E-05	1.16E-03	9.58E-04	1.14E-04	2.16E-04	2.61E-04	1.53E-06	3.44E-04	4.46E-04	1.37E-04	8.10E-07	2.73E-05	3.09E-05	2.65E-03
594	389900	3764500	Residential	4.91E-04	3.56E-05	7.89E-04	1.26E-03	3.40E-05	8.97E-05	3.57E-05	1.66E-03	1.38E-03	1.60E-04	3.05E-04	3.77E-04	2.22E-06	5.28E-04	6.47E-04	1.98E-04	1.17E-06	3.98E-05	4.48E-05	4.03E-03
595	389900	3764500	Residential	5.13E-04	2.30E-05	5.63E-04	1.21E-03	2.28E-05	9.74E-05	2.47E-05	1.11E-03	9.17E-04	1.08E-04	2.06E-04	2.55E-04	1.50E-06	3.42E-04	4.37E-04	1.34E-04	7.91E-07	2.68E-05	3.03E-05	2.63E-03
596	370900	3764500	Residential	6.18E-04	2.86E-05	6.95E-04	1.46E-03	2.83E-05	1.17E-04	3.06E-05	1.38E-03	1.14E-03	1.34E-04	2.55E-04	3.00E-04	1.76E-06	4.15E-04	5.13E-04	1.57E-04	9.29E-07	3.16E-05	3.56E-05	3.17E-03
597	371900	3764500	Commercial	8.23E-04	4.14E-05	9.86E-04	1.97E-03	4.06E-05	1.55E-04	4.36E-05	1.98E-03	1.64E-03	1.92E-04	3.66E-04	4.26E-04	2.51E-06	5.98E-04	7.31E-04	2.24E-04	1.32E-06	4.50E-05	5.06E-05	4.56E-03
598	372900	3764500	Commercial	1.44E-03	7.10E-05	1.70E-03	3.43E-03	6.97E-05	2.71E-04	7.50E-05	3.40E-03	2.81E-03	3.30E-04	6.28E-04	8.98E-04	5.29E-06	1.13E-03	1.54E-03	4.71E-04	2.78E-06	9.39E-05	1.07E-04	8.80E-03
599	373900	3764500	Residential	7.25E-04	4.93E-05	1.10E-03	1.84E-03	4.73E-05	1.33E-04	4.99E-05	2.31E-03	1.91E-03	2.22E-04	4.25E-04	6.13E-04	3.61E-06	7.89E-04	1.05E-03	3.22E-04	1.90E-06	6.42E-05	7.28E-05	6.10E-03
600	374900	3764500	Residential	1.26E-03	7.62E-05	1.75E-03	3.12E-03	7.37E-05	2.34E-04	7.82E-05	3.59E-03	2.98E-03	3.47E-04	6.63E-04	8.78E-04	5.17E-06	1.17E-03	1.51E-03	4.61E-04	2.72E-06	9.22E-05	1.04E-04	8.99E-03
601	375900	3764500	Residential	6.42E-04	3.59E-05	8.35E-04	1.56E-03	3.49E-05	1.20E-04	3.72E-05	1.70E-03	1.41E-03	1.65E-04	3.14E-04	4.00E-04	2.35E-06	5.40E-04	6.86E-04	2.10E-04	1.24E-06	4.21E-05	4.75E-05	4.14E-03
602	376900	3764500	Residential	8.53E-04	3.43E-05	8.64E-04	1.98E-03	3.44E-05	1.63E-04	3.76E-05	1.67E-03	1.38E-03	1.64E-04	3.10E-04	3.71E-04	2.18E-06	5.01E-04	6.35E-04	1.95E-04	1.15E-06	3.90E-05	4.49E-05	3.84E-03
603	377900	3764500	Residential	7.10E-04	3.52E-05	8.42E-04	1.70E-03	3.46E-05	1.34E-04	3.72E-05	1.69E-03	1.39E-03	1.64E-04	3.12E-04	3.87E-04	2.28E-06	5.24E-04	6.63E-04	2.03E-04</				

Table 2-4.1

Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Project, 2035 With Project v. 2035 Without Project Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)
640	370900	3766500	Residential	7.68E-04	3.29E-05	8.15E-04	1.79E-03	3.28E-05	1.46E-04	3.56E-05	1.60E-03	1.32E-03	1.56E-04	2.96E-04	3.77E-04	2.22E-06	4.97E-04	6.46E-04	1.98E-04	1.17E-06	3.96E-05	4.48E-05	3.83E-03
641	371900	3766500	Residential	6.51E-04	2.87E-05	7.05E-04	1.53E-03	2.85E-05	1.24E-04	3.09E-05	1.39E-03	1.15E-03	1.35E-04	2.57E-04	2.69E-04	1.58E-06	3.95E-04	4.61E-04	1.41E-04	8.34E-07	2.85E-05	3.19E-05	2.99E-03
642	372900	3766500	Commercial	3.74E-04	2.73E-05	6.04E-04	9.62E-04	2.61E-05	6.83E-05	2.74E-05	1.27E-03	1.05E-03	1.22E-04	2.34E-04	3.08E-04	1.82E-06	4.17E-04	5.29E-04	1.62E-04	9.55E-07	3.25E-05	3.66E-05	3.20E-03
643	373900	3766500	Residential	3.78E-04	2.59E-05	5.79E-04	9.59E-04	2.48E-05	6.94E-05	2.62E-05	1.21E-03	1.00E-03	1.17E-04	2.23E-04	3.02E-04	1.78E-06	4.01E-04	5.18E-04	1.59E-04	9.35E-07	3.17E-05	3.59E-05	3.09E-03
644	374900	3766500	Residential/Commercial	3.99E-04	2.63E-05	5.92E-04	1.00E-03	2.53E-05	7.35E-05	2.67E-05	1.23E-03	1.02E-03	1.19E-04	2.27E-04	3.05E-04	1.79E-06	4.06E-04	5.23E-04	1.60E-04	9.44E-07	3.20E-05	3.62E-05	3.12E-03
645	375900	3766500	Residential/Commercial	3.91E-04	2.65E-05	5.93E-04	9.89E-04	2.54E-05	7.19E-05	2.68E-05	1.24E-03	1.03E-03	1.19E-04	2.28E-04	3.08E-04	1.81E-06	4.09E-04	5.27E-04	1.62E-04	9.52E-07	3.23E-05	3.65E-05	3.15E-03
646	376900	3766500	Residential/Commercial	5.67E-04	2.82E-05	6.73E-04	1.35E-03	2.77E-05	1.07E-04	2.97E-05	1.35E-03	1.11E-03	1.31E-04	2.49E-04	3.01E-04	1.77E-06	4.14E-04	5.15E-04	1.58E-04	9.32E-07	3.17E-05	3.57E-05	3.16E-03
647	377900	3766500	Commercial	1.08E-03	5.15E-05	1.24E-03	2.57E-03	5.08E-05	2.05E-04	5.47E-05	2.47E-03	2.04E-03	2.40E-04	4.57E-04	4.99E-04	2.93E-06	7.21E-04	8.55E-04	2.62E-04	1.55E-06	5.28E-05	5.92E-05	5.48E-03
648	378900	3766500	Residential	7.47E-04	4.30E-05	9.95E-04	1.83E-03	4.18E-05	1.39E-04	4.44E-05	2.04E-03	1.69E-03	1.97E-04	3.76E-04	4.82E-04	2.83E-06	6.50E-04	8.26E-04	2.53E-04	1.49E-06	5.07E-05	5.72E-05	4.99E-03
649	379900	3766500	Residential/Commercial	6.71E-04	4.16E-05	9.49E-04	1.67E-03	4.02E-05	1.24E-04	4.26E-05	1.96E-03	1.62E-03	1.89E-04	3.61E-04	5.01E-04	2.95E-06	6.54E-04	8.60E-04	2.63E-04	1.55E-06	5.26E-05	5.96E-05	5.04E-03
650	380900	3766500	Residential/Commercial	8.12E-04	3.96E-05	9.50E-04	1.93E-03	3.90E-05	1.53E-04	4.19E-05	1.90E-03	1.57E-03	1.84E-04	3.51E-04	4.27E-04	2.51E-06	5.83E-04	7.32E-04	2.24E-04	1.32E-06	4.50E-05	5.07E-05	4.47E-03
651	381900	3766500	Residential/Commercial	6.96E-04	4.63E-05	1.04E-03	1.75E-03	4.45E-05	1.28E-04	4.69E-05	2.17E-03	1.80E-03	2.09E-04	3.99E-04	5.57E-04	3.28E-06	7.28E-04	9.55E-04	2.92E-04	1.72E-06	5.84E-05	6.61E-05	5.61E-03
652	382900	3766500	Residential/Commercial	7.29E-04	3.21E-05	7.89E-04	1.71E-03	3.19E-05	1.38E-04	3.45E-05	1.55E-03	1.28E-03	1.51E-04	2.87E-04	3.94E-04	2.32E-06	5.01E-04	6.74E-04	2.06E-04	1.22E-06	4.12E-05	4.67E-05	3.89E-03
653	383900	3766500	Commercial	5.92E-04	3.37E-05	7.81E-04	1.45E-03	3.27E-05	1.10E-04	3.48E-05	1.59E-03	1.32E-03	1.54E-04	2.94E-04	4.14E-04	2.43E-06	5.32E-04	7.09E-04	2.17E-06	1.28E-06	4.33E-05	4.91E-05	4.12E-03
654	384900	3766500	Commercial	6.00E-04	4.40E-05	9.73E-04	1.54E-03	4.21E-05	1.09E-04	4.41E-05	2.05E-03	1.70E-03	1.97E-04	3.77E-04	5.56E-04	3.27E-06	7.12E-04	9.54E-04	2.92E-04	1.72E-06	5.82E-05	6.61E-05	5.51E-03
655	363900	3767500	Residential/Commercial	1.12E-03	2.63E-05	7.87E-04	2.44E-03	8.22E-05	2.18E-04	3.25E-05	1.37E-03	1.12E-03	1.37E-04	2.57E-04	3.40E-04	2.00E-06	4.06E-04	5.81E-04	1.78E-04	1.06E-06	3.53E-05	4.03E-05	3.18E-03
656	364900	3767500	Residential/Commercial	8.04E-04	2.46E-05	6.72E-04	1.80E-03	2.55E-05	1.56E-04	2.85E-05	1.24E-03	1.02E-03	1.22E-04	2.31E-04	3.33E-04	1.96E-06	3.97E-04	5.69E-04	1.74E-04	1.03E-06	3.46E-05	3.95E-05	3.11E-03
657	365900	3767500	Residential	1.32E-03	3.28E-05	9.64E-04	2.90E-03	3.49E-05	2.58E-04	4.00E-05	1.70E-03	1.39E-03	1.70E-04	3.18E-04	6.36E-04	2.13E-06	4.69E-04	6.21E-04	1.90E-04	1.13E-06	3.80E-05	4.31E-05	3.63E-03
658	366900	3767500	Residential/Commercial	1.00E-03	4.75E-05	1.15E-03	2.37E-03	4.68E-05	1.89E-04	5.05E-05	2.28E-03	1.88E-03	2.22E-04	4.22E-04	5.42E-04	3.19E-06	7.19E-04	9.29E-04	2.85E-04	1.68E-06	5.69E-05	6.44E-05	5.54E-03
659	367900	3767500	Residential/Commercial	9.84E-04	3.30E-05	8.76E-04	2.23E-03	3.37E-05	1.90E-04	3.75E-05	1.64E-03	1.35E-03	1.62E-04	3.06E-04	3.80E-04	2.22E-06	4.93E-04	6.51E-04	1.99E-04	1.18E-06	3.98E-05	4.51E-05	3.81E-03
660	368900	3767500	Residential	7.19E-04	2.78E-05	7.08E-04	1.68E-03	2.80E-05	1.38E-04	3.07E-05	1.36E-03	1.12E-03	1.33E-04	2.53E-04	3.78E-04	2.22E-06	4.57E-04	6.47E-04	1.98E-04	1.17E-06	3.94E-05	4.49E-05	3.57E-03
661	369900	3767500	Residential	8.58E-04	3.55E-05	8.87E-04	1.99E-03	3.55E-05	1.64E-04	3.87E-05	1.73E-03	1.43E-03	1.69E-04	3.20E-04	4.00E-04	2.35E-06	5.30E-04	6.86E-04	2.10E-04	1.24E-06	4.20E-05	4.75E-05	4.08E-03
662	370900	3767500	Residential	9.48E-04	3.91E-05	9.78E-04	2.20E-03	3.91E-05	1.81E-04	4.26E-05	1.90E-03	1.57E-03	1.86E-04	3.53E-04	4.48E-04	2.64E-06	5.89E-04	7.68E-04	2.35E-04	1.39E-06	4.70E-05	5.32E-05	4.54E-03
663	371900	3767500	Residential/Commercial	7.31E-04	2.94E-05	7.40E-04	1.69E-03	2.95E-05	1.40E-04	3.22E-05	1.44E-03	1.18E-03	1.40E-04	2.66E-04	3.10E-04	1.82E-06	4.25E-04	5.31E-04	1.63E-04	9.62E-07	3.26E-05	3.68E-05	3.25E-03
664	372900	3767500	Commercial	3.28E-04	2.46E-05	5.42E-04	8.48E-04	2.35E-05	5.96E-05	2.46E-05	1.14E-03	9.50E-04	1.10E-04	2.11E-04	2.75E-04	1.62E-06	3.75E-04	4.72E-04	1.45E-04	8.52E-07	2.90E-05	3.27E-05	2.87E-03
665	373900	3767500	Residential	3.38E-04	2.22E-05	5.01E-04	8.51E-04	2.14E-05	6.24E-05	2.26E-05	1.04E-03	8.63E-04	1.00E-04	1.92E-04	2.60E-04	1.53E-06	3.44E-04	4.46E-04	1.37E-04	8.04E-07	2.73E-05	3.09E-05	2.65E-03
666	374900	3767500	Residential/Commercial	3.54E-04	2.21E-05	5.04E-04	8.81E-04	2.14E-05	6.55E-05	2.26E-05	1.04E-03	8.62E-04	1.00E-04	1.92E-04	2.58E-04	1.51E-06	3.41E-04	4.40E-04	1.35E-04	7.94E-07	2.69E-05	3.05E-05	2.62E-03
667	375900	3767500	Residential	7.71E-04	4.01E-05	9.49E-04	1.86E-03	3.93E-05	1.45E-04	4.21E-05	1.91E-03	1.58E-03	1.86E-04	3.54E-04	4.52E-04	2.66E-06	6.05E-04	7.74E-04	2.37E-04	1.40E-06	4.75E-05	5.36E-05	4.65E-03
668	376900	3767500	Residential	6.74E-04	3.79E-05	8.81E-04	1.65E-03	3.68E-05	1.26E-04	3.93E-05	1.80E-03	1.49E-03	1.74E-04	3.31E-04	4.49E-04	2.64E-06	5.88E-04	7.71E-04	2.36E-04	1.39E-06	4.71E-05	5.34E-05	4.53E-03
669	377900	3767500	Residential	9.00E-04	5.75E-05	1.30E-03	2.25E-03	5.55E-05	1.66E-04	5.86E-05	2.70E-03	2.24E-03	2.61E-04	4.98E-04	6.89E-04	4.06E-06	9.01E-04	1.18E-03	3.62E-04	2.13E-06	7.23E-05	8.19E-05	6.95E-03
670	378900	3767500	Residential	7.79E-04	3.69E-05	8.92E-04	1.85E-03	3.64E-05	1.47E-04	3.93E-05	1.77E-03	1.47E-03	1.72E-04	3.28E-04	4.31E-04	2.53E-06	5.65E-04	7.38E-04	2.26E-04	1.34E-06	4.52E-05	5.12E-05	4.36E-03
671	379900	3767500	Residential	6.62E-04	3.26E-05	7.80E-04	1.58E-03	3.20E-05	1.25E-04	3.44E-05	1.56E-03	1.29E-03	1.51E-04	2.88E-04	4.10E-04	2.41E-06	5.18E-04	7.02E-04	2.15E-04	1.27E-06	4.28E-05	4.86E-05	4.02E-03
672	380900	3767500	Residential	6.81E-04	4.43E-05	1.00E-03	1.71E-03	4.27E-05	1.26E-04	4.51E-05	2.08E-03	1.72E-03	2.00E-04	3.83E-04	5.48E-04	3.22E-06	7.06E-04	9.39E-04	2.88E-04	1.69E-06	5.47E-05	6.51E-05	5.46E-03
673	381900	3767500	commercial	7.63E-04	3.57E-05	8.65E-04	1.81E-03	3.53E-05	1.44E-04	3.81E-05	1.72E-03	1.42E-03	1.67E-04	3.18E-04	4.08E-04	2.40E-06	5.40E-04	6.99E-04	2.14E-04	1.26E-06	4.28E-05	4.84E-05	4.16E-03
674	382900	3767500	Residential/Commercial	6.17E-04	4.25E-05	9.50E-04	1.57E-03	4.08E-05	1.13E-04	4.29E-05	1.99E-03	1.65E-03	1.91E-04	3.66E-04	5.09E-04	3.00E-06	6.67E-04	8.73E-04	2.67E-04	1.57E-06	5.34E-05	6.05E-05	5.14E-03
675	383900	3767500	Residential/Commercial	6.72E-04	2.84E-05	7.06E-04	1.57E-03	2.83E-05	1.28E-04	3.08E-05	1.38E-03	1.14E-03	1.35E-04	2.56E-04	3.63E-04	2.13E-06	4.52E-04	6.22E-04	1.90E-04	1.12E-06	3.79E-05	4.31E-05	3.52E-03
676	384900	3767500	Residential	5.45E-04	2.99E-05	6.99E-04	1.33E-03	2.92E-05	1.02E-04	3.11E-05	1.42E-03	1.18E-03	1.38E-04	2.62E-04	3.69E-04	2.17E-06	4.73E-04	6.32E-04	1.94E-04	1.14E-06	3.86E-05	4.38E-05	3.66E-03
677	375433	3757542	Residential/Commercial	2.42E-03	1.46E-04	3.35E-03	5.98E-03	1.42E-04	4.49E-04	1.50E-04	6.90E-03	5.72E-03	6.67E-04	1.27E-03	1.73E-03	1.02E-05	2.28E-03	2.97E-03	9.09E-04	5.36E-06	1.82E-04	2.06E-04	1.76E-02
678	372703	3761800	Residential/Commercial	2.38E-03	1.07E-04	2.61E-03	5.59E-03	1.06E-04	4.52E-04	1.14E-04	5.15E-03	4.25E-03	5.01E-04	9.53E-04	1.27E-03	7.48E-06	1.65E-03						

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Receptors and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m <sup>3</sup> )	acrolein (µg/m <sup>3</sup> )	benzene (µg/m <sup>3</sup> )	formaldehyde (µg/m <sup>3</sup> )	methyl alcohol (µg/m <sup>3</sup> )	methyl ethyl ketone (µg/m <sup>3</sup> )	styrene (µg/m <sup>3</sup> )	toluene (µg/m <sup>3</sup> )	xylene, total (µg/m <sup>3</sup> )	1,3-Butadiene (µg/m <sup>3</sup> )	ethyl benzene (µg/m <sup>3</sup> )	ammonium (µg/m <sup>3</sup> )	arsenic (µg/m <sup>3</sup> )	chlorine (µg/m <sup>3</sup> )	copper (µg/m <sup>3</sup> )	manganese (µg/m <sup>3</sup> )	mercury (µg/m <sup>3</sup> )	nickel (µg/m <sup>3</sup> )	vanadium (µg/m <sup>3</sup> )	sulfates (µg/m <sup>3</sup> )
711	368501	3761632	Residential/Commercial	8.21E-04	3.27E-05	8.26E-04	1.90E-03	3.28E-05	1.57E-04	3.59E-05	1.60E-03	1.32E-03	1.56E-04	2.96E-04	3.58E-04	2.10E-06	4.81E-04	6.13E-04	1.88E-04	1.11E-06	3.76E-05	4.24E-05	3.70E-03
712	368673	3761678	Residential/Commercial	9.74E-04	3.39E-05	8.89E-04	2.21E-03	3.45E-05	1.87E-04	3.82E-05	1.68E-03	1.38E-03	1.65E-04	3.78E-04	2.22E-06	4.99E-04	6.47E-04	1.98E-04	1.17E-06	3.96E-05	4.48E-05	3.85E-03	
713	376085	3761776	Residential	1.44E-03	8.46E-05	1.95E-03	3.54E-03	8.20E-05	2.68E-04	8.71E-05	3.99E-03	3.31E-03	3.86E-04	7.37E-04	1.02E-03	5.98E-06	1.32E-03	1.74E-03	5.33E-04	3.15E-06	1.07E-04	1.21E-04	1.02E-02
714	365787	3761962	Residential/Commercial	6.74E-04	2.16E-05	5.81E-04	1.52E-03	2.22E-05	1.30E-04	2.47E-05	1.08E-03	8.88E-04	1.06E-04	2.01E-04	2.52E-04	1.48E-06	3.23E-04	4.31E-04	1.32E-04	7.82E-07	2.63E-05	2.99E-05	2.50E-03
715	367729	3761967	Residential/Commercial	7.10E-04	3.22E-05	7.85E-04	1.67E-03	3.19E-05	1.35E-04	3.45E-05	1.55E-03	1.28E-03	1.51E-04	2.87E-04	3.61E-04	2.12E-06	4.82E-04	6.18E-04	1.89E-04	1.12E-06	3.79E-05	4.28E-05	3.71E-03
716	364017	3762187	Residential/Commercial	3.65E-04	1.48E-05	3.72E-04	8.47E-04	1.48E-05	6.97E-05	1.62E-05	7.22E-04	5.95E-04	7.05E-05	1.34E-04	2.07E-04	1.22E-06	2.47E-04	3.55E-04	1.09E-04	6.42E-07	2.16E-05	2.46E-05	1.94E-03
717	375921	3762083	Residential/Commercial	1.64E-03	6.60E-05	1.66E-03	3.80E-03	6.61E-05	3.13E-04	7.22E-05	3.22E-03	2.66E-03	3.15E-04	5.97E-04	8.20E-04	4.82E-06	1.03E-03	1.40E-03	4.30E-04	2.54E-06	8.57E-05	9.73E-05	8.03E-03
718	369228	3762252	Residential/Commercial	1.01E-03	3.30E-05	8.82E-04	2.28E-03	3.38E-05	1.95E-04	3.76E-05	1.65E-03	1.35E-03	1.62E-04	3.06E-04	3.57E-04	2.10E-06	4.77E-04	6.11E-04	1.87E-04	1.11E-06	3.75E-05	4.24E-05	3.67E-03
719	376085	3761776	Residential/Commercial	1.44E-03	8.46E-05	1.95E-03	3.54E-03	8.20E-05	2.68E-04	8.71E-05	3.99E-03	3.31E-03	3.86E-04	7.37E-04	1.02E-03	5.98E-06	1.32E-03	1.74E-03	5.33E-04	3.15E-06	1.07E-04	1.21E-04	1.02E-02
720	369007	3762513	Residential/Commercial	9.88E-04	3.16E-05	8.51E-04	2.22E-03	3.25E-05	1.91E-04	3.63E-05	1.58E-03	1.30E-03	1.56E-04	2.95E-04	3.42E-04	2.01E-06	4.57E-04	5.86E-04	1.79E-04	1.06E-06	3.59E-05	4.06E-05	3.51E-03
721	369457	3762567	Residential/Commercial	7.06E-04	3.13E-05	7.69E-04	1.66E-03	3.11E-05	1.34E-04	3.37E-05	1.51E-03	1.25E-03	1.47E-04	2.80E-04	3.69E-04	2.17E-06	4.80E-04	6.33E-04	1.94E-04	1.15E-06	3.87E-05	4.39E-05	3.71E-03
722	377908	3762502	Residential/Commercial	9.20E-04	5.76E-05	1.31E-03	2.29E-03	5.56E-05	1.70E-04	5.89E-05	2.71E-03	2.52E-03	2.61E-04	5.00E-04	7.02E-04	4.13E-06	9.10E-04	1.20E-03	3.69E-04	2.17E-06	7.36E-05	8.34E-05	7.03E-03
723	364953	3762795	Residential/Commercial	5.78E-04	1.96E-05	5.19E-04	1.31E-03	2.00E-05	1.11E-04	2.22E-05	9.77E-04	8.04E-04	9.60E-05	1.82E-04	2.29E-04	1.34E-06	2.95E-04	3.92E-04	1.20E-04	7.10E-07	2.39E-05	2.71E-05	2.28E-03
724	367926	3763311	Residential/Commercial	8.27E-04	2.60E-05	7.04E-04	1.86E-03	2.68E-05	1.60E-04	2.99E-05	1.31E-03	1.07E-03	1.29E-04	2.43E-04	3.03E-04	1.78E-06	3.89E-04	5.19E-04	1.59E-04	9.41E-07	3.17E-05	3.59E-05	3.01E-03
725	366670	3763343	Residential/Commercial	5.38E-04	2.31E-05	5.71E-04	1.26E-03	3.20E-05	1.02E-04	2.50E-05	1.12E-03	9.23E-04	1.09E-04	2.07E-04	2.65E-04	1.56E-06	3.49E-04	4.54E-04	1.39E-04	8.22E-07	2.78E-05	3.15E-05	2.69E-03
726	368501	3761632	Residential/Commercial	8.21E-04	3.27E-05	8.26E-04	1.90E-03	3.28E-05	1.57E-04	3.59E-05	1.60E-03	1.32E-03	1.56E-04	2.96E-04	3.58E-04	2.10E-06	4.81E-04	6.13E-04	1.88E-04	1.11E-06	3.76E-05	4.24E-05	3.70E-03
727	377925	3763643	Residential/Commercial	6.92E-04	4.17E-05	9.56E-04	1.71E-03	4.04E-05	1.23E-04	4.28E-05	1.97E-03	1.63E-03	1.90E-04	3.63E-04	4.99E-04	2.94E-06	6.52E-04	8.56E-04	2.62E-04	1.55E-06	5.24E-05	5.93E-05	5.03E-03
728	366009	3763818	Residential/Commercial	4.61E-04	2.12E-05	5.16E-04	1.09E-03	2.10E-05	8.73E-05	2.27E-05	1.02E-03	8.44E-04	9.94E-05	1.89E-04	2.42E-04	1.42E-06	3.21E-04	4.15E-04	1.27E-04	7.50E-07	2.54E-05	2.87E-05	2.47E-03
729	375504	3764538	Residential/Commercial	1.08E-03	5.89E-05	1.38E-03	2.62E-03	5.74E-05	2.02E-04	5.15E-05	2.80E-03	2.31E-03	2.71E-04	5.16E-04	6.32E-04	3.72E-06	8.70E-04	1.08E-03	3.32E-04	1.96E-06	6.66E-05	7.50E-05	6.65E-03
730	367575	3764901	Residential/Commercial	8.89E-04	2.41E-05	6.85E-04	1.97E-03	2.53E-05	1.73E-04	2.87E-05	1.23E-03	1.01E-03	1.22E-04	2.30E-04	2.56E-04	1.50E-06	3.40E-04	4.38E-04	1.34E-04	7.98E-07	2.68E-05	3.03E-05	2.62E-03
731	375903	3764941	Residential/Commercial	4.84E-04	3.30E-05	7.38E-04	1.23E-03	3.16E-05	8.90E-05	3.33E-05	1.54E-03	1.28E-03	1.48E-04	2.84E-04	3.82E-04	2.25E-06	5.09E-04	6.55E-04	2.01E-04	1.18E-06	4.02E-05	4.54E-05	3.91E-03
732	370243	3759623	Residential/Commercial	3.72E-03	1.10E-04	3.05E-03	8.30E-03	1.15E-04	7.20E-04	1.29E-04	5.59E-03	4.53E-03	5.52E-04	1.04E-03	1.20E-03	7.08E-06	1.59E-03	2.06E-03	6.31E-04	3.74E-06	1.26E-04	1.43E-04	1.23E-02
733	368870	3760567	Residential/Commercial	6.99E-04	3.90E-05	9.08E-04	1.70E-03	3.79E-05	1.31E-04	4.05E-05	1.85E-03	1.58E-03	1.79E-04	3.41E-04	3.72E-04	2.19E-06	5.47E-04	6.38E-04	1.96E-04	1.15E-06	3.94E-05	4.42E-05	4.14E-03
734	373929	3765507	Residential/Commercial	4.29E-04	3.14E-05	6.94E-04	1.10E-03	3.00E-05	7.82E-05	3.15E-05	1.46E-03	1.21E-03	1.40E-04	2.89E-04	3.59E-04	2.11E-06	4.82E-04	6.15E-04	1.88E-04	1.11E-06	3.77E-05	4.26E-05	3.70E-03
735	367495	3758315	Residential/Commercial	1.51E-03	8.48E-05	1.97E-03	3.68E-03	8.25E-05	2.81E-04	8.79E-05	4.02E-03	3.33E-03	3.89E-04	7.42E-04	1.10E-03	6.44E-06	1.38E-03	3.39E-06	5.75E-04	3.39E-06	1.14E-04	1.30E-04	1.07E-02
736	372688	3759513	Residential/Commercial	1.27E-03	8.43E-05	1.90E-03	3.20E-03	8.11E-05	2.34E-04	8.55E-05	3.95E-03	3.28E-03	3.81E-04	7.28E-04	1.03E-03	6.05E-06	1.34E-03	1.76E-03	5.40E-04	3.18E-06	1.08E-04	1.22E-04	1.03E-02
737	374717	3762574	Residential/Commercial	1.29E-03	7.37E-05	1.71E-03	3.15E-03	7.16E-05	2.40E-04	7.62E-05	3.49E-03	2.89E-03	3.37E-04	6.44E-04	8.38E-04	4.93E-06	1.12E-03	1.44E-03	4.40E-04	2.60E-06	8.81E-05	9.96E-05	8.62E-03
738	377840	3764649	Residential/Commercial	7.03E-04	3.69E-05	8.70E-04	1.70E-03	3.61E-05	1.32E-04	3.86E-05	1.76E-03	1.45E-03	1.70E-04	3.25E-04	3.97E-04	2.33E-06	5.44E-04	6.80E-04	2.08E-04	1.23E-06	4.18E-05	4.71E-05	4.17E-03
739	367831	3763246	Residential/Commercial	7.86E-04	2.52E-05	6.78E-04	1.77E-03	2.59E-05	1.52E-04	2.89E-05	1.26E-03	1.04E-03	1.24E-04	2.35E-04	2.93E-04	1.72E-06	3.77E-04	5.02E-04	1.54E-04	9.10E-07	3.07E-05	3.48E-05	2.92E-03
740	375908	3763939	Residential/Commercial	9.82E-04	6.99E-05	1.55E-03	2.51E-03	6.70E-05	1.80E-04	7.04E-05	3.26E-03	2.71E-03	3.14E-04	6.01E-04	8.55E-04	5.03E-06	1.11E-03	1.47E-03	4.49E-04	2.65E-06	8.97E-05	1.02E-04	8.57E-03
741	368189	3766591	Residential/Commercial	1.93E-03	7.79E-05	1.99E-03	4.48E-03	7.95E-05	3.68E-04	8.67E-05	3.88E-03	3.20E-03	3.78E-04	7.18E-04	1.17E-03	6.86E-06	1.36E-03	1.00E-03	6.11E-04	3.61E-06	1.21E-04	1.38E-04	1.07E-02
742	377563	3763030	Residential/Commercial	1.24E-03	9.97E-05	2.17E-03	3.26E-03	9.48E-05	2.24E-04	9.90E-05	4.62E-03	3.84E-03	4.43E-04	8.50E-04	1.28E-03	7.51E-06	1.63E-03	2.19E-03	6.70E-04	3.95E-06	1.34E-04	1.52E-04	1.26E-02
743	377052	3761912	Residential/Commercial	1.25E-03	8.20E-05	1.85E-03	3.13E-03	7.89E-05	2.30E-04	8.33E-05	3.85E-03	3.19E-03	3.71E-04	7.09E-04	1.05E-03	6.18E-06	1.33E-03	1.80E-03	5.51E-04	3.25E-06	1.10E-04	1.25E-04	1.03E-02
744	377842	3762247	Residential/Commercial	9.48E-04	5.82E-05	1.33E-03	2.35E-03	5.62E-05	1.76E-04	5.96E-05	2.74E-03	2.27E-03	2.64E-04	5.05E-04	6.77E-04	3.98E-06	8.97E-04	1.16E-03	3.55E-04	2.09E-06	7.11E-05	8.04E-05	6.90E-03
745	377388	3762578	Residential/Commercial	8.38E-04	5.09E-05	1.17E-03	2.08E-03	4.93E-05	1.56E-04	5.22E-05	1.99E-03	2.32E-04	4.43E-04	6.04E-04	3.56E-06	7.93E-04	1.04E-03	3.17E-04	1.87E-06	6.34E-05	7.18E-05	6.12E-03	
746	366671	3762769	Residential/Commercial	5.86E-04	2.70E-05	6.57E-04	1.38E-03	2.67E-05	1.11E-04	2.89E-05	1.30E-03	1.07E-03	1.27E-04	2.41E-04	3.07E-04	1.81E-06	4.08E-04	5.26E-04	1.61E-04	9.52E-07	3.23E-05	3.65E-05	3.14E-03
747	364852	3762804	Residential/Commercial	5.69E-04	1.94E-05	5.11E-04	1.29E-03	1.97E-05	1.10E-04	2.19E-05	9.62E-04	7.91E-04	9.45E-05	1.79E-04	2.21E-04	1.30E-06	2.88E-04	3.79E-04	1.16E-04	6.87E-07	2.32E-05	2.63E-05	2.23E-03
748	377238	3763993	Residential/Commercial	7.62E-04	4.15E-05	9.71E-04	1.85E-03	4.04E-05	1.43E-04	4.32E-05	1.97E-03	1.63E-03	1.91E-04	3.64E-04	4.64E-04	2.73E-06	6.25E-04	7.96E-04	2.44E-04	1.44E-06	4.88E-05	5.52E-05	4.80E-03
749	375536	3765510	Residential/Commercial	4.39E-04	2.98E-05	6.68E-04	1.11E-03	2.86E-05	8.08E-05	3.02E-05	1.40E-03	1.16E-03	1.34E-04	2.57E-04	3.46								

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landslide Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m <sup>3</sup> )	acrolein (µg/m <sup>3</sup> )	benzene (µg/m <sup>3</sup> )	formaldehyde (µg/m <sup>3</sup> )	methyl alcohol (µg/m <sup>3</sup> )	methyl ethyl ketone (µg/m <sup>3</sup> )	styrene (µg/m <sup>3</sup> )	toluene (µg/m <sup>3</sup> )	xylene, total (µg/m <sup>3</sup> )	1,3-Butadiene (µg/m <sup>3</sup> )	ethyl benzene (µg/m <sup>3</sup> )	ammonium (µg/m <sup>3</sup> )	arsenic (µg/m <sup>3</sup> )	chlorine (µg/m <sup>3</sup> )	copper (µg/m <sup>3</sup> )	manganese (µg/m <sup>3</sup> )	mercury (µg/m <sup>3</sup> )	nickel (µg/m <sup>3</sup> )	vanadium (µg/m <sup>3</sup> )	sulfates (µg/m <sup>3</sup> )
782	371516	3762578	Residential/Commercial	8.01E-04	3.87E-05	9.31E-04	1.91E-03	3.81E-05	1.51E-04	4.11E-05	1.86E-03	1.54E-03	1.81E-04	3.44E-04	4.06E-04	2.39E-06	5.64E-04	6.96E-04	2.13E-04	1.26E-06	4.28E-05	4.82E-05	4.31E-03
783	370626	3763759	Residential/Commercial	6.60E-04	2.94E-05	7.20E-04	1.55E-03	2.91E-05	1.25E-04	3.16E-05	1.42E-03	1.17E-03	1.38E-04	2.63E-04	3.34E-04	1.96E-06	4.42E-04	5.72E-04	1.75E-04	1.03E-06	3.50E-05	3.96E-05	3.41E-03
784	373990	3753826	Residential/Commercial	3.50E-03	7.85E-05	2.40E-03	7.62E-03	8.49E-05	6.84E-04	4.14E-03	3.38E-03	4.14E-04	7.75E-04	7.99E-04	4.69E-06	1.07E-03	1.37E-03	4.18E-04	2.49E-06	8.38E-05	9.46E-05	8.20E-03	
785	375462	3752077	Residential/Commercial	1.63E-03	4.72E-05	1.31E-03	3.63E-03	4.92E-05	3.16E-04	5.54E-05	2.40E-03	1.97E-03	2.37E-04	4.47E-04	4.54E-04	2.67E-06	6.40E-04	7.77E-04	2.38E-04	1.41E-06	4.79E-05	5.38E-05	4.88E-03
786	375462	3752077	Residential/Commercial	1.63E-03	4.72E-05	1.31E-03	3.63E-03	4.92E-05	3.16E-04	5.54E-05	2.40E-03	1.97E-03	2.37E-04	4.47E-04	4.54E-04	2.67E-06	6.40E-04	7.77E-04	2.38E-04	1.41E-06	4.79E-05	5.38E-05	4.88E-03
787	373547	3760907	Residential/Commercial	1.59E-03	1.40E-04	3.01E-03	4.28E-03	1.33E-04	2.85E-04	1.38E-04	6.46E-03	5.36E-03	6.19E-04	1.19E-03	1.55E-03	9.11E-06	2.13E-03	2.65E-03	8.13E-04	4.78E-06	1.63E-04	1.84E-04	1.63E-02
788	374058	3758197	Residential/Commercial	2.60E-03	2.30E-04	4.93E-03	7.00E-03	2.17E-04	4.65E-04	2.26E-04	1.06E-02	8.79E-03	1.01E-03	1.95E-03	2.85E-03	1.68E-05	3.70E-03	4.89E-03	1.50E-03	8.82E-06	2.99E-04	3.39E-04	2.85E-02
789	372943	3761052	Residential/Commercial	1.96E-03	1.24E-04	2.82E-03	4.89E-03	1.20E-04	3.62E-04	1.27E-04	5.84E-03	4.84E-03	5.63E-04	1.08E-03	1.33E-03	7.82E-06	1.84E-03	2.28E-03	6.98E-04	4.11E-06	1.40E-04	1.58E-04	1.41E-02
790	374694	3758983	Residential/Commercial	2.13E-03	1.19E-04	2.78E-03	5.20E-03	1.16E-04	3.98E-04	1.24E-04	5.66E-03	4.68E-03	5.47E-04	1.04E-03	1.40E-03	8.26E-06	1.85E-03	2.41E-03	7.37E-04	4.35E-06	1.47E-04	1.67E-04	1.42E-02
791	376709	3756388	Residential/Commercial	1.34E-03	7.78E-05	1.80E-03	3.29E-03	7.55E-05	2.49E-04	8.03E-05	3.68E-03	3.04E-03	3.55E-04	6.79E-04	9.57E-04	5.63E-06	1.23E-03	1.64E-03	5.02E-04	2.96E-06	1.00E-04	1.14E-04	9.52E-03
792	377753	3759273	Residential/Commercial	2.06E-03	1.56E-04	3.43E-03	5.34E-03	1.49E-04	3.74E-04	1.56E-04	7.25E-03	6.02E-03	6.97E-04	1.33E-03	2.01E-03	1.18E-05	2.55E-03	3.45E-03	1.06E-03	6.22E-06	2.10E-04	2.39E-04	1.98E-02
793	377313	3756205	Residential/Commercial	1.41E-03	6.39E-05	1.56E-03	3.32E-03	6.33E-05	2.67E-04	6.84E-05	3.08E-03	2.55E-03	3.00E-04	5.70E-04	1.40E-03	4.54E-06	9.93E-04	1.32E-03	4.05E-04	2.39E-06	8.08E-05	9.16E-05	7.68E-03
794	374689	3758985	Residential/Commercial	2.15E-03	1.19E-04	2.77E-03	5.23E-03	1.16E-04	4.02E-04	1.25E-04	5.64E-03	4.67E-03	5.46E-04	1.04E-03	1.40E-03	8.23E-06	1.84E-03	2.40E-03	7.35E-04	4.33E-06	1.47E-04	1.66E-04	1.42E-02
795	375615	3760555	Residential/Commercial	1.63E-03	1.14E-04	2.53E-03	4.16E-03	1.09E-04	3.00E-04	1.14E-04	5.31E-03	4.40E-03	5.11E-04	9.77E-04	1.40E-03	8.25E-06	1.81E-03	2.40E-03	7.36E-04	4.34E-06	1.47E-04	1.66E-04	1.42E-02
796	377753	3759273	Residential/Commercial	2.06E-03	1.56E-04	3.43E-03	5.34E-03	1.49E-04	3.74E-04	1.56E-04	7.25E-03	6.02E-03	6.97E-04	1.33E-03	2.01E-03	1.18E-05	2.55E-03	3.45E-03	1.06E-03	6.22E-06	2.10E-04	2.39E-04	1.98E-02
797	374561	3757643	Residential/Commercial	2.45E-03	1.74E-04	3.87E-03	6.27E-03	1.67E-04	4.49E-04	1.75E-04	8.13E-03	6.74E-03	7.82E-04	1.50E-03	2.04E-03	1.20E-05	2.71E-03	3.50E-03	1.07E-03	6.32E-06	2.15E-04	2.43E-04	2.08E-02
798	376814	3754856	Residential/Commercial	1.06E-03	6.65E-05	1.51E-03	2.64E-03	6.42E-05	1.96E-04	6.79E-05	3.13E-03	2.59E-03	3.02E-04	5.76E-04	7.36E-04	4.33E-06	1.00E-03	1.28E-03	3.87E-04	2.28E-06	7.75E-05	8.74E-05	7.69E-03
799	374271	3758673	Residential/Commercial	2.83E-03	1.32E-04	3.21E-03	6.70E-03	1.31E-04	5.35E-04	1.41E-04	6.37E-03	5.26E-03	6.19E-04	1.18E-03	1.59E-03	9.34E-06	2.05E-03	2.72E-03	8.33E-04	4.92E-06	1.66E-04	1.89E-04	1.59E-02
800	375718	3758205	Residential/Commercial	2.64E-03	1.70E-04	3.84E-03	6.62E-03	1.64E-04	4.89E-04	1.73E-04	7.97E-03	6.60E-03	7.68E-04	1.47E-03	2.22E-03	1.30E-05	2.78E-03	3.80E-03	1.16E-03	6.86E-06	2.32E-04	2.63E-04	2.16E-02
801	373758	3758043	Residential/Commercial	3.08E-03	2.79E-04	5.98E-03	8.36E-03	2.64E-04	5.49E-04	2.74E-04	1.29E-02	1.07E-02	1.23E-03	2.37E-03	3.47E-03	2.04E-05	4.50E-03	5.95E-03	1.62E-03	1.07E-05	3.64E-04	4.12E-04	3.47E-02
802	377227	3756422	Residential/Commercial	2.11E-03	8.46E-05	2.13E-03	4.88E-03	8.47E-05	4.03E-04	9.26E-05	4.13E-03	3.40E-03	4.03E-04	7.65E-04	9.80E-04	5.76E-06	1.28E-03	1.68E-03	5.14E-04	3.04E-06	1.10E-04	1.16E-04	9.87E-03
803	369242	3754696	Residential/Commercial	1.15E-03	4.92E-05	1.22E-03	2.69E-03	4.90E-05	2.19E-04	5.33E-05	2.39E-03	1.97E-03	2.33E-04	4.42E-04	5.64E-04	3.31E-06	7.43E-04	9.66E-04	2.96E-04	1.75E-06	5.91E-05	6.69E-05	5.73E-03
804	370246	3754243	Residential/Commercial	1.51E-03	5.06E-05	1.34E-03	3.41E-03	5.17E-05	2.90E-04	5.74E-05	2.52E-03	2.07E-03	2.48E-04	4.88E-04	5.48E-04	3.22E-06	7.34E-04	9.37E-04	2.87E-04	1.70E-06	5.75E-05	6.49E-05	5.64E-03
805	369504	3754702	Residential/Commercial	1.24E-03	4.76E-05	1.21E-03	2.85E-03	4.79E-05	2.37E-04	5.25E-05	2.33E-03	1.92E-03	2.28E-04	4.33E-04	5.17E-04	3.04E-06	6.96E-04	8.85E-04	2.71E-04	1.60E-06	5.43E-05	6.13E-05	5.34E-03
806	370151	3754700	Residential/Commercial	2.10E-03	5.41E-05	1.57E-03	4.63E-03	5.73E-05	4.09E-04	6.54E-05	2.79E-03	2.29E-03	2.78E-04	5.21E-04	5.92E-04	3.48E-06	7.74E-04	1.01E-03	3.10E-04	1.84E-06	6.19E-05	7.01E-05	5.98E-03
807	368971	3754678	Residential/Commercial	1.16E-03	5.11E-05	1.26E-03	2.73E-03	5.07E-05	2.21E-04	5.50E-05	2.47E-03	2.04E-03	2.41E-04	4.58E-04	6.07E-04	3.57E-06	7.86E-04	1.02E-03	3.18E-04	1.88E-06	6.36E-05	7.20E-05	6.07E-03
808	367976	3763337	Residential/Commercial	8.42E-04	2.64E-05	7.15E-04	1.89E-03	2.72E-05	1.63E-04	3.04E-05	1.33E-03	1.09E-03	1.31E-04	2.47E-04	3.04E-04	1.79E-06	5.41E-04	6.10E-04	3.92E-04	1.54E-06	3.19E-05	3.61E-05	3.04E-03
809	373756	3761779	Residential/Commercial	1.40E-03	9.78E-05	2.13E-03	3.17E-03	9.30E-05	2.17E-04	9.70E-05	4.53E-03	3.76E-03	4.35E-04	8.33E-04	1.18E-03	6.85E-06	1.54E-03	2.00E-03	6.12E-04	3.60E-06	1.22E-04	1.38E-04	1.18E-02
810	369316	3758239	Residential/Commercial	3.27E-03	1.42E-04	3.57E-03	8.06E-03	1.42E-04	6.62E-04	1.55E-04	6.94E-03	5.72E-03	6.77E-04	1.29E-03	2.34E-03	1.38E-05	2.61E-03	4.01E-03	1.23E-03	7.27E-06	2.43E-04	2.78E-04	2.07E-02
811	368505	3758571	Residential/Commercial	2.76E-03	1.21E-04	2.98E-03	6.47E-03	1.20E-04	5.25E-04	1.30E-04	5.86E-03	4.84E-03	5.71E-04	1.09E-03	1.53E-03	8.98E-06	1.92E-03	2.61E-03	8.00E-04	4.73E-06	1.69E-04	1.81E-04	1.49E-02
812	369131	3758945	Residential/Commercial	4.00E-03	9.13E-05	2.77E-03	8.71E-03	9.85E-05	7.81E-04	1.14E-04	4.80E-03	3.92E-03	4.80E-04	8.99E-04	9.66E-04	5.67E-06	1.27E-03	1.65E-03	5.06E-04	3.01E-06	1.01E-04	1.14E-04	9.78E-03
813	370191	3758848	Residential/Commercial	3.03E-03	7.40E-05	2.19E-03	6.65E-03	7.90E-05	5.92E-04	9.07E-05	3.85E-03	3.15E-03	3.84E-04	7.20E-04	8.48E-04	4.98E-06	1.08E-03	1.45E-03	4.44E-04	2.64E-06	8.85E-05	1.00E-04	8.35E-03
814	370947	3758261	Residential/Commercial	4.44E-03	1.14E-04	3.30E-03	9.77E-03	1.20E-04	8.65E-04	1.38E-04	5.87E-03	4.81E-03	5.84E-04	1.10E-03	1.23E-03	7.20E-06	1.61E-03	2.10E-03	6.42E-04	3.81E-06	1.28E-04	1.45E-04	1.24E-02
815	370159	3754700	Residential/Commercial	2.12E-03	5.45E-05	1.58E-03	4.66E-03	5.77E-05	4.12E-04	6.58E-05	2.81E-03	2.30E-03	2.79E-04	5.25E-04	5.96E-04	3.50E-06	7.79E-04	1.02E-03	3.12E-04	1.86E-06	6.24E-05	7.06E-05	6.02E-03
816	369845	3754155	Residential/Commercial	2.48E-03	7.66E-05	2.09E-03	5.57E-03	7.91E-05	4.80E-04	8.86E-05	3.86E-03	3.17E-03	3.80E-04	7.18E-04	1.03E-03	6.08E-06	1.24E-03	1.77E-03	5.41E-04	3.21E-06	1.08E-04	1.23E-04	9.70E-03
817	368869	3754098	Residential/Commercial	1.66E-03	5.33E-05	1.43E-03	3.73E-03	5.48E-05	3.20E-04	6.10E-05	2.67E-03	2.19E-03	2.63E-04	4.96E-04	7.33E-04	4.31E-06	8.72E-04	1.25E-03	3.84E-04	2.28E-06	7.62E-05	8.70E-05	6.84E-03
818	371369	3754219	Residential/Commercial	2.94E-03	7.59E-05	2.20E-03	6.48E-03	8.03E-05	5.73E-04	9.17E-05	3.92E-03	3.20E-03	3.89E-04	7.31E-04	8.23E-04	4.83E-06	1.08E-03	1.41E-03	4.31E-04	2.56E-06	8.61E-05	9.74E-05	8.35E-03
819	371786	3754168	Residential/Commercial	1.94E-03	6.93E-05	1.80E-03	4.43E-03	7.03E-05	3.74E-04	7.76E-05	3.42E-03	2.82E-03	3.36E-04	6.36E-04	6.64E-04	3.90E-06	9.51E-04	1.14E-03	3.48E-04	2.06E-06	7.01E-05	7.87E-05	7.23E-03
820	370758	3758525	Residential/Commercial	4.29E-03	9.58E-05	2.93E-03	9.34E-03	1.04E-04	8.40E-04	1.20E-04	5.06E-03	4.13E-03	5.06E-04	9.4									

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(µg/m <sup>3</sup> )																			
853	369830	3755395	Commercial	3.44E-03	8.52E-05	2.50E-03	7.55E-03	9.07E-05	6.70E-04	1.04E-04	4.42E-03	3.62E-03	4.40E-04	8.26E-04	9.70E-04	5.70E-06	1.24E-03	1.66E-03	5.08E-04	3.02E-06	1.01E-04	1.15E-04	9.59E-03
854	368495	3756671	Onsite Commercial	1.27E-03	8.69E-05	1.95E-03	3.23E-03	8.34E-05	2.34E-04	8.78E-05	4.06E-03	3.37E-03	3.91E-04	7.49E-04	1.17E-03	6.87E-06	1.45E-03	2.00E-03	6.13E-04	3.61E-06	1.22E-04	1.39E-04	1.13E-02
855	370395	3756846	Onsite Commercial	3.63E-03	2.21E-04	5.06E-03	8.99E-03	2.14E-04	6.73E-04	2.27E-04	1.04E-02	8.63E-03	1.01E-03	1.92E-03	2.93E-03	1.73E-05	3.65E-03	5.02E-03	1.54E-03	9.08E-06	3.06E-04	3.48E-04	2.84E-02
856	369787	3758306	Fenceline	4.08E-03	9.76E-05	2.91E-03	8.93E-03	1.05E-04	7.96E-04	1.20E-04	5.10E-03	4.16E-03	5.08E-04	9.53E-04	1.04E-03	6.10E-06	1.37E-03	1.77E-03	5.44E-04	3.23E-06	1.09E-04	1.23E-04	1.05E-02
857	369786	3758306	Fenceline	4.08E-03	9.78E-05	2.91E-03	8.93E-03	1.05E-04	7.96E-04	1.20E-04	5.10E-03	4.17E-03	5.09E-04	9.54E-04	1.04E-03	6.11E-06	1.37E-03	1.78E-03	5.44E-04	3.24E-06	1.09E-04	1.23E-04	1.06E-02
858	369785	3758306	Fenceline	4.08E-03	9.79E-05	2.91E-03	8.93E-03	1.05E-04	7.96E-04	1.21E-04	5.11E-03	4.17E-03	5.09E-04	9.55E-04	1.04E-03	6.12E-06	1.37E-03	1.78E-03	5.46E-04	3.25E-06	1.09E-04	1.23E-04	1.06E-02
859	369784	3758306	Fenceline	4.10E-03	9.81E-05	2.92E-03	8.98E-03	1.05E-04	8.01E-04	1.21E-04	5.12E-03	4.19E-03	5.11E-04	9.58E-04	1.04E-03	6.13E-06	1.37E-03	1.78E-03	5.46E-04	3.25E-06	1.09E-04	1.24E-04	1.06E-02
860	369783	3758307	Fenceline	4.11E-03	9.83E-05	2.93E-03	9.00E-03	1.05E-04	8.03E-04	1.21E-04	5.13E-03	4.19E-03	5.12E-04	9.59E-04	1.04E-03	6.13E-06	1.37E-03	1.79E-03	5.47E-04	3.25E-06	1.09E-04	1.24E-04	1.06E-02
861	369782	3758308	Fenceline	4.12E-03	9.84E-05	2.93E-03	9.01E-03	1.05E-04	8.04E-04	1.21E-04	5.14E-03	4.20E-03	5.12E-04	9.61E-04	1.05E-03	6.15E-06	1.38E-03	1.79E-03	5.48E-04	3.26E-06	1.10E-04	1.24E-04	1.06E-02
862	369780	3758309	Fenceline	4.12E-03	9.86E-05	2.94E-03	9.02E-03	1.06E-04	8.05E-04	1.22E-04	5.15E-03	4.21E-03	5.13E-04	9.63E-04	1.05E-03	6.16E-06	1.38E-03	1.79E-03	5.50E-04	3.27E-06	1.10E-04	1.24E-04	1.06E-02
863	369778	3758310	Fenceline	4.12E-03	9.88E-05	2.94E-03	9.02E-03	1.06E-04	8.05E-04	1.22E-04	5.16E-03	4.21E-03	5.14E-04	9.64E-04	1.05E-03	6.18E-06	1.38E-03	1.80E-03	5.51E-04	3.28E-06	1.10E-04	1.25E-04	1.07E-02
864	369777	3758310	Fenceline	4.12E-03	9.90E-05	2.94E-03	9.03E-03	1.06E-04	8.05E-04	1.22E-04	5.16E-03	4.22E-03	5.15E-04	9.66E-04	1.05E-03	6.19E-06	1.39E-03	1.80E-03	5.52E-04	3.29E-06	1.10E-04	1.25E-04	1.07E-02
865	369775	3758310	Fenceline	4.17E-03	9.94E-05	2.96E-03	9.11E-03	1.06E-04	8.13E-04	1.23E-04	5.19E-03	4.24E-03	5.18E-04	9.70E-04	1.06E-03	6.21E-06	1.39E-03	1.81E-03	5.54E-04	3.29E-06	1.11E-04	1.25E-04	1.07E-02
866	369773	3758310	Fenceline	4.17E-03	9.96E-05	2.97E-03	9.11E-03	1.07E-04	8.13E-04	1.23E-04	5.20E-03	4.25E-03	5.18E-04	9.72E-04	1.06E-03	6.22E-06	1.39E-03	1.81E-03	5.55E-04	3.30E-06	1.11E-04	1.26E-04	1.08E-02
867	369771	3758310	Fenceline	4.16E-03	9.98E-05	2.97E-03	9.12E-03	1.07E-04	8.13E-04	1.23E-04	5.21E-03	4.26E-03	5.19E-04	9.74E-04	1.06E-03	6.24E-06	1.40E-03	1.82E-03	5.57E-04	3.31E-06	1.11E-04	1.26E-04	1.08E-02
868	369770	3758309	Fenceline	4.16E-03	1.00E-04	2.97E-03	9.11E-03	1.07E-04	8.12E-04	1.23E-04	5.22E-03	4.26E-03	5.20E-04	9.75E-04	1.07E-03	6.26E-06	1.40E-03	1.82E-03	5.58E-04	3.32E-06	1.12E-04	1.26E-04	1.08E-02
869	369768	3758309	Fenceline	4.16E-03	1.00E-04	2.98E-03	9.11E-03	1.07E-04	8.12E-04	1.23E-04	5.23E-03	4.27E-03	5.21E-04	9.77E-04	1.07E-03	6.28E-06	1.41E-03	1.83E-03	5.60E-04	3.33E-06	1.12E-04	1.27E-04	1.08E-02
870	369766	3758308	Fenceline	4.17E-03	1.01E-04	2.98E-03	9.13E-03	1.07E-04	8.14E-04	1.24E-04	5.24E-03	4.28E-03	5.22E-04	9.80E-04	1.07E-03	6.30E-06	1.41E-03	1.83E-03	5.62E-04	3.34E-06	1.12E-04	1.27E-04	1.09E-02
871	369765	3758307	Fenceline	4.18E-03	1.01E-04	2.99E-03	9.15E-03	1.08E-04	8.15E-04	1.24E-04	5.25E-03	4.29E-03	5.24E-04	9.82E-04	1.08E-03	6.32E-06	1.41E-03	1.84E-03	5.64E-04	3.35E-06	1.13E-04	1.27E-04	1.09E-02
872	369764	3758305	Fenceline	4.17E-03	1.01E-04	3.00E-03	9.14E-03	1.08E-04	8.15E-04	1.24E-04	5.26E-03	4.30E-03	5.25E-04	9.84E-04	1.08E-03	6.34E-06	1.42E-03	1.84E-03	5.65E-04	3.36E-06	1.13E-04	1.28E-04	1.09E-02
873	369763	3758304	Fenceline	4.17E-03	1.01E-04	3.00E-03	9.14E-03	1.08E-04	8.14E-04	1.24E-04	5.27E-03	4.31E-03	5.25E-04	9.85E-04	1.08E-03	6.35E-06	1.42E-03	1.85E-03	5.67E-04	3.37E-06	1.13E-04	1.28E-04	1.10E-02
874	369762	3758302	Fenceline	4.17E-03	1.01E-04	3.00E-03	9.13E-03	1.08E-04	8.13E-04	1.24E-04	5.28E-03	4.32E-03	5.26E-04	9.87E-04	1.09E-03	6.37E-06	1.42E-03	1.86E-03	5.68E-04	3.38E-06	1.14E-04	1.29E-04	1.10E-02
875	369761	3758301	Fenceline	4.16E-03	1.02E-04	3.00E-03	9.13E-03	1.09E-04	8.12E-04	1.25E-04	5.29E-03	4.32E-03	5.27E-04	9.89E-04	1.09E-03	6.40E-06	1.43E-03	1.86E-03	5.70E-04	3.39E-06	1.14E-04	1.29E-04	1.10E-02
876	369761	3758299	Fenceline	4.18E-03	1.02E-04	3.02E-03	9.16E-03	1.09E-04	8.15E-04	1.25E-04	5.31E-03	4.34E-03	5.29E-04	9.92E-04	1.09E-03	6.42E-06	1.44E-03	1.87E-03	5.73E-04	3.41E-06	1.14E-04	1.30E-04	1.11E-02
877	369761	3758297	Fenceline	4.19E-03	1.02E-04	3.02E-03	9.19E-03	1.09E-04	8.18E-04	1.25E-04	5.33E-03	4.35E-03	5.31E-04	9.96E-04	1.10E-03	6.44E-06	1.44E-03	1.88E-03	5.74E-04	3.42E-06	1.15E-04	1.30E-04	1.11E-02
878	369761	3758295	Fenceline	4.19E-03	1.03E-04	3.03E-03	9.20E-03	1.10E-04	8.18E-04	1.26E-04	5.34E-03	4.36E-03	5.32E-04	9.98E-04	1.10E-03	6.46E-06	1.44E-03	1.88E-03	5.76E-04	3.43E-06	1.15E-04	1.30E-04	1.11E-02
879	369761	3758294	Fenceline	4.20E-03	1.03E-04	3.03E-03	9.20E-03	1.10E-04	8.18E-04	1.26E-04	5.35E-03	4.37E-03	5.33E-04	9.99E-04	1.10E-03	6.48E-06	1.45E-03	1.89E-03	5.78E-04	3.44E-06	1.15E-04	1.31E-04	1.12E-02
880	369762	3758292	Fenceline	4.20E-03	1.03E-04	3.04E-03	9.21E-03	1.10E-04	8.19E-04	1.26E-04	5.36E-03	4.38E-03	5.33E-04	1.00E-03	1.11E-03	6.49E-06	1.45E-03	1.89E-03	5.79E-04	3.45E-06	1.16E-04	1.31E-04	1.12E-02
881	369763	3758290	Fenceline	4.20E-03	1.03E-04	3.04E-03	9.21E-03	1.10E-04	8.19E-04	1.26E-04	5.36E-03	4.39E-03	5.34E-04	1.00E-03	1.11E-03	6.51E-06	1.45E-03	1.89E-03	5.80E-04	3.45E-06	1.16E-04	1.31E-04	1.12E-02
882	369764	3758289	Fenceline	4.20E-03	1.03E-04	3.05E-03	9.22E-03	1.10E-04	8.20E-04	1.26E-04	5.37E-03	4.39E-03	5.35E-04	1.00E-03	1.11E-03	6.52E-06	1.46E-03	1.90E-03	5.81E-04	3.46E-06	1.16E-04	1.31E-04	1.12E-02
883	369765	3758288	Fenceline	4.21E-03	1.03E-04	3.05E-03	9.23E-03	1.10E-04	8.20E-04	1.27E-04	5.38E-03	4.40E-03	5.36E-04	1.01E-03	1.11E-03	6.52E-06	1.46E-03	1.90E-03	5.82E-04	3.46E-06	1.16E-04	1.31E-04	1.12E-02
884	369766	3758286	Fenceline	4.21E-03	1.04E-04	3.05E-03	9.23E-03	1.10E-04	8.21E-04	1.27E-04	5.38E-03	4.40E-03	5.36E-04	1.01E-03	1.11E-03	6.53E-06	1.46E-03	1.90E-03	5.82E-04	3.46E-06	1.16E-04	1.32E-04	1.13E-02
885	369768	3758285	Fenceline	4.21E-03	1.03E-04	3.05E-03	9.23E-03	1.10E-04	8.20E-04	1.27E-04	5.38E-03	4.40E-03	5.35E-04	1.00E-03	1.11E-03	6.52E-06	1.46E-03	1.90E-03	5.81E-04	3.46E-06	1.16E-04	1.32E-04	1.12E-02
886	369769	3758285	Fenceline	4.20E-03	1.03E-04	3.04E-03	9.22E-03	1.10E-04	8.20E-04	1.26E-04	5.37E-03	4.39E-03	5.35E-04	1.00E-03	1.11E-03	6.50E-06	1.45E-03	1.89E-03	5.80E-04	3.45E-06	1.16E-04	1.31E-04	1.12E-02
887	369771	3758284	Fenceline	4.20E-03	1.03E-04	3.04E-03	9.21E-03	1.10E-04	8.19E-04	1.26E-04	5.36E-03	4.38E-03	5.34E-04	1.00E-03	1.10E-03	6.49E-06	1.45E-03	1.89E-03	5.79E-04	3.44E-06	1.16E-04	1.31E-04	1.12E-02
888	369773	3758284	Fenceline	4.19E-03	1.03E-04	3.03E-03	9.19E-03	1.10E-04	8.17E-04	1.2													

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(µg/m <sup>3</sup> )																			
924	370793	3757989	Fenceline	4.51E-03	1.18E-04	3.40E-03	9.95E-03	1.25E-04	8.78E-04	1.42E-04	6.07E-03	4.97E-03	6.03E-04	1.13E-03	1.39E-03	8.18E-06	1.75E-03	2.38E-03	7.29E-04	4.33E-06	1.45E-04	1.65E-04	1.36E-02
925	370793	3757983	Fenceline	4.51E-03	1.19E-04	3.41E-03	9.96E-03	1.25E-04	8.78E-04	1.43E-04	6.11E-03	5.00E-03	6.06E-04	1.14E-03	1.41E-03	8.28E-06	1.77E-03	2.41E-03	7.38E-04	4.38E-06	1.47E-04	1.67E-04	1.37E-02
926	370793	3757977	Fenceline	4.53E-03	1.20E-04	3.43E-03	1.00E-02	1.26E-04	8.81E-04	1.44E-04	6.15E-03	5.04E-03	6.11E-04	1.15E-03	1.42E-03	8.37E-06	1.79E-03	2.44E-03	7.46E-04	4.43E-06	1.49E-04	1.69E-04	1.39E-02
927	370794	3757971	Fenceline	4.55E-03	1.20E-04	3.46E-03	1.00E-02	1.27E-04	8.85E-04	1.45E-04	6.19E-03	5.07E-03	6.15E-04	1.16E-03	1.44E-03	8.46E-06	1.80E-03	2.46E-03	7.54E-04	4.48E-06	1.50E-04	1.71E-04	1.40E-02
928	370795	3757965	Fenceline	4.57E-03	1.21E-04	3.48E-03	1.01E-02	1.28E-04	8.88E-04	1.45E-04	6.23E-03	5.10E-03	6.19E-04	1.16E-03	1.46E-03	8.55E-06	1.82E-03	2.49E-03	7.62E-04	4.52E-06	1.52E-04	1.73E-04	1.41E-02
929	370796	3757958	Fenceline	4.58E-03	1.22E-04	3.50E-03	1.01E-02	1.29E-04	8.92E-04	1.46E-04	6.27E-03	5.14E-03	6.22E-04	1.17E-03	1.47E-03	8.64E-06	1.83E-03	2.51E-03	7.70E-04	4.57E-06	1.53E-04	1.74E-04	1.43E-02
930	370797	3757952	Fenceline	4.59E-03	1.23E-04	3.51E-03	1.01E-02	1.29E-04	8.93E-04	1.47E-04	6.31E-03	5.16E-03	6.26E-04	1.18E-03	1.48E-03	8.72E-06	1.85E-03	2.54E-03	7.77E-04	4.61E-06	1.55E-04	1.76E-04	1.44E-02
931	370799	3757946	Fenceline	4.61E-03	1.24E-04	3.53E-03	1.02E-02	1.30E-04	8.96E-04	1.48E-04	6.34E-03	5.19E-03	6.29E-04	1.18E-03	1.50E-03	8.80E-06	1.86E-03	2.56E-03	7.84E-04	4.65E-06	1.56E-04	1.78E-04	1.45E-02
932	370800	3757941	Fenceline	4.24E-03	1.22E-04	3.41E-03	9.45E-03	1.27E-04	8.23E-04	1.44E-04	6.21E-03	5.09E-03	6.14E-04	1.16E-03	1.51E-03	8.87E-06	1.87E-03	2.58E-03	7.91E-04	4.69E-06	1.57E-04	1.79E-04	1.46E-02
933	370802	3757935	Fenceline	4.26E-03	1.23E-04	3.42E-03	9.48E-03	1.28E-04	8.26E-04	1.44E-04	6.24E-03	5.12E-03	6.18E-04	1.16E-03	1.52E-03	8.95E-06	1.89E-03	2.61E-03	7.97E-04	4.73E-06	1.59E-04	1.81E-04	1.47E-02
934	370804	3757929	Fenceline	4.27E-03	1.24E-04	3.44E-03	9.52E-03	1.29E-04	8.29E-04	1.45E-04	6.28E-03	5.15E-03	6.21E-04	1.17E-03	1.54E-03	9.02E-06	1.90E-03	2.63E-03	8.04E-04	4.77E-06	1.60E-04	1.82E-04	1.48E-02
935	370807	3757923	Fenceline	4.29E-03	1.25E-04	3.46E-03	9.56E-03	1.30E-04	8.32E-04	1.46E-04	6.32E-03	5.18E-03	6.25E-04	1.18E-03	1.55E-03	9.10E-06	1.91E-03	2.65E-03	8.11E-04	4.81E-06	1.61E-04	1.84E-04	1.49E-02
936	370809	3757918	Fenceline	4.31E-03	1.25E-04	3.48E-03	9.61E-03	1.30E-04	8.36E-04	1.47E-04	6.35E-03	5.21E-03	6.28E-04	1.18E-03	1.56E-03	9.17E-06	1.93E-03	2.67E-03	8.18E-04	4.85E-06	1.63E-04	1.85E-04	1.50E-02
937	370812	3757912	Fenceline	4.33E-03	1.26E-04	3.50E-03	9.65E-03	1.31E-04	8.40E-04	1.48E-04	6.39E-03	5.24E-03	6.32E-04	1.19E-03	1.57E-03	9.25E-06	1.94E-03	2.69E-03	8.24E-04	4.89E-06	1.64E-04	1.87E-04	1.51E-02
938	370815	3757907	Fenceline	4.35E-03	1.27E-04	3.52E-03	9.70E-03	1.32E-04	8.44E-04	1.48E-04	6.43E-03	5.27E-03	6.35E-04	1.20E-03	1.59E-03	9.32E-06	1.96E-03	2.71E-03	8.30E-04	4.93E-06	1.65E-04	1.89E-04	1.52E-02
939	370819	3757901	Fenceline	4.37E-03	1.27E-04	3.54E-03	9.75E-03	1.33E-04	8.48E-04	1.49E-04	6.46E-03	5.30E-03	6.39E-04	1.20E-03	1.60E-03	9.39E-06	1.97E-03	2.73E-03	8.37E-04	4.96E-06	1.67E-04	1.90E-04	1.53E-02
940	370822	3757896	Fenceline	4.40E-03	1.28E-04	3.56E-03	9.80E-03	1.33E-04	8.52E-04	1.50E-04	6.50E-03	5.33E-03	6.43E-04	1.21E-03	1.61E-03	9.46E-06	1.98E-03	2.75E-03	8.43E-04	5.00E-06	1.68E-04	1.91E-04	1.55E-02
941	370826	3757891	Fenceline	4.42E-03	1.28E-04	3.58E-03	9.85E-03	1.34E-04	8.57E-04	1.51E-04	6.54E-03	5.36E-03	6.46E-04	1.22E-03	1.62E-03	9.53E-06	2.00E-03	2.77E-03	8.49E-04	5.04E-06	1.69E-04	1.92E-04	1.56E-02
942	370829	3757886	Fenceline	4.44E-03	1.30E-04	3.60E-03	9.90E-03	1.35E-04	8.61E-04	1.52E-04	6.57E-03	5.39E-03	6.50E-04	1.22E-03	1.63E-03	9.60E-06	2.01E-03	2.79E-03	8.55E-04	5.07E-06	1.70E-04	1.94E-04	1.57E-02
943	370833	3757882	Fenceline	4.43E-03	1.30E-04	3.60E-03	9.89E-03	1.35E-04	8.59E-04	1.52E-04	6.59E-03	5.41E-03	6.52E-04	1.23E-03	1.64E-03	9.66E-06	2.02E-03	2.81E-03	8.61E-04	5.11E-06	1.71E-04	1.95E-04	1.58E-02
944	370838	3757877	Fenceline	4.34E-03	1.30E-04	3.58E-03	9.69E-03	1.35E-04	8.39E-04	1.51E-04	6.58E-03	5.40E-03	6.49E-04	1.22E-03	1.66E-03	9.73E-06	2.03E-03	2.83E-03	8.67E-04	5.14E-06	1.72E-04	1.96E-04	1.58E-02
945	370842	3757873	Fenceline	4.36E-03	1.31E-04	3.60E-03	9.74E-03	1.36E-04	8.44E-04	1.52E-04	6.61E-03	5.43E-03	6.53E-04	1.23E-03	1.67E-03	9.80E-06	2.04E-03	2.85E-03	8.73E-04	5.18E-06	1.74E-04	1.97E-04	1.59E-02
946	370846	3757869	Fenceline	4.38E-03	1.32E-04	3.61E-03	9.79E-03	1.36E-04	8.48E-04	1.53E-04	6.65E-03	5.46E-03	6.56E-04	1.24E-03	1.68E-03	9.87E-06	2.06E-03	2.87E-03	8.79E-04	5.21E-06	1.75E-04	1.99E-04	1.60E-02
947	370851	3757865	Fenceline	4.37E-03	1.32E-04	3.62E-03	9.79E-03	1.37E-04	8.46E-04	1.54E-04	6.67E-03	5.48E-03	6.59E-04	1.24E-03	1.69E-03	9.94E-06	2.07E-03	2.89E-03	8.86E-04	5.25E-06	1.76E-04	2.01E-04	1.61E-02
948	370966	3757853	Fenceline	4.35E-03	1.32E-04	3.61E-03	9.75E-03	1.37E-04	8.43E-04	1.53E-04	6.65E-03	5.46E-03	6.57E-04	1.24E-03	1.68E-03	1.06E-05	2.14E-03	2.89E-03	9.47E-04	5.16E-06	1.88E-04	2.14E-04	1.68E-02
949	370968	3757809	Fenceline	4.73E-03	1.40E-04	3.86E-03	1.06E-02	1.45E-04	9.17E-04	1.63E-04	7.07E-03	5.80E-03	6.98E-04	1.32E-03	1.75E-03	1.03E-05	2.16E-03	3.00E-03	9.17E-04	5.44E-06	1.83E-04	2.08E-04	1.68E-02
950	371017	3757795	Fenceline	4.77E-03	1.49E-04	4.04E-03	1.07E-02	1.53E-04	9.23E-04	1.72E-04	7.48E-03	6.14E-03	7.37E-04	1.39E-03	1.99E-03	1.17E-05	2.39E-03	3.41E-03	6.18E-06	2.07E-06	2.36E-04	1.87E-04	1.87E-02
951	371025	3757790	Fenceline	4.82E-03	1.53E-04	4.12E-03	1.08E-02	1.57E-04	9.31E-04	1.76E-04	7.66E-03	6.30E-03	7.55E-04	1.43E-03	2.06E-03	1.21E-05	2.47E-03	3.52E-03	1.08E-03	6.38E-06	2.14E-04	2.44E-04	1.93E-02
952	371040	3757779	Fenceline	4.90E-03	1.59E-04	4.27E-03	1.11E-02	1.63E-04	9.46E-04	1.82E-04	7.96E-03	6.54E-03	7.84E-04	1.48E-03	2.16E-03	1.27E-05	2.59E-03	3.70E-03	1.13E-03	6.70E-06	2.25E-04	2.56E-04	2.03E-02
953	371117	3757906	Fenceline	4.56E-03	1.39E-04	3.80E-03	1.02E-02	1.44E-04	8.82E-04	1.61E-04	7.01E-03	5.76E-03	6.92E-04	1.31E-03	1.65E-03	9.70E-06	2.10E-03	2.82E-03	8.64E-04	5.12E-06	1.72E-04	1.96E-04	1.63E-02
954	371174	3757954	Fenceline	4.67E-03	1.24E-04	3.55E-03	1.03E-02	1.30E-04	9.08E-04	1.48E-04	6.35E-03	5.20E-03	6.31E-04	1.19E-03	1.44E-03	8.45E-06	1.82E-03	2.46E-03	7.54E-04	4.47E-06	1.50E-04	1.71E-04	1.62E-02
955	371174	3757986	Fenceline	4.73E-03	1.22E-04	3.53E-03	1.04E-02	1.29E-04	9.20E-04	1.47E-04	6.28E-03	5.14E-03	6.25E-04	1.17E-03	1.39E-03	8.15E-06	1.77E-03	2.37E-03	7.26E-04	4.31E-06	1.45E-04	1.64E-04	1.37E-02
956	371313	3757984	Fenceline	4.66E-03	1.31E-04	3.68E-03	1.04E-02	1.37E-04	9.05E-04	1.55E-04	6.67E-03	5.47E-03	6.60E-04	1.24E-03	1.55E-03	9.09E-06	1.95E-03	2.65E-03	8.10E-04	4.81E-06	1.62E-04	1.83E-04	1.52E-02
957	371349	3758025	Residential	4.86E-03	1.29E-04	3.71E-03	1.07E-02	1.36E-04	9.46E-04	1.55E-04	6.65E-03	5.44E-03	6.60E-04	1.24E-03	1.33E-03	7.83E-06	1.80E-03	2.28E-03	6.99E-04	4.15E-06	1.40E-04	1.58E-04	1.38E-02
958	371402	3758061	Fenceline	5.13E-03	1.24E-04	3.68E-03	1.12E-02	1.33E-04	1.00E-03	1.52E-04	6.46E-03	5.28E-03	6.44E-04	1.21E-03	1.37E-03	8.03E-06	1.77E-03	2.34E-03	7.16E-04	4.26E-06	1.43E-04	1.62E-04	1.37E-02
959	371474	3758111	Residential	5.42E-03	1.16E-04	3.60E-03	1.17E-02	1.26E-04	1.06E-0														

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(µg/m <sup>3</sup> )																			
995	371240	3757308	Fenceline	1.13E-02	5.60E-04	1.34E-02	2.70E-02	5.51E-04	2.13E-03	5.92E-04	2.68E-02	2.22E-02	2.60E-03	4.96E-03	7.29E-03	4.29E-05	9.08E-03	1.25E-02	3.82E-03	2.26E-05	7.61E-04	8.66E-04	7.07E-02
996	371238	3757210	Fenceline	2.34E-02	1.49E-03	3.38E-02	5.85E-02	1.44E-03	4.43E-03	1.52E-03	7.00E-02	5.80E-02	6.76E-03	1.29E-02	1.91E-02	1.12E-04	2.42E-02	3.27E-02	1.00E-02	5.90E-05	1.99E-03	2.26E-03	1.87E-01
997	371211	3757210	Fenceline	2.24E-02	1.42E-03	3.23E-02	5.59E-02	1.37E-03	4.14E-03	1.45E-03	6.69E-02	5.54E-02	6.45E-03	1.23E-02	1.81E-02	1.07E-04	2.30E-02	3.11E-02	9.51E-03	5.61E-05	1.90E-03	2.15E-03	1.78E-01
998	371207	3757214	Fenceline	2.21E-02	1.44E-03	3.25E-02	5.55E-02	1.38E-03	4.09E-03	1.46E-03	6.74E-02	5.59E-02	6.50E-03	1.24E-02	1.83E-02	1.08E-04	2.32E-02	3.14E-02	9.61E-03	5.67E-05	1.92E-03	2.17E-03	1.80E-01
999	371209	3757380	Fenceline	9.03E-03	3.88E-04	9.59E-03	2.11E-02	3.86E-04	1.72E-03	4.19E-04	1.88E-02	1.55E-02	1.83E-03	3.48E-03	5.27E-03	3.10E-05	6.39E-03	9.02E-03	2.76E-03	1.63E-05	5.49E-04	6.25E-04	4.99E-02
1000	371117	3757380	Fenceline	8.11E-03	3.39E-04	8.45E-03	1.89E-02	3.38E-04	1.55E-03	3.69E-04	1.65E-02	1.36E-02	1.61E-03	3.06E-03	4.20E-03	2.47E-05	5.32E-03	7.19E-03	2.20E-03	1.30E-05	4.39E-04	4.99E-04	4.13E-02
1001	371017	3757372	Fenceline	8.08E-03	3.70E-04	9.01E-03	1.91E-02	3.66E-04	1.53E-03	3.96E-04	1.78E-02	1.47E-02	1.73E-03	3.30E-03	4.64E-03	2.73E-05	5.86E-03	7.95E-03	2.43E-03	1.44E-05	4.85E-04	5.51E-04	4.55E-02
1002	370959	3757378	Fenceline	9.79E-03	5.95E-04	1.36E-02	2.43E-02	5.76E-04	1.82E-03	4.13E-03	2.81E-02	2.32E-02	2.17E-03	5.17E-03	4.77E-03	2.81E-05	7.76E-03	8.18E-03	2.51E-03	1.48E-05	5.11E-04	5.66E-04	5.79E-02
1003	370963	3756967	Fenceline	1.01E-02	6.86E-04	1.54E-02	2.55E-02	6.58E-04	1.85E-03	6.93E-04	1.17E-02	2.66E-02	3.09E-03	5.91E-03	9.16E-03	5.39E-05	1.14E-02	1.57E-02	4.80E-03	2.83E-05	9.57E-04	1.09E-03	8.86E-02
1004	372637	3756941	Fenceline	8.87E-03	3.47E-04	8.79E-03	2.05E-02	3.48E-04	1.70E-03	3.81E-04	1.70E-02	1.40E-02	1.66E-03	3.15E-03	4.05E-03	2.38E-05	5.26E-03	6.94E-03	2.12E-03	1.26E-05	4.24E-04	4.81E-04	4.06E-02
1005	372633	3756752	Fenceline	8.73E-03	2.40E-04	6.79E-03	1.93E-02	2.51E-04	1.70E-03	2.85E-04	1.22E-02	1.00E-02	1.21E-03	2.28E-03	2.70E-03	1.59E-05	3.48E-03	4.62E-03	1.42E-03	8.38E-06	2.82E-04	3.30E-04	2.69E-02
1006	372757	3756751	Fenceline	6.31E-03	2.37E-04	6.08E-03	1.45E-02	2.39E-04	1.21E-03	2.63E-04	1.17E-02	9.60E-03	1.14E-03	2.16E-03	2.85E-03	1.68E-05	3.65E-03	4.89E-03	1.50E-03	8.86E-06	2.99E-04	3.02E-04	2.82E-02
1007	372704	3756806	Fenceline	8.18E-03	2.08E-04	6.06E-03	1.80E-02	2.21E-04	1.59E-03	2.52E-04	1.08E-02	8.80E-03	1.07E-03	2.01E-03	2.30E-03	1.35E-05	2.97E-03	3.93E-03	1.20E-03	7.14E-06	2.40E-04	2.73E-04	2.30E-02
1008	372700	3756807	Fenceline	8.38E-03	2.09E-04	6.14E-03	1.84E-02	2.23E-04	1.63E-03	2.55E-04	1.09E-02	8.89E-03	1.08E-03	2.03E-03	2.29E-03	1.35E-05	2.97E-03	3.93E-03	1.20E-03	7.13E-06	2.40E-04	2.72E-04	2.30E-02
1009	372693	3756589	Fenceline	8.91E-03	2.09E-04	6.28E-03	1.95E-02	2.25E-04	1.74E-03	2.59E-04	1.10E-02	8.95E-03	1.09E-03	2.05E-03	2.25E-03	1.32E-05	2.92E-03	3.85E-03	1.18E-03	7.00E-06	2.36E-04	2.67E-04	2.26E-02
1010	372628	3756589	Fenceline	1.27E-02	2.34E-04	7.77E-03	2.73E-02	2.62E-04	2.50E-03	3.33E-04	1.28E-02	1.04E-02	1.30E-03	2.41E-03	2.22E-03	1.30E-05	2.97E-03	3.80E-03	1.16E-03	6.92E-06	2.33E-04	2.63E-04	2.29E-02
1011	372628	3756506	Fenceline	1.40E-02	2.47E-04	8.36E-03	3.00E-02	2.79E-04	2.76E-03	3.34E-04	1.36E-02	1.11E-02	1.38E-03	2.56E-03	2.16E-03	1.27E-05	2.99E-03	3.70E-03	1.13E-03	6.75E-06	2.27E-04	2.56E-04	2.29E-02
1012	372920	3756505	Fenceline	5.77E-03	1.97E-04	5.20E-03	1.31E-02	2.01E-04	1.11E-03	2.23E-04	9.80E-03	8.06E-03	9.63E-04	1.82E-03	2.37E-03	1.39E-05	3.01E-03	4.05E-03	1.24E-03	7.35E-06	2.48E-04	2.81E-04	2.34E-02
1013	372919	3756437	Fenceline	6.16E-03	1.89E-04	5.15E-03	1.38E-02	1.95E-04	1.19E-03	2.18E-04	9.50E-03	7.80E-03	9.37E-04	1.77E-03	2.21E-03	1.30E-05	2.82E-03	3.78E-03	1.16E-03	6.86E-06	2.31E-04	2.62E-04	2.19E-02
1014	373259	3756432	Fenceline	5.01E-03	2.17E-04	5.36E-03	1.17E-02	2.16E-04	9.53E-04	2.35E-04	1.05E-02	8.69E-03	1.03E-03	1.95E-03	2.10E-03	1.23E-05	3.03E-03	3.60E-03	1.10E-03	6.52E-06	2.22E-04	2.49E-04	2.30E-02
1015	373375	3756432	Fenceline	4.82E-03	2.49E-04	5.90E-03	1.16E-02	2.44E-04	9.07E-04	2.62E-04	1.19E-02	9.84E-03	1.15E-03	2.20E-03	2.30E-03	1.35E-05	3.43E-03	3.94E-03	1.21E-03	7.13E-06	2.44E-04	2.73E-04	2.59E-02
1016	373373	3756325	Fenceline	5.10E-03	2.19E-04	5.43E-03	1.19E-02	2.18E-04	9.70E-04	2.37E-04	1.06E-02	8.78E-03	1.04E-03	1.97E-03	1.97E-03	1.16E-05	2.96E-03	3.37E-03	1.03E-03	6.11E-06	2.09E-04	2.33E-04	2.23E-02
1017	373372	3756295	Fenceline	5.22E-03	2.14E-04	5.36E-03	1.21E-02	2.14E-04	9.96E-04	2.33E-04	1.04E-02	8.59E-03	1.02E-03	1.93E-03	1.89E-03	1.11E-05	2.86E-03	3.24E-03	9.94E-04	5.88E-06	2.01E-04	2.24E-04	2.16E-02
1018	373364	3755756	Fenceline	9.71E-03	1.72E-04	5.82E-03	2.08E-02	1.95E-04	1.91E-03	2.33E-04	9.50E-03	7.71E-03	9.62E-04	1.79E-03	1.57E-03	9.17E-06	2.17E-03	2.67E-03	8.18E-04	4.91E-06	1.64E-04	1.85E-04	1.66E-02
1019	373138	3755759	Fenceline	1.61E-02	2.47E-04	8.92E-03	3.41E-02	2.88E-04	3.18E-03	3.51E-04	1.40E-02	1.14E-02	1.43E-03	2.85E-03	2.57E-03	1.51E-05	3.25E-03	4.38E-03	1.34E-03	8.08E-06	2.68E-04	3.04E-04	2.53E-02
1020	373139	3755899	Fenceline	1.14E-02	1.88E-04	6.57E-03	2.43E-02	2.16E-04	2.25E-03	2.61E-04	1.05E-02	8.55E-03	1.07E-03	1.99E-03	1.63E-03	9.54E-06	2.30E-03	2.78E-03	8.51E-04	5.13E-06	1.71E-04	1.92E-04	1.76E-02
1021	373059	3756007	Fenceline	1.26E-02	1.90E-04	6.93E-03	2.67E-02	2.23E-04	2.49E-03	2.72E-04	1.09E-02	8.78E-03	1.11E-03	2.05E-03	1.73E-03	1.01E-05	2.34E-03	2.94E-03	9.01E-04	5.44E-06	1.81E-04	2.04E-04	1.80E-02
1022	373056	3755760	Fenceline	2.18E-02	3.30E-04	1.20E-02	4.61E-02	3.86E-04	4.30E-03	4.72E-04	1.88E-02	1.52E-02	1.93E-03	3.56E-03	3.48E-03	2.04E-05	4.37E-03	5.93E-03	1.82E-03	1.09E-05	3.62E-04	4.11E-04	3.40E-02
1023	372929	3755763	Fenceline	3.84E-02	6.43E-04	2.23E-02	8.19E-02	7.36E-04	7.57E-03	8.87E-04	3.59E-02	2.91E-02	3.65E-03	6.76E-03	7.14E-03	4.18E-05	8.87E-03	1.22E-02	3.72E-03	2.24E-05	7.42E-04	8.43E-04	6.91E-02
1024	372927	3755366	Fenceline	5.69E-02	7.76E-04	2.98E-02	1.20E-01	9.31E-04	1.13E-02	1.16E-03	4.54E-02	3.66E-02	4.67E-03	8.61E-03	7.16E-03	4.19E-05	9.32E-03	1.22E-02	3.73E-03	2.25E-05	7.46E-04	8.45E-04	7.21E-02
1025	372621	3755370	Fenceline	1.12E-02	2.05E-04	6.81E-03	2.40E-02	2.30E-04	2.20E-03	2.74E-04	1.12E-02	9.11E-03	1.13E-03	2.11E-03	1.82E-03	1.07E-05	2.54E-03	3.11E-03	9.52E-04	5.69E-06	1.91E-04	2.15E-04	1.94E-02
1026	372568	3755370	Fenceline	9.73E-03	1.98E-04	6.30E-03	2.10E-02	2.18E-04	1.91E-03	2.56E-04	1.06E-02	8.66E-03	1.07E-03	2.00E-03	1.67E-03	9.77E-06	2.43E-03	2.84E-03	8.73E-04	5.21E-06	1.76E-04	1.97E-04	1.84E-02
1027	372332	3755388	Fenceline	6.28E-03	1.40E-04	4.28E-03	1.37E-02	1.51E-04	1.23E-03	1.51E-04	7.38E-03	6.02E-03	7.38E-04	1.38E-03	1.09E-03	6.38E-06	1.68E-03	1.86E-03	5.70E-04	3.40E-06	1.15E-04	1.29E-04	1.26E-02
1028	371934	3755403	Fenceline	5.10E-03	1.06E-04	3.34E-03	1.10E-02	1.16E-04	1.00E-03	1.36E-04	5.68E-03	4.39E-03	5.70E-04	1.07E-03	1.14E-03	6.68E-06	1.48E-03	1.94E-03	5.95E-04	3.56E-06	1.19E-04	1.35E-04	1.14E-02
1029	371734	3755398	Fenceline	4.53E-03	9.05E-05	2.90E-03	9.77E-03	9.99E-05	8.88E-04	1.18E-04	4.87E-03	3.97E-03	4.90E-04	9.15E-04	9.54E-04	5.59E-06	1.24E-03	1.63E-03	4.98E-04	2.98E-06	9.96E-05	1.13E-04	9.59E-03
1030	371065	3755405	Fenceline	2.75E-03	7.72E-05	2.17E-03	6.10E-03	8.07E-05	5.33E-04	9.13E-05	3.93E-03	3.23E-03	3.90E-04	7.34E-04	8.76E-04	5.15E-06	1.13E-03	1.50E-03	4.59E-04	2.73E-06	9.16E-05	1.04E-04	8.76E-03
1031	370992	3755474	Fenceline	4.56E-03	8.46E-05	2.80E-03	9.79E-03	9.47E-05	8.97E-04	1.13E-04	4.62E-03	3.75E-03	4.67E-04	8.99E-04	8.67E-04	5.08E-06	1.13E-03	1.48E-03	4.93E-04	2.71E-06	9.05E-05	1.02E-04	8.75E-03
1032	370984	3755705	Fenceline	3.01E-03	7.91E-05	2.28E-03	6.65E-03	8.35E-05	5.86E-04	9.51E-05	4.07E-03	3.33E-03	4.04E-04	7.60E-04	7.35E-04	4.31E-06	1.05E-03	1.26E-03	3.85E-04	2.29E-06	7.75E-05	8.70E-05	7.99E-03
1033	370932	3755706	Fenceline	3.22E-03	8.02E-05	2.35E-03	7.08E-03																

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				( $\mu\text{g}/\text{m}^3$ )																			
1066	366781	3757783	Fenceline	9.33E-04	5.53E-05	1.27E-03	2.30E-03	5.36E-05	1.74E-04	5.69E-05	2.61E-03	2.16E-03	2.52E-04	4.82E-04	7.02E-04	4.13E-06	8.90E-04	1.20E-03	3.68E-04	2.17E-06	7.34E-05	8.34E-05	6.90E-03
1067	366859	3757827	Fenceline	9.39E-04	5.14E-05	1.20E-03	2.28E-03	5.01E-05	1.76E-04	5.35E-05	2.44E-03	2.02E-03	2.37E-04	4.51E-04	6.43E-04	3.78E-06	8.19E-04	1.10E-03	3.37E-04	1.99E-06	6.73E-05	7.63E-05	6.35E-03
1068	366828	3757883	Fenceline	9.32E-04	4.73E-05	1.12E-03	2.23E-03	4.64E-05	1.75E-04	4.98E-05	2.26E-03	1.87E-03	2.19E-04	4.18E-04	5.77E-04	3.40E-06	7.42E-04	9.89E-04	3.03E-04	1.79E-06	6.04E-05	6.85E-05	5.74E-03
1069	366839	3757889	Fenceline	9.33E-04	4.69E-05	1.12E-03	2.23E-03	4.60E-05	1.76E-04	4.94E-05	2.24E-03	1.85E-03	2.18E-04	4.15E-04	5.71E-04	3.36E-06	7.35E-04	9.78E-04	2.99E-04	1.77E-06	5.98E-05	6.78E-05	5.68E-03
1070	366870	3757832	Fenceline	9.40E-04	5.11E-05	1.20E-03	2.28E-03	4.98E-05	1.76E-04	5.32E-05	2.43E-03	2.01E-03	2.35E-04	4.48E-04	6.36E-04	3.74E-06	8.12E-04	1.09E-03	3.34E-04	1.97E-06	6.66E-05	7.56E-05	6.29E-03
1071	366922	3757861	Fenceline	9.49E-04	4.90E-05	1.16E-03	2.28E-03	4.79E-05	1.78E-04	5.14E-05	2.34E-03	1.93E-03	2.26E-04	4.32E-04	6.00E-04	3.53E-06	7.70E-04	1.03E-03	3.15E-04	1.86E-06	6.29E-05	7.13E-05	5.96E-03
1072	367105	3757964	Residential	1.33E-03	5.30E-05	1.34E-03	3.07E-03	5.32E-05	2.54E-04	5.81E-05	2.59E-03	2.14E-03	2.53E-04	4.80E-04	7.30E-04	4.29E-06	8.76E-04	1.25E-03	3.82E-04	2.26E-06	7.60E-05	8.67E-05	6.86E-03
1073	367221	3757912	Fenceline	1.09E-03	4.91E-05	1.26E-03	2.57E-03	4.87E-05	2.08E-04	4.56E-05	2.37E-03	1.96E-03	2.31E-04	4.39E-04	5.96E-04	3.50E-06	7.65E-04	1.02E-03	3.12E-04	1.85E-06	6.23E-05	7.07E-05	5.92E-03
1074	367348	3757913	Fenceline	1.07E-03	5.04E-05	1.24E-03	2.73E-03	5.01E-05	2.22E-04	5.44E-05	2.44E-03	2.01E-03	2.38E-04	4.52E-04	6.40E-04	3.76E-06	8.01E-04	1.10E-03	3.35E-04	1.98E-06	6.68E-05	7.59E-05	6.22E-03
1075	367346	3757956	Residential	1.14E-03	4.58E-05	1.14E-03	2.51E-03	4.56E-05	2.05E-04	4.96E-05	2.22E-03	1.83E-03	2.17E-04	4.12E-04	6.10E-04	3.59E-06	7.46E-04	1.04E-03	3.20E-04	1.89E-06	6.36E-05	7.24E-05	5.82E-03
1076	367457	3758010	Fenceline	1.10E-03	5.26E-05	1.27E-03	2.61E-03	5.19E-05	2.07E-04	5.59E-05	2.53E-03	2.09E-03	2.46E-04	4.67E-04	6.74E-04	3.97E-06	8.44E-04	1.15E-03	3.54E-04	2.09E-06	7.04E-05	8.00E-05	6.56E-03
1077	367540	3757865	Fenceline	1.09E-03	4.96E-05	1.21E-03	2.57E-03	4.91E-05	2.07E-04	5.31E-05	2.39E-03	1.97E-03	2.33E-04	4.43E-04	6.29E-04	3.70E-06	7.89E-04	1.08E-03	3.30E-04	1.95E-06	6.57E-05	7.47E-05	6.13E-03
1078	367566	3757873	Fenceline	1.10E-03	4.94E-05	1.21E-03	2.58E-03	4.90E-05	2.08E-04	5.30E-05	2.39E-03	1.97E-03	2.32E-04	4.42E-04	6.35E-04	3.74E-06	7.92E-04	1.09E-03	3.33E-04	1.97E-06	6.63E-05	7.54E-05	6.16E-03
1079	367580	3757882	Fenceline	1.09E-03	4.94E-05	1.21E-03	2.58E-03	4.89E-05	2.08E-04	5.30E-05	2.38E-03	1.97E-03	2.32E-04	4.41E-04	6.42E-04	3.78E-06	7.96E-04	1.10E-03	3.37E-04	1.99E-06	6.70E-05	7.62E-05	6.20E-03
1080	367597	3757880	Fenceline	1.09E-03	4.98E-05	1.21E-03	2.58E-03	4.93E-05	2.07E-04	5.33E-05	2.40E-03	1.98E-03	2.34E-04	4.44E-04	6.47E-04	3.81E-06	8.03E-04	1.11E-03	3.39E-04	2.00E-06	6.75E-05	7.68E-05	6.25E-03
1081	367613	3757965	Fenceline	1.11E-03	5.06E-05	1.23E-03	2.61E-03	5.01E-05	2.10E-04	5.41E-05	2.44E-03	2.01E-03	2.37E-04	4.51E-04	6.46E-04	3.80E-06	8.09E-04	1.11E-03	3.39E-04	2.00E-06	6.75E-05	7.67E-05	6.29E-03
1082	367629	3757856	Fenceline	1.11E-03	5.11E-05	1.24E-03	2.63E-03	5.06E-05	2.11E-04	5.47E-05	2.47E-03	2.04E-03	2.40E-04	4.56E-04	6.47E-04	3.80E-06	8.13E-04	1.11E-03	3.39E-04	2.00E-06	6.76E-05	7.68E-05	6.32E-03
1083	367660	3757855	Fenceline	1.12E-03	5.15E-05	1.25E-03	2.64E-03	5.09E-05	2.11E-04	5.50E-05	2.48E-03	2.05E-03	2.41E-04	4.59E-04	6.55E-04	3.85E-06	8.22E-04	1.12E-03	3.44E-04	2.03E-06	6.85E-05	7.78E-05	6.39E-03
1084	367685	3757851	Fenceline	1.12E-03	5.17E-05	1.26E-03	2.65E-03	5.12E-05	2.13E-04	5.53E-05	2.49E-03	2.06E-03	2.42E-04	4.61E-04	6.59E-04	3.88E-06	8.26E-04	1.13E-03	3.46E-04	2.04E-06	6.89E-05	7.83E-05	6.42E-03
1085	367696	3757845	Fenceline	1.13E-03	5.23E-05	1.27E-03	2.66E-03	5.17E-05	2.13E-04	5.58E-05	2.52E-03	2.08E-03	2.45E-04	4.66E-04	6.61E-04	3.89E-06	8.32E-04	1.13E-03	3.47E-04	2.05E-06	6.91E-05	7.85E-05	6.46E-03
1086	367711	3757855	Fenceline	1.13E-03	5.17E-05	1.26E-03	2.66E-03	5.11E-05	2.14E-04	5.53E-05	2.49E-03	2.06E-03	2.42E-04	4.61E-04	6.67E-04	3.92E-06	8.30E-04	1.14E-03	3.50E-04	2.07E-06	6.96E-05	7.92E-05	6.46E-03
1087	367707	3757863	Fenceline	1.15E-03	5.12E-05	1.25E-03	2.70E-03	5.07E-05	2.18E-04	5.50E-05	2.47E-03	2.04E-03	2.41E-04	4.58E-04	6.67E-04	3.92E-06	8.26E-04	1.14E-03	3.50E-04	2.07E-06	6.96E-05	7.92E-05	6.43E-03
1088	367706	3757875	Fenceline	1.14E-03	5.05E-05	1.24E-03	2.69E-03	5.01E-05	2.18E-04	5.43E-05	2.44E-03	2.02E-03	2.38E-04	4.52E-04	6.70E-04	3.94E-06	8.22E-04	1.15E-03	3.51E-04	2.08E-06	6.99E-05	7.95E-05	6.41E-03
1089	367708	3757896	Fenceline	1.15E-03	5.10E-05	1.25E-03	2.71E-03	5.06E-05	2.19E-04	5.49E-05	2.47E-03	2.04E-03	2.40E-04	4.57E-04	6.71E-04	3.95E-06	8.27E-04	1.15E-03	3.52E-04	2.08E-06	7.00E-05	7.92E-05	6.45E-03
1090	367721	3757929	Residential/Commercial	1.20E-03	5.46E-05	1.33E-03	2.82E-03	5.40E-05	2.27E-04	5.84E-05	2.63E-03	2.17E-03	2.56E-04	4.87E-04	6.92E-04	4.07E-06	8.70E-04	1.19E-03	3.63E-04	2.15E-06	7.24E-05	8.27E-05	6.76E-03
1091	367742	3757987	Fenceline	1.55E-03	6.54E-05	1.62E-03	3.60E-03	6.52E-05	2.94E-04	7.09E-05	3.17E-03	2.62E-03	3.10E-04	5.88E-04	8.16E-04	4.80E-06	1.03E-03	1.40E-03	4.28E-04	2.53E-06	8.53E-05	9.68E-05	7.99E-03
1092	367744	3758010	Fenceline	1.64E-03	7.18E-05	1.77E-03	3.84E-03	7.14E-05	3.11E-04	7.74E-05	3.48E-03	2.87E-03	3.39E-04	6.44E-04	9.06E-04	5.33E-06	1.14E-03	1.55E-03	4.75E-04	2.81E-06	9.47E-05	1.08E-04	8.85E-03
1093	367740	3758049	Fenceline	1.68E-03	7.69E-05	1.87E-03	3.97E-03	7.61E-05	3.19E-04	8.23E-05	3.71E-03	3.06E-03	3.61E-04	6.86E-04	9.72E-04	5.72E-06	1.22E-03	1.67E-03	5.10E-04	3.01E-06	1.02E-04	1.15E-04	9.50E-03
1094	367735	3758106	Fenceline	1.71E-03	8.27E-05	1.99E-03	4.08E-03	8.15E-05	3.24E-04	8.77E-05	3.97E-03	3.28E-03	3.86E-04	7.34E-04	1.05E-03	6.19E-06	1.32E-03	1.80E-03	5.52E-04	3.26E-06	1.10E-04	1.25E-04	1.03E-02
1095	367734	3758111	Fenceline	1.72E-03	8.35E-05	2.01E-03	4.09E-03	8.22E-05	3.25E-04	8.85E-05	4.01E-03	3.31E-03	3.89E-04	7.41E-04	1.06E-03	6.25E-06	1.34E-03	1.82E-03	5.57E-04	3.29E-06	1.11E-04	1.26E-04	1.04E-02
1096	367733	3758116	Fenceline	1.72E-03	8.41E-05	2.02E-03	4.10E-03	8.27E-05	3.25E-04	8.90E-05	4.03E-03	3.33E-03	3.91E-04	7.45E-04	1.07E-03	6.29E-06	1.35E-03	1.83E-03	5.61E-04	3.32E-06	1.12E-04	1.27E-04	1.04E-02
1097	367731	3758124	Fenceline	1.72E-03	8.43E-05	2.02E-03	4.09E-03	8.29E-05	3.24E-04	8.92E-05	4.04E-03	3.34E-03	3.92E-04	7.47E-04	1.07E-03	6.31E-06	1.35E-03	1.84E-03	5.63E-04	3.32E-06	1.12E-04	1.27E-04	1.05E-02
1098	367721	3758143	Fenceline	1.71E-03	8.51E-05	2.03E-03	4.08E-03	8.36E-05	3.22E-04	8.98E-05	4.07E-03	3.37E-03	3.95E-04	7.53E-04	1.08E-03	6.38E-06	1.36E-03	1.86E-03	5.69E-04	3.36E-06	1.13E-04	1.29E-04	1.06E-02
1099	367710	3758155	Fenceline	1.70E-03	8.54E-05	2.03E-03	4.07E-03	8.38E-05	3.20E-04	9.00E-05	4.08E-03	3.38E-03	3.96E-04	7.55E-04	1.09E-03	6.40E-06	1.37E-03	1.86E-03	5.71E-04	3.37E-06	1.14E-04	1.29E-04	1.06E-02
1100	367701	3758166	Fenceline	1.69E-03	8.60E-05	2.04E-03	4.06E-03	8.43E-05	3.19E-04	9.05E-05	4.11E-03	3.40E-03	3.99E-04	7.59E-04</									

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(µg/m <sup>3</sup> )																			
1137	369215	3758210	Fenceline	4.17E-03	3.73E-04	8.00E-03	1.13E-02	3.53E-04	7.43E-04	3.66E-04	1.72E-02	1.43E-02	1.65E-03	3.16E-03	7.14E-03	4.20E-05	7.63E-03	1.22E-02	3.74E-03	2.21E-05	7.37E-04	8.48E-04	6.10E-02
1138	369386	3758352	Fenceline	3.21E-03	1.08E-04	2.86E-03	7.27E-03	1.10E-04	6.19E-04	1.22E-04	5.36E-03	4.41E-03	5.27E-04	9.97E-04	1.35E-03	7.96E-06	1.68E-03	2.32E-03	7.10E-04	4.21E-06	1.41E-04	1.61E-04	1.31E-02
1139	369388	3758585	Residential	3.79E-03	9.82E-05	2.84E-03	8.35E-03	1.04E-04	7.38E-04	1.18E-04	5.06E-03	4.15E-03	5.03E-04	9.46E-04	1.08E-03	6.33E-06	1.41E-03	1.84E-03	5.65E-04	3.35E-06	1.13E-04	1.28E-04	1.09E-02
1140	369791	3758580	Residential	4.43E-03	1.06E-04	3.15E-03	9.70E-03	1.13E-04	8.66E-04	1.30E-04	5.52E-03	4.51E-03	5.50E-04	1.03E-03	1.20E-03	7.03E-06	1.52E-03	2.05E-03	6.26E-04	3.72E-06	1.25E-04	1.42E-04	1.18E-02
1141	369787	3758307	Fenceline	4.09E-03	9.76E-05	2.91E-03	8.94E-03	1.05E-04	7.97E-04	1.20E-04	5.10E-03	4.17E-03	5.08E-04	9.53E-04	1.04E-03	6.09E-06	1.37E-03	1.77E-03	5.43E-04	3.23E-06	1.09E-04	1.23E-04	1.05E-02
1142	371539	3757013	Fenceline	9.20E-03	4.59E-04	1.10E-02	2.20E-02	4.51E-04	1.73E-03	4.85E-04	2.20E-02	1.82E-02	2.13E-03	4.06E-03	6.48E-03	3.82E-05	7.78E-03	1.11E-02	3.40E-03	2.01E-05	6.75E-04	7.70E-04	6.09E-02
1143	371540	3757178	Fenceline	2.15E-02	1.42E-03	3.19E-02	5.40E-02	1.36E-03	3.96E-03	1.44E-03	6.64E-02	5.51E-02	6.40E-03	1.22E-02	1.74E-02	1.02E-04	2.25E-02	2.98E-02	9.13E-03	5.38E-05	1.82E-03	2.07E-03	1.74E-01
1144	371615	3757178	Fenceline	2.17E-02	1.41E-03	3.18E-02	5.45E-02	1.36E-03	4.02E-03	1.43E-03	6.60E-02	5.47E-02	6.37E-03	1.22E-02	1.70E-02	1.00E-04	2.22E-02	2.92E-02	8.94E-03	5.27E-05	1.79E-03	2.02E-03	1.71E-01
1145	371614	3757009	Fenceline	8.89E-03	4.19E-04	1.01E-02	2.11E-02	4.13E-04	1.68E-03	4.46E-04	2.01E-02	1.66E-02	1.96E-03	3.72E-03	5.64E-03	3.32E-05	6.90E-03	9.67E-03	2.96E-03	1.75E-05	5.89E-04	6.70E-04	5.39E-02
1146	371276	3757209	Fenceline	2.39E-02	1.50E-03	3.41E-02	5.95E-02	1.45E-03	4.42E-03	1.53E-03	7.06E-02	5.85E-02	6.81E-03	1.30E-02	1.98E-02	1.15E-04	2.46E-02	3.36E-02	1.03E-02	6.07E-05	2.05E-03	2.33E-03	1.91E-01
1147	371279	3757346	Fenceline	1.11E-02	5.18E-04	1.25E-02	2.62E-02	5.11E-04	2.10E-03	5.52E-04	2.49E-02	2.06E-02	2.42E-03	4.61E-03	7.25E-03	4.27E-05	8.70E-03	1.24E-02	3.80E-03	2.25E-05	7.55E-04	8.61E-04	6.81E-02
1148	371682	3757343	Fenceline	9.38E-03	4.88E-04	1.15E-02	2.26E-02	4.78E-04	1.76E-03	5.12E-04	2.33E-02	1.93E-02	2.26E-03	4.30E-03	6.70E-03	3.94E-05	8.15E-03	1.15E-02	3.51E-03	2.07E-05	6.98E-04	7.95E-04	6.36E-02
1149	371682	3757302	Fenceline	1.07E-02	5.64E-04	1.33E-02	2.58E-02	5.51E-04	2.01E-03	5.90E-04	2.68E-02	2.22E-02	2.60E-03	4.96E-03	7.38E-03	4.34E-05	9.19E-03	1.27E-02	3.87E-03	2.29E-05	7.71E-04	8.77E-04	7.15E-02
1150	371681	3757203	Fenceline	2.28E-02	1.44E-03	3.28E-02	5.68E-02	1.39E-03	4.21E-03	1.47E-03	6.78E-02	5.62E-02	6.54E-03	1.25E-02	1.74E-02	1.03E-04	2.27E-02	2.99E-02	9.16E-03	5.40E-05	1.83E-03	2.07E-03	1.75E-01
1151	371917	3757362	Fenceline	1.21E-02	3.95E-04	1.06E-02	2.73E-02	4.05E-04	2.34E-03	4.51E-04	1.98E-02	1.62E-02	1.94E-03	3.67E-03	4.91E-03	2.89E-05	6.12E-03	8.41E-03	2.67E-03	1.52E-05	5.12E-04	5.83E-04	4.76E-02
1152	371815	3757364	Fenceline	1.09E-02	4.16E-04	1.06E-02	2.50E-02	4.19E-04	2.08E-03	4.60E-04	2.04E-02	1.68E-02	2.00E-03	3.79E-03	5.26E-03	3.09E-05	6.56E-03	9.00E-03	2.76E-03	1.63E-05	5.49E-04	6.24E-04	5.10E-02
1153	371812	3757365	Fenceline	1.08E-02	4.16E-04	1.06E-02	2.48E-02	4.19E-04	2.07E-03	4.59E-04	2.04E-02	1.68E-02	2.00E-03	3.79E-03	5.28E-03	3.10E-05	6.58E-03	9.04E-03	2.77E-03	1.64E-05	5.51E-04	6.26E-04	5.12E-02
1154	371811	3757367	Fenceline	1.07E-02	4.15E-04	1.06E-02	2.47E-02	4.17E-04	2.05E-03	4.57E-04	2.03E-02	1.68E-02	1.99E-03	3.77E-03	5.25E-03	3.10E-05	6.57E-03	9.04E-03	2.77E-03	1.64E-05	5.51E-04	6.27E-04	5.11E-02
1155	371817	3757371	Fenceline	1.08E-02	4.10E-04	1.05E-02	2.48E-02	4.13E-04	2.07E-03	4.53E-04	2.01E-02	1.66E-02	1.97E-03	3.73E-03	5.21E-03	3.06E-05	6.48E-03	8.92E-03	2.73E-03	1.61E-05	5.43E-04	6.18E-04	5.04E-02
1156	371849	3757384	Fenceline	1.08E-02	3.88E-04	1.01E-02	2.47E-02	3.94E-04	2.08E-03	4.35E-04	1.92E-02	1.58E-02	1.88E-03	3.56E-03	4.91E-03	2.89E-05	6.10E-03	8.40E-03	2.57E-03	1.52E-05	5.12E-04	5.82E-04	4.75E-02
1157	371858	3757388	Fenceline	1.08E-02	3.83E-04	9.97E-03	2.45E-02	3.88E-04	2.07E-03	4.29E-04	1.89E-02	1.56E-02	1.86E-03	3.51E-03	4.83E-03	2.84E-05	6.01E-03	8.27E-03	2.53E-03	1.50E-05	5.04E-04	5.73E-04	4.67E-02
1158	371878	3757394	Fenceline	1.05E-02	3.71E-04	9.70E-03	2.40E-02	3.77E-04	2.03E-03	4.17E-04	1.84E-02	1.51E-02	1.80E-03	3.41E-03	4.69E-03	2.76E-05	5.83E-03	8.03E-03	2.46E-03	1.45E-05	4.89E-04	5.57E-04	4.53E-02
1159	371893	3757398	Fenceline	1.06E-02	3.65E-04	9.61E-03	2.41E-02	3.72E-04	2.05E-03	4.12E-04	1.81E-02	1.49E-02	1.78E-03	3.37E-03	4.56E-03	2.68E-05	5.69E-03	7.80E-03	2.39E-03	1.41E-05	4.76E-04	5.41E-04	4.42E-02
1160	371912	3757401	Fenceline	1.08E-02	3.58E-04	9.53E-03	2.44E-02	3.67E-04	2.08E-03	4.07E-04	1.79E-02	1.47E-02	1.76E-03	3.32E-03	4.48E-03	2.64E-05	5.58E-03	7.69E-03	2.35E-03	1.39E-05	4.69E-04	5.33E-04	4.35E-02
1161	371914	3757401	Fenceline	1.08E-02	3.58E-04	9.53E-03	2.45E-02	3.66E-04	2.09E-03	4.07E-04	1.79E-02	1.47E-02	1.76E-03	3.32E-03	4.48E-03	2.63E-05	5.57E-03	7.67E-03	2.35E-03	1.39E-05	4.68E-04	5.32E-04	4.34E-02
1162	371917	3757399	Fenceline	1.09E-02	3.58E-04	9.56E-03	2.46E-02	3.67E-04	2.10E-03	4.08E-04	1.79E-02	1.47E-02	1.76E-03	3.33E-03	4.49E-03	2.64E-05	5.58E-03	7.69E-03	2.35E-03	1.39E-05	4.69E-04	5.33E-04	4.34E-02
1163	372154	3757440	Fenceline	9.74E-03	3.01E-04	8.19E-03	2.19E-02	3.10E-04	1.88E-03	3.48E-04	1.51E-02	1.24E-02	1.49E-03	2.82E-03	3.69E-03	2.17E-05	4.61E-03	6.31E-03	1.93E-03	1.15E-05	3.85E-04	4.38E-04	3.59E-02
1164	372115	3757440	Fenceline	1.06E-02	3.03E-04	8.45E-03	2.35E-02	3.16E-04	2.05E-03	3.56E-04	1.54E-02	1.26E-02	1.52E-03	2.87E-03	3.73E-03	2.19E-05	4.63E-03	6.38E-03	1.95E-03	1.16E-05	3.89E-04	4.42E-04	3.60E-02
1165	372114	3757423	Fenceline	1.13E-02	3.20E-04	8.96E-03	2.51E-02	3.34E-04	2.19E-03	3.77E-04	1.63E-02	1.34E-02	1.61E-03	3.04E-03	3.88E-03	2.28E-05	4.86E-03	6.65E-03	2.03E-03	1.21E-05	4.05E-04	4.61E-04	3.78E-02
1166	372120	3757419	Fenceline	1.13E-02	3.23E-04	9.03E-03	2.52E-02	3.37E-04	2.19E-03	3.81E-04	1.64E-02	1.35E-02	1.63E-03	3.06E-03	3.92E-03	2.30E-05	4.90E-03	6.70E-03	2.05E-03	1.22E-05	4.09E-04	4.64E-04	3.81E-02
1167	372154	3757419	Fenceline	1.06E-02	3.21E-04	8.78E-03	2.37E-02	3.32E-04	2.04E-03	3.72E-04	1.62E-02	1.33E-02	1.60E-03	3.01E-03	3.91E-03	2.30E-05	4.90E-03	6.69E-03	2.05E-03	1.21E-05	4.08E-04	4.64E-04	3.81E-02
1168	372150	3757306	Fenceline	1.79E-02	5.02E-04	1.41E-02	3.98E-02	5.25E-04	3.48E-03	5.94E-04	2.56E-02	2.10E-02	2.54E-03	4.77E-03	5.71E-03	3.36E-05	7.36E-03	9.78E-03	2.99E-03	1.78E-05	5.98E-04	6.77E-04	5.70E-02
1169	372147	3757303	Fenceline	1.82E-02	5.11E-04	1.44E-02	4.04E-02	5.35E-04	3.53E-03	6.04E-04	2.61E-02	2.14E-02	2.58E-03	4.86E-03	5.81E-03	3.41E-05	7.49E-03	9.93E-03	3.04E-03	1.80E-05	6.07E-04	6.88E-04	5.79E-02
1170	372059	3757304	Fenceline	1.70E-02	5.18E-04	1.42E-02	3.81E-02	5.31E-04	3.29E-03	6.00E-04	2.61E-02	2.14E-02	2.57E-03	4.86E-03	5.92E-03	3.48E-05	7.65E-03	1.01E-02	3.10E-03	1.84E-05	6.19E-04	7.02E-04	5.92E-02
1171	372057	3757305	Fenceline	1.69E-02	5.14E-04	1.40E-02	3.78E-02	5.31E-04	3.27E-03	5.96E-04	2.59E-02	2.13E-02	2.56E-03	4.82E-03	5.87E-03	3.45E-05	7.59E-03	1.00E-02	3.08E-03	1.82E-05	6.15E-04	6.96E-04	5.87E-02
1172	372059	3757405	Fenceline	1.25E-02	3.41E-04	9.67E-03	2.76E-02	3.58E-04	2.42E-03	4.06E-04	1.74E-02	1.43E-02	1.73E-03	3.25E-03	4.16E-03	2.44E-05	5.17E-03	7.11E-03	2.18E-03	1.29E-05	4.34E-04	4.93E-04	4.02E-02
1173	372060	3757423	Fenceline	1.18E-02	3.22E-04	9.14E-03	2.62E-02	3.38E-04	2.30E-03	3.84E-04	1.65E-02	1.35E-02	1.63E-03	3.07E-03	3.97E-03	2.33E-05	4.91E-03	6.80E-03	2.08E-03	1.23E-05	4.14E-04	4.71E-04	3.83E-02
1174	371955	3757424	Fenceline	1.14E-02	3.38E-04	9.33E-03	2.55E-02	3.51E-04	2.21E-03	3.95E-04	1.71E-02	1.40E-02	1.69E-03	3.19E-03	4.12E-03	2.42E-05	5.16E-03	7.06E-03	2.16E-03	1.28E-05	4.30E-04	4.89E-04	4.01E-02
1175	371950	3757427	Fenceline	1.13E-02	3.38E-04	9.29E-03	2.53E-02																

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Project, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				( $\mu\text{g}/\text{m}^3$ )																			
1208	373077	3756978	Fenceline	6.89E-03	4.86E-04	1.08E-02	1.76E-02	4.65E-04	1.26E-03	4.89E-04	2.27E-02	1.88E-02	2.18E-03	4.18E-03	6.13E-03	3.61E-05	7.84E-03	1.05E-02	3.22E-03	1.90E-05	6.42E-04	7.28E-04	6.07E-02
1209	373031	3756971	Fenceline	7.11E-03	5.29E-04	1.17E-02	1.84E-02	5.06E-04	1.30E-03	5.30E-04	2.46E-02	2.04E-02	2.37E-03	4.53E-03	6.76E-03	3.98E-05	8.61E-03	1.16E-02	3.55E-03	2.09E-05	7.08E-04	8.03E-04	6.67E-02
1210	372864	3756972	Fenceline	7.84E-03	4.37E-04	1.02E-02	1.91E-02	4.26E-04	1.47E-03	4.54E-04	2.07E-02	1.72E-02	2.01E-03	3.83E-03	5.41E-03	3.18E-05	6.94E-03	9.27E-03	2.84E-03	1.68E-05	5.67E-04	6.43E-04	5.37E-02
1211	372672	3756975	Fenceline	9.16E-03	4.36E-04	1.05E-02	2.18E-02	4.30E-04	1.73E-03	4.64E-04	2.10E-02	1.73E-02	2.04E-03	3.88E-03	4.91E-03	2.89E-05	6.57E-03	8.42E-03	2.58E-03	1.52E-05	5.16E-04	5.83E-04	5.05E-02
1212	372673	3757018	Fenceline	1.07E-02	5.37E-04	1.28E-02	2.56E-02	5.27E-04	2.01E-03	5.65E-04	2.57E-02	2.12E-02	2.49E-03	4.74E-03	6.14E-03	3.61E-05	8.16E-03	1.05E-02	3.22E-03	1.90E-05	6.44E-04	7.28E-04	6.28E-02
1213	372631	3757026	Fenceline	1.13E-02	5.66E-04	1.35E-02	2.69E-02	5.55E-04	2.12E-03	5.96E-04	2.70E-02	2.24E-02	2.62E-03	5.00E-03	6.46E-03	3.80E-05	8.59E-03	1.11E-02	3.22E-03	2.00E-05	6.78E-04	7.67E-04	6.61E-02
1214	372631	3757077	Fenceline	1.58E-02	8.76E-04	2.04E-02	3.85E-02	8.53E-04	2.96E-03	9.09E-04	4.15E-02	3.44E-02	4.02E-03	7.67E-03	1.04E-02	6.13E-05	1.36E-02	1.79E-02	5.47E-03	3.23E-05	1.09E-03	1.24E-03	1.05E-01
1215	372631	3757179	Fenceline	2.31E-02	1.14E-03	2.73E-02	5.51E-02	1.12E-03	4.35E-03	1.12E-03	5.47E-02	4.52E-02	5.31E-03	1.01E-02	1.37E-02	8.09E-05	1.78E-02	2.36E-02	7.22E-03	4.26E-05	1.44E-03	1.63E-03	1.37E-01
1216	372635	3757212	Fenceline	1.91E-02	7.81E-04	1.96E-02	4.42E-02	7.80E-04	3.64E-03	8.51E-04	3.80E-02	3.14E-02	3.71E-03	7.05E-03	9.56E-03	5.62E-05	1.22E-02	1.64E-02	5.01E-03	2.97E-05	1.00E-03	1.13E-03	9.42E-02
1217	372650	3757249	Fenceline	1.47E-02	5.77E-04	1.46E-02	3.40E-02	5.79E-04	2.82E-03	6.34E-04	2.82E-02	2.33E-02	2.76E-03	5.23E-03	7.12E-03	4.19E-05	9.00E-03	1.22E-02	3.73E-03	2.21E-05	7.44E-04	8.45E-04	6.98E-02
1218	372672	3757332	Fenceline	1.26E-02	4.73E-04	1.21E-02	2.88E-02	4.77E-04	2.41E-03	5.24E-04	2.33E-02	1.92E-02	2.28E-03	4.32E-03	6.11E-03	3.60E-05	7.55E-03	1.05E-02	3.20E-03	1.90E-05	6.38E-04	7.26E-04	5.88E-02
1219	372698	3757402	Fenceline	7.61E-03	4.52E-04	1.04E-02	1.88E-02	4.38E-04	1.42E-03	4.65E-04	2.13E-02	1.77E-02	2.06E-03	3.94E-03	6.27E-03	3.69E-05	7.63E-03	1.08E-02	3.29E-03	1.94E-05	6.54E-04	7.45E-04	5.96E-02
1220	372731	3757389	Fenceline	7.21E-03	4.53E-04	1.03E-02	1.80E-02	4.38E-04	1.33E-03	4.63E-04	2.13E-02	1.77E-02	2.06E-03	3.93E-03	6.39E-03	3.76E-05	7.73E-03	1.10E-02	3.35E-03	1.98E-05	6.66E-04	7.59E-04	6.05E-02
1221	372737	3757404	Fenceline	6.96E-03	4.54E-04	1.02E-02	1.75E-02	4.37E-04	1.29E-03	4.61E-04	2.13E-02	1.76E-02	2.05E-03	3.92E-03	6.34E-03	3.73E-05	7.71E-03	1.09E-02	3.32E-03	1.96E-05	6.61E-04	7.53E-04	6.02E-02
1222	372704	3757417	Fenceline	7.82E-03	3.86E-04	9.23E-03	1.87E-02	3.79E-04	1.47E-03	4.08E-04	1.85E-02	1.53E-02	1.79E-03	3.42E-03	5.14E-03	3.02E-05	6.33E-03	8.80E-03	2.69E-03	1.59E-05	5.36E-04	6.10E-04	4.94E-02
1223	372730	3757484	Fenceline	5.62E-03	4.22E-04	9.30E-03	1.45E-02	4.03E-04	1.02E-03	4.22E-04	1.96E-02	1.63E-02	1.89E-03	3.61E-03	5.95E-03	3.50E-05	7.23E-03	1.02E-02	3.12E-03	1.84E-05	6.20E-04	7.07E-04	5.65E-02
1224	372763	3757471	Fenceline	5.62E-03	4.49E-04	9.79E-03	1.48E-02	4.27E-04	1.02E-03	4.46E-04	2.08E-02	1.73E-02	2.00E-03	3.83E-03	6.23E-03	3.67E-05	7.64E-03	1.07E-02	3.27E-03	1.93E-05	6.50E-04	7.40E-04	5.96E-02
1225	372770	3757486	Fenceline	5.19E-03	4.55E-04	9.79E-03	1.39E-02	4.31E-04	9.28E-04	4.48E-04	2.10E-02	1.74E-02	2.01E-03	3.86E-03	6.37E-03	3.75E-05	7.80E-03	1.09E-02	3.34E-03	1.97E-05	6.64E-04	7.56E-04	6.08E-02
1226	372776	3757503	Fenceline	5.03E-03	4.70E-04	1.00E-02	1.37E-02	4.44E-04	8.91E-04	4.60E-04	2.16E-02	1.80E-02	2.07E-03	3.97E-03	6.59E-03	3.88E-05	8.08E-03	1.13E-02	3.46E-03	2.04E-05	6.88E-04	7.84E-04	6.30E-02
1227	372743	3757517	Fenceline	5.55E-03	3.92E-04	8.72E-03	1.42E-02	3.75E-04	1.02E-03	4.35E-04	1.83E-02	1.52E-02	1.76E-03	3.37E-03	5.22E-03	3.07E-05	6.51E-03	8.95E-03	2.74E-03	1.62E-05	5.46E-04	6.20E-04	5.06E-02
1228	372773	3757598	Fenceline	3.70E-03	4.29E-04	8.91E-03	1.08E-02	4.01E-04	6.35E-04	3.9E-04	1.96E-02	1.63E-02	1.87E-03	3.59E-03	5.93E-03	3.49E-05	7.34E-03	1.02E-02	3.11E-03	1.83E-05	6.19E-04	7.05E-04	5.71E-02
1229	372797	3757598	Fenceline	4.14E-03	4.45E-04	9.31E-03	1.18E-02	4.17E-04	7.18E-04	4.30E-04	2.03E-02	1.69E-02	1.94E-03	3.73E-03	5.84E-03	3.44E-05	7.40E-03	1.00E-02	3.07E-03	1.81E-05	6.11E-04	6.94E-04	5.74E-02
1230	372797	3757635	Fenceline	3.69E-03	4.68E-04	9.61E-03	1.10E-02	4.36E-04	6.22E-04	4.47E-04	2.12E-02	1.77E-02	2.02E-03	3.90E-03	6.15E-03	3.62E-05	7.81E-03	1.06E-02	3.23E-03	1.90E-05	6.44E-04	7.31E-04	6.05E-02
1231	372784	3757635	Fenceline	3.78E-03	4.16E-04	8.69E-03	1.08E-02	3.90E-04	6.54E-04	4.02E-04	1.90E-02	1.58E-02	1.82E-03	3.49E-03	5.43E-03	3.20E-05	6.90E-03	9.31E-03	2.85E-03	1.68E-05	5.68E-04	6.45E-04	5.35E-02
1232	372771	3757657	Fenceline	3.51E-03	4.22E-04	8.73E-03	1.03E-02	3.94E-04	5.98E-04	4.05E-04	1.92E-02	1.60E-02	1.83E-03	3.52E-03	5.49E-03	3.23E-05	7.00E-03	9.41E-03	2.88E-03	1.70E-05	5.75E-04	6.52E-04	5.42E-02
1233	372775	3757746	Fenceline	3.04E-03	4.05E-04	8.29E-03	9.25E-03	3.77E-04	5.07E-04	3.86E-04	1.84E-02	1.53E-02	1.75E-03	3.37E-03	5.02E-03	2.96E-05	6.57E-03	8.62E-03	2.64E-03	1.55E-05	5.28E-04	5.97E-04	5.07E-02
1234	372905	3757746	Fenceline	4.08E-03	5.12E-04	1.05E-02	1.22E-02	4.77E-04	6.90E-04	4.89E-04	2.32E-02	1.93E-02	2.22E-03	4.26E-03	6.92E-03	4.08E-05	8.66E-03	1.19E-02	3.64E-03	2.14E-05	7.24E-04	8.23E-04	6.73E-02
1235	372910	3757742	Fenceline	4.17E-03	5.24E-04	1.08E-02	1.24E-02	4.89E-04	7.05E-04	5.01E-04	2.38E-02	1.98E-02	2.27E-03	4.37E-03	7.09E-03	4.18E-05	8.87E-03	1.22E-02	3.72E-03	2.19E-05	7.42E-04	8.43E-04	6.89E-02
1236	372910	3757740	Fenceline	4.20E-03	5.28E-04	1.09E-02	1.25E-02	4.92E-04	7.09E-04	5.05E-04	2.40E-02	2.00E-02	2.29E-03	4.40E-03	7.15E-03	4.21E-05	8.95E-03	1.23E-02	3.76E-03	2.21E-05	7.48E-04	8.51E-04	6.95E-02
1237	372910	3757732	Fenceline	4.29E-03	5.43E-04	1.12E-02	1.28E-02	5.06E-04	7.23E-04	5.19E-04	2.46E-02	2.05E-02	2.35E-03	4.52E-03	7.39E-03	4.35E-05	9.22E-03	1.27E-02	3.88E-03	2.29E-05	7.73E-04	8.79E-04	7.17E-02
1238	372979	3757732	Fenceline	4.73E-03	6.14E-04	1.26E-02	1.43E-02	5.72E-04	7.94E-04	5.86E-04	2.79E-02	2.32E-02	2.66E-03	5.11E-03	8.31E-03	4.90E-05	1.04E-02	1.43E-02	4.37E-03	2.57E-05	8.70E-04	9.89E-04	8.09E-02
1239	372996	3757732	Fenceline	4.46E-03	5.55E-04	1.14E-02	1.33E-02	5.18E-04	7.56E-04	5.31E-04	2.52E-02	2.10E-02	2.41E-03	4.63E-03	7.82E-03	4.61E-05	9.60E-03	1.34E-02	4.11E-03	2.42E-05	8.17E-04	9.30E-04	7.49E-02
1240	373323	3757730	Fenceline	4.25E-03	3.84E-04	8.21E-03	1.15E-02	3.63E-04	7.56E-04	3.76E-04	1.77E-02	1.47E-02	1.69E-03	3.25E-03	4.80E-03	2.82E-05	6.20E-03	8.23E-03	2.52E-03	1.48E-05	5.03E-04	5.70E-04	4.79E-02
1241	373323	3757745	Fenceline	4.36E-03	4.20E-04	8.91E-03	1.20E-02	3.96E-04	7.70E-04	4.10E-04	1.93E-02	1.60E-02	1.84E-03	3.54E-03	5.10E-03	3.00E-05	6.70E-03	8.75E-03	2.68E-03	1.58E-05	5.36E-04	6.06E-04	5.16E-02
1242	369883	3758285	Fenceline	3.63E-03	8.75E-05	2.60E-03	7.94E-03	3.96E-05	7.08E-04	1.08E-04	4.56E-03	3.73E-03	4.55E-04	8.53E-04	9.24E-04	5.43E-06	1.22E-03	1.58E-03	4.84E-04	2.88E-06	6.98E-05	1.09E-04	9.41E-03
1243	370228	3758221	Fenceline	4.07E-03	1.00E-04	2.96E-03	8.94E-03	1.07E-04	7.94E-04	1.23E-04	5.22E-03	4.26E-03	5.19E-04	9.75E-04	1.15E-03	6.75E-06	1.46E-03	1.96E-03	6.01E-04	3.57E-06	1.20E-04	1.36E-04	1.13E-02
1244	370523	3758283	Fenceline	3.61E-03	9.27E-05	2.69E-03	7.96E-03	9.82E-05	7.04E-04	1.12E-04	4.79E-03	3.92E-03	4.76E-04	8.94E-04	1.07E-03	6.31E-06	1.36E-03	1.84E-03	5.62E-04	3.34E-06	1.12E-04	1.27E-04	1.06E-02
1245	370622	3758281	Fenceline	3.66E-03	9.01E-05	2.65E-03	8.02E-03	9.61E-05	7.13E-04	1.10E-04	4.68E-03	3.83E-03	4.66E-04	8.75E-04	1.07E-03								

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde	acrolein	benzene	formaldehyde	methyl alcohol	methyl ethyl ketone	styrene	toluene	xylene, total	1,3-Butadiene	ethyl benzene	ammonium	arsenic	chlorine	copper	manganese	mercury	nickel	vanadium	sulfates
				(µg/m <sup>3</sup> )																			
1279	372243	3756947	Fenceline	1.10E-02	3.51E-04	9.46E-03	2.47E-02	3.61E-04	2.12E-03	4.03E-04	1.76E-02	1.45E-02	1.73E-03	3.27E-03	3.90E-03	2.29E-05	5.13E-03	6.67E-03	2.04E-03	1.21E-05	4.09E-04	4.62E-04	3.96E-02
1280	372341	3756946	Fenceline	1.37E-02	3.70E-04	1.05E-02	3.03E-02	3.89E-04	2.67E-03	4.42E-04	1.90E-02	1.55E-02	1.88E-03	3.54E-03	3.91E-03	2.30E-05	5.22E-03	6.69E-03	2.05E-03	1.22E-05	4.10E-04	4.64E-04	4.02E-02
1281	372440	3756944	Fenceline	1.15E-02	3.63E-04	9.82E-03	2.59E-02	3.74E-04	2.23E-03	4.18E-04	1.82E-02	1.50E-02	1.80E-03	3.39E-03	3.88E-03	2.28E-05	5.20E-03	6.63E-03	2.03E-03	1.20E-05	4.07E-04	4.60E-04	4.00E-02
1282	372538	3756943	Fenceline	1.02E-02	3.57E-04	9.34E-03	2.31E-02	3.63E-04	1.95E-03	4.01E-04	1.77E-02	1.46E-02	1.74E-03	3.29E-03	4.08E-03	2.40E-05	5.33E-03	6.99E-03	2.14E-03	1.27E-05	4.28E-04	4.84E-04	4.11E-02
1283	372635	3756847	Fenceline	7.73E-03	2.70E-04	7.07E-03	1.76E-02	2.74E-04	1.49E-03	3.04E-04	1.34E-02	1.10E-02	1.31E-03	2.48E-03	3.23E-03	1.90E-05	4.12E-03	5.53E-03	1.69E-03	1.00E-05	3.38E-04	3.83E-04	3.19E-02
1284	372695	3756752	Fenceline	7.31E-03	2.34E-04	6.30E-03	1.65E-02	2.41E-04	1.41E-03	2.68E-04	1.17E-02	9.64E-03	1.16E-03	2.18E-03	2.69E-03	1.58E-05	3.48E-03	4.61E-03	1.41E-03	8.35E-06	2.82E-04	3.19E-04	2.69E-02
1285	372731	3756679	Fenceline	6.87E-03	2.16E-04	5.84E-03	1.54E-02	2.22E-04	1.33E-03	2.48E-04	1.08E-02	8.90E-03	1.07E-03	2.02E-03	2.53E-03	1.49E-05	3.23E-03	4.33E-03	1.33E-03	7.85E-06	2.64E-04	3.00E-04	2.50E-02
1286	372725	3756505	Fenceline	8.16E-03	1.97E-04	5.85E-03	1.79E-02	2.11E-04	1.59E-03	2.11E-04	1.03E-02	8.41E-03	1.03E-03	1.92E-03	2.14E-03	1.25E-05	2.78E-03	3.65E-03	1.12E-03	6.64E-06	2.24E-04	2.53E-04	2.15E-02
1287	372823	3756505	Fenceline	6.65E-03	2.00E-04	5.48E-03	1.49E-02	2.07E-04	1.29E-03	2.32E-04	1.01E-02	8.27E-03	9.95E-04	1.88E-03	2.28E-03	1.34E-05	2.94E-03	3.90E-03	1.19E-03	7.08E-06	2.38E-04	2.70E-04	2.28E-02
1288	373004	3756435	Fenceline	5.64E-03	1.84E-04	4.93E-03	1.27E-02	1.89E-04	1.09E-03	2.10E-04	9.21E-03	7.57E-03	9.06E-04	1.71E-03	2.17E-03	1.28E-05	2.78E-03	3.72E-03	1.14E-03	6.74E-06	2.27E-04	2.58E-04	2.15E-02
1289	373089	3756434	Fenceline	5.48E-03	1.90E-04	5.00E-03	1.25E-02	1.94E-04	1.05E-03	2.14E-04	9.44E-03	7.77E-03	9.27E-04	1.75E-03	2.15E-03	1.27E-05	2.83E-03	3.69E-03	1.13E-03	6.69E-06	2.26E-04	2.56E-04	2.18E-02
1290	373174	3756433	Fenceline	5.19E-03	2.04E-04	5.17E-03	1.20E-02	2.05E-04	9.92E-04	2.25E-04	1.00E-02	8.24E-03	9.27E-04	1.85E-03	2.17E-03	1.28E-05	2.97E-03	3.72E-03	1.14E-03	6.75E-06	2.29E-04	2.58E-04	2.27E-02
1291	373317	3756432	Fenceline	4.96E-03	2.32E-04	5.63E-03	1.18E-02	2.30E-04	9.40E-04	2.48E-04	1.12E-02	9.24E-03	1.09E-03	2.07E-03	2.08E-03	1.22E-05	3.15E-03	3.57E-03	1.10E-03	6.47E-06	2.21E-04	2.47E-04	2.38E-02
1292	373374	3756379	Fenceline	4.93E-03	2.32E-04	5.61E-03	1.17E-02	2.29E-04	9.32E-04	2.47E-04	1.12E-02	9.21E-03	1.08E-03	2.06E-03	2.12E-03	1.24E-05	3.17E-03	3.63E-03	1.11E-03	6.57E-06	2.25E-04	2.51E-04	2.39E-02
1293	373371	3756205	Fenceline	5.54E-03	2.02E-04	5.23E-03	1.27E-02	2.04E-04	1.06E-03	2.25E-04	9.96E-03	8.20E-03	9.77E-04	1.85E-03	1.73E-03	1.02E-05	2.65E-03	2.97E-03	9.11E-04	5.40E-06	1.84E-04	2.06E-04	2.00E-02
1294	373369	3756115	Fenceline	5.90E-03	2.01E-04	5.30E-03	1.34E-02	2.05E-04	1.14E-03	2.27E-04	9.98E-03	8.20E-03	9.81E-04	1.86E-03	1.71E-03	1.00E-05	2.61E-03	2.92E-03	8.97E-04	5.32E-06	1.82E-04	2.02E-04	1.97E-02
1295	373368	3756025	Fenceline	6.90E-03	1.87E-04	5.31E-03	1.53E-02	1.96E-04	1.34E-03	2.23E-04	9.57E-03	7.84E-03	9.49E-04	1.78E-03	1.54E-03	9.04E-06	2.36E-03	2.63E-03	8.08E-04	4.81E-06	1.63E-04	1.82E-04	1.78E-02
1296	373367	3755936	Fenceline	7.51E-03	1.78E-04	5.31E-03	1.64E-02	1.91E-04	1.47E-03	2.20E-04	9.29E-03	7.59E-03	9.27E-04	1.74E-03	1.47E-03	8.60E-06	2.22E-03	2.50E-03	7.68E-04	4.59E-06	1.55E-04	1.73E-04	1.67E-02
1297	373365	3755844	Fenceline	8.03E-03	1.72E-04	5.34E-03	1.74E-02	1.87E-04	1.57E-03	2.19E-04	9.13E-03	7.44E-03	9.16E-04	1.71E-03	1.41E-03	8.29E-06	2.12E-03	2.41E-03	7.40E-04	4.43E-06	1.50E-04	1.67E-04	1.60E-02
1298	373288	3755757	Fenceline	1.11E-02	1.83E-04	6.40E-03	2.37E-02	2.11E-04	2.19E-03	2.54E-04	1.03E-02	8.32E-03	1.04E-03	1.94E-03	1.79E-03	1.05E-05	2.36E-03	3.04E-03	9.32E-04	5.60E-06	1.86E-04	2.11E-04	1.82E-02
1299	373213	3755758	Fenceline	1.31E-02	2.03E-04	7.31E-03	2.78E-02	2.37E-04	2.59E-03	2.85E-04	1.15E-02	9.34E-03	1.18E-03	2.18E-03	2.10E-03	1.23E-05	2.67E-03	3.58E-03	1.10E-03	6.59E-06	2.18E-04	2.48E-04	2.07E-02
1300	373138	3755829	Fenceline	1.31E-02	1.94E-04	7.14E-03	2.77E-02	2.28E-04	2.59E-03	2.80E-04	1.11E-02	9.00E-03	1.14E-03	2.11E-03	1.99E-03	1.17E-05	2.53E-03	3.39E-03	1.04E-03	6.42E-06	2.07E-04	2.35E-04	1.97E-02
1301	373058	3755830	Fenceline	1.65E-02	2.36E-04	8.82E-03	3.49E-02	2.79E-04	3.26E-03	3.45E-04	1.36E-02	1.10E-02	1.40E-03	2.58E-03	2.42E-03	1.42E-05	3.05E-03	4.12E-03	1.26E-03	6.27E-06	2.52E-04	2.86E-04	2.38E-02
1302	372993	3755762	Fenceline	2.99E-02	4.56E-04	1.65E-02	6.35E-02	5.33E-04	5.91E-03	6.51E-04	2.60E-02	2.10E-02	2.65E-03	4.91E-03	4.88E-03	2.85E-05	6.08E-03	8.27E-03	2.53E-03	1.53E-05	5.05E-04	5.74E-04	4.73E-02
1303	372929	3755664	Fenceline	4.01E-02	6.08E-04	2.21E-02	8.51E-02	7.11E-04	7.92E-03	8.70E-04	3.47E-02	2.80E-02	3.55E-03	6.56E-03	6.30E-03	3.68E-05	7.98E-03	1.07E-02	3.28E-03	1.98E-05	6.54E-04	7.43E-04	6.20E-02
1304	372928	3755665	Fenceline	5.12E-02	6.93E-04	2.67E-02	1.08E-01	8.33E-04	1.01E-02	1.04E-03	4.06E-02	3.28E-02	4.18E-03	7.71E-03	7.18E-03	4.19E-05	8.84E-03	1.22E-02	3.73E-03	2.25E-05	7.43E-04	8.46E-04	6.90E-02
1305	372928	3755665	Fenceline	5.18E-02	7.43E-04	2.78E-02	1.10E-01	8.80E-04	1.02E-02	1.09E-03	4.29E-02	3.47E-02	4.41E-03	8.13E-03	7.41E-03	4.34E-05	9.42E-03	1.26E-02	3.86E-03	2.33E-05	7.71E-04	8.75E-04	7.32E-02
1306	372851	3755367	Fenceline	3.41E-02	4.28E-04	1.71E-02	7.15E-02	5.24E-04	6.75E-03	6.59E-04	2.56E-02	2.06E-02	2.64E-03	4.86E-03	3.72E-03	2.18E-05	4.88E-03	6.33E-03	1.94E-03	1.17E-05	3.88E-04	4.39E-04	3.77E-02
1307	372774	3755368	Fenceline	1.97E-02	2.41E-04	9.80E-03	4.14E-02	2.97E-04	3.91E-03	3.76E-04	1.45E-02	1.17E-02	1.50E-03	2.76E-03	2.08E-03	1.22E-05	2.73E-03	3.54E-03	1.09E-03	6.55E-06	2.17E-04	2.46E-04	2.11E-02
1308	372698	3755369	Fenceline	1.42E-02	2.12E-04	7.76E-03	3.01E-02	2.49E-04	2.81E-03	3.05E-04	1.21E-02	9.80E-03	1.24E-03	2.29E-03	1.91E-03	1.12E-05	2.55E-03	3.26E-03	1.00E-03	6.00E-06	2.00E-04	2.26E-04	1.97E-02
1309	372489	3755376	Fenceline	8.12E-03	1.59E-04	5.13E-03	1.75E-02	1.76E-04	1.59E-03	2.08E-04	8.58E-03	6.99E-03	8.65E-04	1.61E-03	1.29E-03	7.58E-06	1.91E-03	2.21E-03	6.77E-04	4.05E-06	1.37E-04	1.52E-04	1.45E-02
1310	372411	3755382	Fenceline	7.03E-03	1.46E-04	4.59E-03	1.52E-02	1.60E-04	1.38E-03	1.87E-04	7.79E-03	6.35E-03	7.83E-04	1.46E-03	1.15E-03	6.74E-06	1.75E-03	1.96E-03	6.02E-04	3.60E-06	1.22E-04	1.36E-04	1.32E-02
1311	372233	3755392	Fenceline	5.67E-03	1.27E-04	3.88E-03	1.23E-02	1.38E-04	1.11E-03	1.60E-04	6.71E-03	5.48E-03	6.71E-04	1.26E-03	1.11E-03	6.49E-06	1.61E-03	1.89E-03	5.80E-04	3.46E-06	1.17E-04	1.31E-04	1.22E-02
1312	372133	3755395	Fenceline	5.29E-03	1.17E-04	3.60E-03	1.15E-02	1.27E-04	1.04E-03	1.48E-04	6.20E-03	5.06E-03	6.21E-04	1.16E-03	1.14E-03	6.70E-06	1.56E-03	1.95E-03	5.98E-04	3.57E-06	1.20E-04	1.35E-04	1.20E-02
1313	372034	3755399	Fenceline	5.10E-03	1.11E-04	3.42E-03	1.11E-02	1.20E-04	9.99E-04	1.40E-04	5.87E-03	4.79E-03	5.88E-04	1.10E-03	1.15E-03	6.74E-06	1.52E-03	1.96E-03	6.01E-04	3.59E-06	1.20E-04	1.36E-04	1.17E-02
1314	371868	3755401	Fenceline	4.86E-03	1.01E-04	3.19E-03	1.05E-02	1.11E-04	9.53E-04	1.30E-04	5.41E-03	4.41E-03	5.43E-04	1.01E-03	1.09E-03	6.37E-06	1.41E-03	1.85E-03	5.67E-04	3.39E-06	1.13E-04	1.28E-04	1.09E-02
1315	371801	3755399	Fenceline	4.86E-03	9.74E-05	3.12E-03	1.05E-02	1.08E-04	9.54E-04	1.27E-04	5.24E-03	4.27E-03	5.28E-04	9.84E-04	1.04E-03	6.11E-06	1.35E-03	1.78E-03	5.44E-04	3.25E-06	1.09E-04	1.23E-04	1.04E-02
1316	371639	3755399	Fenceline	3.96E-03	8.07E-05	2.56E-03	8.56E-03	8.88E-05	7.77E-04	1.04E-04	4.33E-03	3.53E-03	4.35E-04	8.13E-04	9.07E-04	5.32E-06	1.14E-03	1.55E-03	4.74E-04	2.83E-06	9.45E-05	1.07E-04	8.88E-03
1317	371543	3755400	Fenceline	3.60E-03	7.99E-05	2.45E-03	7.83																

**Table 2-4.1  
Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project  
Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	Pollutant																			
				acetaldehyde (µg/m³)	acrolein (µg/m³)	benzene (µg/m³)	formaldehyde (µg/m³)	methyl alcohol (µg/m³)	methyl ethyl ketone (µg/m³)	styrene (µg/m³)	toluene (µg/m³)	xylene, total (µg/m³)	1,3-Butadiene (µg/m³)	ethyl benzene (µg/m³)	ammonium (µg/m³)	arsenic (µg/m³)	chlorine (µg/m³)	copper (µg/m³)	manganese (µg/m³)	mercury (µg/m³)	nickel (µg/m³)	vanadium (µg/m³)	sulfates (µg/m³)
1350	367874	3755433	Fenceline	1.26E-03	4.79E-05	1.22E-03	2.89E-03	4.82E-05	2.41E-04	5.29E-05	2.35E-03	1.94E-03	2.30E-04	4.36E-04	6.78E-04	3.99E-06	8.03E-04	1.16E-03	3.55E-04	2.10E-06	7.05E-05	8.04E-05	6.30E-03
1351	367727	3755428	Fenceline	8.01E-04	4.44E-05	1.03E-03	1.95E-03	4.32E-05	1.50E-04	4.61E-05	2.10E-03	1.74E-03	2.04E-04	3.89E-04	6.65E-04	3.91E-06	7.79E-04	1.14E-03	3.49E-04	2.06E-06	6.91E-05	7.90E-05	6.12E-03
1352	367640	3755429	Fenceline	7.85E-04	4.53E-05	1.05E-03	1.93E-03	4.40E-05	1.46E-04	4.68E-05	2.14E-03	1.77E-03	2.07E-04	3.95E-04	6.55E-04	3.86E-06	7.80E-04	1.12E-03	3.44E-04	2.03E-06	6.82E-05	7.79E-05	6.11E-03
1353	367552	3755430	Fenceline	7.71E-04	4.61E-05	1.06E-03	1.90E-03	4.47E-05	1.43E-04	4.74E-05	2.18E-03	1.80E-03	2.10E-04	4.01E-04	6.39E-04	3.76E-06	7.77E-04	1.09E-03	3.35E-04	1.98E-06	6.66E-05	7.59E-05	6.07E-03
1354	367465	3755431	Fenceline	7.64E-04	4.69E-05	1.07E-03	1.90E-03	4.54E-05	1.42E-04	4.81E-05	2.21E-03	1.83E-03	2.13E-04	4.08E-04	6.16E-04	3.63E-06	7.70E-04	1.06E-03	3.24E-04	1.91E-06	6.44E-05	7.32E-05	5.98E-03
1355	367339	3755520	Fenceline	7.57E-04	4.75E-05	1.15E-03	1.92E-03	4.94E-05	1.39E-04	5.20E-05	2.40E-03	1.99E-03	2.32E-04	4.43E-04	6.52E-04	3.84E-06	8.31E-04	1.12E-03	3.42E-04	2.02E-06	6.83E-05	7.72E-05	6.44E-03
1356	367300	3755609	Fenceline	7.65E-04	5.39E-05	1.20E-03	1.95E-03	5.16E-05	1.40E-04	5.43E-05	2.52E-03	2.09E-03	2.42E-04	4.63E-04	7.01E-04	4.13E-06	8.83E-04	1.20E-03	3.69E-04	2.17E-06	7.33E-05	8.33E-05	6.86E-03
1357	367262	3755697	Fenceline	8.19E-04	5.45E-05	1.23E-03	2.06E-03	5.24E-05	1.51E-04	5.53E-05	2.55E-03	2.12E-03	2.46E-04	4.71E-04	7.17E-04	4.22E-06	8.97E-04	1.23E-03	3.76E-04	2.25E-06	7.49E-05	8.52E-05	6.97E-03
1358	367223	3755786	Fenceline	8.54E-04	5.26E-05	1.20E-03	2.12E-03	5.09E-05	1.58E-04	5.39E-05	2.48E-03	2.05E-03	2.39E-04	4.57E-04	6.93E-04	4.08E-06	8.65E-04	1.19E-03	3.64E-04	2.15E-06	7.24E-05	8.24E-05	6.73E-03
1359	367184	3755874	Fenceline	8.94E-04	5.68E-05	1.29E-03	2.23E-03	5.48E-05	1.65E-04	5.79E-05	2.67E-03	2.21E-03	2.57E-04	4.92E-04	7.27E-04	4.27E-06	9.20E-04	1.24E-03	3.81E-04	2.25E-06	7.60E-05	8.63E-05	7.13E-03
1360	367145	3755963	Fenceline	9.15E-04	5.91E-05	1.34E-03	2.29E-03	5.70E-05	1.69E-04	6.02E-05	2.78E-03	2.30E-03	2.68E-04	5.12E-04	7.73E-04	4.55E-06	9.69E-04	1.33E-03	4.06E-04	2.39E-06	8.08E-05	9.19E-05	7.53E-03
1361	367107	3756051	Fenceline	9.18E-04	5.86E-05	1.33E-03	2.30E-03	5.65E-05	1.70E-04	5.97E-05	2.75E-03	2.28E-03	2.65E-04	5.07E-04	7.74E-04	4.56E-06	9.65E-04	1.33E-03	4.04E-04	2.40E-06	8.09E-05	9.20E-05	7.50E-03
1362	367068	3756140	Fenceline	9.06E-04	5.70E-05	1.30E-03	2.26E-03	5.50E-05	1.68E-04	5.82E-05	2.68E-03	2.22E-03	2.58E-04	4.94E-04	7.40E-04	4.35E-06	9.29E-04	1.27E-03	3.89E-04	2.29E-06	7.73E-05	8.79E-05	7.22E-03
1363	367029	3756229	Fenceline	8.94E-04	5.81E-05	1.31E-03	2.24E-03	5.59E-05	1.65E-04	5.90E-05	2.72E-03	2.26E-03	2.63E-04	5.02E-04	7.69E-04	4.52E-06	9.57E-04	1.32E-03	4.03E-04	2.38E-06	8.03E-05	9.13E-05	7.45E-03
1364	366991	3756317	Fenceline	8.74E-04	5.80E-05	1.31E-03	2.20E-03	5.58E-05	1.61E-04	5.88E-05	2.72E-03	2.25E-03	2.62E-04	5.01E-04	7.70E-04	4.53E-06	9.59E-04	1.32E-03	4.04E-04	2.38E-06	8.05E-05	9.15E-05	7.46E-03
1365	366952	3756406	Fenceline	8.48E-04	5.63E-05	1.27E-03	2.14E-03	5.42E-05	1.56E-04	5.71E-05	2.64E-03	2.19E-03	2.54E-04	4.86E-04	7.53E-04	4.44E-06	9.34E-04	1.29E-03	3.95E-04	2.33E-06	7.87E-05	8.95E-05	7.27E-03
1366	366913	3756494	Fenceline	8.19E-04	5.28E-05	1.20E-03	2.05E-03	5.09E-05	1.51E-04	5.38E-05	2.48E-03	2.06E-03	2.39E-04	4.57E-04	7.00E-04	4.12E-06	8.71E-04	1.20E-03	3.67E-04	2.17E-06	7.31E-05	8.32E-05	6.78E-03
1367	366875	3756583	Fenceline	7.97E-04	5.03E-05	1.14E-03	1.99E-03	4.85E-05	1.48E-04	5.14E-05	2.36E-03	1.96E-03	2.28E-04	4.36E-04	6.37E-04	4.34E-06	8.75E-04	1.26E-03	3.87E-04	2.28E-06	7.67E-05	8.76E-05	6.96E-03
1368	366836	3756671	Fenceline	7.86E-04	4.91E-05	1.12E-03	1.96E-03	4.74E-05	1.46E-04	5.02E-05	2.31E-03	1.91E-03	2.23E-04	4.26E-04	6.37E-04	4.29E-06	8.82E-04	1.31E-03	4.00E-04	2.36E-06	7.93E-05	9.07E-05	6.95E-03
1369	366797	3756760	Fenceline	7.78E-04	4.63E-05	1.06E-03	1.92E-03	4.48E-05	1.45E-04	4.76E-05	2.18E-03	1.81E-03	2.11E-04	4.03E-04	7.19E-04	4.24E-06	8.30E-04	1.23E-03	3.77E-04	2.23E-06	7.47E-05	8.55E-05	6.54E-03
1370	366759	3756848	Fenceline	7.72E-04	4.09E-05	9.62E-04	1.86E-03	3.99E-05	1.45E-04	4.27E-05	1.95E-03	1.61E-03	1.89E-04	3.59E-04	6.24E-04	3.67E-06	7.23E-04	1.07E-03	3.27E-04	1.93E-06	6.48E-05	7.42E-05	5.70E-03
1371	366720	3756937	Fenceline	7.64E-04	3.94E-05	9.38E-04	1.88E-03	3.86E-05	1.48E-04	4.15E-05	1.88E-03	1.56E-03	1.83E-04	3.48E-04	6.32E-04	3.72E-06	7.15E-04	1.08E-03	3.31E-04	1.96E-06	6.55E-05	7.51E-05	5.86E-03
1372	366681	3757026	Fenceline	8.07E-04	3.99E-05	9.54E-04	1.93E-03	3.92E-05	1.52E-04	4.22E-05	1.91E-03	1.58E-03	1.85E-04	3.53E-04	6.30E-04	3.71E-06	7.17E-04	1.08E-03	3.30E-04	1.95E-06	6.54E-05	7.49E-05	5.67E-03
1373	366643	3757114	Fenceline	8.31E-04	4.00E-05	9.63E-04	1.98E-03	3.94E-05	1.57E-04	4.25E-05	1.92E-03	1.59E-03	1.87E-04	3.55E-04	6.14E-04	3.62E-06	7.08E-04	1.05E-03	3.22E-04	1.90E-06	6.38E-05	7.30E-05	5.58E-03
1374	366604	3757203	Fenceline	8.49E-04	3.85E-05	9.40E-04	2.00E-03	3.81E-05	1.61E-04	4.12E-05	1.86E-03	1.53E-03	1.81E-04	3.44E-04	5.82E-04	3.43E-06	6.74E-04	1.08E-03	3.05E-04	1.80E-06	6.05E-05	6.92E-05	5.31E-03
1375	366565	3757291	Fenceline	8.84E-04	4.51E-05	1.07E-03	2.12E-03	4.42E-05	1.66E-04	4.74E-05	2.15E-03	1.78E-03	2.09E-04	3.98E-04	5.45E-04	3.21E-06	7.04E-04	9.34E-04	2.86E-04	1.69E-06	5.71E-05	6.47E-05	5.44E-03
1376	366526	3757380	Fenceline	9.14E-04	5.29E-05	1.22E-03	2.24E-03	5.14E-05	1.70E-04	5.46E-05	2.50E-03	2.07E-03	2.42E-04	4.62E-04	6.74E-04	3.96E-06	8.52E-04	1.15E-03	3.54E-04	2.09E-06	7.05E-05	8.00E-05	6.61E-03
1377	366488	3757468	Fenceline	9.25E-04	5.84E-05	1.33E-03	2.31E-03	5.64E-05	1.71E-04	5.96E-05	2.75E-03	2.28E-03	2.65E-04	5.06E-04	7.69E-04	4.53E-06	9.60E-04	1.32E-03	4.04E-04	2.38E-06	8.04E-05	9.14E-05	7.46E-03
1378	366449	3757557	Fenceline	9.16E-04	6.07E-05	1.37E-03	2.31E-03	5.83E-05	1.69E-04	6.15E-05	2.84E-03	2.36E-03	2.74E-04	5.24E-04	8.11E-04	4.78E-06	1.01E-03	1.39E-03	4.26E-04	2.51E-06	8.47E-05	9.64E-05	7.83E-03
1379	366410	3757645	Fenceline	8.86E-04	5.95E-05	1.34E-03	2.24E-03	5.72E-05	1.63E-04	6.03E-05	2.79E-03	2.31E-03	2.68E-04	5.13E-04	7.96E-04	4.68E-06	9.87E-04	1.36E-03	4.17E-04	2.46E-06	8.31E-05	9.45E-05	7.68E-03
1380	366393	3757895	Residential	9.70E-04	4.80E-05	1.15E-03	2.32E-03	4.72E-05	1.83E-04	5.07E-05	2.90E-03	1.90E-03	2.23E-04	4.25E-04	5.69E-04	3.35E-06	7.41E-04	9.75E-04	2.98E-04	1.76E-06	5.96E-05	6.75E-05	5.72E-03
1381	367044	3757929	Fenceline	1.29E-03	5.51E-05	1.36E-03	3.01E-03	5.48E-05	2.45E-04	5.96E-05	2.67E-03	2.20E-03	2.60E-04	4.95E-04	7.08E-04	4.16E-06	8.81E-04	1.21E-03	3.71E-04	2.19E-06	7.39E-05	8.40E-05	6.85E-03
1382	367163	3757938	Fenceline	1.46E-03	6.69E-05	1.63E-03	3.44E-03	6.61E-05	2.77E-04	7.15E-05	3.22E-03	2.66E-03	3.14E-04	5.96E-04	9.59E-04	5.64E-06	1.14E-03	1.64E-03	5.03E-04	2.97E-06	9.98E-05	1.14E-04	8.93E-03
1383	367285	3757912	Fenceline	1.08E-03	4.85E-05	1.19E-03	2.55E-03	4.80E-05	2.06E-04	5.20E-05	2.34E-03	1.93E-03	2.28E-04	4.33E-04	6.01E-04	3.54E-06	7.63E-04	1.03E-03	3.15E-04	1.86E-06	6.29E-05	7.14E-05	5.92E-03
1384	367402	3757983	Fenceline	1.07E-03	4.89E-05	1.19E-03	2.52E-03	4.84E-05	2.03E-04	5.23E-05	2.36E-03	1.95E-03	2.29E-04	4.36E-04	6.16E-04	3.62E-06	7.76E-04	1.05E-03	3.23E-04	1.91E-06	6.44E-05	7.31E-05	6.02E-03
1385	367499	3757938	Fenceline	1.09E-03	4.81E-05	1.18E-03	2.55E-03	4.77E-05	2.07E-04	5.17E-05	2.32E-03	1.92E-03	2.26E-04	4.30E-04	6.18E-04	3.64E-06	7.70E-04	1.06E-03	3.24E-04	1.92E-06	6.46E-05	7.34E-05	5.99E-03
1386	367785	3758201	Fenceline	1.87E-03	1.01E-04	2.37E-03	4.53E-03	9.85E-05	3.50E-04	1.05E-04	4.80E-03	3.97E-03	4.65E-04	8.86E-04	1.30E-03	7.64E-06	1.63E-03	2.23E-03	6.81E-04	4.02E-06	1.36E-04	1.54E-04	1.27E-02
1387	367913	3758112	Residential	2.02E-03	1.04E-04	2.47E-03	4.87E-03	1.02E-04	3.81E-04	1.10E-04	4.98E-03	4.12E-03	4.83E-04	9.20E-04	1.35E-03	7.94E-06	1.69E-03	2.31E-03	7.08E-04	4.18E-06	1.41E-04	1.60E-04	1.31E-02
1388	368067	3758045	Residential	2.15E-03	1.08E-04	2.57E-03	5.15E-03	1.06E-04	4.05E-04	1.14E-04	5.15E-03	4.26E-03	5.00E-04	9.52E-04	1.40E-03	8.23E-06	1.74E-03	2.40E-03	7.34E-04	4.33E-06	1.46E-04	1.66E-04	1.36E-02

**Table 2-4.1**  
**Summary of Incremental Acute Hazard Indices for Onsite Workers and Offsite Receptors - LAX Landside Access Modernization Program, 2035 With Project v. 2035 Without Project**  
**Operation TAC Concentrations**

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m <sup>3</sup> )	acrolein (µg/m <sup>3</sup> )	benzene (µg/m <sup>3</sup> )	formaldehyde (µg/m <sup>3</sup> )	methyl alcohol (µg/m <sup>3</sup> )	methyl ethyl ketone (µg/m <sup>3</sup> )	styrene (µg/m <sup>3</sup> )	toluene (µg/m <sup>3</sup> )	xylylene, total (µg/m <sup>3</sup> )	1,3-Butadiene (µg/m <sup>3</sup> )	ethyl benzene (µg/m <sup>3</sup> )	ammonium (µg/m <sup>3</sup> )	arsenic (µg/m <sup>3</sup> )	chlorine (µg/m <sup>3</sup> )	copper (µg/m <sup>3</sup> )	manganese (µg/m <sup>3</sup> )	mercury (µg/m <sup>3</sup> )	nickel (µg/m <sup>3</sup> )	vanadium (µg/m <sup>3</sup> )	sulfates (µg/m <sup>3</sup> )
1421	371954	3757578	Fenceline	8.61E-03	2.19E-04	6.37E-03	1.89E-02	2.32E-04	1.68E-03	2.66E-04	1.13E-02	9.27E-03	1.13E-03	2.12E-03	2.68E-03	1.58E-05	3.31E-03	4.59E-03	1.40E-03	8.34E-06	2.79E-04	3.18E-04	2.58E-02
1422	372098	3757755	Fenceline	5.52E-03	1.67E-04	4.58E-03	1.24E-02	1.73E-04	1.07E-03	1.94E-04	8.44E-03	6.93E-03	8.33E-04	1.57E-03	2.01E-03	1.18E-05	2.54E-03	3.45E-03	1.05E-03	6.25E-06	2.10E-04	2.39E-04	1.97E-02
1423	372162	3757676	Fenceline	6.31E-03	1.85E-04	5.12E-03	1.41E-02	1.92E-04	1.22E-03	2.16E-04	9.37E-03	7.69E-03	9.26E-04	1.75E-03	2.27E-03	1.34E-05	2.83E-03	3.89E-03	1.19E-03	7.06E-06	2.37E-04	2.70E-04	2.20E-02
1424	372159	3757597	Fenceline	7.00E-03	2.18E-04	5.92E-03	1.57E-02	2.25E-04	1.35E-03	2.52E-04	1.10E-02	9.01E-03	1.08E-03	2.04E-03	2.76E-03	1.62E-05	3.40E-03	4.72E-03	1.44E-03	8.56E-06	2.87E-04	3.27E-04	2.65E-02
1425	372157	3757518	Fenceline	7.93E-03	2.59E-04	6.93E-03	1.79E-02	2.66E-04	1.53E-03	2.96E-04	1.29E-02	1.06E-02	1.27E-03	2.41E-03	3.23E-03	1.90E-05	4.02E-03	5.54E-03	1.69E-03	1.00E-05	3.37E-04	3.84E-04	3.13E-02
1426	373375	3757598	Residential	4.61E-03	4.19E-04	8.97E-03	1.25E-02	3.96E-04	8.21E-04	4.11E-04	1.93E-02	1.60E-02	1.85E-03	3.55E-03	4.82E-03	2.84E-05	6.50E-03	8.27E-03	2.53E-03	1.49E-05	5.07E-04	5.73E-04	4.99E-02
1427	373374	3757510	Fenceline	4.90E-03	3.72E-04	8.18E-03	1.27E-02	3.55E-04	8.91E-04	3.71E-04	1.73E-02	1.43E-02	1.66E-03	3.18E-03	4.37E-03	2.57E-05	5.80E-03	7.49E-03	2.29E-03	1.35E-05	4.59E-04	5.19E-04	4.46E-02
1428	373373	3757423	Residential	5.28E-03	4.09E-04	8.97E-03	1.38E-02	3.90E-04	9.58E-04	4.08E-04	1.90E-02	1.58E-02	1.82E-03	3.50E-03	4.92E-03	2.89E-05	6.45E-03	8.43E-03	2.58E-03	1.52E-05	5.16E-04	5.84E-04	4.97E-02
1429	373372	3757335	Fenceline	6.38E-03	5.81E-04	1.24E-02	1.73E-02	5.49E-04	1.14E-03	5.70E-04	2.67E-02	2.22E-02	2.56E-03	4.91E-03	5.48E-03	3.23E-05	8.22E-03	9.41E-03	2.89E-03	1.70E-05	5.83E-04	6.51E-04	6.20E-02
1430	373371	3757247	Residential	8.42E-03	1.03E-03	2.13E-02	2.49E-02	9.64E-04	1.43E-03	9.89E-04	4.69E-02	3.91E-02	4.48E-03	8.61E-03	1.03E-02	6.04E-05	1.50E-02	1.76E-02	5.40E-03	3.17E-05	1.09E-03	1.22E-03	1.14E-01
1431	373370	3757160	Residential	1.18E-02	1.37E-03	2.84E-02	3.44E-02	1.28E-03	2.03E-03	1.32E-03	6.24E-02	5.20E-02	5.96E-03	1.15E-02	1.60E-02	9.43E-05	2.15E-02	2.75E-02	8.42E-03	4.95E-05	1.69E-03	1.90E-03	1.65E-01
1432	373303	3757073	Fenceline	7.33E-03	6.67E-04	1.43E-02	1.99E-02	6.31E-04	1.30E-03	6.55E-04	3.07E-02	2.55E-02	2.94E-03	5.65E-03	8.08E-03	4.76E-05	1.06E-02	1.39E-02	4.25E-03	2.50E-05	8.49E-04	9.60E-04	8.19E-02
1433	372948	3756972	Fenceline	7.27E-03	5.12E-04	1.14E-02	1.86E-02	4.90E-04	1.33E-03	5.15E-04	2.39E-02	1.98E-02	2.30E-03	4.40E-03	6.74E-03	3.97E-05	8.45E-03	1.16E-02	3.54E-03	2.09E-05	7.05E-04	8.01E-04	6.56E-02
1434	372768	3756974	Fenceline	8.66E-03	3.98E-04	9.68E-03	2.04E-02	3.93E-04	1.64E-03	4.25E-04	1.92E-02	1.58E-02	1.86E-03	3.55E-03	4.95E-03	2.91E-05	6.28E-03	8.48E-03	2.60E-03	1.54E-05	5.18E-04	5.88E-04	4.87E-02
1435	372631	3757128	Fenceline	1.82E-02	8.95E-04	2.14E-02	4.35E-02	8.80E-04	3.44E-03	9.47E-04	4.29E-02	3.54E-02	4.16E-03	7.93E-03	1.07E-02	6.31E-05	1.39E-02	1.84E-02	5.63E-03	3.32E-05	1.12E-03	1.27E-03	1.07E-01
1436	372840	3757746	Fenceline	3.33E-03	4.35E-04	8.91E-03	1.01E-02	4.05E-04	5.58E-04	4.15E-04	1.97E-02	1.64E-02	1.88E-03	3.62E-03	6.03E-03	3.55E-05	7.46E-03	1.03E-02	3.17E-03	1.86E-05	6.30E-04	7.17E-04	5.81E-02
1437	373078	3757731	Fenceline	4.56E-03	5.43E-04	1.12E-02	1.34E-02	5.07E-04	7.78E-04	5.21E-04	2.47E-02	2.06E-02	2.36E-03	4.53E-03	7.51E-03	4.42E-05	9.29E-03	1.29E-02	3.94E-03	2.32E-05	7.84E-04	8.92E-04	7.23E-02
1438	373159	3757731	Fenceline	4.33E-03	4.17E-04	8.85E-03	1.19E-02	3.93E-04	7.65E-04	4.07E-04	1.91E-02	1.59E-02	1.83E-03	3.52E-03	5.61E-03	3.30E-05	7.01E-03	9.63E-03	2.95E-03	1.74E-05	5.87E-04	6.67E-04	5.45E-02
1439	373241	3757731	Fenceline	4.50E-03	4.33E-04	9.20E-03	1.24E-02	4.08E-04	7.95E-04	4.23E-04	1.99E-02	1.65E-02	1.90E-03	3.65E-03	5.54E-03	3.26E-05	7.09E-03	9.50E-03	2.91E-03	1.71E-05	5.80E-04	6.58E-04	5.49E-02

ug/m<sup>3</sup> = micrograms per cubic meter

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

## Attachment 3

# Cancer Risk and Chronic Non-Cancer Health Hazard Calculations by RAGS Part F Methodology

In 2009, the EPA released the RAGS, Part F<sup>59</sup> (hereafter referred to as RAGS Part F). This guidance recommends that inhalation dosimetry methodology be used to calculate inhalation exposures. In this approach, the concentration of the chemical in air is the exposure metric (e.g., milligrams per cubic meter, mg/m<sup>3</sup>), and risks are estimated using a unit risk that predicts cancer risk for each mg/m<sup>3</sup>. Inhalation rate and body weight are no longer used in the calculations. RAGS Part F methodology is currently used exclusively by USEPA for calculating risks and hazards for the inhalation pathway and has become universally applied within the United States.

RAGS Part 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:<sup>60</sup>

$$EC = (CA \times ET \times EF \times ED) / AT$$

Where: EC = exposure concentration (µg/m<sup>3</sup>)

CA = chemical concentration in air (µg/m<sup>3</sup>)

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)

Averaging time for estimation of cancer risk is 70 years or 25,550 days. Cancer risk is evaluated as the LADD according to CalEPA and USEPA guidance. Averaging time for estimation of non-cancer health hazards is the duration of exposure, expressed in days. Non-cancer health hazards are evaluated as average daily dose (ADD) over the period of exposure, again, following CalEPA and USEPA guidance.

Cancer risks and the non-cancer health hazards are then calculated using the following formulas:<sup>61</sup>

$$\text{Risk} = \text{IUR} \times \text{EC}$$

<sup>59</sup> U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, *Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment)*, Final, EPA-540-R-070-002, OSWER 9285.7-82, January 2009.

<sup>60</sup> U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, *Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment)*, Final, EPA-540-R-070-002, OSWER 9285.7-82, January 2009.

<sup>61</sup> U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, *Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment)*, Final, EPA-540-R-070-002, OSWER 9285.7-82, January 2009.

HQ	=	EC / (RfC x 1000 µg/mg)
Where: IUR	=	inhalation unit risk (µg/m <sup>3</sup> ) <sup>-1</sup>
EC	=	exposure concentration (µg/m <sup>3</sup> )
HQ	=	hazard quotient
RfC	=	reference concentration (mg/m <sup>3</sup> )

Assessment of potential chronic human health impacts due to release of TAC associated with the proposed Project assumes that exposure concentrations of TAC are constant over a 70-year period for residential receptors. For this analysis, chemical concentrations, C, from construction are assumed to continue for 14 years. For the remaining 56 years of a 70 year lifetime, construction emissions were assumed to be zero. Risk estimates using these predicted TAC concentrations were based locations where construction impacts were likely to be maximal. Such risk estimates overestimate risks for most people living, working or attending school near LAX. This conservatism (protection) is built into the risk assessment developed for the proposed Project to help counter any future changes in Project construction that cannot now be anticipated quantitatively.

Exposure parameters used to calculate LADD and ADD for all receptors for the inhalation pathway are summarized in **Table A3--1**. Exposure parameters are based on CalEPA Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities,<sup>62</sup> USEPA Exposure Factors Handbook,<sup>63</sup> and CalEPA Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments.<sup>64</sup> Although USEPA has recently released another version of the Exposure Factors Handbook<sup>65</sup> that updates some of the recommended exposure parameters, the exposure parameters in **Table A3-1** were selected to maintain consistency with the health risk analyses conducted for the LAX Master Plan Final EIR,<sup>66</sup> the SAIP EIR,<sup>67</sup> the CFTP EIR,<sup>68</sup> the Bradley West Project EIR,<sup>69</sup> and the SPAS EIR.

<sup>62</sup> California Environmental Protection Agency, Department of Toxic Substances Control, *Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities*, corrected and reprinted August 1996.

<sup>63</sup> U.S. Environmental Protection Agency, *Exposure Factors Handbook*, USEPA/600/P-95/002Fa, 1997.

<sup>64</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

<sup>65</sup> U.S. Environmental Protection Agency, *Exposure Factors Handbook*, EPA/600/R-090/052F, September 2011.

<sup>66</sup> City of Los Angeles, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements*, (SCH 1997061047), April 2004.

<sup>67</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) South Airfield Improvement Project*, (SCH 2004081039), October 2005.

<sup>68</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Crossfield Taxiway Project*, (SCH 2008041058), January 2009.

<sup>69</sup> City of Los Angeles, Los Angeles World Airports, *Final Environmental Impact Report for Los Angeles International Airport (LAX) Bradley West Project*, (SCH 2008121080), September 2009.

**Table A3-1 Parameters Used to Estimate Exposures to TAC of Concern**

Exposure Pathway Parameters for Inhalation of Particulates and Gases	Off-Airport Receptors			
	Off-Site Residents		Off-Site School Child	Off-Site Worker
	Adult	Child		
Exposure Frequency (days/yr)	350 <sup>1,3</sup>	350 <sup>1,3</sup>	200 <sup>4</sup>	245 <sup>1</sup>
Exposure Duration (years)	70 <sup>1,5</sup>	6 <sup>2</sup>	6 <sup>4</sup>	40 <sup>1</sup>
Exposure Time (hrs/day)	24 <sup>7</sup>	24 <sup>7</sup>	8 <sup>7</sup>	10 <sup>7</sup>
Averaging Time - Non-cancer (days)	25,550 <sup>1,6</sup>	2,190 <sup>6</sup>	2,190 <sup>6</sup>	14,600 <sup>6</sup>
Averaging Time - Cancer (days)	25,550 <sup>1,6</sup>	25,550 <sup>1,6</sup>	25,550 <sup>1,6</sup>	25,550 <sup>1,6</sup>

Notes:

<sup>1</sup> California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*, February 2015.

<sup>2</sup> U.S. Environmental Protection Agency, *Exposure Factors Handbook*, USEPA/600/P-95/002Fa, 1997.

<sup>3</sup> U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, *Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual, Supplemental Guidance, Standard Default Exposure Factors*, March 1991.

<sup>4</sup> Site-specific.

<sup>5</sup> 70 year exposure duration was used as basis for determining significance.

<sup>6</sup> U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, *Risk Assessment Guidance for Superfund, Volume I Human Health Evaluation Manual (Part A) Interim Final*, USEPA/540/1-89/002, December 1989.

<sup>7</sup> Professional judgment.

Source: CDM Smith 2013

The equation for the RAGS Part F methodology requires exposure time, an exposure parameter that was not previously defined for the LAX Master Plan EIS/EIR and other tiered LAX EIRs (SAIP EIR, CFTP EIR, Bradley West Project EIR, and CUP-RP EIR) because it was not required for the RAGS, Part A methodology (hereafter referred to as RAGS Part A).<sup>70</sup> For exposure time, assumptions adopted for the SPAS EIR were used. Residents were assumed to be exposed 24 hours a day. A school child was assumed to be exposed eight hours per day to account for six hours of school instruction and two hours of after-school activities. An adult worker was assumed to be exposed 10 hours per day.

<sup>70</sup> In the LAX Master Plan EIS/EIR and other tiered LAX EIRs (SAIP EIR, CFTP EIR, Bradley West Project EIR, and CUP-RP EIR), average long-term daily intakes were used to estimate risk and hazards for cancer and non-cancer risk assessment in accordance with RAGS Part A. Since RAGS Part F was released in 2009, RAGS Part A methodology is considered obsolete, tends to be overly conservative, and overestimates risk. (CDM Smith, 2013. Memorandum to Lisa Trifiletti - LAWA, Subject: West Aircraft Maintenance Area (WAMA) Human Health Risk Assessment (HHRA) - Risk Assessment Guidance for Superfund (RAGS), Part A, August 28, 2013.)

# Construction

## 3-1 Unmitigated

Table 3-1.1  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Unmitigated Construction and 2024-2086 Operations - Lifetime Exposure - Adult Resident  
(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

Exposure Parameters	Residential Adult																								
	24 (hrs/day)																								
	70 (years)																								
Exposure Duration	350 (days/year)																								
Exposure Frequency	613200 (hrs)																								
Averaging Time (non-carcinogenic)	613200 (hrs)																								
Averaging Time (carcinogenic)																									

TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )																									
	Construction										Operation by Year															
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1,2,4-trimethylbenzene	7.27E-06	1.19E-03	1.75E-03	7.16E-04	2.32E-04	1.25E-04	1.92E-04	9.54E-05	7.65E-05	1.72E-04	1.52E-04	1.19E-04	5.55E-05	8.62E-06	2.51E-04	2.40E-04	2.29E-04	2.18E-04	2.07E-04	1.96E-04	1.86E-04	1.75E-04	1.64E-04	1.53E-04	1.42E-04	1.31E-04
1,3-butadiene	2.66E-06	4.68E-04	6.60E-04	2.65E-04	8.78E-05	4.71E-05	7.68E-05	3.79E-05	2.80E-05	6.32E-05	5.57E-05	4.37E-05	2.04E-05	3.16E-06	1.40E-04	1.33E-04	1.27E-04	1.21E-04	1.15E-04	1.09E-04	1.02E-04	9.62E-05	8.99E-05	8.37E-05	7.75E-05	7.13E-05
2,2,4-trimethylpentane	4.80E-06	1.05E-03	1.28E-03	4.83E-04	1.73E-04	9.06E-05	1.81E-04	8.68E-05	4.87E-05	1.12E-04	9.76E-05	7.68E-05	3.60E-05	5.53E-06	5.87E-04	5.60E-04	5.33E-04	5.06E-04	4.80E-04	4.53E-04	4.26E-04	3.99E-04	3.72E-04	3.45E-04	3.18E-04	2.92E-04
acetaldehyde	9.71E-05	1.36E-02	2.21E-02	9.35E-03	2.90E-03	1.59E-03	2.12E-03	1.08E-03	1.02E-03	2.27E-03	2.01E-03	1.58E-03	7.36E-04	1.15E-04	1.45E-04	1.49E-04	1.53E-04	1.57E-04	1.62E-04	1.66E-04	1.70E-04	1.74E-04	1.78E-04	1.82E-04	1.86E-04	1.90E-04
acrolein	3.59E-08	2.83E-05	2.17E-05	5.74E-06	3.13E-06	1.46E-06	5.32E-06	2.43E-06	3.95E-07	1.06E-06	8.73E-07	7.06E-07	3.35E-07	4.78E-08	3.29E-05	3.14E-05	2.99E-05	2.83E-05	2.68E-05	2.53E-05	2.38E-05	2.22E-05	2.07E-05	1.92E-05	1.76E-05	1.61E-05
benzene	2.71E-05	4.22E-03	6.40E-03	2.65E-03	8.46E-04	4.59E-04	6.76E-04	3.38E-04	2.85E-04	6.38E-04	5.64E-04	4.42E-04	2.06E-04	3.21E-05	6.46E-04	6.19E-04	5.92E-04	5.65E-04	5.38E-04	5.10E-04	4.83E-04	4.56E-04	4.29E-04	4.02E-04	3.75E-04	3.48E-04
cumene	2.67E-07	3.94E-05	6.19E-05	2.59E-05	8.15E-06	4.45E-06	6.23E-06	3.14E-06	2.81E-06	6.28E-06	5.56E-06	4.35E-06	2.03E-06	3.16E-07	3.19E-06	3.08E-06	2.96E-06	2.84E-06	2.72E-06	2.60E-06	2.48E-06	2.36E-06	2.24E-06	2.12E-06	2.00E-06	1.88E-06
cyclohexane	5.66E-07	1.89E-04	1.93E-04	6.52E-05	2.66E-05	1.34E-05	3.38E-05	1.59E-05	6.03E-06	1.43E-05	1.23E-05	9.77E-06	4.58E-06	6.94E-07	1.56E-04	1.49E-04	1.42E-04	1.34E-04	1.27E-04	1.20E-04	1.13E-04	1.06E-04	9.83E-05	9.11E-05	8.39E-05	7.67E-05
ethylbenzene	4.38E-06	8.00E-04	1.10E-03	4.40E-04	1.47E-04	7.87E-05	1.32E-04	6.48E-05	4.62E-05	1.04E-04	9.20E-05	7.22E-05	3.37E-05	5.22E-06	2.70E-04	2.58E-04	2.45E-04	2.33E-04	2.21E-04	2.09E-04	1.97E-04	1.85E-04	1.73E-04	1.61E-04	1.49E-04	1.37E-04
ethylene	1.92E-04	2.79E-02	4.41E-02	1.85E-02	5.81E-03	3.17E-03	4.39E-03	2.22E-03	2.02E-03	4.50E-03	3.98E-03	3.12E-03	1.46E-03	2.27E-04	1.76E-03	1.70E-03	1.64E-03	1.58E-03	1.52E-03	1.45E-03	1.39E-03	1.33E-03	1.27E-03	1.21E-03	1.15E-03	1.09E-03
formaldehyde	1.95E-04	2.74E-02	4.43E-02	1.88E-02	5.82E-03	3.19E-03	4.29E-03	2.17E-03	2.05E-03	4.56E-03	4.04E-03	3.16E-03	1.48E-03	2.30E-04	1.78E-03	1.72E-03	1.64E-03	1.57E-03	1.50E-03	1.43E-03	1.36E-03	1.29E-03	1.22E-03	1.15E-03	1.08E-03	1.01E-03
hexane, n-isoprene, except from vegetation	2.55E-06	6.42E-04	7.46E-04	2.74E-04	1.01E-04	5.24E-05	1.11E-04	5.31E-05	2.71E-05	6.25E-05	5.45E-05	4.30E-05	2.01E-05	3.08E-06	4.06E-04	3.87E-04	3.69E-04	3.50E-04	3.31E-04	3.13E-04	2.94E-04	2.75E-04	2.57E-04	2.38E-04	2.20E-04	2.01E-04
emission sources	3.91E-08	3.09E-05	2.37E-05	6.26E-06	3.42E-06	1.59E-06	5.81E-06	2.65E-06	4.31E-07	1.16E-06	9.52E-07	7.70E-07	3.65E-07	5.22E-08	3.59E-05	3.43E-05	3.26E-05	3.09E-05	2.93E-05	2.76E-05	2.59E-05	2.42E-05	2.26E-05	2.09E-05	1.92E-05	1.76E-05
methyl alcohol	4.29E-07	8.10E-05	1.10E-04	4.33E-05	1.46E-05	7.80E-06	1.35E-05	6.58E-06	4.52E-06	1.02E-05	9.01E-06	7.07E-06	3.31E-06	5.11E-07	3.02E-05	2.89E-05	2.75E-05	2.62E-05	2.48E-05	2.34E-05	2.21E-05	2.07E-05	1.93E-05	1.80E-05	1.66E-05	1.53E-05
methyl ethyl ketone	1.95E-05	2.73E-03	4.44E-03	1.88E-03	5.82E-04	3.20E-04	4.28E-04	2.16E-04	2.06E-04	4.58E-04	4.05E-04	3.17E-04	1.48E-04	2.11E-05	2.08E-05	2.20E-05	2.32E-05	2.44E-05	2.56E-05	2.68E-05	2.80E-05	2.92E-05	3.05E-05	3.17E-05	3.29E-05	3.41E-05
naphthalene	1.20E-06	1.76E-04	2.77E-04	1.16E-04	3.65E-05	1.99E-05	2.80E-05	1.40E-05	1.25E-05	2.82E-05	2.50E-05	1.95E-05	9.13E-06	1.42E-06	1.29E-05	1.24E-05	1.19E-05	1.15E-05	1.10E-05	1.05E-05	1.01E-05	9.61E-06	9.15E-06	8.68E-06	8.21E-06	7.75E-06
propionaldehyde	1.28E-05	1.79E-03	2.91E-03	1.23E-03	3.82E-04	2.10E-04	2.80E-04	1.42E-04	1.35E-04	3.00E-04	2.66E-04	2.08E-04	9.71E-05	1.51E-05	1.87E-05	1.92E-05	1.98E-05	2.04E-05	2.09E-05	2.15E-05	2.20E-05	2.26E-05	2.31E-05	2.37E-05	2.42E-05	2.48E-05
propylene	3.52E-05	5.46E-03	8.30E-03	3.44E-03	1.10E-03	5.95E-04	8.72E-04	4.36E-04	3.70E-04	8.29E-04	7.33E-04	5.74E-04	2.68E-04	4.17E-05	8.02E-04	7.68E-04	7.35E-04	7.01E-04	6.68E-04	6.34E-04	6.01E-04	5.67E-04	5.34E-04	5.01E-04	4.67E-04	4.34E-04
styrene	8.25E-07	1.36E-04	1.99E-04	8.14E-05	2.64E-05	1.43E-05	2.21E-05	1.10E-05	8.69E-06	1.95E-05	1.72E-05	1.35E-05	6.31E-06	9.79E-07	3.05E-05	2.92E-05	2.79E-05	2.66E-05	2.52E-05	2.39E-05	2.26E-05	2.12E-05	1.99E-05	1.86E-05	1.72E-05	1.59E-05
toluene	2.10E-05	3.96E-03	5.36E-03	2.12E-03	7.17E-04	3.82E-04	6.58E-04	3.22E-04	2.22E-04	5.01E-04	4.41E-04	3.46E-04	1.62E-04	2.50E-05	1.47E-03	1.41E-03	1.34E-03	1.27E-03	1.21E-03	1.14E-03	1.08E-03	1.01E-03	9.42E-04	8.76E-04	8.10E-04	7.43E-04
xylyne (total)	1.52E-05	2.98E-03	3.95E-03	1.55E-03	5.29E-04	2.80E-04	4.99E-04	2.43E-04	1.60E-04	3.64E-04	3.20E-04	2.51E-04	1.17E-04	1.81E-05	1.23E-03	1.17E-03	1.12E-03	1.06E-03	1.01E-03	9.51E-04	8.96E-04	8.40E-04	7.84E-04	7.29E-04	6.73E-04	6.18E-04
aluminum	2.02E-04	1.37E-02	1.41E-02	1.45E-02	7.03E-03	4.19E-03	4.33E-03	4.65E-03	2.25E-03	2.07E-03	2.14E-03	1.11E-03	2.40E-04	3.62E-05	1.10E-02	1.11E-02	1.12E-02	1.13E-02	1.13E-02	1.14E-02	1.14E-02	1.15E-02	1.16E-02	1.16E-02	1.17E-02	1.17E-02
ammonium ion	2.63E-06	2.86E-04	4.56E-04	2.05E-04	6.50E-05	3.45E-05	4.59E-05	2.60E-05	1.96E-05	3.73E-05	3.18E-05	2.29E-05	9.87E-06	1.55E-06	3.01E-04	3.02E-04	3.06E-04	3.07E-04	3.09E-04	3.11E-04	3.12E-04	3.14E-04	3.15E-04	3.17E-04	3.19E-04	3.19E-04
antimony	6.50E-08	5.54E-06	7.43E-06	4.82E-06	1.97E-06	1.13E-06	1.27E-06	6.19E-07	7.75E-07	7.28E-07	4.45E-07	1.49E-07	2.31E-08	7.01E-06	7.05E-06	7.09E-06	7.12E-06	7.16E-06	7.20E-06	7.24E-06	7.28E-06	7.31E-06	7.35E-06	7.39E-06	7.43E-06	7.43E-06
arsenic	5.47E-08	4.06E-06	4.41E-06	3.99E-06	1.89E-06	1.11E-06	1.22E-06	1.24E-06	5.97E-07	5.90E-07	5.95E-07	3.22E-07	8.03E-08	1.21E-08	1.79E-06	1.79E-06	1.80E-06	1.81E-06	1.82E-06	1.83E-06	1.84E-06	1.84E-06	1.85E-06	1.86E-06	1.87E-06	1.88E-06
barium	3.29E-06	1.30E-03	1.27E-03	4.76E-04	2.55E-04	1.32E-04	4.57E-04	2.53E-04	4.99E-05	1.10E-04	9.98E-05	7.42E-05	3.47E-05	4.83E-06	2.54E-03	2.55E-03	2.56E-03	2.56E-03	2.57E-03	2.57E-03	2.57E-03	2.58E-03	2.58E-03	2.59E-03	2.60E-03	2.60E-03
bromine	8.76E-08	8.22E-06	9.14E-06	6.77E-06	3.14E-06	1.81E-06	2.38E-06	2.11E-06	9.54E-07	1.07E-06	1.05E-06	6.09E-07	1.84E-07	2.47E-08	4.83E-06	4.78E-06	4.72E-06	4.67E-06	4.61E-06	4.56E-06	4.50E-06	4.45E-06	4.39E-06	4.34E-06	4.28E-06	4.23E-06
cadmium	1.10E-07	8.73E-06	1.09E-05	8.09E-06	3.52E-06	2.04E-06	2.23E-06	2.13E-06	1.11E-06	1.25E-06	1.21E-06	7.04E-07	2.10E-07	3.24E-08	3.11E-07	3.13E-07	3.15E-07	3.17E-07	3.19E-07	3.20E-07	3.22E-07	3.24E-07	3.26E-07	3.28E-07	3.30E-07	3.31E-07
chlorine	9.32E-06	8.29E-04	8.49E-04	7.16E-04	3.48E-04	2.03E-04	2.59E-04	2.41E-04	1.07E-04	1.09E-04	1.10E-04	6.09E-05	1.64E-05	2.04E-06	4.30E-04	4.22E-04	4.13E-04	4.05E-04	3.96E-04	3.87E-04	3.79E-04	3.70E-04	3.62E-04	3.53E-04	3.44E-04	3.36E-04
chromium (VI)	2.95E-08	3.24E-06	3.28E-06	2.39E-06	1.19E-06	6.82E-07	1.07E-06	8.79E-07	3.43E-07	3.91E-07	3.87E-07	2.27E-07	7.07E-08	1.01E-08	2.87E-06	2.87E-06	2.87E-06	2.88E-06	2.88E-06	2.88E-06	2.88E-06	2.89E-06	2.89E-06	2.89E-06	2.89E-06	2.89E-06
cobalt	2.95E-07	2.12E-05	2.22E-05	2.14E-05	1.03E-05	6.09E-06	6.53E-06	6.81E-06	3.27E-06	3.11E-06	3.18E-06	1.68E-06	3.91E-07	5.61E-08	4.03E-06	3.98E-06	3.93E-06	3.88E-06	3.82E-06	3.77E-06	3.72E-06	3.67E-06	3.61E-06	3.56E-06	3.51E-06	3.46E-06
copper	5.41E-07	2.65E-04	2.57E-04	9.01E-05	4.91E-05	2.50E-05	9.42E-05	5.06E-05	8.97E-06	2.18E-05	1.96E-05	1.49E-05	7.16E-06	9.92E-07	5.35E-04	5.36E-04	5.37E-04	5.38E-04	5.39E-04	5.40E-04	5.41E-04	5.42E-04	5.43E-04	5.44E-04	5.45E-04	5.46E-04
lead	1.52E-06	1.06E-04	1.11E-04	1.10E-04	5.28E-05	3.14E-05	3.30E-05	3.49E-05	1.68E-05	1.59E-05	1.62E-05	8.53E-06	1.93E-06	2.92E-07	1.66E-05	1.66E-05	1.67E-05	1.68E-05	1.69E-05	1.69E-05	1.70E-05	1.71E-05	1.72E-05	1.73E-05	1.74E-05	1.74E-05
manganese	2.51E-06	2.06E-04	2.12E-04	1.88E-04	9.16E-05	5.38E-05	6.60E-05	6.32E-05	2.83E-05	2.83E-05	2.87E-05															

Table 3-1.1  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Unmitigated Construction and 2024-2086 Operations - Lifetime Exposure - Adult Resident  
(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**RAGS F Equations**

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

Risk = IUR x EC

HQ = EC / REL

Where: HQ = Hazard Quotient  
IUR = Inhalation Unit Risk  
REL = Reference Exposure Level  
EC = Exposure Concentration  
AT = Averaging Time (for cancer or non-cancer)

TAC	Toxicity Criteria		Cancer Risk to Adult Resident																		Cancer Risks															
	EPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	Construction						Construction and Operations						Operation				Ops	Ops	Cancer Risk to 30-year Resident	Cancer Risk to 70-year Resident														
			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2046	2035 - 2086	18	18												
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC			
1,3-butadiene	3.00E-05	1.70E-04	6.19E-12	1.09E-09	1.54E-09	6.18E-10	2.04E-10	1.10E-10	1.79E-10	4.13E-10	3.76E-10	4.43E-10	4.11E-10	3.69E-10	3.00E-10	2.46E-10	2.24E-10	2.09E-10	1.95E-10	1.81E-10	1.99E-09	8.63E-09	9.11E-09	1.57E-08	9.11E-09	1.57E-08	8.63E-09	9.11E-09	1.57E-08	8.63E-09	9.11E-09	1.57E-08				
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC			
acetaldehyde	2.20E-06	2.70E-06	3.59E-12	5.03E-10	8.16E-10	3.46E-10	1.07E-10	5.88E-11	7.85E-11	4.52E-11	4.33E-11	8.98E-11	8.03E-11	6.43E-11	3.34E-11	1.05E-11	6.42E-12	6.57E-12	6.72E-12	6.87E-12	8.43E-11	3.65E-10	2.39E-09	2.67E-09	2.39E-09	2.67E-09	8.43E-11	3.65E-10	2.39E-09	2.67E-09	8.43E-11	3.65E-10	2.39E-09			
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC			
benzene	7.80E-06	2.90E-05	1.08E-11	1.68E-09	2.54E-09	1.05E-09	3.36E-10	1.82E-10	2.68E-10	3.91E-10	3.59E-10	4.89E-10	4.48E-10	3.89E-10	2.85E-10	2.05E-10	1.81E-10	1.70E-10	1.60E-10	1.49E-10	1.66E-09	7.19E-09	1.10E-08	1.65E-08	7.19E-09	1.10E-08	1.65E-08	7.19E-09	1.10E-08	1.65E-08	7.19E-09	1.10E-08	1.65E-08			
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC		
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC		
ethylbenzene	2.50E-06	2.50E-06	1.50E-13	2.74E-11	3.78E-11	1.51E-11	5.04E-12	2.69E-12	4.52E-12	1.15E-11	1.04E-11	1.20E-11	1.11E-11	1.00E-11	8.32E-12	6.93E-12	6.34E-12	5.92E-12	5.51E-12	5.10E-12	5.62E-11	2.43E-10	2.42E-10	4.29E-10	2.43E-10	2.42E-10	4.29E-10	5.62E-11	2.43E-10	2.42E-10	4.29E-10	5.62E-11	2.43E-10			
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC		
formaldehyde	1.30E-05	6.00E-06	1.60E-11	2.26E-09	3.64E-09	1.54E-09	4.78E-10	2.62E-10	3.53E-10	2.24E-10	2.13E-10	4.19E-10	3.76E-10	3.04E-10	1.65E-10	6.21E-11	4.28E-11	4.25E-11	4.22E-11	4.19E-11	4.99E-10	2.16E-09	1.10E-08	1.26E-08	2.16E-09	1.10E-08	1.26E-08	2.16E-09	1.10E-08	1.26E-08	2.16E-09	1.10E-08	1.26E-08			
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC		
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC		
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
naphthalene	3.40E-05	3.40E-05	5.60E-13	8.20E-11	1.29E-10	5.42E-11	1.70E-11	9.29E-12	1.29E-11	1.25E-11	1.17E-11	1.87E-11	1.70E-11	1.42E-11	9.16E-12	5.36E-12	4.48E-12	4.26E-12	4.04E-12	3.83E-12	4.33E-11	1.88E-10	4.54E-10	5.98E-10	1.88E-10	4.54E-10	5.98E-10	4.33E-11	1.88E-10	4.54E-10	5.98E-10	4.33E-11	1.88E-10			
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	4.30E-03	3.30E-03	2.47E-12	1.83E-10	1.99E-10	1.80E-10	8.54E-11	5.04E-11	5.53E-11	1.37E-10	1.08E-10	1.08E-10	1.09E-10	9.68E-11	8.62E-11	8.35E-11	8.33E-11	8.37E-11	8.41E-11	8.45E-11	1.02E-09	4.41E-09	2.84E-09	6.23E-09	4.41E-09	2.84E-09	6.23E-09	1.02E-09	4.41E-09	2.84E-09	6.23E-09	1.02E-09	4.41E-09	2.84E-09	6.23E-09	
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	1.80E-03	4.20E-03	6.34E-12	5.02E-10	6.28E-10	4.65E-10	2.02E-10	1.18E-10	1.28E-10	1.40E-10	8.20E-11	9.01E-11	8.79E-11	5.88E-11	3.05E-11	2.04E-11	1.86E-11	1.87E-11	1.89E-11	1.90E-11	2.29E-10	9.92E-10	2.86E-09	3.63E-09	9.92E-10	2.86E-09	3.63E-09	2.29E-10	9.92E-10	2.86E-09	3.63E-09	2.29E-10	9.92E-10	2.86E-09	3.63E-09	
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	1.20E-02	1.50E-01	6.06E-11	6.66E-09	6.73E-09	4.92E-09	2.43E-09	1.40E-09	2.20E-09	7.69E-09	6.60E-09	6.70E-09	6.37E-09	6.06E-09	5.94E-09	5.92E-09	5.93E-09	5.94E-09	5.94E-09	5.94E-09	7.13E-08	3.09E-07	1.66E-07	4.03E-07	3.09E-07	1.66E-07	4.03E-07	7.13E-08	3.09E-07	1.66E-07	4.03E-07	7.13E-08	3.09E-07	1.66E-07	4.03E-07	
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	1.20E-05	2.50E-13	1.74E-11	1.83E-11	1.80E-11	8.69E-12	5.16E-12	5.43E-12	8.46E-12	5.50E-12	5.35E-12	5.43E-12	4.18E-12	3.10E-12	2.85E-12	2.81E-12	2.82E-12	2.84E-12	2.85E-12	3.43E-11	1.49E-10	1.54E-10	2.68E-10	1.49E-10	1.54E-10	2.68E-10	3.43E-11	1.49E-10	1.54E-10	2.68E-10	3.43E-11	1.49E-10	1.54E-10	2.68E-10	
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	2.40E-04	2.60E-04	6.70E-13	9.74E-11	9.97E-11	5.96E-																														



Table 3-1.2  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Unmitigated Construction and 2024-2086 Operations - Lifetime Exposure - Child Resident  
(Based on Peak Location of Residential Cancer Risks)

**RAGS F Equations**

$$EC = (CA \times ET \times EF \times ED) / (AT)$$

$$Risk = IUR \times EC$$

$$HQ = EC / REL$$

Where: HQ = Hazard Quotient      EC = Exposure Concentration  
IUR = Inhalation Unit Risk      AT = Averaging Time (for cancer or non-cancer)  
REL = Reference Exposure Level

TAC	Toxicity Criteria		Cancer Risk to Child Resident								2019-2024	2019-2027		
	EPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	Construction					Construction and Operations				Cancer Risk to 6-Yr Child Resident	Cancer Risk to 9-Yr Child Resident	
			2019	2020	2021	2022	2023	2024	2025	2026	2027			
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	3.00E-05	1.70E-04	1.26E-09	1.74E-09	1.41E-09	8.40E-10	5.14E-11	1.22E-09	1.23E-09	1.28E-09	1.20E-09	6.52E-09	1.02E-08	
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	2.20E-06	2.70E-06	6.79E-10	9.32E-10	6.96E-10	4.35E-10	2.38E-11	2.61E-11	6.49E-11	1.25E-10	1.11E-10	2.79E-09	3.09E-09	
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	7.80E-06	2.90E-05	2.10E-09	2.89E-09	2.25E-09	1.37E-09	7.93E-11	9.75E-10	1.05E-09	1.19E-09	1.10E-09	9.66E-09	1.30E-08	
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	2.50E-06	2.50E-06	3.08E-11	4.27E-11	3.51E-11	2.07E-11	1.29E-12	3.47E-11	3.46E-11	3.57E-11	3.35E-11	1.65E-10	2.69E-10	
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	1.30E-05	6.00E-06	3.03E-09	4.16E-09	3.12E-09	1.94E-09	1.07E-10	1.95E-10	3.64E-10	6.28E-10	5.64E-10	1.25E-08	1.41E-08	
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	3.40E-05	3.40E-05	1.07E-10	1.47E-10	1.12E-10	6.92E-11	3.88E-12	2.33E-11	2.84E-11	3.69E-11	3.39E-11	4.63E-10	5.62E-10	
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	4.30E-03	3.30E-03	8.21E-10	1.16E-09	9.04E-10	6.31E-10	4.07E-10	5.22E-10	3.40E-10	3.24E-10	3.20E-10	4.45E-09	5.43E-09	
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	1.80E-03	4.20E-03	1.88E-09	2.63E-09	2.02E-09	1.40E-09	8.47E-10	5.48E-10	1.78E-10	1.55E-10	1.42E-10	9.33E-09	9.80E-09	
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	1.20E-02	1.50E-01	2.18E-08	3.07E-08	2.57E-08	1.72E-08	1.03E-08	2.70E-08	2.24E-08	2.21E-08	2.19E-08	1.33E-07	1.99E-07	
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	1.20E-05	8.48E-11	1.20E-10	9.32E-11	6.55E-11	4.31E-11	3.45E-11	1.50E-11	1.30E-11	1.26E-11	4.41E-10	4.82E-10	
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	2.40E-04	2.60E-04	2.45E-10	3.43E-10	3.04E-10	1.95E-10	1.07E-10	4.80E-10	4.33E-10	4.31E-10	4.29E-10	1.67E-09	2.97E-09	
non-phosphate phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	3.00E-04	3.00E-04	4.47E-07	5.59E-07	4.08E-07	2.46E-07	1.36E-08	6.25E-09	2.55E-08	5.37E-08	4.43E-08	1.68E-06	1.80E-06	
<b>TOTAL</b>			<b>4.8E-07</b>	<b>6.0E-07</b>	<b>4.5E-07</b>	<b>2.7E-07</b>	<b>2.6E-08</b>	<b>3.7E-08</b>	<b>5.2E-08</b>	<b>8.0E-08</b>	<b>7.0E-08</b>	<b>1.9E-06</b>	<b>2.1E-06</b>	

NA = Not Available  
NC = Not Calculated  
Source: CDM Smith, 2016

ug/m<sup>3</sup> = micrograms per cubic meter  
mg/kg-d = milligrams per kilogram day

Table 3-1.3  
**RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Unmitigated Construction and 2024-2086 Operations - Lifetime Exposure - School Child**  
**(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)**

Exposure Parameters	School Child																								
	Exposure Time	8 (hrs/day)																							
Exposure Duration	6 (years)																								
Exposure Frequency	200 (days/year)																								
Averaging Time (non-carcinogenic)	52560 (hrs)																								
Averaging Time (carcinogenic)	613200 (hrs)																								

TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )																									
	Construction															Operation by Year										
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1,2,4-trimethylbenzene	7.60E-06	2.82E-04	1.44E-03	1.99E-03	1.57E-03	9.48E-04	5.61E-05	1.79E-05	9.37E-05	2.17E-04	1.88E-04	1.50E-04	7.03E-05	1.09E-05	9.29E-04	8.88E-04	8.47E-04	8.06E-04	7.65E-04	7.24E-04	6.83E-04	6.41E-04	6.00E-04	5.59E-04	5.18E-04	4.77E-04
1,3-butadiene	2.80E-06	1.08E-04	5.40E-04	7.47E-04	6.06E-04	3.61E-04	2.21E-05	7.08E-06	3.43E-05	7.97E-05	6.91E-05	5.52E-05	2.58E-05	3.99E-06	5.18E-04	4.95E-04	4.71E-04	4.48E-04	4.25E-04	4.01E-04	3.78E-04	3.55E-04	3.31E-04	3.08E-04	2.85E-04	2.61E-04
2,2,4-trimethylpentane	4.95E-06	2.22E-04	1.03E-03	1.44E-03	1.28E-03	7.23E-04	4.95E-05	1.80E-05	5.97E-05	1.41E-04	1.21E-04	9.71E-05	4.54E-05	6.97E-06	2.18E-03	2.08E-03	1.98E-03	1.88E-03	1.78E-03	1.68E-03	1.58E-03	1.48E-03	1.38E-03	1.28E-03	1.18E-03	1.08E-03
acetaldehyde	1.01E-04	3.45E-03	1.84E-02	2.52E-02	1.88E-02	1.18E-02	6.45E-04	2.05E-04	1.25E-03	2.87E-03	2.50E-03	2.00E-03	9.32E-04	1.45E-04	5.00E-04	5.05E-04	5.09E-04	5.14E-04	5.19E-04	5.24E-04	5.29E-04	5.34E-04	5.39E-04	5.44E-04	5.49E-04	5.54E-04
acrolein	4.78E-08	4.59E-06	1.58E-05	2.31E-05	2.90E-05	1.38E-05	1.32E-06	4.31E-07	4.90E-07	1.34E-06	1.09E-06	8.85E-07	4.19E-07	5.98E-08	1.22E-04	1.17E-04	1.11E-04	1.05E-04	9.97E-05	9.40E-05	8.83E-05	8.26E-05	7.69E-05	7.12E-05	6.56E-05	5.99E-05
benzene	2.82E-05	1.02E-03	5.29E-03	7.28E-03	5.66E-03	3.45E-03	2.00E-04	6.37E-05	3.49E-04	8.05E-04	7.00E-04	5.59E-04	2.61E-04	4.05E-05	2.39E-03	2.29E-03	2.18E-03	2.08E-03	1.98E-03	1.87E-03	1.77E-03	1.67E-03	1.56E-03	1.46E-03	1.36E-03	1.25E-03
cumene	2.78E-07	9.77E-06	5.13E-05	7.05E-05	5.37E-05	3.32E-05	1.17E-06	5.95E-07	3.44E-06	7.92E-06	6.89E-06	5.51E-06	2.57E-06	3.99E-07	1.18E-05	1.13E-05	1.08E-05	1.04E-05	9.88E-06	9.41E-06	8.94E-06	8.47E-06	8.00E-06	7.53E-06	7.06E-06	6.59E-06
cyclohexane	6.36E-07	3.57E-05	1.50E-04	2.12E-04	2.14E-04	1.13E-04	8.84E-06	2.87E-06	7.42E-06	1.80E-05	1.53E-05	1.23E-05	5.78E-06	8.73E-07	5.80E-04	5.53E-04	5.26E-04	4.99E-04	4.72E-04	4.46E-04	4.19E-04	3.92E-04	3.65E-04	3.38E-04	3.12E-04	2.85E-04
ethylbenzene	4.62E-06	1.82E-04	9.01E-04	1.25E-03	1.03E-03	6.06E-04	3.77E-05	1.21E-05	5.67E-05	1.32E-04	1.14E-04	9.13E-05	4.27E-05	6.59E-06	1.00E-03	9.55E-04	9.10E-04	8.64E-04	8.19E-04	7.74E-04	7.29E-04	6.83E-04	6.38E-04	5.93E-04	5.48E-04	5.02E-04
ethylene	1.99E-04	6.95E-03	3.66E-02	5.03E-02	3.81E-02	2.36E-02	1.32E-03	4.20E-04	2.47E-03	5.67E-03	4.94E-03	3.94E-03	1.84E-03	2.86E-04	6.45E-03	6.21E-03	5.96E-03	5.72E-03	5.47E-03	5.23E-03	4.99E-03	4.74E-03	4.50E-03	4.25E-03	4.01E-03	3.76E-03
formaldehyde	2.02E-04	6.94E-03	3.69E-02	5.06E-02	3.79E-02	2.36E-02	1.30E-03	4.14E-04	2.51E-03	5.75E-03	5.01E-03	4.00E-03	1.87E-03	2.90E-04	1.96E-03	1.92E-03	1.89E-03	1.85E-03	1.82E-03	1.78E-03	1.75E-03	1.71E-03	1.68E-03	1.64E-03	1.61E-03	1.58E-03
hexane, n-	2.77E-06	1.31E-04	5.93E-04	8.31E-04	7.64E-04	4.24E-04	3.01E-05	9.73E-06	3.32E-05	7.88E-05	6.77E-05	5.43E-05	2.54E-05	3.88E-06	1.51E-03	1.44E-03	1.37E-03	1.30E-03	1.23E-03	1.16E-03	1.09E-03	1.02E-03	9.52E-04	8.83E-04	8.13E-04	7.44E-04
isoprene, except from vegetative emission sources	5.22E-08	5.01E-06	1.73E-05	2.52E-05	3.16E-05	1.50E-05	1.44E-06	4.70E-07	5.35E-07	1.46E-06	1.19E-06	9.65E-07	4.57E-07	6.52E-08	1.34E-04	1.27E-04	1.21E-04	1.15E-04	1.09E-04	1.03E-04	9.63E-05	9.01E-05	8.39E-05	7.77E-05	7.15E-05	6.53E-05
methyl alcohol	4.53E-07	1.82E-05	8.92E-05	1.24E-04	1.03E-04	6.04E-05	3.82E-06	1.22E-06	5.54E-06	1.29E-05	1.12E-05	8.94E-06	4.18E-06	6.42E-07	1.12E-04	1.07E-04	1.02E-04	9.69E-05	9.18E-05	8.67E-05	8.17E-05	7.66E-05	7.15E-05	6.64E-05	6.13E-05	5.62E-05
methyl ethyl ketone	2.02E-05	6.93E-04	3.69E-03	5.07E-03	3.78E-03	2.36E-03	1.29E-04	4.12E-05	2.52E-04	5.77E-04	5.03E-04	4.02E-04	1.88E-04	2.92E-05	6.91E-05	7.15E-05	7.40E-05	7.64E-05	7.89E-05	8.13E-05	8.38E-05	8.62E-05	8.87E-05	9.11E-05	9.36E-05	9.60E-05
naphthalene	1.25E-06	4.38E-05	2.30E-04	3.16E-04	2.40E-04	1.49E-04	8.34E-06	2.66E-06	1.55E-05	3.56E-05	3.10E-05	2.47E-05	1.16E-05	1.79E-06	6.47E-05	4.55E-05	4.37E-05	4.18E-05	3.99E-05	3.81E-05	3.62E-05	3.44E-05	3.25E-05	3.07E-05	2.88E-05	2.70E-05
propionaldehyde	1.33E-05	4.55E-04	2.42E-03	3.32E-03	2.48E-03	1.55E-03	8.50E-05	2.71E-05	1.65E-04	3.79E-04	3.30E-04	2.63E-04	1.23E-04	1.91E-05	6.41E-05	6.48E-05	6.55E-05	6.63E-05	6.70E-05	6.77E-05	6.85E-05	6.92E-05	6.99E-05	7.07E-05	7.14E-05	7.21E-05
propylene	3.66E-05	1.32E-03	6.85E-03	9.44E-03	7.32E-03	4.47E-03	2.58E-04	8.24E-05	4.53E-04	1.05E-03	9.08E-04	7.26E-04	3.39E-04	5.26E-05	2.96E-03	2.84E-03	2.71E-03	2.58E-03	2.45E-03	2.33E-03	2.20E-03	2.07E-03	1.94E-03	1.81E-03	1.69E-03	1.56E-03
styrene	8.63E-07	3.22E-05	1.64E-04	2.26E-04	1.80E-04	1.08E-04	6.43E-06	2.06E-06	1.06E-05	2.46E-05	2.14E-05	1.71E-05	7.98E-06	1.24E-06	1.13E-04	1.08E-04	1.03E-04	9.81E-05	9.31E-05	8.81E-05	8.30E-05	7.80E-05	7.30E-05	6.79E-05	6.29E-05	5.79E-05
toluene	2.22E-05	8.91E-04	4.36E-03	6.05E-03	5.04E-03	2.95E-03	1.87E-04	5.99E-05	2.72E-04	6.33E-04	5.47E-04	4.38E-04	2.05E-04	3.16E-05	6.47E-03	6.22E-03	4.97E-03	4.72E-03	4.47E-03	4.23E-03	3.98E-03	3.73E-03	3.48E-03	3.23E-03	2.98E-03	2.74E-03
xylene (total)	1.61E-05	6.61E-04	3.20E-03	4.45E-03	3.75E-03	2.18E-03	1.40E-04	4.51E-05	1.97E-04	4.59E-04	3.97E-04	3.18E-04	1.49E-04	2.29E-05	4.56E-03	4.36E-03	4.15E-03	3.94E-03	3.73E-03	3.52E-03	3.32E-03	3.11E-03	2.90E-03	2.69E-03	2.48E-03	2.28E-03
aluminum	1.27E-03	2.35E-02	6.91E-02	9.80E-02	7.59E-02	5.34E-02	3.55E-02	2.04E-02	4.25E-02	2.59E-02	2.26E-02	1.49E-02	3.22E-04	4.95E-05	3.94E-02	3.95E-02	3.97E-02	3.98E-02	3.99E-02	4.00E-02	4.01E-02	4.03E-02	4.04E-02	4.05E-02	4.06E-02	4.07E-02
ammonium ion	4.47E-06	1.11E-04	4.82E-04	6.23E-04	4.63E-04	2.92E-04	7.04E-05	3.74E-05	2.65E-05	4.71E-05	4.15E-05	3.12E-05	1.25E-05	1.94E-06	1.08E-03	1.08E-03	1.08E-03	1.09E-03	1.09E-03	1.09E-03	1.10E-03	1.10E-03	1.10E-03	1.11E-03	1.11E-03	1.11E-03
antimony	2.79E-07	5.46E-06	1.77E-05	2.45E-05	1.88E-05	1.29E-05	7.22E-06	4.11E-06	1.06E-06	9.73E-07	8.29E-07	5.81E-07	1.92E-07	2.97E-08	2.51E-05	2.52E-05	2.52E-05	2.53E-05	2.54E-05	2.55E-05	2.56E-05	2.57E-05	2.58E-05	2.58E-05	2.59E-05	2.59E-05
arsenic	3.24E-07	6.08E-06	1.82E-05	2.57E-05	2.00E-05	1.40E-05	9.01E-06	5.16E-06	1.11E-06	7.39E-07	6.41E-07	4.30E-07	1.07E-07	1.63E-08	6.39E-06	6.41E-06	6.42E-06	6.44E-06	6.45E-06	6.46E-06	6.48E-06	6.49E-06	6.51E-06	6.52E-06	6.54E-06	6.55E-06
barium	1.45E-05	4.42E-04	1.59E-03	2.19E-03	2.55E-03	1.38E-03	4.70E-04	2.43E-04	7.84E-05	1.45E-04	1.25E-04	9.92E-05	4.66E-05	6.63E-06	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.08E-03	9.08E-03	9.08E-03	9.08E-03	9.08E-03	9.08E-03
bromine	4.81E-07	9.34E-06	2.87E-05	4.02E-05	3.22E-05	2.19E-05	1.33E-05	7.58E-06	1.72E-06	1.34E-06	1.16E-06	8.05E-07	2.41E-07	3.78E-08	1.75E-05	1.73E-05	1.71E-05	1.68E-05	1.66E-05	1.64E-05	1.62E-05	1.59E-05	1.57E-05	1.55E-05	1.52E-05	1.50E-05
cadmium	5.49E-07	1.05E-05	3.27E-05	4.57E-05	3.51E-05	2.44E-05	1.47E-05	8.41E-06	1.98E-06	1.57E-06	1.34E-06	9.26E-07	2.73E-07	4.23E-08	1.11E-06	1.12E-06	1.12E-06	1.12E-06	1.13E-06	1.13E-06	1.13E-06	1.14E-06	1.14E-06	1.15E-06	1.15E-06	1.15E-06
chlorine	5.71E-05	1.09E-03	3.26E-03	4.61E-03	3.68E-03	2.53E-03	1.61E-03	9.18E-04	1.98E-04	1.37E-04	1.19E-04	8.11E-05	2.17E-05	3.42E-06	1.57E-03	1.54E-03	1.51E-03	1.47E-03	1.44E-03	1.41E-03	1.37E-03	1.34E-03	1.31E-03	1.27E-03	1.24E-03	1.21E-03
chromium (VI)	1.77E-07	3.48E-06	1.06E-05	1.49E-05	1.25E-05	8.35E-06	5.03E-06	2.86E-06	6.29E-07	4.96E-07	4.31E-07	3.03E-07	9.47E-08	1.40E-08	1.03E-05	1.03E-05	1.02E-05	1.02E-05	1.02E-05	1.02E-05	1.02E-05	1.02E-05	1.01E-05	1.01E-05	1.01E-05	1.01E-05
cobalt	1.81E-06	3.38E-05	1.00E-04	1.42E-04	1.10E-04	7.71E-05	5.06E-05	2.90E-05	6.13E-06	3.89E-06	3.38E-06	2.25E-06	5.20E-07	8.13E-08	1.47E-05	1.45E-05	1.42E-05	1.40E-05	1.38E-05	1.36E-05	1.34E-05	1.32E-05	1.29E-05	1.27E-05	1.25E-05	1.23E-05
copper	2.21E-06	7.77E-05	2.90E-04	3.96E-04	4.89E-04	2.56E-04	7.58E-05	3.78E-05	1.37E-05	2.88E-05	2.48E-05	1.99E-05	9.63E-06	1.36E-06	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03
lead	9.39E-06	1.75E-04	5.16E-04	7.31E-04	5.67E-04	3.98E-04	2.62E-04	1.51E-04	3.17E-05	1.98E-05	1.73E-05	1.14E-05	2.59E-06	3.96E-07	5.93E-05	5.94E-05	5.95E-05	5.97E-05	5.98E-05	5.99E-05	6.01E-05</					

Table 3-1.3  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Unmitigated Construction and 2024-2086 Operations - Lifetime Exposure - School Child  
(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**RAGS F Equations**

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

Risk = IUR x EC

HQ = EC / REL

Where: HQ = Hazard Quotient

IUR = Inhalation Unit Risk

REL = Reference Exposure Level

EC = Exposure Concentration

AT = Averaging Time (for cancer or non-cancer)

TAC	Toxicity Criteria		Cancer Risk to Adult Resident												2018-2023	2022-2030	2019-2030	
	EPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	Construction						Construction and Operations						Cancer Risk to 6-yr School Child	Cancer Risk to 9-yr School Child	Cancer Risk to 12-yr School Child	
			2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029				2030
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	3.00E-05	1.70E-04	4.79E-11	2.39E-10	3.31E-10	2.69E-10	1.60E-10	9.80E-12	2.33E-10	2.35E-10	2.44E-10	2.29E-10	2.13E-10	1.89E-10	1.69E-10	1.06E-09	1.68E-09	2.52E-09
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	2.20E-06	2.70E-06	2.43E-11	1.29E-10	1.77E-10	1.33E-10	8.28E-11	4.54E-12	4.96E-12	1.24E-11	2.38E-11	2.12E-11	1.77E-11	1.03E-11	4.75E-12	5.51E-12	1.82E-10	6.22E-10
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	7.80E-06	2.90E-05	7.74E-11	4.00E-10	5.51E-10	4.28E-10	2.61E-10	1.51E-11	1.86E-10	1.99E-10	2.26E-10	2.10E-10	1.92E-10	1.61E-10	1.37E-10	1.73E-09	1.59E-09	2.97E-09
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	2.50E-06	2.50E-06	1.19E-12	5.88E-12	8.14E-12	6.69E-12	3.95E-12	2.46E-13	6.60E-12	6.60E-12	6.79E-12	6.38E-12	5.94E-12	5.33E-12	4.80E-12	2.61E-11	4.66E-11	6.73E-11
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	1.30E-05	6.00E-06	1.09E-10	5.77E-10	7.92E-10	5.94E-10	3.70E-10	2.04E-11	3.71E-11	6.93E-11	1.20E-10	1.07E-10	9.11E-11	5.72E-11	3.19E-11	2.46E-09	9.04E-10	2.87E-09
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	3.40E-05	3.40E-05	3.88E-12	2.04E-11	2.81E-11	2.13E-11	1.32E-11	7.40E-13	4.44E-12	5.41E-12	7.03E-12	6.45E-12	5.74E-12	4.40E-12	3.37E-12	8.76E-11	5.08E-11	1.21E-10
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	4.30E-03	3.30E-03	5.23E-11	1.56E-10	2.21E-10	1.72E-10	1.20E-10	7.76E-11	9.95E-11	6.47E-11	6.17E-11	6.09E-11	5.92E-11	5.66E-11	5.59E-11	8.00E-10	6.56E-10	1.21E-09
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	1.80E-03	4.20E-03	1.15E-10	3.59E-10	5.01E-10	3.85E-10	2.67E-10	1.61E-10	1.04E-10	3.39E-11	2.95E-11	2.70E-11	2.25E-11	1.54E-11	1.29E-11	1.79E-09	6.74E-10	1.92E-09
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	1.20E-02	1.50E-01	1.36E-09	4.15E-09	5.85E-09	4.90E-09	3.27E-09	1.97E-09	5.14E-09	4.26E-09	4.20E-09	4.17E-09	4.11E-09	4.03E-09	3.99E-09	2.15E-08	3.51E-08	5.00E-08
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	1.20E-05	5.47E-12	1.62E-11	2.29E-11	1.78E-11	1.25E-11	8.22E-12	6.57E-12	2.85E-12	2.49E-12	2.41E-12	2.23E-12	1.96E-12	1.89E-12	8.30E-11	4.11E-11	9.79E-11
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	2.40E-04	2.60E-04	1.48E-11	4.66E-11	6.53E-11	5.79E-11	3.71E-11	2.03E-11	9.14E-11	8.25E-11	8.22E-11	8.17E-11	8.09E-11	7.97E-11	7.90E-11	2.42E-10	6.35E-10	8.04E-10
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	3.00E-04	3.00E-04	1.65E-08	8.50E-08	1.06E-07	7.78E-08	4.69E-08	2.58E-09	1.19E-09	4.86E-09	1.02E-08	8.43E-09	6.44E-09	3.02E-09	6.45E-10	3.35E-07	8.43E-08	3.54E-07
<b>TOTAL</b>			<b>1.8E-08</b>	<b>9.1E-08</b>	<b>1.1E-07</b>	<b>8.5E-08</b>	<b>5.2E-08</b>	<b>4.9E-09</b>	<b>7.1E-09</b>	<b>9.8E-09</b>	<b>1.5E-08</b>	<b>1.3E-08</b>	<b>1.1E-08</b>	<b>7.6E-09</b>	<b>5.1E-09</b>	<b>3.7E-07</b>	<b>1.3E-07</b>	<b>4.2E-07</b>

NA = Not Available  
NC = Not Calculated  
Source: CDM Smith, 2016

ug/m<sup>3</sup> = micrograms per cubic meter  
mg/kg-d = milligrams per kilogram day

Table 3-1.4  
**RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Unmitigated Construction and 2024-2086 Operations - Lifetime Exposure - Off-Airport Worker**  
 (Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)

Exposure Parameters	Adult Worker																									
	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )																									
	Construction										Operation by Year															
Exposure Time	8 (hrs/day)																									
Exposure Duration	25 (years)																									
Exposure Frequency	250 (days/year)																									
Averaging Time (non-carcinogenic)	219000 (hrs)																									
Averaging Time (carcinogenic)	613200 (hrs)																									
TAC	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1,2,4-trimethylbenzene	1.35E-05	7.87E-04	9.27E-03	2.87E-03	7.96E-04	3.19E-04	1.26E-04	5.26E-05	1.40E-04	3.22E-04	2.81E-04	2.23E-04	1.04E-04	1.62E-05	1.08E-03	1.04E-03	9.95E-04	9.51E-04	9.08E-04	8.65E-04	8.21E-04	7.78E-04	7.34E-04	6.91E-04	6.47E-04	6.04E-04
1,3-butadiene	4.98E-06	3.00E-04	3.53E-03	1.06E-03	3.03E-04	1.23E-04	5.00E-05	2.07E-05	5.15E-05	1.18E-04	1.03E-04	8.21E-05	3.84E-05	5.93E-06	6.05E-04	5.80E-04	5.55E-04	5.31E-04	5.06E-04	4.82E-04	4.57E-04	4.33E-04	4.08E-04	3.83E-04	3.59E-04	3.34E-04
2,2,4-trimethylpentane	8.79E-06	6.10E-04	7.10E-03	1.93E-03	6.10E-04	2.58E-04	1.14E-04	6.44E-05	8.94E-05	2.09E-04	1.81E-04	1.44E-04	6.75E-05	1.03E-05	2.55E-03	2.45E-03	2.34E-03	2.24E-03	2.13E-03	2.03E-03	1.92E-03	1.82E-03	1.71E-03	1.61E-03	1.50E-03	1.40E-03
acetaldehyde	1.79E-04	9.67E-03	1.15E-01	3.76E-02	9.84E-03	3.84E-03	1.42E-03	6.04E-04	1.87E-03	4.27E-03	3.73E-03	2.97E-03	1.38E-03	2.16E-04	4.65E-04	4.66E-04	4.66E-04	4.67E-04	4.68E-04	4.69E-04	4.70E-04	4.71E-04	4.72E-04	4.73E-04	4.74E-04	4.74E-04
acrolein	8.37E-08	1.22E-05	1.37E-04	2.22E-05	1.18E-05	5.73E-06	3.19E-06	1.23E-06	7.30E-07	1.99E-06	1.63E-06	1.32E-06	6.22E-07	8.37E-08	1.44E-04	1.38E-04	1.32E-04	1.26E-04	1.20E-04	1.14E-04	1.08E-04	1.02E-04	9.60E-05	9.00E-05	8.40E-05	7.81E-05
benzene	5.03E-05	2.86E-03	3.37E-02	1.06E-02	2.90E-03	1.15E-03	4.46E-04	1.87E-04	5.23E-04	1.20E-03	1.05E-03	8.31E-04	3.88E-04	6.03E-05	2.77E-03	2.66E-03	2.55E-03	2.44E-03	2.33E-03	2.22E-03	2.11E-03	2.00E-03	1.89E-03	1.78E-03	1.68E-03	1.57E-03
cumene	4.95E-07	2.74E-05	3.24E-04	1.04E-04	2.78E-05	1.09E-05	4.15E-06	1.75E-06	5.11E-06	1.18E-05	1.03E-05	8.18E-06	3.82E-06	5.95E-07	1.35E-05	1.30E-05	1.25E-05	1.20E-05	1.15E-05	1.09E-05	1.04E-05	9.94E-06	9.44E-06	8.93E-06	8.43E-06	7.92E-06
cyclohexane	1.13E-06	9.70E-05	1.11E-03	2.58E-04	9.58E-05	4.27E-05	2.09E-05	8.28E-06	2.29E-05	1.83E-05	8.58E-06	1.28E-06	6.80E-04	6.52E-04	6.23E-04	5.95E-04	5.67E-04	5.39E-04	5.11E-04	4.83E-04	4.55E-04	4.27E-04	3.98E-04	3.70E-04	3.42E-04	3.14E-04
ethylbenzene	8.23E-06	5.06E-04	5.93E-03	1.76E-03	5.09E-04	2.08E-04	8.56E-05	3.53E-05	8.49E-05	1.96E-04	1.70E-04	1.36E-04	6.34E-05	9.78E-06	1.17E-03	1.12E-03	1.07E-03	1.03E-03	9.78E-04	9.30E-04	8.83E-04	8.35E-04	7.87E-04	7.40E-04	6.92E-04	6.44E-04
ethylene	3.54E-04	1.95E-02	2.30E-01	7.46E-02	1.98E-02	7.77E-03	2.93E-03	1.24E-03	3.70E-03	8.43E-03	7.37E-03	5.86E-03	2.74E-03	4.26E-04	7.33E-03	7.07E-03	6.80E-03	6.54E-03	6.27E-03	6.01E-03	5.74E-03	5.48E-03	5.21E-03	4.95E-03	4.68E-03	4.42E-03
formaldehyde	3.59E-04	1.95E-02	2.31E-01	7.54E-02	1.98E-02	7.73E-03	2.88E-03	1.22E-03	3.76E-03	8.55E-03	7.43E-03	5.95E-03	2.78E-03	4.33E-04	2.05E-03	2.01E-03	1.96E-03	1.92E-03	1.87E-03	1.83E-03	1.78E-03	1.74E-03	1.69E-03	1.65E-03	1.60E-03	1.56E-03
hexane, n-	4.92E-06	3.60E-04	4.17E-03	1.09E-03	3.58E-04	1.54E-04	7.00E-05	2.82E-05	4.97E-05	1.17E-04	1.01E-04	8.06E-05	3.77E-05	5.73E-06	1.77E-03	1.69E-03	1.62E-03	1.55E-03	1.47E-03	1.40E-03	1.33E-03	1.26E-03	1.18E-03	1.11E-03	1.04E-03	9.65E-04
isoprene, except from vegetative emission sources	9.13E-08	1.33E-05	1.49E-04	2.42E-05	1.29E-05	6.25E-06	3.48E-06	1.34E-06	7.96E-07	2.17E-06	1.77E-06	1.44E-06	6.78E-07	9.13E-08	1.57E-04	1.50E-04	1.44E-04	1.37E-04	1.31E-04	1.24E-04	1.18E-04	1.11E-04	1.05E-04	9.82E-05	9.17E-05	8.52E-05
methyl alcohol	8.07E-07	5.05E-05	5.91E-04	1.73E-04	5.08E-05	2.08E-05	8.69E-06	3.58E-06	8.31E-06	1.92E-05	1.67E-05	1.33E-05	6.21E-06	9.57E-07	1.31E-04	1.26E-04	1.20E-04	1.15E-04	1.10E-04	1.04E-04	9.90E-05	9.37E-05	8.83E-05	8.29E-05	7.76E-05	7.22E-05
methyl ethyl ketone	3.61E-05	1.94E-03	2.31E-02	7.57E-03	1.98E-03	7.72E-04	2.86E-04	1.21E-04	3.77E-04	8.58E-04	6.75E-04	5.97E-04	2.79E-04	4.35E-05	5.66E-05	5.83E-05	6.00E-05	6.17E-05	6.34E-05	6.51E-05	6.68E-05	6.85E-05	7.02E-05	7.20E-05	7.37E-05	7.54E-05
naphthalene	2.22E-06	1.23E-04	1.45E-03	4.68E-04	1.24E-04	4.90E-05	1.85E-05	7.81E-06	2.32E-05	5.29E-05	4.62E-05	3.68E-05	1.72E-05	2.67E-06	5.41E-05	5.21E-05	5.01E-05	4.81E-05	4.61E-05	4.41E-05	4.21E-05	4.01E-05	3.81E-05	3.61E-05	3.41E-05	3.21E-05
propionaldehyde	2.37E-05	1.28E-03	1.51E-02	4.96E-03	1.30E-03	5.07E-04	1.88E-04	7.97E-05	2.47E-04	5.63E-04	4.92E-04	3.91E-04	1.83E-04	2.85E-05	5.91E-05	5.93E-05	5.95E-05	5.98E-05	6.00E-05	6.02E-05	6.04E-05	6.06E-05	6.08E-05	6.10E-05	6.12E-05	6.14E-05
propylene	6.53E-05	3.70E-03	4.37E-02	1.38E-02	3.75E-03	1.49E-03	5.77E-04	2.42E-04	6.80E-04	1.55E-03	1.36E-03	1.08E-03	5.04E-04	7.83E-05	3.44E-03	3.30E-03	3.16E-03	3.03E-03	2.89E-03	2.76E-03	2.62E-03	2.49E-03	2.35E-03	2.22E-03	2.08E-03	1.95E-03
styrene	1.54E-06	8.98E-05	1.06E-03	3.27E-04	9.09E-05	3.65E-05	1.45E-05	6.03E-06	1.59E-05	3.66E-05	3.19E-05	2.54E-05	1.19E-05	1.84E-06	1.32E-04	1.27E-04	1.21E-04	1.16E-04	1.11E-04	1.05E-04	1.00E-04	9.47E-05	8.94E-05	8.41E-05	7.88E-05	7.35E-05
toluene	3.95E-05	2.47E-03	2.89E-02	8.49E-03	2.49E-03	1.02E-03	4.25E-04	1.75E-04	4.07E-04	9.40E-04	8.17E-04	6.51E-04	3.04E-04	4.69E-05	6.39E-03	6.13E-03	5.87E-03	5.61E-03	5.35E-03	5.08E-03	4.82E-03	4.56E-03	4.30E-03	4.04E-03	3.78E-03	3.52E-03
xylene (total)	2.87E-05	1.83E-03	2.14E-02	6.19E-03	1.84E-03	7.59E-04	3.21E-04	1.32E-04	2.94E-04	6.82E-04	5.93E-04	4.72E-04	2.21E-04	3.39E-05	6.34E-03	6.12E-03	5.90E-03	5.68E-03	5.46E-03	5.24E-03	5.02E-03	4.81E-03	4.60E-03	4.40E-03	4.20E-03	3.99E-03
aluminum	4.61E-04	1.49E-02	7.97E-02	4.44E-02	3.43E-02	1.19E-02	7.31E-03	5.56E-03	4.41E-03	4.60E-03	4.12E-03	2.61E-03	5.64E-04	8.66E-05	5.43E-02	5.51E-02	5.59E-02	5.66E-02	5.74E-02	5.82E-02	5.89E-02	5.97E-02	6.05E-02	6.12E-02	6.20E-02	6.28E-02
ammonium ion	5.01E-06	2.27E-04	2.40E-03	7.97E-04	2.38E-04	8.57E-05	3.74E-05	1.94E-05	3.64E-05	7.13E-05	5.93E-05	4.40E-05	1.88E-05	2.92E-06	1.48E-03	1.50E-03	1.52E-03	1.55E-03	1.57E-03	1.59E-03	1.61E-03	1.63E-03	1.65E-03	1.67E-03	1.69E-03	1.71E-03
antimony	1.38E-07	5.13E-06	4.00E-05	1.66E-05	8.78E-06	3.09E-06	1.73E-06	1.22E-06	1.19E-06	1.60E-06	1.38E-06	9.44E-07	3.02E-07	4.68E-08	3.46E-05	3.50E-05	3.55E-05	3.60E-05	3.65E-05	3.70E-05	3.75E-05	3.80E-05	3.85E-05	3.90E-05	3.95E-05	3.99E-05
arsenic	1.23E-07	4.15E-06	2.52E-05	1.26E-05	9.07E-06	3.19E-06	1.93E-06	1.44E-06	1.17E-06	1.29E-06	1.15E-06	7.45E-07	1.82E-07	2.78E-08	8.81E-06	8.93E-06	9.04E-06	9.16E-06	9.28E-06	9.39E-06	9.51E-06	9.63E-06	9.74E-06	9.86E-06	9.98E-06	1.01E-05
barium	7.66E-06	6.78E-04	1.06E-02	2.07E-03	1.11E-03	5.25E-04	3.05E-04	1.49E-04	1.07E-04	2.54E-04	2.21E-04	1.74E-04	8.16E-05	1.14E-05	1.25E-02	1.27E-02	1.28E-02	1.29E-02	1.31E-02	1.32E-02	1.33E-02	1.35E-02	1.36E-02	1.37E-02	1.39E-02	1.40E-02
bromine	1.95E-07	7.33E-06	5.39E-05	2.23E-05	1.47E-05	5.31E-06	3.17E-06	2.24E-06	1.86E-06	2.30E-06	2.03E-06	1.36E-06	3.97E-07	5.98E-08	2.29E-05	2.29E-05	2.28E-05	2.28E-05	2.27E-05	2.27E-05	2.27E-05	2.26E-05	2.26E-05	2.25E-05	2.25E-05	2.24E-05
cadmium	2.40E-07	8.49E-06	5.94E-05	2.68E-05	1.62E-05	5.68E-06	3.30E-06	2.40E-06	2.16E-06	2.64E-06	2.31E-06	1.54E-06	4.42E-07	6.83E-08	1.53E-06	1.55E-06	1.57E-06	1.60E-06	1.62E-06	1.64E-06	1.66E-06	1.69E-06	1.71E-06	1.73E-06	1.75E-06	1.77E-06
chlorine	2.12E-05	7.68E-04	5.07E-03	2.28E-03	1.66E-03	6.00E-04	3.66E-04	2.65E-04	2.09E-04	2.40E-04	2.13E-04	1.40E-04	3.64E-05	5.45E-06	1.99E-03	1.97E-03	1.95E-03	1.93E-03	1.91E-03	1.88E-03	1.86E-03	1.84E-03	1.82E-03	1.80E-03	1.77E-03	1.75E-03
chromium (VI)	6.73E-08	2.67E-06	2.22E-05	8.04E-06	5.62E-06	2.11E-06	1.28E-06	8.75E-07	6.83E-07	8.75E-07	7.77E-07	5.31E-07	1.65E-07	2.41E-08	1.41E-05	1.42E-05	1.44E-05	1.45E-05	1.46E-05	1.47E-05	1.49E-05	1.50E-05	1.51E-05	1.53E-05	1.54E-05	1.55E-05
cobalt	6.69E-07	2.21E-05	1.25E-04	6.63E-05	4.98E-05	1.74E-05	1.06E-05	8.01E-06	6.40E-06	6.84E-06	6.11E-06	3.91E-06	8.94E-07	1.37E-07	1.90E-05	1.89E-05	1.88E-05	1.87E-05	1.86E-05	1.86E-05	1.85E-05	1.84E-05	1.83E-05	1.83E-05	1.83E-05	1.82E-05
copper	1.28E-06	1.33E-04	2.18E-03	4.06E-04	2.13E-04	7.03E-05	2.78E-05	1.95E-05	5.04E-05	4.39E-05	3.50E-05	1.69E-05	2.35E-06	2.64E-03	2.66E-03	2.69E-03	2.72E-03	2.75E-03	2.77E-03	2.80E-03	2.83E-03	2.86E-03	2.88E-03	2.91E-03	2.94E-03	2.97E-03
lead	3.46E-06	1.13E-04	6.31E-04	3.39E-04	2.56E-04	8.96E-05	5.47E-05	4.14E-05	3.30E-05	3.50E-05	3.13E-05	2.00E-05	4.50E-06	6.88E-07	8.17E-05	8.28E-05	8.38E-05	8.49E-05	8.60E-05	8.71E-05	8.82E-05	8.93E-05	9.04E-05	9.14E-05	9.	



# Construction

## 3-2 Mitigated

Table 3-2.1  
 RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Mitigated Construction and 2024-2086 Operations - Lifetime Exposure - Adult Resident  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

Exposure Parameters	Residential Adult	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )																								
		Construction															Operation by Year									
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
TAC																										
1,2,4-trimethylbenzene	3.07E-06	8.27E-05	3.36E-04	3.15E-04	1.99E-04	1.85E-04	2.45E-05	6.28E-06	1.52E-04	3.31E-04	2.91E-04	2.38E-04	1.10E-04	1.70E-05	2.81E-03	2.69E-03	2.58E-03	2.46E-03	2.35E-03	2.23E-03	2.12E-03	2.00E-03	1.88E-03	1.77E-03	1.65E-03	1.54E-03
1,3-butadiene	1.17E-06	3.36E-05	1.31E-04	1.24E-04	8.25E-05	7.38E-05	9.88E-06	2.56E-06	5.63E-05	1.24E-04	1.09E-04	8.91E-05	4.13E-05	6.31E-06	1.57E-03	1.50E-03	1.44E-03	1.37E-03	1.31E-03	1.24E-03	1.18E-03	1.11E-03	1.05E-03	9.80E-04	9.15E-04	8.50E-04
2,2,4-trimethylpentane	2.38E-06	8.19E-05	2.82E-04	2.74E-04	2.14E-04	1.71E-04	2.36E-05	6.30E-06	1.03E-04	2.36E-04	2.04E-04	1.67E-04	7.77E-05	1.16E-05	6.60E-03	6.33E-03	6.05E-03	5.77E-03	5.49E-03	5.21E-03	4.93E-03	4.65E-03	4.38E-03	4.10E-03	3.82E-03	3.54E-03
acetaldehyde	3.78E-05	8.84E-04	3.98E-03	3.66E-03	2.00E-03	2.08E-03	2.68E-04	6.65E-05	1.97E-03	4.23E-03	3.74E-03	3.07E-03	1.42E-03	2.21E-04	1.40E-03	1.39E-03	1.39E-03	1.38E-03	1.37E-03	1.36E-03	1.35E-03	1.35E-03	1.34E-03	1.34E-03	1.34E-03	1.33E-03
acrolein	4.78E-08	2.60E-06	6.80E-06	7.04E-06	7.49E-06	4.87E-06	7.18E-07	2.03E-07	1.30E-06	3.58E-06	2.89E-06	2.38E-06	1.12E-06	1.44E-07	3.71E-04	3.55E-04	3.40E-04	3.24E-04	3.08E-04	2.92E-04	2.77E-04	2.61E-04	2.45E-04	2.29E-04	2.13E-04	1.98E-04
benzene	1.12E-05	2.88E-04	1.21E-03	1.13E-03	6.81E-04	6.55E-04	8.60E-05	2.18E-05	5.60E-04	1.22E-03	1.07E-03	8.78E-04	4.06E-04	6.28E-05	7.21E-03	6.92E-03	6.63E-03	6.34E-03	6.04E-03	5.75E-03	5.46E-03	5.17E-03	4.88E-03	4.58E-03	4.29E-03	4.00E-03
cumene	1.07E-07	2.63E-06	1.14E-05	1.06E-05	6.07E-06	6.07E-06	7.89E-07	1.98E-07	5.47E-06	1.18E-05	1.04E-05	8.55E-06	3.95E-06	6.14E-07	3.53E-05	3.40E-05	3.26E-05	3.13E-05	2.99E-05	2.86E-05	2.72E-05	2.58E-05	2.45E-05	2.31E-05	2.18E-05	2.04E-05
cyclohexane	3.80E-07	1.59E-05	4.83E-05	4.82E-05	4.35E-05	3.14E-05	4.48E-06	1.23E-06	1.42E-05	2.89E-05	2.37E-05	1.11E-05	1.58E-06	1.76E-03	1.68E-03	1.61E-03	1.53E-03	1.46E-03	1.38E-03	1.31E-03	1.24E-03	1.16E-03	1.09E-03	1.01E-03	9.38E-04	
ethylbenzene	1.97E-06	5.80E-05	2.22E-04	2.11E-04	1.44E-04	1.27E-04	1.70E-05	4.43E-06	9.35E-05	2.07E-04	1.81E-04	1.48E-04	6.88E-05	1.05E-05	3.03E-03	2.90E-03	2.78E-03	2.65E-03	2.52E-03	2.40E-03	2.27E-03	2.14E-03	2.02E-03	1.89E-03	1.76E-03	1.64E-03
ethylene	6.90E-05	1.85E-03	8.09E-03	7.48E-03	4.24E-03	4.28E-03	5.56E-04	1.39E-04	3.91E-03	8.43E-03	7.44E-03	6.11E-03	2.82E-03	4.39E-04	1.93E-02	1.86E-02	1.79E-02	1.72E-02	1.65E-02	1.57E-02	1.50E-02	1.43E-02	1.36E-02	1.29E-02	1.22E-02	1.14E-02
formaldehyde	7.59E-05	1.79E-03	8.01E-03	7.38E-03	4.06E-03	4.20E-03	5.41E-04	1.35E-04	3.95E-03	8.49E-03	7.50E-03	6.16E-03	2.85E-03	4.44E-04	5.70E-03	5.56E-03	5.43E-03	5.29E-03	5.16E-03	5.02E-03	4.88E-03	4.75E-03	4.61E-03	4.48E-03	4.34E-03	4.21E-03
hexane, n-	1.41E-06	5.10E-05	1.70E-04	1.66E-04	1.35E-04	1.42E-04	1.46E-05	3.93E-06	5.85E-05	1.36E-04	1.17E-04	9.58E-05	4.46E-05	6.57E-06	4.57E-03	4.38E-03	4.18E-03	3.99E-03	3.80E-03	3.60E-03	3.41E-03	3.22E-03	3.02E-03	2.83E-03	2.64E-03	2.42E-03
isoprene, except from vegetative emission sources	5.22E-08	2.83E-06	7.42E-06	7.68E-06	8.17E-06	5.31E-06	7.83E-07	2.22E-07	1.42E-06	3.90E-06	3.16E-06	2.60E-06	1.23E-06	1.57E-07	4.05E-04	3.88E-04	3.71E-04	3.53E-04	3.36E-04	3.19E-04	3.02E-04	2.84E-04	2.67E-04	2.50E-04	2.33E-04	2.16E-04
methyl alcohol	1.97E-07	5.94E-06	2.24E-05	2.13E-05	1.49E-05	1.29E-05	1.74E-06	4.55E-07	9.21E-06	2.05E-05	1.79E-05	1.47E-05	6.80E-06	1.03E-06	3.40E-04	3.26E-04	3.11E-04	2.97E-04	2.83E-04	2.69E-04	2.54E-04	2.40E-04	2.26E-04	2.12E-04	1.98E-04	1.83E-04
methyl ethyl ketone	7.59E-06	1.77E-04	7.99E-04	7.35E-04	4.00E-04	4.17E-04	5.37E-05	1.33E-05	3.96E-04	8.51E-04	7.52E-04	6.17E-04	2.85E-04	4.45E-05	1.86E-04	1.97E-04	1.91E-04	1.94E-04	1.97E-04	2.00E-04	2.03E-04	2.06E-04	2.11E-04	2.14E-04	2.17E-04	2.17E-04
naphthalene	4.78E-07	1.17E-05	5.10E-05	4.72E-05	2.70E-05	2.71E-05	3.52E-06	8.83E-07	2.46E-05	5.30E-05	4.67E-05	3.84E-05	1.77E-05	2.76E-06	1.42E-04	1.37E-04	1.31E-04	1.26E-04	1.21E-04	1.15E-04	1.10E-04	1.04E-04	9.90E-05	9.37E-05	8.83E-05	8.29E-05
propionaldehyde	4.98E-06	1.17E-04	5.25E-04	4.83E-04	2.64E-04	2.74E-04	4.83E-05	7.88E-06	2.60E-04	5.58E-04	4.93E-04	4.05E-04	1.87E-04	2.92E-05	1.79E-04	1.78E-04	1.78E-04	1.77E-04	1.77E-04	1.76E-04	1.75E-04	1.75E-04	1.74E-04	1.74E-04	1.73E-04	1.73E-04
propylene	1.44E-05	3.72E-04	1.56E-03	1.46E-03	8.77E-04	8.46E-04	1.11E-04	2.82E-05	7.26E-04	1.58E-03	1.39E-03	1.14E-03	5.27E-04	8.15E-05	8.95E-03	8.59E-03	8.22E-03	7.86E-03	7.50E-03	7.14E-03	6.78E-03	6.42E-03	6.06E-03	5.69E-03	5.33E-03	4.97E-03
styrene	3.51E-07	9.53E-06	3.85E-05	3.62E-05	2.30E-05	2.13E-05	2.82E-06	7.24E-07	1.72E-05	3.77E-05	3.31E-05	2.72E-05	1.26E-05	1.93E-06	3.42E-04	3.28E-04	3.14E-04	3.00E-04	2.86E-04	2.72E-04	2.58E-04	2.43E-04	2.29E-04	2.15E-04	2.01E-04	1.87E-04
toluene	9.65E-06	2.91E-04	1.09E-03	1.04E-03	7.28E-04	6.29E-04	8.50E-05	2.22E-05	4.51E-04	1.00E-03	8.74E-04	7.18E-04	3.33E-04	5.05E-05	1.66E-02	1.59E-02	1.52E-02	1.45E-02	1.38E-02	1.31E-02	1.24E-02	1.17E-02	1.10E-02	1.03E-02	9.62E-03	8.93E-03
xylene (total)	7.15E-06	2.22E-04	8.18E-04	7.81E-04	5.60E-04	4.75E-04	6.46E-05	1.70E-05	3.29E-04	7.35E-04	6.40E-04	5.26E-04	2.24E-04	3.69E-05	1.38E-02	1.32E-02	1.27E-02	1.21E-02	1.15E-02	1.09E-02	1.03E-02	9.76E-03	9.18E-03	8.60E-03	8.02E-03	7.44E-03
aluminum	3.35E-04	4.62E-03	1.52E-02	1.49E-02	1.21E-02	1.70E-02	5.32E-03	3.04E-03	5.09E-03	6.67E-03	5.28E-03	3.86E-03	9.25E-04	1.41E-04	1.06E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.09E-01	1.09E-01	1.09E-01
ammonium ion	8.97E-07	1.44E-05	5.63E-05	5.14E-05	3.44E-05	4.39E-05	1.11E-05	5.62E-06	2.59E-05	4.85E-05	4.24E-05	3.35E-05	1.42E-05	2.21E-06	2.90E-03	2.91E-03	2.92E-03	2.92E-03	2.93E-03	2.94E-03	2.95E-03	2.95E-03	2.96E-03	2.97E-03	2.97E-03	2.98E-03
antimony	7.07E-08	9.95E-07	3.37E-06	3.27E-06	2.57E-06	3.57E-06	1.09E-06	6.14E-07	1.20E-06	1.73E-06	1.41E-06	1.06E-06	3.18E-07	4.90E-08	6.77E-05	6.78E-05	6.80E-05	6.82E-05	6.83E-05	6.85E-05	6.87E-05	6.88E-05	6.90E-05	6.92E-05	6.93E-05	6.95E-05
arsenic	8.55E-08	1.20E-06	3.94E-06	3.87E-06	3.14E-06	4.37E-06	1.36E-06	7.72E-07	1.33E-06	1.81E-06	1.44E-06	1.07E-06	2.78E-07	4.21E-08	1.72E-05	1.73E-05	1.73E-05	1.73E-05	1.74E-05	1.74E-05	1.74E-05	1.74E-05	1.75E-05	1.75E-05	1.75E-05	1.76E-05
barium	5.02E-06	1.48E-04	4.67E-04	4.39E-04	4.40E-04	4.04E-04	1.02E-04	4.52E-05	1.67E-04	4.51E-04	3.83E-04	3.19E-04	1.54E-04	2.17E-05	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.43E-02
bromine	1.27E-07	1.90E-06	6.24E-06	6.10E-06	5.06E-06	6.72E-06	2.05E-06	1.14E-06	2.12E-06	3.15E-06	2.54E-06	1.92E-06	5.87E-07	8.82E-08	4.95E-05	4.88E-05	4.82E-05	4.76E-05	4.69E-05	4.63E-05	4.57E-05	4.50E-05	4.44E-05	4.38E-05	4.31E-05	4.25E-05
cadmium	1.42E-07	1.98E-06	6.60E-06	6.44E-06	5.14E-06	7.18E-06	2.21E-06	1.25E-06	2.30E-06	3.18E-06	2.56E-06	1.90E-06	5.28E-07	8.09E-08	3.00E-06	3.01E-06	3.02E-06	3.03E-06	3.04E-06	3.05E-06	3.06E-06	3.07E-06	3.07E-06	3.07E-06	3.08E-06	3.09E-06
chlorine	1.52E-05	2.25E-04	7.34E-04	7.21E-04	6.00E-04	8.03E-04	2.46E-04	1.38E-04	2.45E-04	3.52E-04	2.82E-04	2.10E-04	6.03E-05	9.07E-06	4.55E-03	4.46E-03	4.37E-03	4.28E-03	4.18E-03	4.09E-03	4.00E-03	3.91E-03	3.82E-03	3.73E-03	3.64E-03	3.55E-03
chromium (VI)	4.81E-08	7.55E-07	2.46E-06	2.39E-06	2.04E-06	2.62E-06	7.91E-07	4.36E-07	1.36E-06	1.10E-06	8.52E-07	2.92E-07	4.26E-08	2.78E-08	2.78E-05	2.77E-05	2.76E-05	2.76E-05	2.76E-05	2.75E-05	2.75E-05	2.74E-05	2.73E-05	2.73E-05	2.73E-05	2.72E-05
cobalt	4.78E-07	6.67E-06	2.19E-05	2.15E-05	1.75E-05	2.44E-05	7.61E-06	4.33E-06	7.36E-06	9.79E-06	7.77E-06	5.71E-06	1.42E-06	2.16E-07	4.17E-05	4.12E-05	4.06E-05	4.00E-05	3.94E-05	3.88E-05	3.82E-05	3.76E-05	3.70E-05	3.64E-05	3.58E-05	3.53E-05
copper	8.39E-07	2.84E-05	8.91E-05	8.34E-05	8.55E-05	7.43E-05	1.81E-05	7.56E-06	3.19E-05	9.12E-05	7.78E-05	6.52E-05	3.21E-05	4.52E-06	5.16E-03	5.16E-03	5.16E-03	5.15E-03	5.15E-03	5.14E-03	5.13E-03	5.13E-03	5.12E-03	5.12E-03	5.11E-03	5.11E-03
lead	2.48E-06	3.44E-05	1.13E-04	1.11E-04	9.00E-05	1.26E-04	3.94E-05	2.25E-05	6.80E-05	5.03E-05	3.99E-05	2.93E-05	7.20E-06	1.09E-06	1.60E-04	1.60E-04	1.60E-04	1.61E-04	1.61E-04	1.61E-04	1.61E-04	1.62E-04	1.62E-04	1.62E-04	1.63E-04	1.63E-04
manganese	4.12E-06	5.93E-05	1.94E-04	1.90																						

Table 3-2.1  
 RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Mitigated Construction and 2024-2086 Operations - Lifetime Exposure - Adult Resident  
 (Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**RAGS F Equations**

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

Risk = IUR x EC

HQ = EC / REL

Where: HQ = Hazard Quotient

EC = Exposure Concentration

IUR = Inhalation Unit Risk

AT = Averaging Time (for cancer or non-cancer)

REL = Reference Exposure Level

TAC	Toxicity Criteria		Cancer Risk to Adult Resident																		Cancer Risks							
	EPA Inhalation Unit Risk (ug/m <sup>3</sup> -y)	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> -y)	Construction							Construction and Operations						Operation				Ops	Ops	Cancer Risk to Resident	Cancer Risk to 70-year Resident					
			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2046	2035 - 2086						
			18																		Resident	Resident						
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
1,3-butadiene	3.00E-05	1.70E-04	2.73E-12	7.82E-11	3.05E-10	2.88E-10	1.92E-10	1.72E-10	2.30E-11	3.66E-09	3.63E-09	3.64E-09	3.45E-09	3.25E-09	2.99E-09	2.75E-09	2.59E-09	2.43E-09	2.28E-09	2.13E-09	2.37E-08	1.03E-07	5.76E-08	1.37E-07	NC	NC	NC	NC
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	2.20E-06	2.70E-06	1.40E-12	3.27E-11	1.47E-10	1.35E-10	7.39E-11	7.68E-11	9.90E-12	5.41E-11	1.24E-10	2.08E-10	1.89E-10	1.64E-10	1.03E-10	5.85E-11	5.01E-11	4.99E-11	4.97E-11	4.94E-11	5.90E-10	2.56E-09	2.17E-09	4.14E-09	NC	NC	NC	NC
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	7.80E-06	2.90E-05	4.43E-12	1.15E-10	4.80E-10	4.47E-10	2.71E-10	2.60E-10	3.42E-11	2.87E-09	2.97E-09	3.12E-09	2.94E-09	2.75E-09	2.45E-09	2.19E-09	2.05E-09	1.94E-09	1.82E-09	1.70E-09	1.91E-08	8.26E-08	4.75E-08	1.11E-07	NC	NC	NC	NC
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	2.50E-06	2.50E-06	6.76E-14	1.99E-12	7.61E-12	7.22E-12	4.94E-12	4.33E-13	5.83E-13	1.04E-10	1.03E-10	1.02E-10	9.69E-11	9.15E-11	8.44E-11	7.81E-11	7.34E-11	6.91E-11	6.47E-11	6.04E-11	6.73E-10	2.92E-09	1.63E-09	3.87E-09	NC	NC	NC	NC
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	1.30E-05	6.00E-06	6.24E-12	1.47E-10	6.59E-10	6.07E-10	3.33E-10	3.45E-10	4.45E-11	4.79E-10	7.82E-10	1.14E-09	1.05E-09	9.30E-10	6.46E-10	4.38E-10	3.90E-10	3.79E-10	3.68E-10	3.57E-10	4.15E-09	1.80E-08	1.33E-08	2.71E-08	NC	NC	NC	NC
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	3.40E-05	3.40E-05	2.23E-13	5.45E-12	2.38E-11	2.20E-11	1.26E-11	1.26E-11	1.64E-12	6.66E-11	7.51E-11	8.59E-11	8.05E-11	7.40E-11	6.19E-11	5.24E-11	4.86E-11	4.61E-11	4.36E-11	4.11E-11	4.63E-10	2.01E-09	1.22E-09	2.76E-09	NC	NC	NC	NC
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	4.30E-03	3.30E-03	3.87E-12	5.41E-11	1.78E-10	1.75E-10	1.42E-10	1.98E-10	6.14E-11	8.15E-10	8.41E-10	8.64E-10	8.49E-10	8.33E-10	7.99E-10	7.89E-10	7.89E-10	7.90E-10	7.91E-10	7.92E-10	9.53E-09	4.13E-08	1.93E-08	5.10E-08	NC	NC	NC	NC
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	1.80E-03	4.20E-03	8.15E-12	1.14E-10	3.80E-10	3.71E-10	2.96E-10	4.13E-10	1.27E-10	2.45E-10	3.05E-10	3.56E-10	3.22E-10	2.84E-10	2.05E-10	1.80E-10	1.78E-10	1.78E-10	1.77E-10	1.77E-10	2.13E-09	9.24E-09	6.45E-09	1.36E-08	NC	NC	NC	NC
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	1.20E-02	1.50E-01	9.89E-11	1.55E-09	5.05E-09	4.92E-09	4.19E-09	5.38E-09	1.62E-09	5.80E-08	5.87E-08	5.97E-08	5.91E-08	5.85E-08	5.72E-08	5.66E-08	5.64E-08	5.63E-08	5.62E-08	5.61E-08	6.71E-07	2.91E-06	1.33E-06	3.56E-06	NC	NC	NC	NC
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	NA	1.20E-05	4.08E-13	5.65E-12	1.86E-11	1.82E-11	1.48E-11	2.08E-11	6.48E-12	3.00E-11	3.26E-11	3.46E-11	3.30E-11	3.13E-11	2.77E-11	2.67E-11	2.66E-11	2.66E-11	2.67E-11	2.67E-11	3.21E-10	1.39E-09	7.29E-10	1.80E-09	NC	NC	NC	NC
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	2.40E-04	2.60E-04	1.03E-12	1.80E-11	5.85E-11	5.65E-11	4.97E-11	5.97E-11	1.75E-11	1.15E-09	1.16E-09	1.17E-09	1.16E-09	1.15E-09	1.13E-09	1.12E-09	1.12E-09	1.12E-09	1.11E-09	1.11E-09	1.33E-08	5.75E-08	2.60E-08	7.03E-08	NC	NC	NC	NC
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NA	NA																										

**Table 3-2.2**  
**RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Mitigated Construction and 2024-2086 Operations - Lifetime Exposure - Child Residen**  
**(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)**

Exposure Parameters	Residential Child																	
	24 (hrs/day)																	
	6 (years)																	
Exposure Duration	350 (days/year)																	
Exposure Frequency	52560 (hrs)																	
Averaging Time (non-carcinogenic)	613200 (hrs)																	
Averaging Time (carcinogenic)																		
TAC	Concentration at Location w/Maximum Risk (ug/m³)																	
	Construction										Operation by Year							
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2024	2025	2026	2027
1,2,4-trimethylbenzene	2.95E-06	1.35E-04	6.33E-04	8.61E-04	7.18E-04	4.36E-04	3.82E-05	1.23E-05	5.73E-05	1.24E-04	1.09E-04	8.89E-05	4.11E-05	6.36E-06	9.29E-04	8.88E-04	8.47E-04	8.06E-04
1,3-butadiene	1.13E-06	5.52E-05	2.51E-04	3.44E-04	3.01E-04	1.77E-04	1.57E-05	5.07E-06	2.13E-05	4.63E-05	4.09E-05	3.32E-05	1.54E-05	2.37E-06	5.18E-04	4.95E-04	4.71E-04	4.48E-04
2,2,4-trimethylpentane	2.32E-06	1.38E-04	5.72E-04	8.00E-04	7.98E-04	4.33E-04	3.94E-05	1.28E-05	3.91E-05	8.80E-05	7.66E-05	6.23E-05	2.89E-05	4.41E-06	2.18E-03	2.08E-03	1.98E-03	1.88E-03
acetaldehyde	3.61E-05	1.40E-03	7.17E-03	9.61E-03	7.03E-03	4.65E-03	3.96E-04	1.27E-04	7.46E-04	1.58E-03	1.41E-03	1.14E-03	5.28E-04	8.21E-05	5.00E-04	5.05E-04	5.09E-04	5.14E-04
acrolein	4.78E-08	4.59E-06	1.58E-05	2.31E-05	2.90E-05	1.38E-05	1.32E-06	4.31E-07	4.90E-07	1.34E-06	1.09E-06	8.85E-07	4.19E-07	5.98E-08	1.22E-04	1.17E-04	1.11E-04	1.05E-04
benzene	1.07E-05	4.66E-04	2.24E-03	3.04E-03	2.45E-03	1.52E-03	1.32E-04	4.26E-05	2.12E-04	4.54E-04	4.03E-04	3.27E-04	1.51E-04	2.34E-05	2.39E-03	2.29E-03	2.18E-03	2.08E-03
cumene	1.02E-07	4.21E-06	2.09E-05	2.81E-05	2.16E-05	1.38E-05	1.19E-06	3.83E-07	2.07E-06	4.41E-06	3.92E-06	3.19E-06	1.47E-06	2.29E-07	1.18E-05	1.13E-05	1.08E-05	1.04E-05
cyclohexane	3.73E-07	2.74E-05	1.04E-04	1.48E-04	1.66E-04	8.39E-05	7.82E-06	2.55E-06	5.36E-06	1.28E-05	1.09E-05	8.84E-06	4.13E-06	6.17E-07	5.80E-04	5.53E-04	5.26E-04	4.99E-04
ethylbenzene	1.90E-06	9.59E-05	4.29E-04	5.90E-04	5.28E-04	3.06E-04	2.72E-05	8.81E-06	3.54E-05	7.73E-05	6.81E-05	5.53E-05	2.56E-05	3.94E-06	1.00E-03	9.55E-04	9.10E-04	8.64E-04
ethylene	7.27E-05	2.95E-03	1.47E-02	1.98E-02	1.50E-02	9.71E-03	8.34E-04	2.68E-04	1.48E-03	3.15E-03	2.80E-03	2.28E-03	1.05E-03	1.63E-04	6.45E-03	6.21E-03	5.96E-03	5.72E-03
formaldehyde	7.26E-05	2.84E-03	1.45E-02	1.94E-02	1.43E-02	9.41E-03	8.03E-04	2.58E-04	1.50E-03	3.17E-03	2.82E-03	2.29E-03	1.06E-03	1.65E-04	1.96E-03	1.92E-03	1.89E-03	1.85E-03
hexane, n-isoprene, except from vegetative emission sources	1.37E-06	8.67E-05	3.50E-04	4.92E-04	5.08E-04	2.69E-04	2.47E-05	8.03E-06	2.22E-05	5.07E-05	4.39E-05	3.57E-05	1.66E-05	2.52E-06	1.51E-03	1.44E-03	1.37E-03	1.30E-03
methyl alcohol	5.22E-08	5.01E-06	1.73E-05	2.52E-05	3.16E-05	1.50E-05	1.44E-06	4.70E-07	5.35E-07	1.46E-06	1.19E-06	9.65E-07	4.57E-07	6.52E-08	1.34E-04	1.27E-04	1.21E-04	1.15E-04
methyl ethyl ketone	1.90E-07	9.86E-06	4.35E-05	6.00E-05	5.48E-05	3.14E-05	2.80E-06	9.07E-07	3.44E-06	7.65E-06	5.46E-06	2.53E-06	3.89E-07	1.12E-04	1.07E-04	1.02E-04	9.69E-05	
naphthalene	7.25E-06	2.81E-04	1.44E-03	1.93E-03	1.41E-03	9.33E-04	7.94E-05	2.55E-05	1.50E-04	3.17E-04	2.83E-04	2.30E-04	1.06E-04	1.65E-05	6.91E-05	7.15E-05	7.40E-05	7.64E-05
propionaldehyde	4.58E-07	1.87E-05	9.32E-05	1.25E-04	9.58E-05	6.16E-05	5.29E-06	1.70E-06	9.30E-06	1.98E-05	1.76E-05	1.43E-05	6.61E-06	1.03E-06	4.74E-05	4.55E-05	4.37E-05	4.18E-05
propylene	4.76E-06	1.85E-04	9.46E-04	1.27E-03	9.27E-04	6.13E-04	5.23E-05	1.68E-05	9.84E-05	2.08E-04	1.86E-04	1.51E-04	6.97E-05	1.08E-05	6.41E-05	6.48E-05	6.55E-05	6.63E-05
styrene	1.39E-05	6.01E-04	2.90E-03	3.92E-03	3.15E-03	1.96E-03	1.70E-04	5.48E-05	2.75E-04	5.89E-04	5.23E-04	4.25E-04	1.96E-04	3.04E-05	2.96E-03	2.84E-03	2.71E-03	2.58E-03
toluene	3.37E-07	1.55E-05	7.27E-05	9.90E-05	8.32E-05	5.02E-05	4.41E-06	1.42E-06	6.52E-06	1.41E-05	1.25E-05	1.01E-05	4.68E-06	7.24E-07	1.13E-04	1.08E-04	1.03E-04	9.81E-05
xylene (total)	9.31E-06	4.82E-04	2.13E-03	2.93E-03	2.68E-03	1.53E-03	1.37E-04	4.43E-05	1.71E-04	3.74E-04	3.29E-04	2.67E-04	1.24E-04	1.90E-05	5.47E-03	5.22E-03	4.97E-03	4.72E-03
aluminum	6.91E-06	3.69E-04	1.61E-03	2.22E-03	2.07E-03	1.17E-03	1.05E-04	3.40E-05	1.25E-04	2.75E-04	2.41E-04	1.96E-04	9.08E-05	1.39E-05	4.56E-03	4.36E-03	4.15E-03	3.94E-03
ammonium ion	1.21E-03	2.24E-02	6.65E-02	9.26E-02	7.30E-02	4.95E-02	3.54E-02	2.02E-02	3.64E-03	2.03E-03	1.76E-03	1.14E-03	2.73E-04	4.18E-05	3.94E-02	3.95E-02	3.97E-02	3.98E-02
antimony	2.32E-06	4.82E-05	1.67E-04	2.24E-04	1.73E-04	1.17E-04	6.21E-05	3.47E-05	1.27E-05	1.73E-05	1.56E-05	1.19E-05	5.16E-06	8.18E-07	1.08E-03	1.08E-03	1.08E-03	1.09E-03
arsenic	2.45E-07	4.60E-06	1.39E-05	1.93E-05	1.51E-05	1.03E-05	7.11E-06	4.05E-06	7.99E-07	5.53E-07	4.86E-07	3.34E-07	1.04E-07	1.63E-08	2.51E-05	2.52E-05	2.52E-05	2.53E-05
barium	3.06E-07	5.73E-06	1.71E-05	2.37E-05	1.89E-05	1.27E-05	8.97E-06	5.11E-06	9.36E-07	5.54E-07	4.82E-07	3.18E-07	8.36E-08	1.28E-08	6.39E-06	6.41E-06	6.42E-06	6.44E-06
bromine	1.38E-05	4.26E-04	1.54E-03	2.09E-03	2.48E-03	1.31E-03	4.66E-04	2.40E-04	7.13E-05	1.34E-04	1.16E-04	9.44E-05	4.56E-05	6.47E-06	9.09E-03	9.09E-03	9.09E-03	9.09E-03
cadmium	4.49E-07	8.63E-06	2.60E-05	3.62E-05	2.96E-05	1.96E-05	1.32E-05	7.51E-06	1.43E-06	9.82E-07	8.54E-07	5.88E-07	1.84E-07	2.91E-08	1.75E-05	1.73E-05	1.71E-05	1.68E-05
chlorine	5.00E-07	9.34E-06	2.80E-05	3.89E-05	3.06E-05	2.07E-05	1.46E-05	8.31E-06	1.57E-06	9.97E-07	8.72E-07	5.86E-07	1.67E-07	2.60E-08	1.11E-06	1.12E-06	1.12E-06	1.12E-06
chromium (VI)	5.43E-05	1.04E-03	3.11E-03	4.32E-03	3.53E-03	2.34E-03	1.60E-03	9.10E-04	1.69E-04	1.09E-04	9.45E-05	6.38E-05	1.87E-05	2.97E-06	1.57E-03	1.54E-03	1.51E-03	1.47E-03
cobalt	1.69E-07	3.33E-06	1.02E-05	1.41E-05	1.21E-05	7.76E-06	5.01E-06	2.83E-06	5.43E-07	4.11E-07	3.56E-07	2.52E-07	8.67E-08	1.28E-08	1.03E-05	1.03E-05	1.02E-05	1.02E-05
copper	1.72E-06	3.21E-05	9.53E-05	1.33E-04	1.05E-04	7.10E-05	5.04E-05	2.88E-05	5.22E-06	3.00E-06	2.61E-06	1.70E-06	4.28E-07	6.68E-08	1.47E-05	1.45E-05	1.42E-05	1.40E-05
lead	2.11E-06	7.55E-05	2.82E-04	3.81E-04	4.79E-04	2.46E-04	7.51E-05	3.74E-05	1.27E-05	2.71E-05	2.35E-05	1.93E-05	9.50E-06	1.34E-06	1.91E-03	1.91E-03	1.91E-03	1.91E-03
manganese	8.93E-06	1.66E-04	4.93E-04	6.87E-04	5.42E-04	3.67E-04	2.61E-04	1.49E-04	2.70E-05	1.53E-05	1.33E-05	8.66E-06	2.14E-06	3.26E-07	5.93E-05	5.94E-05	5.95E-05	5.97E-05
mercury	1.47E-05	2.78E-04	8.34E-04	1.16E-03	9.41E-04	6.26E-04	4.32E-04	2.46E-04	4.53E-05	2.84E-05	2.46E-05	1.66E-05	4.72E-06	7.09E-07	5.76E-04	5.77E-04	5.78E-04	5.78E-04
nickel	2.57E-07	4.82E-06	1.45E-05	2.01E-05	1.58E-05	1.07E-05	7.48E-06	4.26E-06	8.26E-07	5.50E-07	4.82E-07	3.28E-07	9.88E-08	1.54E-08	3.32E-06	3.33E-06	3.34E-06	3.35E-06
non-phosphate phosphorous	9.89E-07	2.06E-05	6.48E-05	8.95E-05	8.13E-05	5.03E-05	2.98E-05	1.67E-05	3.40E-06	3.16E-06	2.74E-06	2.03E-06	7.93E-07	1.16E-07	1.18E-04	1.18E-04	1.17E-04	1.17E-04
phosphorus	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
selenium	2.52E-05	4.69E-04	1.39E-03	1.94E-03	1.53E-03	1.04E-03	7.38E-04	4.21E-04	7.63E-05	4.34E-05	3.77E-05	2.45E-05	6.07E-06	9.24E-07	1.05E-03	1.05E-03	1.05E-03	1.06E-03
silicon	3.99E-08	8.30E-07	2.65E-06	3.65E-06	3.24E-06	2.03E-06	1.18E-06	6.58E-07	1.50E-07	1.56E-07	1.37E-07	1.02E-07	4.14E-08	6.12E-09	4.63E-06	4.63E-06	4.63E-06	4.63E-06
silver	3.11E-03	5.79E-02	1.72E-01	2.40E-01	1.90E-01	1.28E-01	9.11E-02	5.20E-02	9.41E-03	5.37E-03	4.66E-03	3.04E-03	7.57E-04	1.15E-04	1.23E-01	1.23E-01	1.24E-01	1.24E-01
sulfates	1.30E-07	2.45E-06	7.46E-06	1.03E-05	8.10E-06	5.49E-06	3.75E-06	2.14E-06	4.38E-07	3.28E-07	2.89E-07	2.03E-07	6.73E-08	1.06E-08	4.12E-09	4.32E-09	4.52E-09	4.71E-09
thallium	7.76E-05	1.70E-03	5.43E-03	7.47E-03	6.83E-03	4.20E-03	2.34E-03	1.31E-03	3.04E-04	3.31E-04	2.89E-04	2.18E-04	8.99E-05	1.47E-05	1.20E-02	1.18E-02	1.16E-02	1.13E-02
vanadium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
zinc	4.24E-06	8.08E-05	2.43E-04	3.38E-04	2.76E-04	1.83E-04	1.25E-04	7.09E-05	1.32E-05	8.56E-06	7.43E-06	5.05E-06	1.50E-06	2.25E-07	1.32E-04	1.32E-04	1.32E-04	1.32E-04
Diesel PM	8.55E-06	1.64E-04	4.96E-04	6.89E-04	5.65E-04	3.73E-04	2.51E-04	1.42E-04	2.73E-05	1.92E-05	1.67E-05	1.15E-05	3.65E-06	5.29E-07	5.99E-04	6.00E-04	6.00E-04	6.01E-04
	9.00E-05	3.13E-03	1.62E-02	2.03E-02	1.45E-02	9.94E-03	9.20E-04	3.10E-04	1.95E-03	4.09E-03	3.71E-03	2.95E-03	1.38E-03	2.20E-04	5.10E-04	4.71E-04	4.31E-04	3.92E-04

<sup>1</sup> Residential Maximum Grid No. 1426

NA = Not Available      ug/m³ = micrograms per cubic meter  
 NC = Not Calculated      mg/kg-d = milligrams per kilogram day  
 Source: CDM Smith, 2016

Table 3-2.2  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Mitigated Construction and 2024-2086 Operations - Lifetime Exposure - Child Resident  
(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

TAC	Toxicity Criteria		Cancer Risk to Child Resident										2019-2024	2019-2027
	EPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	Construction					Construction and Operations					Cancer Risk to 6-Yr Child Resident	Cancer Risk to 9-Yr Child Resident
			2019	2020	2021	2022	2023	2024	2025	2026	2027			
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	3.00E-05	1.70E-04	5.84E-10	8.00E-10	7.02E-10	4.12E-10	3.65E-11	1.22E-09	1.20E-09	1.21E-09	1.14E-09	3.75E-09	7.30E-09	
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
acetaldehyde	2.20E-06	2.70E-06	2.65E-10	3.55E-10	2.60E-10	1.72E-10	1.47E-11	2.32E-11	4.62E-11	7.72E-11	7.11E-11	1.09E-09	1.28E-09	
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
benzene	7.80E-06	2.90E-05	8.91E-10	1.21E-09	9.72E-10	6.03E-10	5.24E-11	9.66E-10	9.92E-10	1.05E-09	9.86E-10	4.69E-09	7.72E-09	
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ethylbenzene	2.50E-06	2.50E-06	1.47E-11	2.02E-11	1.81E-11	1.05E-11	9.32E-13	3.46E-11	3.39E-11	3.38E-11	3.19E-11	9.90E-11	1.99E-10	
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
formaldehyde	1.30E-05	6.00E-06	1.19E-09	1.59E-09	1.17E-09	7.74E-10	6.60E-11	1.82E-10	2.81E-10	4.16E-10	3.84E-10	4.98E-09	6.06E-09	
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
naphthalene	3.40E-05	3.40E-05	4.34E-11	5.84E-11	4.46E-11	2.87E-11	2.47E-12	2.29E-11	2.55E-11	2.95E-11	2.77E-11	2.00E-10	2.83E-10	
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ammonium ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
arsenic	4.30E-03	3.30E-03	7.71E-10	1.07E-09	8.52E-10	5.74E-10	4.05E-10	5.20E-10	3.32E-10	3.15E-10	3.13E-10	4.20E-09	5.16E-09	
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cadmium	1.80E-03	4.20E-03	1.61E-09	2.24E-09	1.76E-09	1.19E-09	8.38E-10	5.42E-10	1.55E-10	1.22E-10	1.15E-10	8.18E-09	8.57E-09	
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
chromium (VI)	1.20E-02	1.50E-01	2.09E-08	2.90E-08	2.48E-08	1.59E-08	1.03E-08	2.69E-08	2.22E-08	2.19E-08	2.17E-08	1.28E-07	1.94E-07	
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
lead	NA	1.20E-05	8.11E-11	1.13E-10	8.92E-11	6.03E-11	4.30E-11	3.43E-11	1.42E-11	1.23E-11	1.20E-11	4.21E-10	4.59E-10	
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
nickel	2.40E-04	2.60E-04	2.31E-10	3.19E-10	2.90E-10	1.79E-10	1.06E-10	4.79E-10	4.31E-10	4.29E-10	4.27E-10	1.60E-09	2.89E-09	
non-phosphate phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
Diesel PM	3.00E-04	3.00E-04	6.67E-08	8.33E-08	5.97E-08	4.08E-08	3.78E-09	3.37E-09	9.95E-09	1.86E-08	1.69E-08	2.58E-07	3.03E-07	
<b>TOTAL</b>			<b>9.3E-08</b>	<b>1.2E-07</b>	<b>9.1E-08</b>	<b>6.1E-08</b>	<b>1.6E-08</b>	<b>3.4E-08</b>	<b>3.6E-08</b>	<b>4.4E-08</b>	<b>4.2E-08</b>	<b>4.1E-07</b>	<b>5.4E-07</b>	

NA = Not Available  
NC = Not Calculated  
Source: CDM Smith, 2016

ug/m<sup>3</sup> = micrograms per cubic meter  
mg/kg-d = milligrams per kilogram day



Table 3-2.3  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Mitigated Construction and 2024-2086 Operations - Lifetime Exposure - School Child  
(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**RAGS F Equations**

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

Risk = IUR x EC

HQ = EC / REL

Where: HQ = Hazard Quotient

EC = Exposure Concentration

IUR = Inhalation Unit Risk

AT = Averaging Time (for cancer or non-cancer)

REL = Reference Exposure Level

TAC	Toxicity Criteria		Cancer Risk to Adult Resident											2019-2024	2022-2030	2019-2030		
	EPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	Construction					Construction and Operations						Cancer Risk to 6-yr School Child	Cancer Risk to 9-yr School Child	Cancer Risk to 12-yr School Child		
			2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029				2030	
1,2,4-trimethylbenzene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	3.00E-05	1.70E-04	7.13E-11	8.66E-11	6.88E-11	6.54E-11	5.10E-12	6.21E-10	6.18E-10	6.22E-10	5.88E-10	5.53E-10	5.04E-10	4.61E-10	9.18E-10	4.04E-09	4.26E-09	
2,2,4-trimethylpentane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
acetaldehyde	2.20E-06	2.70E-06	3.39E-11	3.97E-11	2.57E-11	2.92E-11	2.14E-12	9.36E-12	2.30E-11	3.94E-11	3.58E-11	3.09E-11	1.90E-11	1.04E-11	1.40E-10	1.99E-10	2.99E-10	
acrolein	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
benzene	7.80E-06	2.90E-05	1.11E-10	1.33E-10	9.56E-11	9.90E-11	7.49E-12	4.88E-10	5.09E-10	5.40E-10	5.08E-10	4.73E-10	4.16E-10	3.69E-10	9.34E-10	3.41E-09	3.75E-09	
cumene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cyclohexane	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ethylbenzene	2.50E-06	2.50E-06	1.78E-12	2.18E-12	1.77E-12	1.65E-12	1.30E-13	1.76E-11	1.75E-11	1.74E-11	1.65E-11	1.55E-11	1.42E-11	1.31E-11	2.51E-11	1.14E-10	1.19E-10	
ethylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
formaldehyde	1.30E-05	6.00E-06	1.52E-10	1.78E-10	1.16E-10	1.31E-10	9.63E-12	8.21E-11	1.41E-10	2.12E-10	1.95E-10	1.71E-10	1.16E-10	7.58E-11	6.69E-10	1.13E-09	1.58E-09	
hexane, n-	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
isoprene, except from vegetative emission sources	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl alcohol	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
methyl ethyl ketone	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
naphthalene	3.40E-05	3.40E-05	5.49E-12	6.48E-12	4.40E-12	4.80E-12	3.57E-13	1.13E-11	1.30E-11	1.52E-11	1.42E-11	1.30E-11	1.07E-11	8.86E-12	3.29E-11	9.14E-11	1.08E-10	
propionaldehyde	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
propylene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
styrene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
toluene	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
xylene (total)	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
aluminum	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
ammonium Ion	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
antimony	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
arsenic	4.30E-03	3.30E-03	7.16E-11	8.26E-11	6.81E-11	9.27E-11	3.09E-11	1.40E-10	1.36E-10	1.39E-10	1.35E-10	1.32E-10	1.25E-10	1.22E-10	4.85E-10	1.05E-09	1.27E-09	
barium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
bromine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
cadmium	1.80E-03	4.20E-03	1.51E-10	1.73E-10	1.41E-10	1.93E-10	6.39E-11	6.32E-11	5.63E-11	6.43E-11	5.71E-11	4.94E-11	3.33E-11	2.81E-11	7.85E-10	6.08E-10	1.07E-09	
chlorine	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
chromium (VI)	1.20E-02	1.50E-01	1.93E-09	2.25E-09	1.99E-09	2.52E-09	7.92E-10	9.41E-09	9.32E-09	9.48E-09	9.33E-09	9.19E-09	8.92E-09	8.78E-09	1.89E-08	6.77E-08	7.39E-08	
cobalt	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
copper	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
lead	NA	1.20E-05	7.52E-12	8.68E-12	7.12E-12	9.75E-12	3.27E-12	5.97E-12	5.51E-12	5.81E-12	5.46E-12	5.10E-12	4.35E-12	4.15E-12	4.23E-11	4.94E-11	7.27E-11	
manganese	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
mercury	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
nickel	2.40E-04	2.60E-04	2.13E-11	2.49E-11	2.33E-11	2.78E-11	8.25E-12	1.84E-10	1.83E-10	1.85E-10	1.83E-10	1.81E-10	1.77E-10	1.75E-10	2.89E-10	1.30E-09	1.37E-09	
non-phosphate phosphorous	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
phosphorus	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
selenium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silicon	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
silver	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
sulfates	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
thallium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
vanadium	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
zinc	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
Diesel PM	3.00E-04	3.00E-04	8.57E-09	9.35E-09	5.90E-09	7.11E-09	5.48E-10	1.15E-09	5.05E-09	9.64E-09	8.69E-09	7.06E-09	3.60E-09	9.98E-10	3.26E-08	4.38E-08	6.77E-08	
<b>TOTAL</b>			<b>1.1E-08</b>	<b>1.2E-08</b>	<b>8.4E-09</b>	<b>1.0E-08</b>	<b>1.5E-09</b>	<b>1.2E-08</b>	<b>1.6E-08</b>	<b>2.1E-08</b>	<b>2.0E-08</b>	<b>1.8E-08</b>	<b>1.4E-08</b>	<b>1.1E-08</b>	<b>5.6E-08</b>	<b>1.2E-07</b>	<b>1.6E-07</b>	

NA = Not Available  
NC = Not Calculated  
Source: CDM Smith, 2016

ug/m<sup>3</sup> = micrograms per cubic meter  
mg/kg-d = milligrams per kilogram day

Table 3-2.4  
 RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2017-2030 Mitigated Construction and 2024-2086 Operations - Lifetime Exposure - Off-Airport Worker  
 (Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)

Exposure Parameters	Adult Worker																									
	Exposure Time	8 (hrs/day)																								
	Exposure Duration	25 (years)																								
Exposure Frequency	250 (days/year)																									
Averaging Time (non-carcinogenic)	219000 (hrs)																									
Averaging Time (carcinogenic)	613200 (hrs)																									
TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )																									
	Construction															Operation by Year										
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1,2,4-trimethylbenzene	1.62E-05	5.95E-04	1.39E-03	8.20E-04	2.40E-04	8.37E-05	1.16E-04	4.03E-05	3.24E-04	6.88E-04	6.14E-04	4.94E-04	2.29E-04	3.53E-05	2.24E-03	2.17E-03	2.09E-03	2.02E-03	1.95E-03	1.87E-03	1.80E-03	1.73E-03	1.66E-03	1.58E-03	1.51E-03	1.44E-03
1,3-butadiene	6.27E-06	2.40E-04	5.36E-04	3.14E-04	9.17E-05	3.22E-05	4.64E-05	1.64E-05	1.20E-04	2.58E-04	2.29E-04	1.85E-04	8.55E-05	1.31E-05	1.24E-03	1.20E-03	1.16E-03	1.11E-03	1.07E-03	1.03E-03	9.85E-04	9.42E-04	8.99E-04	8.56E-04	8.13E-04	7.70E-04
2,2,4-trimethylpentane	1.32E-05	5.72E-04	1.13E-03	6.44E-04	1.88E-04	6.73E-05	1.09E-04	3.99E-05	2.20E-04	4.90E-04	4.30E-04	3.46E-04	1.61E-04	2.42E-05	5.21E-03	5.02E-03	4.82E-03	4.63E-03	4.44E-03	4.25E-03	4.06E-03	3.86E-03	3.67E-03	3.48E-03	3.29E-03	3.09E-03
acetaldehyde	1.95E-04	6.50E-03	1.67E-02	1.00E-02	2.93E-03	1.01E-03	1.29E-03	4.30E-04	4.21E-03	7.89E-03	6.36E-03	2.94E-03	4.57E-04	1.52E-03	1.64E-03	1.76E-03	1.88E-03	2.00E-03	2.13E-03	2.25E-03	2.37E-03	2.49E-03	2.61E-03	2.73E-03	2.86E-03	
acrolein	2.99E-07	1.74E-05	2.54E-05	1.33E-05	3.89E-06	1.47E-06	3.18E-06	1.27E-06	2.75E-06	7.45E-06	6.10E-06	4.93E-06	2.32E-06	3.11E-07	2.92E-04	2.81E-04	2.69E-04	2.58E-04	2.47E-04	2.36E-04	2.25E-04	2.14E-04	2.02E-04	1.91E-04	1.80E-04	1.69E-04
benzene	5.85E-05	2.09E-03	5.01E-03	2.97E-03	8.68E-04	4.09E-04	1.40E-04	1.20E-03	2.53E-03	2.26E-03	1.82E-03	8.42E-04	1.30E-04	5.78E-03	5.61E-03	5.44E-03	5.27E-03	5.09E-03	4.92E-03	4.75E-03	4.58E-03	4.40E-03	4.23E-03	4.06E-03	3.88E-03	
cumene	5.55E-07	1.92E-05	4.75E-05	2.84E-05	8.30E-06	2.88E-06	3.77E-06	1.28E-06	1.17E-05	2.45E-05	2.20E-05	1.77E-05	8.19E-06	1.27E-06	2.89E-05	2.83E-05	2.77E-05	2.71E-05	2.64E-05	2.58E-05	2.52E-05	2.46E-05	2.40E-05	2.34E-05	2.27E-05	2.21E-05
cyclohexane	2.21E-06	1.09E-04	1.88E-04	1.04E-04	3.03E-05	1.11E-05	2.03E-05	7.74E-06	6.10E-05	4.92E-05	2.29E-05	3.33E-06	1.38E-03	1.33E-03	1.28E-03	1.23E-03	1.17E-03	1.12E-03	1.07E-03	1.02E-03	9.65E-04	9.13E-04	8.60E-04	8.08E-04		
ethylbenzene	1.06E-05	4.13E-04	9.07E-04	5.29E-04	1.55E-04	5.45E-05	7.97E-05	2.83E-05	2.00E-04	4.30E-04	3.82E-04	3.07E-04	1.42E-04	2.18E-05	2.40E-03	2.31E-03	2.23E-03	2.15E-03	2.06E-03	1.98E-03	1.89E-03	1.81E-03	1.72E-03	1.64E-03	1.56E-03	1.47E-03
ethylene	3.94E-04	1.35E-02	3.38E-02	2.02E-02	5.90E-03	2.05E-03	2.66E-03	8.99E-04	8.36E-03	1.75E-02	1.27E-02	5.85E-03	9.09E-04	1.60E-02	1.58E-02	1.55E-02	1.52E-02	1.50E-02	1.47E-02	1.44E-02	1.42E-02	1.39E-02	1.37E-02	1.34E-02	1.31E-02	
formaldehyde	3.92E-04	1.31E-02	3.36E-02	2.02E-02	5.89E-03	2.04E-03	2.60E-03	8.71E-04	8.44E-03	1.76E-02	1.28E-02	5.90E-03	9.18E-04	5.32E-03	5.47E-03	5.63E-03	5.79E-03	5.94E-03	6.10E-03	6.25E-03	6.41E-03	6.57E-03	6.72E-03	6.88E-03	7.04E-03	
hexane, n-	7.89E-06	3.54E-04	6.73E-04	3.81E-04	1.11E-04	4.00E-05	6.69E-05	2.49E-05	1.25E-04	2.82E-04	2.58E-04	1.99E-04	9.23E-05	1.38E-05	3.60E-03	3.47E-03	3.33E-03	3.20E-03	3.06E-03	2.93E-03	2.80E-03	2.66E-03	2.53E-03	2.39E-03	2.26E-03	2.13E-03
isoprene, except from vegetative emission sources	3.26E-07	1.90E-05	2.77E-05	1.45E-05	4.24E-06	1.60E-06	3.47E-06	1.38E-06	3.00E-06	8.13E-06	6.65E-06	5.38E-06	2.53E-06	3.39E-07	3.18E-04	3.06E-04	2.94E-04	2.82E-04	2.70E-04	2.57E-04	2.45E-04	2.33E-04	2.21E-04	2.09E-04	1.96E-04	1.84E-04
methyl alcohol	1.06E-06	4.22E-05	9.09E-05	5.29E-05	1.55E-05	5.46E-06	8.12E-06	2.90E-06	1.97E-05	4.26E-05	3.77E-05	3.04E-05	1.41E-05	2.15E-06	2.69E-04	2.59E-04	2.50E-04	2.40E-04	2.31E-04	2.21E-04	2.11E-04	2.02E-04	1.92E-04	1.83E-04	1.73E-04	1.64E-04
methyl ethyl ketone	3.91E-05	1.30E-03	3.35E-03	2.02E-03	5.89E-04	2.03E-04	2.58E-04	8.63E-05	8.47E-04	1.77E-03	1.59E-03	1.28E-03	5.91E-04	9.20E-05	2.30E-04	2.58E-04	2.85E-04	3.12E-04	3.40E-04	3.67E-04	3.95E-04	4.22E-04	4.49E-04	4.77E-04	5.04E-04	5.32E-04
naphthalene	2.49E-06	8.54E-05	2.13E-04	1.27E-04	3.72E-05	1.29E-05	1.68E-05	5.70E-06	5.25E-06	1.10E-05	9.87E-05	7.95E-05	3.67E-05	5.71E-06	1.17E-04	1.15E-04	1.12E-04	1.10E-04	1.08E-04	1.06E-04	1.03E-04	1.01E-04	9.87E-05	9.64E-05	9.41E-05	9.18E-05
propionaldehyde	2.57E-05	8.57E-04	2.30E-03	1.32E-03	3.86E-04	1.34E-04	1.70E-04	5.68E-05	5.55E-04	1.16E-03	1.04E-03	8.39E-04	3.88E-04	6.04E-05	1.96E-04	2.12E-04	2.28E-04	2.44E-04	2.61E-04	2.77E-04	2.93E-04	3.09E-04	3.26E-04	3.42E-04	3.58E-04	3.74E-04
propylene	7.57E-05	2.69E-03	6.48E-03	3.85E-03	1.12E-03	3.92E-04	5.28E-04	1.81E-04	1.55E-03	3.28E-03	2.93E-03	2.36E-03	1.09E-03	1.69E-04	1.18E-03	6.97E-03	6.76E-03	6.55E-03	6.34E-03	6.12E-03	5.91E-03	5.70E-03	5.49E-03	5.28E-03	5.07E-03	4.85E-03
styrene	1.86E-06	6.85E-05	1.59E-04	9.37E-05	2.74E-05	9.57E-06	1.33E-05	4.64E-06	3.68E-05	7.84E-05	6.99E-05	5.63E-05	2.60E-05	4.01E-06	2.72E-04	2.64E-04	2.55E-04	2.46E-04	2.37E-04	2.28E-04	2.19E-04	2.10E-04	2.01E-04	1.92E-04	1.83E-04	1.74E-04
toluene	5.21E-05	2.06E-03	4.45E-03	2.59E-03	7.56E-04	2.67E-04	3.97E-04	1.42E-04	9.62E-04	2.08E-03	1.85E-03	1.49E-03	6.89E-04	1.05E-04	1.31E-02	1.26E-02	1.22E-02	1.17E-02	1.12E-02	1.08E-02	1.03E-02	9.83E-03	9.37E-03	8.90E-03	8.44E-03	7.97E-03
xylene (total)	3.98E-05	1.57E-03	3.31E-03	1.92E-03	5.61E-04	1.99E-04	3.01E-04	1.08E-04	7.02E-04	1.53E-03	1.35E-03	1.09E-03	5.05E-04	7.68E-05	1.09E-02	1.05E-02	1.01E-02	9.74E-03	9.35E-03	8.96E-03	8.57E-03	8.17E-03	7.79E-03	7.39E-03	6.99E-03	6.60E-03
aluminum	5.14E-04	1.94E-02	2.07E-02	1.79E-02	6.45E-03	4.08E-03	2.73E-03	2.65E-03	1.38E-02	1.70E-02	1.49E-02	9.49E-03	2.27E-03	3.46E-04	9.91E-02	1.01E-01	1.03E-01	1.04E-01	1.06E-01	1.08E-01	1.10E-01	1.12E-01	1.13E-01	1.15E-01	1.17E-01	1.19E-01
ammonium ion	2.58E-06	8.22E-05	1.65E-04	1.04E-04	3.09E-05	1.42E-05	1.53E-05	8.02E-06	6.04E-05	1.06E-04	9.60E-05	7.20E-05	3.01E-05	4.68E-06	2.71E-03	2.75E-03	2.80E-03	2.85E-03	2.90E-03	2.95E-03	3.00E-03	3.05E-03	3.10E-03	3.15E-03	3.20E-03	3.25E-03
antimony	1.21E-07	4.41E-06	5.51E-06	4.36E-06	1.50E-06	8.95E-07	6.57E-07	5.66E-07	3.16E-06	4.22E-06	3.73E-06	2.49E-06	7.31E-07	1.12E-07	6.30E-05	6.42E-05	6.53E-05	6.65E-05	6.76E-05	6.88E-05	6.99E-05	7.11E-05	7.22E-05	7.34E-05	7.45E-05	7.57E-05
arsenic	1.34E-07	5.13E-06	5.88E-06	4.79E-06	1.70E-06	1.06E-06	7.50E-07	6.93E-07	3.60E-06	4.58E-06	4.02E-06	2.60E-06	6.76E-07	1.02E-07	1.61E-05	1.63E-05	1.66E-05	1.69E-05	1.72E-05	1.74E-05	1.77E-05	1.80E-05	1.83E-05	1.86E-05	1.88E-05	1.91E-05
barium	1.29E-05	9.73E-04	1.64E-03	1.02E-03	3.09E-04	1.37E-04	2.74E-04	1.33E-04	4.26E-04	1.11E-03	9.70E-04	7.83E-04	3.78E-04	5.34E-05	2.29E-02	2.32E-02	2.35E-02	2.38E-02	2.42E-02	2.45E-02	2.48E-02	2.52E-02	2.55E-02	2.58E-02	2.62E-02	2.65E-02
bromine	2.10E-07	8.58E-06	1.03E-05	8.17E-06	2.83E-06	1.68E-06	1.41E-06	1.14E-06	6.56E-06	7.81E-06	6.85E-06	4.80E-06	1.39E-06	2.03E-07	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05
cadmium	2.31E-07	8.56E-06	1.00E-05	8.22E-06	2.89E-06	1.76E-06	1.24E-06	1.13E-06	6.12E-06	7.88E-06	6.95E-06	4.55E-06	1.24E-06	1.90E-07	2.80E-06	2.86E-06	2.91E-06	2.97E-06	3.02E-06	3.07E-06	3.13E-06	3.18E-06	3.23E-06	3.29E-06	3.34E-06	3.39E-06
chlorine	2.43E-05	9.96E-04	1.15E-03	9.31E-04	3.27E-04	1.97E-04	1.60E-04	1.34E-04	6.58E-04	8.81E-04	7.71E-04	5.08E-04	1.43E-04	2.09E-05	3.84E-03	3.80E-03	3.76E-03	3.73E-03	3.69E-03	3.65E-03	3.62E-03	3.58E-03	3.55E-03	3.51E-03	3.47E-03	3.44E-03
chromium (VI)	7.99E-08	3.57E-06	4.49E-06	3.44E-06	1.17E-06	6.73E-07	6.59E-07	4.87E-07	2.24E-06	3.42E-06	2.99E-06	2.09E-06	7.16E-07	1.04E-07	2.58E-05	2.61E-05	2.64E-05	2.68E-05	2.71E-05	2.74E-05	2.78E-05	2.81E-05	2.85E-05	2.88E-05	2.91E-05	2.95E-05
cobalt	7.41E-07	2.83E-05	3.07E-05	2.62E-05	9.39E-06	5.89E-06	4.07E-06	3.84E-06	1.99E-05	2.48E-05	2.18E-05	1.39E-05	3.44E-06	5.12E-07	3.60E-05	3.60E-05	3.59E-05	3.58E-05	3.57E-05	3.56E-05	3.56E-05	3.55E-05	3.54E-05	3.54E-05	3.53E-05	3.53E-05
copper	2.39E-06	1.94E-04	3.34E-04	2.06E-04	6.13E-05	2.64E-05	5.66E-05	2.66E-05	8.10E-05	2.25E-04	1.96E-04	1.60E-04	7.89E-05	1.15E-05	4.81E-03	4.88E-03	4.95E-03	5.01E-03	5.08E-03	5.15E-03	5.22E-03	5.29E-03	5.36E-03	5.42E-03	5.49E-03	5.56E-03
lead	3.83E-06	1.45E-04	1.56E-04	1.34E-04	4.83E-05	3.04E-05	2.07E-05	1.97E-05	1.03E-04	1.28E-04	1.12E-04	7.18E-05	1.76E-05	2.68E-06	1.49E-04	1.52E-04	1.54E-04	1.57E-04	1.59E-04	1.62E-04	1.64E-04	1.67E-04	1.70E-04	1.72E-04	1.75E-04	1.77E-04
manganese	6.49E-06	2.6																								



## Operation

### 3-3 2024 With Project vs. 2024 Without Project

Table 3-3.1  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project - Operations - Lifetime Exposure - Adult Resident  
(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )											Toxicity Criteria		
	Operation by Year											EPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034			2035
	Residential Adult													
Exposure Parameters	24 (hrs/day)													
Exposure Duration	70 (years)													
Exposure Frequency	350 (days/year)													
Averaging Time (non-carcinogenic)	613200 (hrs)													
Averaging Time (carcinogenic)	613200 (hrs)													
1,2,4-trimethylbenzene	2.81E-03	2.69E-03	2.58E-03	2.46E-03	2.35E-03	2.23E-03	2.12E-03	2.00E-03	1.88E-03	1.77E-03	1.65E-03	1.54E-03	NA	NA
1,3-butadiene	1.57E-03	1.50E-03	1.44E-03	1.37E-03	1.31E-03	1.24E-03	1.18E-03	1.11E-03	1.05E-03	9.80E-04	9.15E-04	8.50E-04	3.00E-05	1.70E-04
2,2,4-trimethylpentane	6.60E-03	6.33E-03	6.05E-03	5.77E-03	5.49E-03	5.21E-03	4.93E-03	4.65E-03	4.38E-03	4.10E-03	3.82E-03	3.54E-03	NA	NA
acetaldehyde	1.40E-03	1.39E-03	1.39E-03	1.38E-03	1.37E-03	1.37E-03	1.36E-03	1.35E-03	1.35E-03	1.34E-03	1.34E-03	1.33E-03	2.20E-06	2.70E-06
acrolein	3.71E-04	3.55E-04	3.40E-04	3.24E-04	3.08E-04	2.92E-04	2.77E-04	2.61E-04	2.45E-04	2.29E-04	2.13E-04	1.98E-04	NA	NA
benzene	7.21E-03	6.92E-03	6.63E-03	6.34E-03	6.04E-03	5.75E-03	5.46E-03	5.17E-03	4.88E-03	4.58E-03	4.29E-03	4.00E-03	7.80E-06	2.90E-05
cumene	3.53E-05	3.40E-05	3.26E-05	3.13E-05	2.99E-05	2.86E-05	2.72E-05	2.58E-05	2.45E-05	2.31E-05	2.18E-05	2.04E-05	NA	NA
cyclohexane	1.76E-03	1.68E-03	1.61E-03	1.53E-03	1.46E-03	1.38E-03	1.31E-03	1.24E-03	1.16E-03	1.09E-03	1.01E-03	9.38E-04	NA	NA
ethylbenzene	3.03E-03	2.90E-03	2.78E-03	2.65E-03	2.52E-03	2.40E-03	2.27E-03	2.14E-03	2.02E-03	1.89E-03	1.76E-03	1.64E-03	2.50E-06	2.50E-06
ethylene	1.93E-02	1.86E-02	1.79E-02	1.72E-02	1.65E-02	1.57E-02	1.50E-02	1.43E-02	1.36E-02	1.29E-02	1.22E-02	1.14E-02	NA	NA
formaldehyde	5.70E-03	5.56E-03	5.43E-03	5.29E-03	5.16E-03	5.02E-03	4.88E-03	4.75E-03	4.61E-03	4.48E-03	4.34E-03	4.21E-03	1.30E-05	6.00E-06
hexane, n-	4.57E-03	4.38E-03	4.18E-03	3.99E-03	3.80E-03	3.60E-03	3.41E-03	3.22E-03	3.02E-03	2.83E-03	2.64E-03	2.44E-03	NA	NA
isoprene, except from vegetative emission sources	4.05E-04	3.88E-04	3.71E-04	3.53E-04	3.36E-04	3.19E-04	3.02E-04	2.84E-04	2.67E-04	2.50E-04	2.33E-04	2.16E-04	NA	NA
methyl alcohol	3.40E-04	3.26E-04	3.11E-04	2.97E-04	2.83E-04	2.69E-04	2.54E-04	2.40E-04	2.26E-04	2.12E-04	1.98E-04	1.83E-04	NA	NA
methyl ethyl ketone	1.86E-04	1.89E-04	1.91E-04	1.94E-04	1.97E-04	2.00E-04	2.03E-04	2.06E-04	2.08E-04	2.11E-04	2.14E-04	2.17E-04	NA	NA
naphthalene	1.42E-04	1.37E-04	1.31E-04	1.26E-04	1.21E-04	1.15E-04	1.10E-04	1.04E-04	9.90E-05	9.37E-05	8.83E-05	8.29E-05	3.40E-05	3.40E-05
propionaldehyde	1.79E-04	1.78E-04	1.78E-04	1.77E-04	1.77E-04	1.76E-04	1.75E-04	1.75E-04	1.74E-04	1.74E-04	1.73E-04	1.73E-04	NA	NA
propylene	8.95E-03	8.59E-03	8.22E-03	7.86E-03	7.50E-03	7.14E-03	6.78E-03	6.42E-03	6.06E-03	5.69E-03	5.33E-03	4.97E-03	NA	NA
styrene	3.42E-04	3.28E-04	3.14E-04	3.00E-04	2.86E-04	2.72E-04	2.58E-04	2.43E-04	2.29E-04	2.15E-04	2.01E-04	1.87E-04	NA	NA
toluene	1.66E-02	1.59E-02	1.52E-02	1.45E-02	1.38E-02	1.31E-02	1.24E-02	1.17E-02	1.10E-02	1.03E-02	9.62E-03	8.93E-03	NA	NA
xylene (total)	1.38E-02	1.32E-02	1.27E-02	1.21E-02	1.15E-02	1.09E-02	1.03E-02	9.76E-03	9.18E-03	8.60E-03	8.02E-03	7.44E-03	NA	NA
aluminum	1.06E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.09E-01	1.09E-01	1.09E-01	NA	NA
ammonium ion	2.90E-03	2.91E-03	2.92E-03	2.92E-03	2.93E-03	2.94E-03	2.95E-03	2.95E-03	2.96E-03	2.97E-03	2.97E-03	2.98E-03	NA	NA
antimony	6.77E-05	6.78E-05	6.80E-05	6.82E-05	6.83E-05	6.85E-05	6.87E-05	6.88E-05	6.90E-05	6.92E-05	6.93E-05	6.95E-05	NA	NA
arsenic	1.72E-05	1.73E-05	1.73E-05	1.73E-05	1.74E-05	1.74E-05	1.74E-05	1.74E-05	1.75E-05	1.75E-05	1.75E-05	1.76E-05	4.30E-03	3.30E-03
barium	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.43E-02	NA	NA
bromine	4.95E-05	4.88E-05	4.82E-05	4.76E-05	4.69E-05	4.63E-05	4.57E-05	4.50E-05	4.44E-05	4.38E-05	4.31E-05	4.25E-05	NA	NA
cadmium	3.00E-06	3.01E-06	3.02E-06	3.03E-06	3.04E-06	3.04E-06	3.05E-06	3.06E-06	3.07E-06	3.07E-06	3.08E-06	3.09E-06	1.80E-03	4.20E-03
chlorine	4.55E-03	4.46E-03	4.37E-03	4.28E-03	4.18E-03	4.09E-03	4.00E-03	3.91E-03	3.82E-03	3.73E-03	3.64E-03	3.55E-03	NA	NA
chromium (VI)	2.78E-05	2.78E-05	2.77E-05	2.76E-05	2.76E-05	2.75E-05	2.75E-05	2.74E-05	2.74E-05	2.73E-05	2.73E-05	2.72E-05	1.20E-02	1.50E-01
cobalt	4.17E-05	4.12E-05	4.06E-05	4.00E-05	3.94E-05	3.88E-05	3.82E-05	3.76E-05	3.70E-05	3.64E-05	3.58E-05	3.53E-05	NA	NA
copper	5.16E-03	5.16E-03	5.16E-03	5.15E-03	5.15E-03	5.14E-03	5.14E-03	5.13E-03	5.13E-03	5.12E-03	5.12E-03	5.11E-03	NA	NA
lead	1.60E-04	1.60E-04	1.60E-04	1.61E-04	1.61E-04	1.61E-04	1.62E-04	1.62E-04	1.62E-04	1.62E-04	1.63E-04	1.63E-04	NA	1.20E-05
manganese	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	NA	NA
mercury	8.97E-06	8.99E-06	9.01E-06	9.04E-06	9.06E-06	9.08E-06	9.10E-06	9.12E-06	9.15E-06	9.17E-06	9.19E-06	9.21E-06	NA	NA
nickel	3.20E-04	3.19E-04	3.18E-04	3.18E-04	3.17E-04	3.16E-04	3.15E-04	3.14E-04	3.13E-04	3.12E-04	3.11E-04	3.11E-04	2.40E-04	2.60E-04
non-phosphate phosphorus	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	NA
phosphorus	2.83E-03	2.83E-03	2.84E-03	2.85E-03	2.85E-03	2.86E-03	2.87E-03	2.87E-03	2.88E-03	2.89E-03	2.89E-03	2.90E-03	NA	NA
selenium	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.24E-05	1.24E-05	NA	NA
silicon	3.31E-01	3.32E-01	3.33E-01	3.34E-01	3.34E-01	3.35E-01	3.36E-01	3.37E-01	3.37E-01	3.38E-01	3.39E-01	3.39E-01	NA	NA
silver	1.41E-08	1.43E-08	1.45E-08	1.47E-08	1.49E-08	1.52E-08	1.54E-08	1.56E-08	1.58E-08	1.60E-08	1.62E-08	1.64E-08	NA	NA
sulfates	3.43E-02	3.37E-02	3.31E-02	3.25E-02	3.19E-02	3.14E-02	3.08E-02	3.02E-02	2.96E-02	2.90E-02	2.84E-02	2.78E-02	NA	NA
thallium	3.98E-06	3.99E-06	4.00E-06	4.01E-06	4.02E-06	4.03E-06	4.04E-06	4.05E-06	4.06E-06	4.07E-06	4.08E-06	4.09E-06	NA	NA
vanadium	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	NA	NA
zinc	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	NA	NA
Diesel PM	1.49E-03	1.38E-03	1.26E-03	1.15E-03	1.03E-03	9.17E-04	8.02E-04	6.87E-04	5.73E-04	4.58E-04	3.43E-04	2.29E-04	3.00E-04	3.00E-04

<sup>1</sup> Residential Maximum Grid No. 1431  
NA = Not Available      ug/m<sup>3</sup> = micrograms per cubic meter  
NC = Not Calculated      mg/kg-d = milligrams per kilogram day  
Source: CDM Smith, 2016

Table 3-3.1  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project - Operations - Lifetime Exposure - Adult Resident  
(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**RAGS F Equations**

$$EC = (CA \times ET \times EF \times ED) / (AT)$$

$$\text{Risk} = IUR \times EC$$

$$HQ = EC / REL$$

Where: HQ = Hazard Quotient; EC = Exposure Concentration  
IUR = Inhalation Unit IAT = Averaging Time (for cancer or non-cancer)  
REL = Reference Exposure Level

TAC	Cancer Risk to Adult Resident												Cancer Risks			
	Operation by Year												Ops 2035 - 2053	Ops 2035 - 2093	Cancer Risk to 30-year Resident	Cancer Risk to 70-year Resident
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034					
1,2,4-trimethylbenzene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	3.65E-09	3.50E-09	3.35E-09	3.19E-09	3.04E-09	2.89E-09	2.74E-09	2.59E-09	2.43E-09	2.28E-09	2.13E-09	3.76E-08	1.17E-07	6.94E-08	1.49E-07	1.49E-07
2,2,4-trimethylpentane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	5.17E-11	5.15E-11	5.12E-11	5.10E-11	5.08E-11	5.06E-11	5.03E-11	5.01E-11	4.99E-11	4.97E-11	4.94E-11	9.35E-10	2.90E-09	1.49E-09	3.46E-09	3.46E-09
acrolein	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	2.87E-09	2.75E-09	2.63E-09	2.52E-09	2.40E-09	2.29E-09	2.17E-09	2.05E-09	1.94E-09	1.82E-09	1.70E-09	3.02E-08	9.37E-08	5.53E-08	1.19E-07	1.19E-07
cumene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	1.04E-10	9.94E-11	9.50E-11	9.07E-11	8.64E-11	8.20E-11	7.77E-11	7.34E-11	6.91E-11	6.47E-11	6.04E-11	1.07E-09	3.31E-09	1.97E-09	4.21E-09	4.21E-09
ethylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	4.68E-10	4.57E-10	4.46E-10	4.35E-10	4.24E-10	4.13E-10	4.01E-10	3.90E-10	3.79E-10	3.68E-10	3.57E-10	6.57E-09	2.04E-08	1.11E-08	2.49E-08	2.49E-08
hexane, n-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	6.62E-11	6.37E-11	6.12E-11	5.87E-11	5.62E-11	5.37E-11	5.12E-11	4.86E-11	4.61E-11	4.36E-11	4.11E-11	7.33E-10	2.28E-09	1.32E-09	2.87E-09	2.87E-09
propionaldehyde	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	7.80E-10	7.81E-10	7.82E-10	7.84E-10	7.85E-10	7.86E-10	7.87E-10	7.89E-10	7.90E-10	7.91E-10	7.92E-10	1.51E-08	4.68E-08	2.37E-08	5.55E-08	5.55E-08
barium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	1.73E-10	1.73E-10	1.74E-10	1.74E-10	1.75E-10	1.75E-10	1.76E-10	1.76E-10	1.77E-10	1.77E-10	1.77E-10	3.38E-09	1.05E-08	5.30E-09	1.24E-08	1.24E-08
chlorine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	5.71E-08	5.70E-08	5.69E-08	5.68E-08	5.67E-08	5.66E-08	5.65E-08	5.64E-08	5.63E-08	5.62E-08	5.61E-08	1.06E-06	3.30E-06	1.69E-06	3.92E-06	3.92E-06
cobalt	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	2.63E-11	2.63E-11	2.64E-11	2.64E-11	2.65E-11	2.65E-11	2.66E-11	2.66E-11	2.66E-11	2.67E-11	2.67E-11	5.09E-10	1.58E-09	8.00E-10	1.87E-09	1.87E-09
manganese	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	1.14E-09	1.14E-09	1.13E-09	1.13E-09	1.13E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.11E-09	1.11E-09	2.10E-08	6.53E-08	3.34E-08	7.76E-08	7.76E-08
non-phosphate phosphorous	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	6.12E-09	5.65E-09	5.18E-09	4.71E-09	4.24E-09	3.77E-09	3.30E-09	2.83E-09	2.35E-09	1.88E-09	1.41E-09	1.79E-08	5.55E-08	5.93E-08	9.69E-08	9.69E-08
<b>TOTAL</b>	<b>7.3E-08</b>	<b>7.2E-08</b>	<b>7.1E-08</b>	<b>7.0E-08</b>	<b>6.9E-08</b>	<b>6.8E-08</b>	<b>6.7E-08</b>	<b>6.7E-08</b>	<b>6.6E-08</b>	<b>6.5E-08</b>	<b>6.4E-08</b>	<b>1.2E-06</b>	<b>3.7E-06</b>	<b>1.9E-06</b>	<b>4.5E-06</b>	<b>4.5E-06</b>

NA = Not Available  
NC = Not Calculated  
Source: CDM Smith, 2016

ug/m<sup>3</sup> = micrograms per cubic meter  
mg/kg-d = milligrams per kilogram day

Table 3-3.2  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project - Operations - Lifetime Exposure - Child Resident  
(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

Exposure Parameters	Residential Child											Toxicity Criteria		
	24 (hrs/day)											EPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	
	6 (years)													
Exposure Duration	350 (days/year)													
Exposure Frequency	52560 (hrs)													
Averaging Time (non-carcinogenic)	613200 (hrs)													
Averaging Time (carcinogenic)														
TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )													
	Operation by Year													
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035		
1,2,4-trimethylbenzene	2.81E-03	2.69E-03	2.58E-03	2.46E-03	2.35E-03	2.23E-03	2.12E-03	2.00E-03	1.88E-03	1.77E-03	1.65E-03	1.54E-03	NA	NA
1,3-butadiene	1.57E-03	1.50E-03	1.44E-03	1.37E-03	1.31E-03	1.24E-03	1.18E-03	1.11E-03	1.05E-03	9.80E-04	9.15E-04	8.50E-04	3.00E-05	1.70E-04
2,2,4-trimethylpentane	6.60E-03	6.33E-03	6.05E-03	5.77E-03	5.49E-03	5.21E-03	4.93E-03	4.65E-03	4.38E-03	4.10E-03	3.82E-03	3.54E-03	NA	NA
acetaldehyde	1.40E-03	1.39E-03	1.39E-03	1.38E-03	1.37E-03	1.37E-03	1.36E-03	1.35E-03	1.35E-03	1.34E-03	1.34E-03	1.33E-03	2.20E-06	2.70E-06
acrolein	3.71E-04	3.55E-04	3.40E-04	3.24E-04	3.08E-04	2.92E-04	2.77E-04	2.61E-04	2.45E-04	2.29E-04	2.13E-04	1.98E-04	NA	NA
benzene	7.21E-03	6.92E-03	6.63E-03	6.34E-03	6.04E-03	5.75E-03	5.46E-03	5.17E-03	4.88E-03	4.58E-03	4.29E-03	4.00E-03	7.80E-06	2.90E-05
cumene	3.53E-05	3.40E-05	3.26E-05	3.13E-05	2.99E-05	2.86E-05	2.72E-05	2.58E-05	2.45E-05	2.31E-05	2.18E-05	2.04E-05	NA	NA
cyclohexane	1.76E-03	1.68E-03	1.61E-03	1.53E-03	1.46E-03	1.38E-03	1.31E-03	1.24E-03	1.16E-03	1.09E-03	1.01E-03	9.38E-04	NA	NA
ethylbenzene	3.03E-03	2.90E-03	2.78E-03	2.65E-03	2.52E-03	2.40E-03	2.27E-03	2.14E-03	2.02E-03	1.89E-03	1.76E-03	1.64E-03	2.50E-06	2.50E-06
ethylene	1.93E-02	1.86E-02	1.79E-02	1.72E-02	1.65E-02	1.57E-02	1.50E-02	1.43E-02	1.36E-02	1.29E-02	1.22E-02	1.14E-02	NA	NA
formaldehyde	5.70E-03	5.56E-03	5.43E-03	5.29E-03	5.16E-03	5.02E-03	4.88E-03	4.75E-03	4.61E-03	4.48E-03	4.34E-03	4.21E-03	1.30E-05	6.00E-06
hexane, n-	4.57E-03	4.38E-03	4.18E-03	3.99E-03	3.80E-03	3.60E-03	3.41E-03	3.22E-03	3.02E-03	2.83E-03	2.64E-03	2.44E-03	NA	NA
isoprene, except from vegetative emission sources	4.05E-04	3.88E-04	3.71E-04	3.53E-04	3.36E-04	3.19E-04	3.02E-04	2.84E-04	2.67E-04	2.50E-04	2.33E-04	2.16E-04	NA	NA
methyl alcohol	3.40E-04	3.26E-04	3.11E-04	2.97E-04	2.83E-04	2.69E-04	2.54E-04	2.40E-04	2.26E-04	2.12E-04	1.98E-04	1.83E-04	NA	NA
methyl ethyl ketone	1.86E-04	1.89E-04	1.91E-04	1.94E-04	1.97E-04	2.00E-04	2.03E-04	2.06E-04	2.08E-04	2.11E-04	2.14E-04	2.17E-04	NA	NA
naphthalene	1.42E-04	1.37E-04	1.31E-04	1.26E-04	1.21E-04	1.15E-04	1.10E-04	1.04E-04	9.90E-05	9.37E-05	8.83E-05	8.29E-05	3.40E-05	3.40E-05
propionaldehyde	1.79E-04	1.78E-04	1.78E-04	1.77E-04	1.77E-04	1.76E-04	1.75E-04	1.75E-04	1.74E-04	1.74E-04	1.73E-04	1.73E-04	NA	NA
propylene	8.95E-03	8.59E-03	8.22E-03	7.86E-03	7.50E-03	7.14E-03	6.78E-03	6.42E-03	6.06E-03	5.69E-03	5.33E-03	4.97E-03	NA	NA
styrene	3.42E-04	3.28E-04	3.14E-04	3.00E-04	2.86E-04	2.72E-04	2.58E-04	2.43E-04	2.29E-04	2.15E-04	2.01E-04	1.87E-04	NA	NA
toluene	1.66E-02	1.59E-02	1.52E-02	1.45E-02	1.38E-02	1.31E-02	1.24E-02	1.17E-02	1.10E-02	1.03E-02	9.62E-03	8.93E-03	NA	NA
xylene (total)	1.38E-02	1.32E-02	1.27E-02	1.21E-02	1.15E-02	1.09E-02	1.03E-02	9.76E-03	9.18E-03	8.60E-03	8.02E-03	7.44E-03	NA	NA
aluminum	1.06E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.09E-01	1.09E-01	1.09E-01	NA	NA
ammonium Ion	2.90E-03	2.91E-03	2.92E-03	2.92E-03	2.93E-03	2.94E-03	2.95E-03	2.95E-03	2.96E-03	2.97E-03	2.97E-03	2.98E-03	NA	NA
antimony	6.77E-05	6.78E-05	6.80E-05	6.82E-05	6.83E-05	6.85E-05	6.87E-05	6.88E-05	6.90E-05	6.92E-05	6.93E-05	6.95E-05	NA	NA
arsenic	1.72E-05	1.73E-05	1.73E-05	1.73E-05	1.74E-05	1.74E-05	1.74E-05	1.74E-05	1.75E-05	1.75E-05	1.75E-05	1.76E-05	4.30E-03	3.30E-03
barium	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.43E-02	NA	NA
bromine	4.95E-05	4.88E-05	4.82E-05	4.76E-05	4.69E-05	4.63E-05	4.57E-05	4.50E-05	4.44E-05	4.38E-05	4.31E-05	4.25E-05	NA	NA
cadmium	3.00E-06	3.01E-06	3.02E-06	3.03E-06	3.04E-06	3.04E-06	3.05E-06	3.06E-06	3.07E-06	3.07E-06	3.08E-06	3.09E-06	1.80E-03	4.20E-03
chlorine	4.55E-03	4.46E-03	4.37E-03	4.28E-03	4.18E-03	4.09E-03	4.00E-03	3.91E-03	3.82E-03	3.73E-03	3.64E-03	3.55E-03	NA	NA
chromium (VI)	2.78E-05	2.78E-05	2.77E-05	2.76E-05	2.76E-05	2.75E-05	2.75E-05	2.74E-05	2.74E-05	2.73E-05	2.73E-05	2.72E-05	1.20E-02	1.50E-01
cobalt	4.17E-05	4.12E-05	4.06E-05	4.00E-05	3.94E-05	3.88E-05	3.82E-05	3.76E-05	3.70E-05	3.64E-05	3.58E-05	3.53E-05	NA	NA
copper	5.16E-03	5.16E-03	5.16E-03	5.15E-03	5.15E-03	5.14E-03	5.14E-03	5.13E-03	5.13E-03	5.12E-03	5.12E-03	5.11E-03	NA	NA
lead	1.60E-04	1.60E-04	1.60E-04	1.61E-04	1.61E-04	1.61E-04	1.62E-04	1.62E-04	1.62E-04	1.62E-04	1.63E-04	1.63E-04	NA	1.20E-05
manganese	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	NA	NA
mercury	8.97E-06	8.99E-06	9.01E-06	9.04E-06	9.06E-06	9.08E-06	9.10E-06	9.12E-06	9.15E-06	9.17E-06	9.19E-06	9.21E-06	NA	NA
nickel	3.20E-04	3.19E-04	3.18E-04	3.18E-04	3.17E-04	3.16E-04	3.15E-04	3.14E-04	3.13E-04	3.12E-04	3.11E-04	3.11E-04	2.40E-04	2.60E-04
non-phosphate phosphorous	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	NA
phosphorus	2.83E-03	2.83E-03	2.84E-03	2.85E-03	2.85E-03	2.86E-03	2.87E-03	2.87E-03	2.88E-03	2.89E-03	2.89E-03	2.90E-03	NA	NA
selenium	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.24E-05	1.24E-05	NA	NA
silicon	3.31E-01	3.32E-01	3.33E-01	3.34E-01	3.34E-01	3.35E-01	3.36E-01	3.37E-01	3.37E-01	3.38E-01	3.39E-01	3.39E-01	NA	NA
silver	1.41E-08	1.43E-08	1.45E-08	1.47E-08	1.49E-08	1.52E-08	1.54E-08	1.56E-08	1.58E-08	1.60E-08	1.62E-08	1.64E-08	NA	NA
sulfates	3.43E-02	3.37E-02	3.31E-02	3.25E-02	3.19E-02	3.14E-02	3.08E-02	3.02E-02	2.96E-02	2.90E-02	2.84E-02	2.78E-02	NA	NA
thallium	3.98E-06	3.99E-06	4.00E-06	4.01E-06	4.02E-06	4.03E-06	4.04E-06	4.05E-06	4.06E-06	4.07E-06	4.08E-06	4.09E-06	NA	NA
vanadium	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	NA	NA
zinc	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	NA	NA
Diesel PM	1.49E-03	1.38E-03	1.26E-03	1.15E-03	1.03E-03	9.17E-04	8.02E-04	6.87E-04	5.73E-04	4.58E-04	3.43E-04	2.29E-04	3.00E-04	3.00E-04

<sup>1</sup> Residential Maximum Grid No. 1431  
NA = Not Available  
NC = Not Calculated  
Source: CDM Smith, 2016  
ug/m<sup>3</sup> = micrograms per cubic meter  
mg/kg-d = milligrams per kilogram day

Table 3-3.2  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project - Operations - Lifetime Expo  
(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

**RAGS F Equations**

$$EC = (CA \times ET \times EF \times ED) / (AT)$$

$$Risk = IUR \times EC$$

$$HQ = EC / REL$$

Where: HQ = Hazard Quotient; EC = Exposure Concentration  
IUR = Inhalation Unit IAT = Averaging Time (for cancer or non-cancer)  
REL = Reference Exposure Level

TAC	Cancer Risk to Child Resident								Cancer Risks		
	Operation by Year								Cancer Risk to 6-Yr Child Resident	Cancer Risk to 9-Yr Child Resident	
	2024	2025	2026	2027	2028	2029	2030	2031			2032
1,2,4-trimethylbenzene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	3.65E-09	3.50E-09	3.35E-09	3.19E-09	3.04E-09	2.89E-09	2.74E-09	2.59E-09	2.43E-09	1.96E-08	2.74E-08
2,2,4-trimethylpentane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	5.17E-11	5.15E-11	5.12E-11	5.10E-11	5.08E-11	5.06E-11	5.03E-11	5.01E-11	4.99E-11	3.07E-10	4.57E-10
acrolein	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	2.87E-09	2.75E-09	2.63E-09	2.52E-09	2.40E-09	2.29E-09	2.17E-09	2.05E-09	1.94E-09	1.55E-08	2.16E-08
cumene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	1.04E-10	9.94E-11	9.50E-11	9.07E-11	8.64E-11	8.20E-11	7.77E-11	7.34E-11	6.91E-11	5.57E-10	7.77E-10
ethylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	4.68E-10	4.57E-10	4.46E-10	4.35E-10	4.24E-10	4.13E-10	4.01E-10	3.90E-10	3.79E-10	2.64E-09	3.81E-09
hexane, n-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	6.62E-11	6.37E-11	6.12E-11	5.87E-11	5.62E-11	5.37E-11	5.12E-11	4.86E-11	4.61E-11	3.60E-10	5.06E-10
propionaldehyde	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	7.80E-10	7.81E-10	7.82E-10	7.84E-10	7.85E-10	7.86E-10	7.87E-10	7.89E-10	7.90E-10	4.70E-09	7.06E-09
barium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	1.73E-10	1.73E-10	1.74E-10	1.74E-10	1.75E-10	1.75E-10	1.76E-10	1.76E-10	1.76E-10	1.04E-09	1.57E-09
chlorine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	5.71E-08	5.70E-08	5.69E-08	5.68E-08	5.67E-08	5.66E-08	5.65E-08	5.64E-08	5.63E-08	3.41E-07	5.10E-07
cobalt	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	2.63E-11	2.63E-11	2.64E-11	2.64E-11	2.65E-11	2.65E-11	2.66E-11	2.66E-11	2.66E-11	1.58E-10	2.38E-10
manganese	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	1.14E-09	1.14E-09	1.13E-09	1.13E-09	1.13E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	6.79E-09	1.01E-08
non-phosphate phosphorous	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	6.12E-09	5.65E-09	5.18E-09	4.71E-09	4.24E-09	3.77E-09	3.30E-09	2.83E-09	2.35E-09	2.97E-08	3.81E-08
<b>TOTAL</b>	<b>7.3E-08</b>	<b>7.2E-08</b>	<b>7.1E-08</b>	<b>7.0E-08</b>	<b>6.9E-08</b>	<b>6.8E-08</b>	<b>6.7E-08</b>	<b>6.7E-08</b>	<b>6.6E-08</b>	<b>4.2E-07</b>	<b>6.2E-07</b>

NA = Not Available      ug/m<sup>3</sup> = micrograms per cubic meter  
NC = Not Calculated      mg/kg-d = milligrams per kilogram day  
Source: CDM Smith, 2016

Table 3-3.3  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project - Operations - Lifetime Exposure - School Child  
(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)

TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )											Toxicity Criteria		
	Operation by Year											EPA	CalEPA	
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>
Exposure Parameters	School Child													
Exposure Time	8 (hrs/day)													
Exposure Duration	6 (years)													
Exposure Frequency	200 (days/year)													
Averaging Time (non-carcinogenic)	52560 (hrs)													
Averaging Time (carcinogenic)	613200 (hrs)													
1,2,4-trimethylbenzene	2.81E-03	2.69E-03	2.58E-03	2.46E-03	2.35E-03	2.23E-03	2.12E-03	2.00E-03	1.88E-03	1.77E-03	1.65E-03	1.54E-03	NA	NA
1,3-butadiene	1.57E-03	1.50E-03	1.44E-03	1.37E-03	1.31E-03	1.24E-03	1.18E-03	1.11E-03	1.05E-03	9.80E-04	9.15E-04	8.50E-04	3.00E-05	1.70E-04
2,2,4-trimethylpentane	6.60E-03	6.33E-03	6.05E-03	5.77E-03	5.49E-03	5.21E-03	4.93E-03	4.65E-03	4.38E-03	4.10E-03	3.82E-03	3.54E-03	NA	NA
acetaldehyde	1.40E-03	1.39E-03	1.39E-03	1.38E-03	1.37E-03	1.37E-03	1.36E-03	1.35E-03	1.35E-03	1.34E-03	1.34E-03	1.33E-03	2.20E-06	2.70E-06
acrolein	3.71E-04	3.55E-04	3.40E-04	3.24E-04	3.08E-04	2.92E-04	2.77E-04	2.61E-04	2.45E-04	2.29E-04	2.13E-04	1.98E-04	NA	NA
benzene	7.21E-03	6.92E-03	6.63E-03	6.34E-03	6.04E-03	5.75E-03	5.46E-03	5.17E-03	4.88E-03	4.58E-03	4.29E-03	4.00E-03	7.80E-06	2.90E-05
cumene	3.53E-05	3.40E-05	3.26E-05	3.13E-05	2.99E-05	2.86E-05	2.72E-05	2.58E-05	2.45E-05	2.31E-05	2.18E-05	2.04E-05	NA	NA
cyclohexane	1.76E-03	1.68E-03	1.61E-03	1.53E-03	1.46E-03	1.38E-03	1.31E-03	1.24E-03	1.16E-03	1.09E-03	1.01E-03	9.38E-04	NA	NA
ethylbenzene	3.03E-03	2.90E-03	2.78E-03	2.65E-03	2.52E-03	2.40E-03	2.27E-03	2.14E-03	2.02E-03	1.89E-03	1.76E-03	1.64E-03	2.50E-06	2.50E-06
ethylene	1.93E-02	1.86E-02	1.79E-02	1.72E-02	1.65E-02	1.57E-02	1.50E-02	1.43E-02	1.36E-02	1.29E-02	1.22E-02	1.14E-02	NA	NA
formaldehyde	5.70E-03	5.56E-03	5.43E-03	5.29E-03	5.16E-03	5.02E-03	4.88E-03	4.75E-03	4.61E-03	4.48E-03	4.34E-03	4.21E-03	1.30E-05	6.00E-06
hexane, n-	4.57E-03	4.38E-03	4.18E-03	3.99E-03	3.80E-03	3.60E-03	3.41E-03	3.22E-03	3.02E-03	2.83E-03	2.64E-03	2.44E-03	NA	NA
isoprene, except from vegetative emission sources	4.05E-04	3.88E-04	3.71E-04	3.53E-04	3.36E-04	3.19E-04	3.02E-04	2.84E-04	2.67E-04	2.50E-04	2.33E-04	2.16E-04	NA	NA
methyl alcohol	3.40E-04	3.26E-04	3.11E-04	2.97E-04	2.83E-04	2.69E-04	2.54E-04	2.40E-04	2.26E-04	2.12E-04	1.98E-04	1.83E-04	NA	NA
methyl ethyl ketone	1.86E-04	1.89E-04	1.91E-04	1.94E-04	1.97E-04	2.00E-04	2.03E-04	2.06E-04	2.08E-04	2.11E-04	2.14E-04	2.17E-04	NA	NA
naphthalene	1.42E-04	1.37E-04	1.31E-04	1.26E-04	1.21E-04	1.15E-04	1.10E-04	1.04E-04	9.90E-05	9.37E-05	8.83E-05	8.29E-05	3.40E-05	3.40E-05
propionaldehyde	1.79E-04	1.78E-04	1.78E-04	1.77E-04	1.77E-04	1.76E-04	1.75E-04	1.75E-04	1.74E-04	1.74E-04	1.73E-04	1.73E-04	NA	NA
propylene	8.95E-03	8.59E-03	8.22E-03	7.86E-03	7.50E-03	7.14E-03	6.78E-03	6.42E-03	6.06E-03	5.69E-03	5.33E-03	4.97E-03	NA	NA
styrene	3.42E-04	3.28E-04	3.14E-04	3.00E-04	2.86E-04	2.72E-04	2.58E-04	2.43E-04	2.29E-04	2.15E-04	2.01E-04	1.87E-04	NA	NA
toluene	1.66E-02	1.59E-02	1.52E-02	1.45E-02	1.38E-02	1.31E-02	1.24E-02	1.17E-02	1.10E-02	1.03E-02	9.62E-03	8.93E-03	NA	NA
xylene (total)	1.38E-02	1.32E-02	1.27E-02	1.21E-02	1.15E-02	1.09E-02	1.03E-02	9.76E-03	9.18E-03	8.60E-03	8.02E-03	7.44E-03	NA	NA
aluminum	1.06E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.09E-01	1.09E-01	1.09E-01	NA	NA
ammonium ion	2.90E-03	2.91E-03	2.92E-03	2.92E-03	2.93E-03	2.94E-03	2.95E-03	2.95E-03	2.96E-03	2.97E-03	2.97E-03	2.98E-03	NA	NA
antimony	6.77E-05	6.78E-05	6.80E-05	6.82E-05	6.83E-05	6.85E-05	6.87E-05	6.88E-05	6.90E-05	6.92E-05	6.93E-05	6.95E-05	NA	NA
arsenic	1.72E-05	1.73E-05	1.73E-05	1.73E-05	1.74E-05	1.74E-05	1.74E-05	1.74E-05	1.75E-05	1.75E-05	1.75E-05	1.76E-05	4.30E-03	3.30E-03
barium	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.43E-02	NA	NA
bromine	4.95E-05	4.88E-05	4.82E-05	4.76E-05	4.69E-05	4.63E-05	4.57E-05	4.50E-05	4.44E-05	4.38E-05	4.31E-05	4.25E-05	NA	NA
cadmium	3.00E-06	3.01E-06	3.02E-06	3.03E-06	3.04E-06	3.04E-06	3.05E-06	3.06E-06	3.07E-06	3.07E-06	3.08E-06	3.09E-06	1.80E-03	4.20E-03
chlorine	4.55E-03	4.46E-03	4.37E-03	4.28E-03	4.18E-03	4.09E-03	4.00E-03	3.91E-03	3.82E-03	3.73E-03	3.64E-03	3.55E-03	NA	NA
chromium (VI)	2.78E-05	2.78E-05	2.77E-05	2.76E-05	2.76E-05	2.75E-05	2.75E-05	2.74E-05	2.74E-05	2.73E-05	2.73E-05	2.72E-05	1.20E-02	1.50E-01
cobalt	4.17E-05	4.12E-05	4.06E-05	4.00E-05	3.94E-05	3.88E-05	3.82E-05	3.76E-05	3.70E-05	3.64E-05	3.58E-05	3.53E-05	NA	NA
copper	5.16E-03	5.16E-03	5.16E-03	5.15E-03	5.15E-03	5.14E-03	5.14E-03	5.13E-03	5.13E-03	5.12E-03	5.12E-03	5.11E-03	NA	NA
lead	1.60E-04	1.60E-04	1.60E-04	1.61E-04	1.61E-04	1.61E-04	1.62E-04	1.62E-04	1.62E-04	1.62E-04	1.63E-04	1.63E-04	NA	1.20E-05
manganese	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	NA	NA
mercury	8.97E-06	8.99E-06	9.01E-06	9.04E-06	9.06E-06	9.08E-06	9.10E-06	9.12E-06	9.15E-06	9.17E-06	9.19E-06	9.21E-06	NA	NA
nickel	3.20E-04	3.19E-04	3.18E-04	3.18E-04	3.17E-04	3.16E-04	3.15E-04	3.14E-04	3.13E-04	3.12E-04	3.11E-04	3.11E-04	2.40E-04	2.60E-04
non-phosphate phosphorous	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	NA
phosphorus	2.83E-03	2.83E-03	2.84E-03	2.85E-03	2.85E-03	2.86E-03	2.87E-03	2.87E-03	2.88E-03	2.89E-03	2.89E-03	2.90E-03	NA	NA
selenium	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.25E-05	1.24E-05	1.24E-05	NA	NA
silicon	3.31E-01	3.32E-01	3.33E-01	3.34E-01	3.34E-01	3.35E-01	3.36E-01	3.37E-01	3.37E-01	3.38E-01	3.39E-01	3.39E-01	NA	NA
silver	1.41E-08	1.43E-08	1.45E-08	1.47E-08	1.49E-08	1.52E-08	1.54E-08	1.56E-08	1.58E-08	1.60E-08	1.62E-08	1.64E-08	NA	NA
sulfates	3.43E-02	3.37E-02	3.31E-02	3.25E-02	3.19E-02	3.14E-02	3.08E-02	3.02E-02	2.96E-02	2.90E-02	2.84E-02	2.78E-02	NA	NA
thallium	3.98E-06	3.99E-06	4.00E-06	4.01E-06	4.02E-06	4.03E-06	4.04E-06	4.05E-06	4.06E-06	4.07E-06	4.08E-06	4.09E-06	NA	NA
vanadium	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	3.55E-04	NA	NA
zinc	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.62E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	NA	NA
Diesel PM	1.49E-03	1.38E-03	1.26E-03	1.15E-03	1.03E-03	9.17E-04	8.02E-04	6.87E-04	5.73E-04	4.58E-04	3.43E-04	2.29E-04	3.00E-04	3.00E-04

<sup>1</sup> Residential Maximum Grid No. 1431

NA = Not Available  
NC = Not Calculated  
Source: CDM Smith, 2016  
ug/m<sup>3</sup> = micrograms per cubic meter  
mg/kg-d = milligrams per kilogram day

Table 3-3.3  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project - Operations - Lifetime Exposure - School Child  
(Based on Peak Location of Residential Cancer Risks')

**RAGS F Equations**

$$EC = (CA \times ET \times EF \times ED) / (AT)$$

$$Risk = IUR \times EC$$

$$HQ = EC / REL$$

Where: HQ = Hazard Quotient EC = Exposure Concentration  
IUR = Inhalation Unit IAT = Averaging Time (for cancer or non-cancer)  
REL = Reference Exposure Level

TAC	Cancer Risk to School Child												Cancer Risks			
	Operation by Year											Ops	Cancer Risk to 6-yr School Child	Cancer Risk to 9-yr School Child	Cancer Risk to 12-yr School Child	
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035				
1,2,4-trimethylbenzene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	6.95E-10	6.66E-10	6.37E-10	6.08E-10	5.80E-10	5.51E-10	5.22E-10	4.93E-10	4.64E-10	4.35E-10	4.06E-10	3.77E-10	3.74E-09	5.22E-09	6.43E-09	
2,2,4-trimethylpentane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	9.84E-12	9.80E-12	9.76E-12	9.72E-12	9.67E-12	9.63E-12	9.59E-12	9.54E-12	9.50E-12	9.46E-12	9.41E-12	9.37E-12	5.84E-11	8.71E-11	1.15E-10	
acrolein	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	5.46E-10	5.24E-10	5.02E-10	4.79E-10	4.57E-10	4.35E-10	4.13E-10	3.91E-10	3.69E-10	3.47E-10	3.25E-10	3.03E-10	2.94E-09	4.12E-09	5.09E-09	
cumene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	1.98E-11	1.89E-11	1.81E-11	1.73E-11	1.65E-11	1.56E-11	1.48E-11	1.40E-11	1.32E-11	1.23E-11	1.15E-11	1.07E-11	1.06E-10	1.48E-10	1.83E-10	
ethylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	8.92E-11	8.71E-11	8.50E-11	8.28E-11	8.07E-11	7.86E-11	7.65E-11	7.43E-11	7.22E-11	7.01E-11	6.80E-11	6.59E-11	5.03E-10	7.26E-10	9.30E-10	
hexane, n-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	1.26E-11	1.21E-11	1.17E-11	1.12E-11	1.07E-11	1.02E-11	9.74E-12	9.27E-12	8.79E-12	8.31E-12	7.83E-12	7.35E-12	6.85E-11	9.63E-11	1.20E-10	
propionaldehyde	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	1.49E-10	1.49E-10	1.49E-10	1.49E-10	1.49E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.51E-10	1.51E-10	1.51E-10	8.95E-10	1.35E-09	1.80E-09	
barium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	3.29E-11	3.30E-11	3.31E-11	3.32E-11	3.33E-11	3.33E-11	3.34E-11	3.35E-11	3.36E-11	3.37E-11	3.38E-11	3.39E-11	1.99E-10	2.99E-10	4.01E-10	
chlorine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	1.09E-08	1.09E-08	1.08E-08	1.08E-08	1.08E-08	1.08E-08	1.08E-08	1.07E-08	1.07E-08	1.07E-08	1.07E-08	1.07E-08	6.50E-08	9.72E-08	1.29E-07	
cobalt	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	5.01E-12	5.02E-12	5.02E-12	5.03E-12	5.04E-12	5.05E-12	5.06E-12	5.07E-12	5.07E-12	5.08E-12	5.09E-12	5.10E-12	3.02E-11	4.54E-11	6.06E-11	
manganese	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	2.17E-10	2.17E-10	2.16E-10	2.15E-10	2.15E-10	2.14E-10	2.14E-10	2.13E-10	2.12E-10	2.12E-10	2.11E-10	2.11E-10	1.29E-09	1.93E-09	2.57E-09	
non-phosphate phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	1.17E-09	1.08E-09	9.87E-10	8.97E-10	8.07E-10	7.18E-10	6.28E-10	5.38E-10	4.48E-10	3.59E-10	2.69E-10	1.79E-10	5.65E-09	7.27E-09	8.07E-09	
<b>TOTAL</b>	<b>1.4E-08</b>	<b>1.4E-08</b>	<b>1.3E-08</b>	<b>1.2E-08</b>	<b>1.2E-08</b>	<b>1.2E-08</b>	<b>8.0E-08</b>	<b>1.2E-07</b>	<b>1.5E-07</b>							

NA = Not Available  
NC = Not Calculated  
Source: CDM Smith, 2016

ug/m<sup>3</sup> = micrograms per cubic meter  
mg/kg-d = milligrams per kilogram day

**Table 3-3.4**  
**RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project - Operations - Lifetime Exposure - Off-Airport Worker**  
**(Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)**

Exposure Parameters	Adult Worker												Toxicity Criteria	
	8 (hrs/day)												EPA Inhalation Unit Risk ( $\mu\text{g}/\text{m}^3\text{-}1$ )	CalEPA Inhalation Unit Risk ( $\mu\text{g}/\text{m}^3\text{-}1$ )
	25 (years)													
Exposure Duration	250 (days/year)													
Exposure Frequency	219000 (hrs)													
Averaging Time (non-carcinogenic)	613200 (hrs)													
	Concentration at Location w/Maximum Risk ( $\mu\text{g}/\text{m}^3$ )													
	Operation by Year													
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035		
TAC														
1,2,4-trimethylbenzene	8.54E-04	8.12E-04	7.71E-04	7.29E-04	6.87E-04	6.45E-04	6.04E-04	5.62E-04	5.20E-04	4.79E-04	4.37E-04	3.95E-04	NA	NA
1,3-butadiene	4.76E-04	4.52E-04	4.29E-04	4.05E-04	3.82E-04	3.59E-04	3.35E-04	3.12E-04	2.88E-04	2.65E-04	2.42E-04	2.18E-04	3.00E-05	1.70E-04
2,2,4-trimethylpentane	2.00E-03	1.90E-03	1.80E-03	1.70E-03	1.60E-03	1.50E-03	1.40E-03	1.30E-03	1.21E-03	1.11E-03	1.01E-03	9.08E-04	NA	NA
acetaldehyde	4.86E-04	4.74E-04	4.62E-04	4.51E-04	4.39E-04	4.28E-04	4.16E-04	4.04E-04	3.93E-04	3.81E-04	3.70E-04	3.58E-04	2.20E-06	2.70E-06
acrolein	1.12E-04	1.07E-04	1.01E-04	9.54E-05	8.98E-05	8.42E-05	7.86E-05	7.30E-05	6.74E-05	6.18E-05	5.62E-05	5.06E-05	NA	NA
benzene	2.20E-03	2.09E-03	1.99E-03	1.88E-03	1.77E-03	1.67E-03	1.56E-03	1.45E-03	1.35E-03	1.24E-03	1.14E-03	1.03E-03	7.80E-06	2.90E-05
cumene	1.09E-05	1.04E-05	9.84E-06	9.34E-06	8.83E-06	8.32E-06	7.81E-06	7.31E-06	6.80E-06	6.29E-06	5.78E-06	5.28E-06	NA	NA
cyclohexane	5.31E-04	5.05E-04	4.79E-04	4.52E-04	4.26E-04	3.99E-04	3.73E-04	3.46E-04	3.20E-04	2.93E-04	2.67E-04	2.40E-04	NA	NA
ethylbenzene	9.18E-04	8.73E-04	8.28E-04	7.82E-04	7.37E-04	6.92E-04	6.47E-04	6.01E-04	5.56E-04	5.11E-04	4.65E-04	4.20E-04	2.50E-06	2.50E-06
ethylene	5.97E-03	5.70E-03	5.42E-03	5.15E-03	4.88E-03	4.60E-03	4.33E-03	4.06E-03	3.78E-03	3.51E-03	3.24E-03	2.97E-03	NA	NA
formaldehyde	1.85E-03	1.78E-03	1.72E-03	1.65E-03	1.58E-03	1.51E-03	1.45E-03	1.38E-03	1.31E-03	1.25E-03	1.18E-03	1.11E-03	1.30E-05	6.00E-06
hexane, n-	1.38E-03	1.31E-03	1.25E-03	1.18E-03	1.11E-03	1.04E-03	9.70E-04	9.02E-04	8.33E-04	7.64E-04	6.96E-04	6.27E-04	NA	NA
isoprene, except from vegetative emission sources	1.22E-04	1.16E-04	1.10E-04	1.04E-04	9.80E-05	9.19E-05	8.58E-05	7.97E-05	7.36E-05	6.75E-05	6.13E-05	5.52E-05	NA	NA
methyl alcohol	1.03E-04	9.79E-05	9.28E-05	8.77E-05	8.27E-05	7.76E-05	7.25E-05	6.74E-05	6.23E-05	5.72E-05	5.21E-05	4.70E-05	NA	NA
methyl ethyl ketone	6.89E-05	6.80E-05	6.71E-05	6.62E-05	6.53E-05	6.44E-05	6.35E-05	6.26E-05	6.17E-05	6.08E-05	5.99E-05	5.91E-05	NA	NA
naphthalene	4.38E-05	4.17E-05	3.97E-05	3.77E-05	3.56E-05	3.36E-05	3.16E-05	2.96E-05	2.75E-05	2.55E-05	2.35E-05	2.14E-05	3.40E-05	3.40E-05
propionaldehyde	6.24E-05	6.09E-05	5.95E-05	5.80E-05	5.66E-05	5.52E-05	5.37E-05	5.23E-05	5.08E-05	4.94E-05	4.79E-05	4.65E-05	NA	NA
propylene	2.73E-03	2.60E-03	2.46E-03	2.33E-03	2.20E-03	2.07E-03	1.94E-03	1.81E-03	1.67E-03	1.54E-03	1.41E-03	1.28E-03	NA	NA
styrene	1.04E-04	9.89E-05	9.38E-05	8.87E-05	8.36E-05	7.86E-05	7.35E-05	6.84E-05	6.33E-05	5.82E-05	5.31E-05	4.81E-05	NA	NA
toluene	5.02E-03	4.77E-03	4.52E-03	4.27E-03	4.03E-03	3.78E-03	3.53E-03	3.28E-03	3.03E-03	2.79E-03	2.54E-03	2.29E-03	NA	NA
xylene (total)	4.19E-03	3.98E-03	3.77E-03	3.57E-03	3.36E-03	3.15E-03	2.94E-03	2.74E-03	2.53E-03	2.32E-03	2.12E-03	1.91E-03	NA	NA
aluminum	4.75E-02	4.75E-02	4.75E-02	4.74E-02	4.74E-02	4.74E-02	4.74E-02	4.73E-02	4.73E-02	4.73E-02	4.73E-02	4.72E-02	NA	NA
ammonium Ion	1.30E-03	1.30E-03	1.30E-03	1.29E-03	NA	NA								
antimony	3.02E-05	3.02E-05	3.02E-05	3.02E-05	3.02E-05	3.02E-05	3.01E-05	3.01E-05	3.01E-05	3.01E-05	3.01E-05	3.01E-05	NA	NA
arsenic	7.70E-06	7.69E-06	7.68E-06	7.67E-06	7.66E-06	7.65E-06	7.64E-06	7.63E-06	7.62E-06	7.61E-06	7.60E-06	7.59E-06	4.30E-03	3.30E-03
barium	1.10E-02	1.09E-02	1.09E-02	1.08E-02	1.08E-02	1.07E-02	1.07E-02	1.07E-02	1.06E-02	1.06E-02	1.06E-02	1.05E-02	NA	NA
bromine	1.94E-05	1.91E-05	1.88E-05	1.85E-05	1.83E-05	1.80E-05	1.77E-05	1.74E-05	1.72E-05	1.69E-05	1.66E-05	1.63E-05	NA	NA
cadmium	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.80E-03	4.20E-03
chlorine	1.65E-03	1.61E-03	1.58E-03	1.54E-03	1.50E-03	1.47E-03	1.43E-03	1.39E-03	1.36E-03	1.32E-03	1.29E-03	1.25E-03	NA	NA
chromium (VI)	1.23E-05	1.22E-05	1.22E-05	1.21E-05	1.21E-05	1.20E-05	1.19E-05	1.19E-05	1.18E-05	1.18E-05	1.17E-05	1.17E-05	1.20E-02	1.50E-01
cobalt	1.59E-05	1.57E-05	1.54E-05	1.52E-05	1.49E-05	1.47E-05	1.44E-05	1.42E-05	1.39E-05	1.37E-05	1.35E-05	1.32E-05	NA	NA
copper	2.30E-03	2.30E-03	2.29E-03	2.28E-03	2.27E-03	2.26E-03	2.25E-03	2.24E-03	2.24E-03	2.23E-03	2.22E-03	2.21E-03	NA	NA
lead	7.14E-05	7.13E-05	7.12E-05	7.12E-05	7.11E-05	7.10E-05	7.09E-05	7.08E-05	7.07E-05	7.06E-05	7.05E-05	7.05E-05	NA	1.20E-05
manganese	6.93E-04	6.91E-04	6.89E-04	6.88E-04	6.86E-04	6.85E-04	6.83E-04	6.81E-04	6.80E-04	6.78E-04	6.76E-04	6.75E-04	NA	NA
mercury	4.01E-06	4.00E-06	4.00E-06	4.00E-06	4.00E-06	4.00E-06	4.00E-06	3.99E-06	3.99E-06	3.99E-06	3.99E-06	3.99E-06	NA	NA
nickel	1.40E-04	1.40E-04	1.39E-04	1.38E-04	1.37E-04	1.37E-04	1.36E-04	1.36E-04	1.35E-04	1.34E-04	1.34E-04	1.32E-04	2.40E-04	2.60E-04
non-phosphate phosphorous	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	NA
phosphorus	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.25E-03	NA	NA
selenium	5.58E-06	5.56E-06	5.54E-06	5.53E-06	5.51E-06	5.49E-06	5.47E-06	5.45E-06	5.44E-06	5.42E-06	5.40E-06	5.38E-06	NA	NA
silicon	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.47E-01	NA	NA						
silver	7.50E-09	7.45E-09	7.41E-09	7.37E-09	7.33E-09	7.28E-09	7.24E-09	7.20E-09	7.15E-09	7.11E-09	7.07E-09	7.03E-09	NA	NA
sulfates	1.29E-02	1.26E-02	1.24E-02	1.21E-02	1.19E-02	1.17E-02	1.14E-02	1.12E-02	1.09E-02	1.07E-02	1.04E-02	1.02E-02	NA	NA
thallium	1.78E-06	1.78E-06	1.78E-06	1.77E-06	NA	NA								
vanadium	1.59E-04	1.58E-04	1.58E-04	1.57E-04	1.57E-04	1.56E-04	1.56E-04	1.55E-04	1.55E-04	1.54E-04	1.54E-04	1.53E-04	NA	NA
zinc	7.20E-04	7.18E-04	7.17E-04	7.15E-04	7.14E-04	7.12E-04	7.11E-04	7.09E-04	7.08E-04	7.06E-04	7.05E-04	7.03E-04	NA	NA
Diesel PM	5.10E-04	4.71E-04	4.31E-04	3.92E-04	3.53E-04	3.14E-04	2.75E-04	2.35E-04	1.96E-04	1.57E-04	1.18E-04	7.88E-05	3.00E-04	3.00E-04

<sup>1</sup> Residential Maximum Grid No. 131

NA = Not Available  
 NC = Not Calculated  
 Source: CDM Smith, 2016  
 $\mu\text{g}/\text{m}^3$  = micrograms per cubic meter  
 $\text{mg}/\text{kg-d}$  = milligrams per kilogram day

Table 3-3.4  
RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2024 With Project vs. 2024 Without Project - Operations - Lifetime Exposure - Off-Airport Worker  
(Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)

**RAGS F Equations**

$EC = (CA \times ET \times EF \times ED) / (AT)$

Risk = IUR x EC

HQ = EC / REL

Where: HQ = Hazard Quotient  
IUR = Inhalation Unit Risk  
REL = Reference Exposure Level

EC = Exposure Concentration  
AT = Averaging Time (for cancer or non-cancer)

TAC	Cancer Risk to Adult Worker												Cancer Risks		
	Operation by Year										Ops	Ops	Cancer Risk to	Cancer Risk to	
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035 - 2048	2035 - 2063	25-year Worker	40-year Worker
1,2,4-trimethylbenzene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-butadiene	2.64E-10	2.51E-10	2.38E-10	2.25E-10	2.12E-10	1.99E-10	1.86E-10	1.73E-10	1.60E-10	1.47E-10	1.34E-10	1.69E-09	3.51E-09	3.88E-09	5.69E-09
2,2,4-trimethylpentane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
acetaldehyde	4.28E-12	4.17E-12	4.07E-12	3.97E-12	3.87E-12	3.77E-12	3.66E-12	3.56E-12	3.46E-12	3.36E-12	3.25E-12	4.41E-11	9.14E-11	8.56E-11	1.33E-10
acrolein	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
benzene	2.08E-10	1.98E-10	1.88E-10	1.78E-10	1.68E-10	1.58E-10	1.48E-10	1.38E-10	1.28E-10	1.17E-10	1.07E-10	1.36E-09	2.82E-09	3.10E-09	4.56E-09
cumene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cyclohexane	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ethylbenzene	7.49E-12	7.12E-12	6.75E-12	6.38E-12	6.01E-12	5.64E-12	5.27E-12	4.90E-12	4.53E-12	4.16E-12	3.80E-12	4.80E-11	9.93E-11	1.10E-10	1.61E-10
ethylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
formaldehyde	3.62E-11	3.49E-11	3.36E-11	3.23E-11	3.09E-11	2.96E-11	2.83E-11	2.70E-11	2.57E-11	2.44E-11	2.31E-11	3.05E-10	6.31E-10	6.31E-10	9.57E-10
hexane, n-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
isoprene, except from vegetative emission sources	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl alcohol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
methyl ethyl ketone	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
naphthalene	4.85E-12	4.63E-12	4.40E-12	4.18E-12	3.95E-12	3.73E-12	3.50E-12	3.28E-12	3.05E-12	2.83E-12	2.60E-12	3.33E-11	6.90E-11	7.43E-11	1.10E-10
propionaldehyde	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
propylene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
styrene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
toluene	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
xylene (total)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
ammonium ion	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
antimony	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
arsenic	8.29E-11	8.28E-11	8.27E-11	8.26E-11	8.25E-11	8.24E-11	8.23E-11	8.22E-11	8.21E-11	8.20E-11	8.18E-11	1.14E-09	2.37E-09	2.05E-09	3.28E-09
barium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
bromine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cadmium	1.84E-11	1.84E-11	1.84E-11	1.84E-11	1.84E-11	1.84E-11	1.83E-11	1.83E-11	1.83E-11	1.83E-11	1.83E-11	2.56E-10	5.31E-10	4.58E-10	7.33E-10
chlorine	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
chromium (VI)	6.01E-09	5.98E-09	5.95E-09	5.93E-09	5.90E-09	5.87E-09	5.85E-09	5.82E-09	5.79E-09	5.77E-09	5.74E-09	8.00E-08	1.66E-07	1.45E-07	2.30E-07
cobalt	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
copper	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
lead	2.80E-12	2.79E-12	2.79E-12	2.78E-12	2.78E-12	2.77E-12	2.77E-12	2.77E-12	2.76E-12	2.76E-12	2.76E-12	3.86E-11	8.00E-11	6.92E-11	1.11E-10
manganese	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
mercury	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
nickel	1.19E-10	1.18E-10	1.18E-10	1.17E-10	1.16E-10	1.16E-10	1.15E-10	1.15E-10	1.14E-10	1.13E-10	1.13E-10	1.57E-09	3.25E-09	2.85E-09	4.53E-09
non-phosphate phosphorous	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
phosphorus	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
selenium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silicon	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
silver	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
sulfates	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
thallium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
vanadium	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
zinc	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	4.99E-10	4.60E-10	4.22E-10	3.84E-10	3.45E-10	3.07E-10	2.69E-10	2.30E-10	1.92E-10	1.54E-10	1.15E-10	1.08E-09	2.23E-09	4.46E-09	5.61E-09
<b>TOTAL</b>	<b>7.3E-09</b>	<b>7.2E-09</b>	<b>7.1E-09</b>	<b>7.0E-09</b>	<b>6.9E-09</b>	<b>6.8E-09</b>	<b>6.7E-09</b>	<b>6.6E-09</b>	<b>6.5E-09</b>	<b>6.4E-09</b>	<b>6.3E-09</b>	<b>8.8E-08</b>	<b>1.8E-07</b>	<b>1.6E-07</b>	<b>2.6E-07</b>

NA = Not Available  
NC = Not Calculated  
Source: CDM Smith, 2016

ug/m<sup>3</sup> = micrograms per cubic meter  
mg/kg-d = milligrams per kilogram day

## Operation

3-4 2035 With Project vs. 2035 Without Project

**Table 3-4.1**  
**RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2035 With Project vs. 2035**  
**Without Project - Operations - Lifetime Exposure - Adult Resident**  
**(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)**

Exposure Parameters		Residential Adult			
Exposure Time		24 (hrs/day)			
Exposure Duration		70 (years)			
Exposure Frequency		350 (days/year)			
Averaging Time (non-carcinogenic)		613200 (hrs)			
Averaging Time (carcinogenic)		613200 (hrs)			
TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	Toxicity Criteria		Cancer Risks	
	2035	EPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	Cancer Risk to 30-year Resident	Cancer Risk to 70-year Resident
1,2,4-trimethylbenzene	1.54E-03	NA	NA	NC	NC
1,3-butadiene	8.50E-04	3.00E-05	1.70E-04	5.94E-08	1.39E-07
2,2,4-trimethylpentane	3.54E-03	NA	NA	NC	NC
acetaldehyde	1.33E-03	2.20E-06	2.70E-06	1.48E-09	3.44E-09
acrolein	1.98E-04	NA	NA	NC	NC
benzene	4.00E-03	7.80E-06	2.90E-05	4.77E-08	1.11E-07
cumene	2.04E-05	NA	NA	NC	NC
cyclohexane	9.38E-04	NA	NA	NC	NC
ethylbenzene	1.64E-03	2.50E-06	2.50E-06	1.68E-09	3.92E-09
ethylene	1.14E-02	NA	NA	NC	NC
formaldehyde	4.21E-03	1.30E-05	6.00E-06	1.04E-08	2.42E-08
hexane, n-	2.44E-03	NA	NA	NC	NC
isoprene, except from vegetative ε	2.16E-04	NA	NA	NC	NC
methyl alcohol	1.83E-04	NA	NA	NC	NC
methyl ethyl ketone	2.17E-04	NA	NA	NC	NC
naphthalene	8.29E-05	3.40E-05	3.40E-05	1.16E-09	2.70E-09
propionaldehyde	1.73E-04	NA	NA	NC	NC
propylene	4.97E-03	NA	NA	NC	NC
styrene	1.87E-04	NA	NA	NC	NC
toluene	8.93E-03	NA	NA	NC	NC
xylene (total)	7.44E-03	NA	NA	NC	NC
aluminum	1.09E-01	NA	NA	NC	NC
ammonium ion	2.98E-03	NA	NA	NC	NC
antimony	6.95E-05	NA	NA	NC	NC
arsenic	1.76E-05	4.30E-03	3.30E-03	2.38E-08	5.56E-08
barium	2.43E-02	NA	NA	NC	NC
bromine	4.25E-05	NA	NA	NC	NC
cadmium	3.09E-06	1.80E-03	4.20E-03	5.33E-09	1.24E-08
chlorine	3.55E-03	NA	NA	NC	NC
chromium (VI)	2.72E-05	1.20E-02	1.50E-01	1.68E-06	3.92E-06
cobalt	3.53E-05	NA	NA	NC	NC
copper	5.11E-03	NA	NA	NC	NC
lead	1.63E-04	NA	1.20E-05	8.03E-10	1.87E-09
manganese	1.56E-03	NA	NA	NC	NC
mercury	9.21E-06	NA	NA	NC	NC
nickel	3.11E-04	2.40E-04	2.60E-04	3.32E-08	7.74E-08
non-phosphate phosphorus	0.00E+00	NA	NA	NC	NC
phosphorus	2.90E-03	NA	NA	NC	NC
selenium	1.24E-05	NA	NA	NC	NC
silicon	3.39E-01	NA	NA	NC	NC
silver	1.64E-08	NA	NA	NC	NC
sulfates	2.78E-02	NA	NA	NC	NC
thallium	4.09E-06	NA	NA	NC	NC
vanadium	3.55E-04	NA	NA	NC	NC
zinc	1.63E-03	NA	NA	NC	NC
Diesel PM	2.29E-04	3.00E-04	3.00E-04	2.82E-08	6.58E-08
<sup>1</sup> Residential Maximum Grid No.	1431		TOTAL	1.9E-06	4.4E-06
NA = Not Available			ug/m <sup>3</sup> = micrograms per cubic meter		
NC = Not Calculated			mg/kg-d = milligrams per kilogram day		
Source: CDM Smith, 2016					

**Table 3-4.2**  
**RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2035 With Project vs. 2035**  
**Without Project - Operations - Lifetime Exposure - Child Resident**  
**(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)**

<b>Exposure Parameters</b>		<b>Residential Child</b>			
Exposure Time		24 (hrs/day)			
Exposure Duration		6 (years)			
Exposure Frequency		350 (days/year)			
Averaging Time (non-carcinogenic)		52560 (hrs)			
Averaging Time (carcinogenic)		613200 (hrs)			
TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	Toxicity Criteria		Cancer Risks	
	2035	EPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	Cancer Risk to 6-Yr Child Resident	Cancer Risk to 9-Yr Child Resident
1,2,4-trimethylbenzene	1.54E-03	NA	NA	NC	NC
1,3-butadiene	8.50E-04	3.00E-05	1.70E-04	1.19E-08	1.78E-08
2,2,4-trimethylpentane	3.54E-03	NA	NA	NC	NC
acetaldehyde	1.33E-03	2.20E-06	2.70E-06	2.95E-10	4.43E-10
acrolein	1.98E-04	NA	NA	NC	NC
benzene	4.00E-03	7.80E-06	2.90E-05	9.53E-09	1.43E-08
cumene	2.04E-05	NA	NA	NC	NC
cyclohexane	9.38E-04	NA	NA	NC	NC
ethylbenzene	1.64E-03	2.50E-06	2.50E-06	3.36E-10	5.05E-10
ethylene	1.14E-02	NA	NA	NC	NC
formaldehyde	4.21E-03	1.30E-05	6.00E-06	2.07E-09	3.11E-09
hexane, n-	2.44E-03	NA	NA	NC	NC
isoprene, except from vegetative ε	2.16E-04	NA	NA	NC	NC
methyl alcohol	1.83E-04	NA	NA	NC	NC
methyl ethyl ketone	2.17E-04	NA	NA	NC	NC
naphthalene	8.29E-05	3.40E-05	3.40E-05	2.32E-10	3.47E-10
propionaldehyde	1.73E-04	NA	NA	NC	NC
propylene	4.97E-03	NA	NA	NC	NC
styrene	1.87E-04	NA	NA	NC	NC
toluene	8.93E-03	NA	NA	NC	NC
xylene (total)	7.44E-03	NA	NA	NC	NC
aluminum	1.09E-01	NA	NA	NC	NC
ammonium ion	2.98E-03	NA	NA	NC	NC
antimony	6.95E-05	NA	NA	NC	NC
arsenic	1.76E-05	4.30E-03	3.30E-03	4.76E-09	7.14E-09
barium	2.43E-02	NA	NA	NC	NC
bromine	4.25E-05	NA	NA	NC	NC
cadmium	3.09E-06	1.80E-03	4.20E-03	1.07E-09	1.60E-09
chlorine	3.55E-03	NA	NA	NC	NC
chromium (VI)	2.72E-05	1.20E-02	1.50E-01	3.36E-07	5.03E-07
cobalt	3.53E-05	NA	NA	NC	NC
copper	5.11E-03	NA	NA	NC	NC
lead	1.63E-04	NA	1.20E-05	1.61E-10	2.41E-10
manganese	1.56E-03	NA	NA	NC	NC
mercury	9.21E-06	NA	NA	NC	NC
nickel	3.11E-04	2.40E-04	2.60E-04	6.64E-09	9.96E-09
non-phosphate phosphorus	0.00E+00	NA	NA	NC	NC
phosphorus	2.90E-03	NA	NA	NC	NC
selenium	1.24E-05	NA	NA	NC	NC
silicon	3.39E-01	NA	NA	NC	NC
silver	1.64E-08	NA	NA	NC	NC
sulfates	2.78E-02	NA	NA	NC	NC
thallium	4.09E-06	NA	NA	NC	NC
vanadium	3.55E-04	NA	NA	NC	NC
zinc	1.63E-03	NA	NA	NC	NC
Diesel PM	2.29E-04	3.00E-04	3.00E-04	5.64E-09	8.46E-09
<sup>1</sup> Residential Maximum Grid No.	1431		<b>TOTAL</b>	<b>3.8E-07</b>	<b>5.7E-07</b>
NA = Not Available		ug/m <sup>3</sup> = micrograms per cubic meter			
NC = Not Calculated		mg/kg-d = milligrams per kilogram day			
Source:	CDM Smith, 2016				

**Table 3-4.3**  
**RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2035 With Project vs. 2035 Without Project -**  
**Operations - Lifetime Exposure - School Child**  
**(Based on Peak Location of Residential Cancer Risks<sup>1</sup>)**

Exposure Parameters		School Child				
Exposure Time		8 (hrs/day)				
Exposure Duration		6 (years)				
Exposure Frequency		200 (days/year)				
Averaging Time (non-carcinogenic)		52560 (hrs)				
Averaging Time (carcinogenic)		613200 (hrs)				
TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	Toxicity Criteria		Cancer Risks		
	2035	EPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	Cancer Risk to 6-yr School Child	Cancer Risk to 9-yr School Child	Cancer Risk to 12-yr School Child
1,2,4-trimethylbenzene	1.54E-03	NA	NA	NC	NC	NC
1,3-butadiene	8.50E-04	3.00E-05	1.70E-04	2.26E-09	3.39E-09	4.52E-09
2,2,4-trimethylpentane	3.54E-03	NA	NA	NC	NC	NC
acetaldehyde	1.33E-03	2.20E-06	2.70E-06	5.62E-11	8.43E-11	1.12E-10
acrolein	1.98E-04	NA	NA	NC	NC	NC
benzene	4.00E-03	7.80E-06	2.90E-05	1.82E-09	2.72E-09	3.63E-09
cumene	2.04E-05	NA	NA	NC	NC	NC
cyclohexane	9.38E-04	NA	NA	NC	NC	NC
ethylbenzene	1.64E-03	2.50E-06	2.50E-06	6.41E-11	9.61E-11	1.28E-10
ethylene	1.14E-02	NA	NA	NC	NC	NC
formaldehyde	4.21E-03	1.30E-05	6.00E-06	3.95E-10	5.93E-10	7.90E-10
hexane, n-	2.44E-03	NA	NA	NC	NC	NC
isoprene, except from vegetative e	2.16E-04	NA	NA	NC	NC	NC
methyl alcohol	1.83E-04	NA	NA	NC	NC	NC
methyl ethyl ketone	2.17E-04	NA	NA	NC	NC	NC
naphthalene	8.29E-05	3.40E-05	3.40E-05	4.41E-11	6.62E-11	8.82E-11
propionaldehyde	1.73E-04	NA	NA	NC	NC	NC
propylene	4.97E-03	NA	NA	NC	NC	NC
styrene	1.87E-04	NA	NA	NC	NC	NC
toluene	8.93E-03	NA	NA	NC	NC	NC
xylene (total)	7.44E-03	NA	NA	NC	NC	NC
aluminum	1.09E-01	NA	NA	NC	NC	NC
ammonium Ion	2.98E-03	NA	NA	NC	NC	NC
antimony	6.95E-05	NA	NA	NC	NC	NC
arsenic	1.76E-05	4.30E-03	3.30E-03	9.07E-10	1.36E-09	1.81E-09
barium	2.43E-02	NA	NA	NC	NC	NC
bromine	4.25E-05	NA	NA	NC	NC	NC
cadmium	3.09E-06	1.80E-03	4.20E-03	2.03E-10	3.05E-10	4.06E-10
chlorine	3.55E-03	NA	NA	NC	NC	NC
chromium (VI)	2.72E-05	1.20E-02	1.50E-01	6.39E-08	9.59E-08	1.28E-07
cobalt	3.53E-05	NA	NA	NC	NC	NC
copper	5.11E-03	NA	NA	NC	NC	NC
lead	1.63E-04	NA	1.20E-05	3.06E-11	4.59E-11	6.12E-11
manganese	1.56E-03	NA	NA	NC	NC	NC
mercury	9.21E-06	NA	NA	NC	NC	NC
nickel	3.11E-04	2.40E-04	2.60E-04	1.26E-09	1.90E-09	2.53E-09
non-phosphate phosphorous	0.00E+00	NA	NA	NC	NC	NC
phosphorus	2.90E-03	NA	NA	NC	NC	NC
selenium	1.24E-05	NA	NA	NC	NC	NC
silicon	3.39E-01	NA	NA	NC	NC	NC
silver	1.64E-08	NA	NA	NC	NC	NC
sulfates	2.78E-02	NA	NA	NC	NC	NC
thallium	4.09E-06	NA	NA	NC	NC	NC
vanadium	3.55E-04	NA	NA	NC	NC	NC
zinc	1.63E-03	NA	NA	NC	NC	NC
Diesel PM	2.29E-04	3.00E-04	3.00E-04	1.07E-09	1.61E-09	2.15E-09
<b>1 Residential Maximum Grid No.</b>	<b>1431</b>		<b>TOTAL</b>	<b>7.2E-08</b>	<b>1.1E-07</b>	<b>1.4E-07</b>

NA = Not Available  
 NC = Not Calculated  
 Source: CDM Smith, 2016  
 ug/m<sup>3</sup> = micrograms per cubic meter  
 mg/kg-d = milligrams per kilogram day

**Table 3-4.4**  
**RAGS F Risk Calculation for LAX Landside Access Modernization Program, 2035 With Project vs. 2035**  
**Without Project - Operations - Lifetime Exposure - Off-Airport Worker**  
**(Based on Peak Location of Commercial Cancer Risks<sup>1</sup>)**

Exposure Parameters	Residential Adult				
	Exposure Time	8 (hrs/day)			
Exposure Duration	25 (years)				
Exposure Frequency	250 (days/year)				
Averaging Time (non-carcinogenic)	219000 (hrs)				
Averaging Time (carcinogenic)	613200 (hrs)				
TAC	Concentration at Location w/Maximum Risk (ug/m <sup>3</sup> )	Toxicity Criteria		Cancer Risks	
		EPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	CalEPA Inhalation Unit Risk (ug/m <sup>3</sup> ) <sup>-1</sup>	Cancer Risk to 25-year Worker	Cancer Risk to 40-year Worker
1,2,4-trimethylbenzene	3.95E-04	NA	NA	NC	NC
1,3-butadiene	2.18E-04	3.00E-05	1.70E-04	3.02E-09	4.84E-09
2,2,4-trimethylpentane	9.08E-04	NA	NA	NC	NC
acetaldehyde	3.58E-04	2.20E-06	2.70E-06	7.88E-11	1.26E-10
acrolein	5.06E-05	NA	NA	NC	NC
benzene	1.03E-03	7.80E-06	2.90E-05	2.43E-09	3.89E-09
cumene	5.28E-06	NA	NA	NC	NC
cyclohexane	2.40E-04	NA	NA	NC	NC
ethylbenzene	4.20E-04	2.50E-06	2.50E-06	8.56E-11	1.37E-10
ethylene	2.97E-03	NA	NA	NC	NC
formaldehyde	1.11E-03	1.30E-05	6.00E-06	5.44E-10	8.71E-10
hexane, n-	6.27E-04	NA	NA	NC	NC
isoprene, except from vegetative ε	5.52E-05	NA	NA	NC	NC
methyl alcohol	4.70E-05	NA	NA	NC	NC
methyl ethyl ketone	5.91E-05	NA	NA	NC	NC
naphthalene	2.14E-05	3.40E-05	3.40E-05	5.95E-11	9.51E-11
propionaldehyde	4.65E-05	NA	NA	NC	NC
propylene	1.28E-03	NA	NA	NC	NC
styrene	4.81E-05	NA	NA	NC	NC
toluene	2.29E-03	NA	NA	NC	NC
xylene (total)	1.91E-03	NA	NA	NC	NC
aluminum	4.72E-02	NA	NA	NC	NC
ammonium ion	1.29E-03	NA	NA	NC	NC
antimony	3.01E-05	NA	NA	NC	NC
arsenic	7.59E-06	4.30E-03	3.30E-03	2.04E-09	3.27E-09
barium	1.05E-02	NA	NA	NC	NC
bromine	1.63E-05	NA	NA	NC	NC
cadmium	1.34E-06	1.80E-03	4.20E-03	4.58E-10	7.32E-10
chlorine	1.25E-03	NA	NA	NC	NC
chromium (VI)	1.17E-05	1.20E-02	1.50E-01	1.43E-07	2.28E-07
cobalt	1.32E-05	NA	NA	NC	NC
copper	2.21E-03	NA	NA	NC	NC
lead	7.05E-05	NA	1.20E-05	6.89E-11	1.10E-10
manganese	6.75E-04	NA	NA	NC	NC
mercury	3.99E-06	NA	NA	NC	NC
nickel	1.32E-04	2.40E-04	2.60E-04	2.80E-09	4.49E-09
non-phosphate phosphorus	0.00E+00	NA	NA	NC	NC
phosphorus	1.25E-03	NA	NA	NC	NC
selenium	5.38E-06	NA	NA	NC	NC
silicon	1.47E-01	NA	NA	NC	NC
silver	7.03E-09	NA	NA	NC	NC
sulfates	1.02E-02	NA	NA	NC	NC
thallium	1.77E-06	NA	NA	NC	NC
vanadium	1.53E-04	NA	NA	NC	NC
zinc	7.03E-04	NA	NA	NC	NC
Diesel PM	7.88E-05	3.00E-04	3.00E-04	1.93E-09	3.08E-09
<sup>1</sup> Residential Maximum Grid No.	131	TOTAL		1.6E-07	2.5E-07

NA = Not Available  
ug/m<sup>3</sup> = micrograms per cubic meter  
mg/kg-d = milligrams per kilogram day  
Source: CDM Smith, 2016



*Los Angeles  
World Airports*