THE CITY OF PLEASANTON

MEMORANDUM

Date: July 9, 2019

From: Gerry Beaudin, Director of Community Development – Community Development Department

Subject: Case Nos. PUD-105 and P14-0852 / Johnson Drive Economic Development Zone (JDEDZ) Supplemental Air Quality Analysis

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Following the City's certification of the Supplemental Environmental Impact Report (SEIR) and approval of the JDEDZ, "an unincorporated association" of persons calling themselves Pleasanton Citizens for Responsible Growth (the "Petitioners") filed a lawsuit asking the court to rescind the City Council's JDEDZ approvals due to alleged violations of the California Environmental Quality Act (CEQA). Petitioners alleged that the SEIR had an incomplete air quality analysis related to the Stoneridge Apartment Community (located on the west side of I-680 near Stoneridge Mall at 6250 through 6450 Stoneridge Mall Road). In September 2018, the City and Costco agreed to rescind the JDEDZ approvals in order to perform supplemental air quality analysis for the JDEDZ project. In return, Petitioners dismissed the lawsuit.

In working with the City's outside counsel, Rick Jarvis of Jarvis, Fay & Gibson, LLP, and environmental consultant, Environmental Science Associates (ESA), the City decided to expand the scope of work beyond the supplemental air quality analysis in order to more comprehensively identify and mitigate for any additional impacts created by the JDEDZ. Accordingly, the City directed ESA to prepare the following analyses:

- Health Risk Assessment (HRA)
- Updated Air Quality Technical Memorandum – Criteria Pollutant Emissions Analysis
- Greenhouse Gas Analysis
- Energy Resources Technical Memorandum

The methodology and a summary of the findings, as well as any newly identified impacts and mitigations, unveiled by the analyses listed above is provided in subsequent sections of this memorandum. Full copies of each of the analyses, including their appendices and/or any attachments are attached to this memorandum and/or are available by request to the City's Planning Division.

Additionally, this memorandum includes a summary of the findings of the Economic Impact Analysis prepared by ALH Economics that was circulated for public comment as part of the Draft SEIR in 2015. No changes have been made to the Economic Impact Analysis; however; the City has agreed to recirculate this analysis for additional public comment pursuant to a request from the Petitioners. The full Economic Impact Analysis including any appendices and/or any attachments are attached to this memorandum and/or are available by request to the City's Planning Division.

Health Risk Assessment

The HRA evaluates potential health risks associated with toxic air contaminants (TACs) resulting from the JDEDZ. Health risks were assessed for exposure of nearby sensitive receptors to TAC emissions resulting from construction and operation of the JDEDZ. The HRA was conducted to evaluate whether construction and operation of the JDEDZ would expose sensitive receptors to substantial concentrations of TACs or respirable particulate matter, and whether JDEDZ project-level impacts related to TAC exposure would be significant. The HRA was also prepared to assess the exposure of sensitive receptors to cumulative concentrations of TACs and respirable particulate matter from construction and operation of the JDEDZ when combined with past, present and other reasonably foreseeable development in the vicinity, including existing permitted stationary sources and Interstates 680 and 580.

The HRA evaluates JDEDZ risks at existing on-site businesses and surrounding residential units, businesses and fitness clubs that are within 1,000 feet of the JDEDZ boundary. Both sensitive receptors and worker receptors within the study domain were included. Although the Bay Area Air Quality Management District (BAAQMD) does not consider worker receptors as sensitive receptors, and therefore does not require that HRAs include worker risk evaluation, the HRA includes worker risk for existing off-site and existing on-site worker exposures to provide a comprehensive and conservative assessment of potential risk associated with the JDEDZ.

The maximum potential lifetime excess cancer risk associated with the JDEDZ is 5.4 in a million (occurs at an off-site residential receptor location), which would not exceed the BAAQMD cancer risk threshold of 10 in a million. The maximum potential chronic health risk associated with the JDEDZ is 0.52 (occurs at an off-site worker receptor location), which would not exceed the BAAQMD's hazard index threshold of 1. The maximum potential annual average $PM_{2.5}$ concentration associated with the JDEDZ is 0.22 micrograms per cubic meter ($\mu g/m^3$) (occurs at an off-site worker receptor location), which would not exceed the BAAQMD's threshold of 0.3 $\mu g/m^3$. Therefore, JDEDZ project-level impacts due to exposure of TACs to sensitive receptors would be less than significant.

The maximum potential cumulative lifetime excess cancer risk associated with the JDEDZ and all background TAC sources within 1,000 feet of the project is 86.5 in a million (occurs at an off-site worker receptor location), which would not exceed the BAAQMD cumulative cancer risk threshold of 100 in a million. The maximum potential cumulative chronic health risk associated with the JDEDZ is 0.64 (occurs at an off-site worker receptor location), which would not exceed the BAAQMD's hazard index threshold of 10. The maximum potential cumulative annual average $PM_{2.5}$ concentration associated with the JDEDZ is 0.59 $\mu g/m^3$ (occurs at an off-site worker receptor location), which would not exceed the BAAQMD's threshold of 0.8 $\mu g/m^3$. Therefore, cumulative impacts due to exposure of TACs to sensitive receptors would be less than significant.

Updated Air Quality Technical Memorandum - Criteria Pollutant Emissions Analysis

The technical memorandum presents the updated criteria pollutant emissions analysis for Section 4.B – Air Quality of the SEIR for the JDEDZ. As noted above, a HRA has been prepared and is also being added to the SEIR. Consistent with new modeling data used for the HRA, this technical memorandum supplements Section 4.B of the Draft SEIR with an updated analysis of criteria pollutants emissions including reactive organic carbon (ROG), nitrogen oxides (NO_X), construction related exhaust particulate matter (PM), particulate matter with an aerodynamic diameter equal to or less than 10 microns (PM_{10}), particulate matter with an aerodynamic diameter equal to or less than 2.5 microns ($PM_{2.5}$), and carbon monoxide (CO).

The technical memorandum also discusses health effects of criteria pollutants along with the JDEDZ's potential cumulative health-related impacts consistent with the California Supreme Court's ruling in *Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502.

Consistent with the HRA, this analysis uses the updated and conservative assumptions about the timing of construction and the scope of project-related activity within the JDEDZ project area. For near-term activities, such as the first phase of construction, realistic assumptions are made based on the anticipated construction activity and phasing of development. For longer-term activities that may occur beyond the first phase of development, such as the development of commercial and retail space during phase 2, more conservative assumptions were made in order to provide a worst-case analysis of potential JDEDZ impact, because the actual construction activity and phasing of this development is currently unknown. These assumptions are provided in greater detail in Chapter 1 of the technical memorandum.

For construction, this analysis shows the Project's criteria pollutant emissions are below the corresponding BAAQMD significance thresholds except for NO_X emissions from Phase 1 construction. Phase 1 construction NO_X emissions are estimated to be an average of 55.74 pounds per day (lbs./day), exceeding the significance threshold of 54 lbs./day. Therefore, mitigation is required to reduce JDEDZ impacts during Phase 1 construction. As such, all off-road equipment greater than 50 horsepower would be required to have engines that meet United States Environmental Protection Agency (USEPA) Tier 3 off-road emission standards. ***Implementation of this mitigation measure would reduce this impact to a less-than-significant level.***

For operations, Phase 1 operational activities are estimated to be an average of 54.60 pounds of ROG per day (lbs./day), exceeding the significance threshold of 54 lbs./day. Therefore, mitigation is required to reduce JDEDZ impacts during Phase 1 operations. As such, the JDEDZ would require all future tenants and building owners to use low-volatile organic compound (VOC) paints during maintenance activities. The VOC content of paints shall not exceed 10 grams of VOCs per liter. ***Implementation of this mitigation measure would reduce this impact to a less-than-significant level.***

Because of certain updated JDEDZ project details used in this analysis as compared to those used in the Draft SEIR (e.g. changes in square footage of some proposed land uses, construction phasing and equipment fleets), the conclusions with regard to the JDEDZ's criteria pollutants emissions have changed with this updated analysis. ***For example, conclusions about construction emissions changed from less than significant for all criteria pollutants in the Draft SEIR to less than significant with mitigation in this updated analysis (due to average daily unmitigated emissions during Phase 1 construction exceeding the BAAQMD threshold); the conclusions about project operational emissions have changed from significant and unavoidable impacts (attributable to average daily and total annual NO_X and PM_{10} emissions) during full buildout operations in the Draft SEIR to less than significant for all operational scenarios including the full buildout operations.***

Greenhouse Gas Analysis

Following the original approval of the project and certification of the JDEDZ SEIR, the California Office of Planning and Research adopted amendments to the CEQA Guidelines, including changes to CEQA Guidelines section 15064.4 addressing analysis of GHG emissions. Further, Senate Bill 32 (2016) set a statewide GHG emissions reduction target of 40 percent below 1990 levels by 2030. The amendments became effective on December 28, 2018. The City's adopted Climate Action Plan (CAP) is only considered qualified through 2020 for purposes of GHG analysis under CEQA, but project buildout is expected to occur beyond 2020. In

accordance with these legislative changes, the City has added analysis of the project's GHG emissions to the recirculated SEIR.

Pursuant to revised section 15064.4 and Appendix G of the Guidelines, the City has discretion whether to assess GHG emissions quantitatively or qualitatively and to establish thresholds of significance. Since there is no applicable quantitative threshold (e.g., neither the City's CAP nor the Bay Area Air Quality Management District's emissions threshold are qualified to be consistent with SB 32's 2030 targets), the City used the qualitative threshold provided in CEQA Guidelines section 15064.4(b), which considers whether the Project complies with applicable plans, policies, regulations, and requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of greenhouse gas emissions.

The California Air Resources Board's 2017 Scoping Plan Update is intended to reduce GHG emissions to meet the statewide targets set forth in SB 32. The Association of Bay Area Governments' (ABAG) and Metropolitan Transportation Commission's (MTC) Plan Bay Area 2040 is designed to achieve regional GHG reductions from the land use and transportation sectors as required by SB 375 and the state's long-term climate goals. The City's CAP is designed to reduce local GHG emissions to support the statewide target for 2020 set forth in AB 32 and put the City on an emissions trajectory that is consistent with the State's longer-term targets.

The City's GHG analysis determined that the project would be consistent with the 2017 Scoping Plan Update, Plan Bay Area 2040, and the City's CAP. The analysis found that because the Project is consistent with these applicable plans and policies to reduce GHG emissions, and because the Project implements certain project design features (e.g. EV charging stations), the Project would generate an incremental contribution to climate change compared to existing conditions, but would not generate enough GHG emissions on its own to significantly influence global climate change. ***Therefore, the analysis determined that the project would not have a significant effect on the environment.***

Energy Resources Technical Memorandum

The technical memorandum analyzes the impacts on energy resources due to construction and operation of the JDEDZ. In accordance with the requirements of the CEQA Guidelines, specifically Appendix G, Environmental Checklist, and Appendix F, Energy Conservation, this assessment provides an estimate of energy consumption for the JDEDZ and the potential impacts from associated construction and operational activities. The assessment includes the categories and types of energy consumption resulting from the JDEDZ, the calculation procedures used in the analysis, and any assumptions or limitations.

Construction of the JDEDZ would occur in two phases. Phase 1 would begin in 2020 with a one-year duration and Phase 2 would begin in 2030 with a one-year duration. Each of the construction phases would utilize energy for necessary on-site construction activities and to transport materials, soil, and debris to and from the site. Phase 1 construction would consume approximately 114,345 gallons of diesel and 19,813 gallons of gasoline during the one-year construction timeframe. Phase 2 construction would consume approximately 64,504 gallons of diesel and 14,051 gallons of gasoline during the one-year construction timeframe.

Phase 1 diesel consumption would represent approximately 0.10 and 0.003 percent of total 2017 diesel fuel consumption in Alameda County and California, respectively. Phase 1 gasoline consumption would represent approximately 0.006 and 0.0002 percent of County and State 2017 gasoline consumption, respectively. Phase 2 diesel consumption would represent approximately 0.06 and 0.002 percent of County and State 2017 diesel consumption, respectively. Phase 2 gasoline consumption would represent approximately 0.002 and 0.0001

percent of County and State 2017 gasoline consumption, respectively. The estimated annual average construction fuel usage would represent a very small fraction of annual (2017) fuel usage in Alameda County and the State. As stated in the HRA prepared for the JDEDZ, Phase 1 would not require haul trucks to export rubble resulting from the demolition of existing buildings at the site; all rubble and new construction and demolition debris would be reused on-site. By using this material on-site as construction base, the JDEDZ would eliminate both disposal trips for the demolition debris and haul trips for new aggregated fill material, thus eliminating the diesel fuel consumption associated with each truck trip. The JDEDZ would comply with applicable construction regulations that affect energy demand, such as idling restrictions that would result in less fuel combustion and energy consumption and minimize the JDEDZ's construction-related energy use. ***As a result, construction energy impacts would be considered less than significant.***

Operational energy consumption would occur from building energy needs (electricity and natural gas), off-site water supply and wastewater treatment, and from transportation fuels (e.g., diesel and gasoline) used for vehicles traveling to and from the site, transportation refrigeration units (TRUs), and emergency generators. JDEDZ operations would occur in two phases. Phase 1 operations would commence in 2021 and Full Buildout operations would commence in 2031.

Phase 1 operations would have an annual electricity demand of approximately 5.19 million kilowatt-hours (kWh), which represents approximately 0.006 percent of Pacific Gas & Electric Company (PG&E) network sales for 2017. Phase 1 operations would represent approximately 0.05 percent of electricity supplied by PG&E to the County in 2017. Phase 1 operations would have an annual natural gas demand of approximately 4.43 million standard cubic feet (scf), which represents approximately 0.002 percent of the PG&E network sales for 2017. Phase 1 operations would represent approximately 0.01 percent of natural gas supplied by PG&E to the County in 2017.

Phase 1 operations would consume approximately 94,880 gallons of diesel and 1,089,881 gallons of gasoline annually associated with vehicle trips. Phase 1 diesel consumption would represent approximately 0.08 percent and 0.002 percent of County and State 2017 diesel consumption, respectively. Phase 1 gasoline consumption would represent approximately 0.19 percent and 0.007 percent of County and State 2017 gasoline consumption, respectively.

Full Buildout operations would have an annual electricity demand of approximately 7.07 million kWh, which represents approximately 0.009 percent of PG&E's network sales for 2017. Full Buildout operations would represent approximately 0.06 percent of electricity supplied by PG&E to the County in 2017. Full Buildout operations would have an annual natural gas demand of approximately 4.73 million scf, which represents approximately 0.002 percent of PG&E's network sales for 2017. Full Buildout operations would represent approximately 0.01 percent of natural gas supplied by PG&E to the County in 2017.

Full Buildout operations would consume approximately 237,540 gallons of diesel and 1,342,830 gallons of gasoline annually associated with vehicle trips. Full Buildout diesel consumption would represent approximately 0.21 and 0.006 percent of County and State 2017 diesel consumption, respectively. Full Buildout gasoline consumption would represent approximately 0.23 and 0.009 percent of County and State gasoline 2017 consumption, respectively.

The amount of energy used would represent an insubstantial fraction of the region's available energy supply and capacity. The JDEDZ would be consistent with energy efficiency standards in the applicable Title 24 Energy Efficiency Standards for Nonresidential Buildings and the Title 24 Building Energy Efficiency Standards, referred to as the California Green Building Standards (CALGreen) Code and include electric vehicle supply equipment (EVSE) to promote transportation energy efficiency. Additionally, the Costco warehouse would be designed to include solar at the time of opening which would reduce its consumption of electricity provided by PG&E.

Because the JDEDZ would be consistent with energy efficient building standards and promote transportation energy efficiency, it would not result in the wasteful, inefficient, and unnecessary consumption of energy or preclude opportunities for improving overall fuel efficiency and future energy conservation. The JDEDZ project also would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. As a result, operational energy impacts would be considered less than significant.

Economic Impact Analysis

The Economic Impact Analysis prepared by ALH Economics, was circulated for public comment as part of the Draft SEIR in 2015. No changes have been made to the Economic Impact Analysis; however; the City has agreed to recirculate this analysis for additional public comment pursuant to a request from the Petitioners. ***As a refresher, the Economic Impact Analysis indicates that impacts generated by the JDEDZ on the market area's[1] existing retail environment would be limited.*** The Economic Analysis projects that Phase I sales in the JDEDZ (i.e., the sales resulting from a club retail use and a limited amount of general retail uses) could result in a decrease in annual sales by existing market retailers of approximately $26.7 million, or 0.9 percent of the market area's existing $3 billion in annual retail sales, which is a nominal impact.

The proposed JDEDZ's effect on the local economy is projected to be focused in three specific retail categories: gasoline stations, home furnishings and appliances, and food and beverages. In the first two categories (gasoline stations, and home furnishings and appliances), sales within the JDEDZ would amount to a combined 1.1 percent or less of existing market area sales, which would not be considered substantial when spread among the numerous gas stations and home furnishing and appliance stores in the market area. While food and beverage sales within the JDEDZ would amount to 7.4 percent of existing market sales, the new market demand alone generated between now and buildout of the JDEDZ would be sufficient to recompense existing businesses for these potentially diverted sales. Accounting for the fact that sales diverted from existing stores to a club retail use would be widely dispersed among numerous supermarkets, ethnic food stores, and other small food markets (rather than concentrated in a single store or small number of stores), there would be limited effects on existing food and beverage retailers.

The Economic Impact Analysis also concludes that the JDEDZ would have no adverse economic effects on downtown businesses, primarily because downtown offers a unique and different shopping environment than a club retailer, and most downtown businesses sell goods that are quite different from those sold at club retailers. On the positive side, the economic study also notes that a Costco could generate enhanced visibility for existing businesses in the proposed JDEDZ, benefits associated with local availability of low-cost food and gas, and possible long-term increases in property values.

[1] The "market area" for this study comprises 18 full census tracts and three partial census tracts spanning the City of Pleasanton, the majority of the City of Dublin, and some unincorporated Alameda County areas south of the City of Pleasanton and northwest of the City of Dublin. The market area was determined through review of drive times to the project site and the locations of other nearby club retail stores, with consideration also given to natural and man-made features, such as topography and freeway access.

Conclusion

With the supplemental environmental analyses now complete, pursuant to CEQA, the City is now recirculating the revised environmental analyses as well as the previously circulated Economic Impact Analysis for public comment. **That public comment period will be 45 days commencing at 8:00 a.m. on July 10, 2019 and ending at 5:00 p.m. on Friday, August 23, 2019.** All public comments should be sent in writing or via email to:

Eric Luchini
Associate Planner
City of Pleasanton Planning Division
P.O. Box 520
Pleasanton, CA 94566-0802
eluchini@cityofpleasantonca.gov

Subsequent to the public comment period and consideration of and response to any comments as required by CEQA, City staff intends to schedule the JDEDZ project for reconsideration by the Planning Commission and City Council in the Fall of 2019.

Final

CITY OF PLEASANTON JOHNSON DRIVE ECONOMIC DEVELOPMENT ZONE

Health Risk Assessment

Prepared for
City of Pleasanton

January 2019

ESA

Final

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Health Risk Assessment

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550 Kearny Street
Suite 800
San Francisco, CA 94108
415.896.5900
www.esassoc.com

ESA

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TABLE OF CONTENTS

Johnson Drive Economic Development Zone Health Risk Assessment

Page

Acronyms and Abbreviations ..... **iv**

Chapter 1 ..... **1**

Executive Summary 1

Introduction 2

Project Understanding 2

Objective 7

Methods 7

Report Organization 7

Chapter 2 ..... **11**

Emission Calculations 11

Pollutants of Concern (POC) 11

Emission Calculation Methods 14

Construction Emissions 14

Operational Emissions 17

Chapter 3 ..... **23**

Receptor Identification 23

Chapter 4 ..... **26**

Air Dispersion Modeling 26

Model Selection and Parameters 26

Meteorological Data 27

Modeling Terrain 27

Modeled Source Characters 27

Page

Chapter 5 32
Risk Characterization Methods 32
Exposure Assessment 34
Cancer Risk Characterization 36
Chronic Health Impacts 41
$PM_{2.5}$ Concentrations 41
Cumulative Risk 41
Chapter 6 45
Results 45
Project Health Risks 45
Cumulative Health Impacts 52
Chapter 7 59
Modeling Uncertainties 59
Emission Calculations 59
Air Concentrations and Source Representation 60
Exposure Concentrations 60
Exposure Assumptions 60
Toxicity Assessment 61
Risk Calculations 61

Page

List of Figures

Figure 1 Project Vicinity Map....4
Figure 2 Project Boundary and Modeling Extent....25
Figure 3 Modeled Operational Sources....31
Figure 4 Project Cancer Risk....47
Figure 5 Project Chronic Health Impacts....50
Figure 6 Project Annual $PM_{2.5}$ Concentrations....51
Figure 7 Cumulative Cancer Risk....54
Figure 8 Cumulative Chronic Health Impacts....55
Figure 9 Cumulative Annual $PM_{2.5}$ Concentrations....57

List of Tables

Table 1 Construction Schedule [a]....6
Table 2 Gasoline Vehicle TOG Speciation and Toxicity [a]....13
Table 3 Daily Truck Deliveries [a]....19
Table 4 Cancer Risk Scenarios....40
Table 5 Cumulative Sources....43
Table 6 Project Maximum Incremental Increase in Cancer Risk....46
Table 7 Project Maximum Chronic Hazard Index....48
Table 8 Project Maximum Annual $PM_{2.5}$ Concentrations....49
Table 9 Cumulative Maximum Incremental Increase in Cancer Risk....52
Table 10 Cumulative Chronic Hazard Index....53
Table 11 Cumulative $PM_{2.5}$ Concentrations....56

ACRONYMS AND ABBREVIATIONS

Acronym	Description
AADT	Average annual daily traffic
AERMOD	American Meteorological Society/Environmental Protection Agency regulatory air dispersion model
ATCM	Air Toxics Control Measure
CARB	California Air Resources Board
ASF	Age Sensitivity Factor
BAAQMD	Bay Area Air Quality Management District
Cal/EPA	California Environmental Protection Agency
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
CRRP	Community Risk Reduction Plan
CRRP-HRA	Community Risk Reduction Plan Health Risk Analysis database
DPM	Diesel Particulate Matter
EDZ	Economic Development Zone
EIR	Environmental Impact Report
EMFAC2017	CARB's Emission Factor Model For On-Road Emissions
g/s	Gram per second
GDF	Gasoline dispensing facility
HHDT	heavy heavy-duty trucks
hp	horsepower
HRA	Health Risk Assessment
IARC	International Agency for Research on Cancer
MEIR	Maximally Exposed Individual Resident
MEIW	Maximally Exposed Individual Worker
NSR	New Source Review
$PM_{2.5}$	Fine particulate matter less than 2.5 micrometers in aerodynamic diameter
PM_{10}	Fine particulate matter less than 10 micrometers in aerodynamic diameter
TOG	Total organic gases
sf	square feet
TAC	toxic air contaminant

Acronym	Description
TIS	Traffic Impact Study
TRU	transportation refrigeration unit
µg/m^3	micrograms per cubic meter
USGS	United States Geological Survey
µm	micrometers
USEPA	United States Environmental Protection Agency

CHAPTER 1

Executive Summary

This Health Risk Assessment (HRA) evaluates potential health risks associated with toxic air contaminants (TACs) resulting from the Johnson Drive Economic Development Zone (EDZ) project (project) located in the City of Pleasanton (City). Health risks were assessed for exposure of nearby sensitive receptors to TAC emissions resulting from construction and operation of the project. This HRA was conducted to evaluate whether construction and operation of the project would expose sensitive receptors to substantial concentrations of TACs or respirable particulate matter, and whether project-level impacts related to TAC exposure would be significant. This HRA was also prepared to assess the exposure of sensitive receptors to cumulative concentrations of TACs and respirable particulate matter from construction and operation of the project when combined with past, present and other reasonably foreseeable development in the vicinity, including existing permitted stationary sources and Interstates 680 and 580.

The HRA evaluates project risks at existing on-site businesses and surrounding businesses and fitness clubs that are within 1,000 feet of the project boundary. Both sensitive receptors and worker receptors within the study domain were included. Although the Bay Area Air Quality Management District (BAAQMD) does not consider worker receptors as sensitive receptors, and therefore does not require that HRAs include worker risk evaluation, this HRA includes worker risk for existing off-site and existing on-site worker exposures to provide a comprehensive and conservative assessment of potential risk associated with the project.

The maximum potential lifetime excess cancer risk associated with the project is 5.4 in a million (occurs at an off-site residential receptor location), which would not exceed the BAAQMD cancer risk threshold of 10 in a million. The maximum potential chronic health risk associated with the project is 0.52 (occurs at an off-site worker receptor location), which would not exceed the BAAQMD's hazard index threshold of 1. The maximum potential annual average $PM_{2.5}$ concentration associated with the project is 0.22 micrograms per cubic meter ($\mu g/m^3$) (occurs at an off-site worker receptor location), which would not exceed the BAAQMD's threshold of 0.3 $\mu g/m^3$. Therefore, project-level impacts due to exposure of TACs to sensitive receptors would be less than significant.

The maximum potential cumulative lifetime excess cancer risk associated with the project and all background TAC sources within 1,000 feet of the project is 86.5 in a million (occurs at an off-site worker receptor location), which would not exceed the BAAQMD cumulative cancer risk threshold of 100 in a million. The maximum potential cumulative chronic health risk associated with the project is 0.64 (occurs at an off-site worker receptor location), which would not exceed the BAAQMD's hazard index threshold of 10. The maximum potential cumulative annual

average $PM_{2.5}$ concentration associated with the project is 0.59 µg/m^3 (occurs at an off-site worker receptor location), which would not exceed the BAAQMD's threshold of 0.8 µg/m^3. Therefore, cumulative impacts due to exposure of TACs to sensitive receptors would be less than significant.

Please refer to Chapter 6, *Results*, for additional detail on the findings of this HRA.

Introduction

Environmental Science Associates (ESA) has prepared this HRA in support of environmental clearance under the California Environmental Quality Act (CEQA) for the Johnson Drive Economic Development Zone project located in the City of Pleasanton.

This HRA evaluates fine particulate matter and health risks associated with TACs resulting from the proposed project in concurrence with BAAQMD guidance. Specifically, it presents the methods that were used to evaluate potential health risks to on-and off-site sensitive receptors from both project construction and project operations. Health risks were evaluated for exhaust particulate matter ($PM_{2.5}$), Diesel Particulate Matter (DPM), and speciated TACs associated with total organic gases (TOG).

This HRA makes certain conservative assumptions about the timing of construction and the scope of project-related activity within the project area. For near-term activities, such as the first phase of construction, realistic assumptions are made based on the anticipated construction activity and phasing of development. For longer-term activities that may occur beyond the first phase of development, such as the development of commercial and retail space during phase 2, more conservative assumptions were made in order to provide a worst-case analysis of potential health risks, because the actual construction activity and phasing of this development is currently unknown. These assumptions are provided in greater detail below.

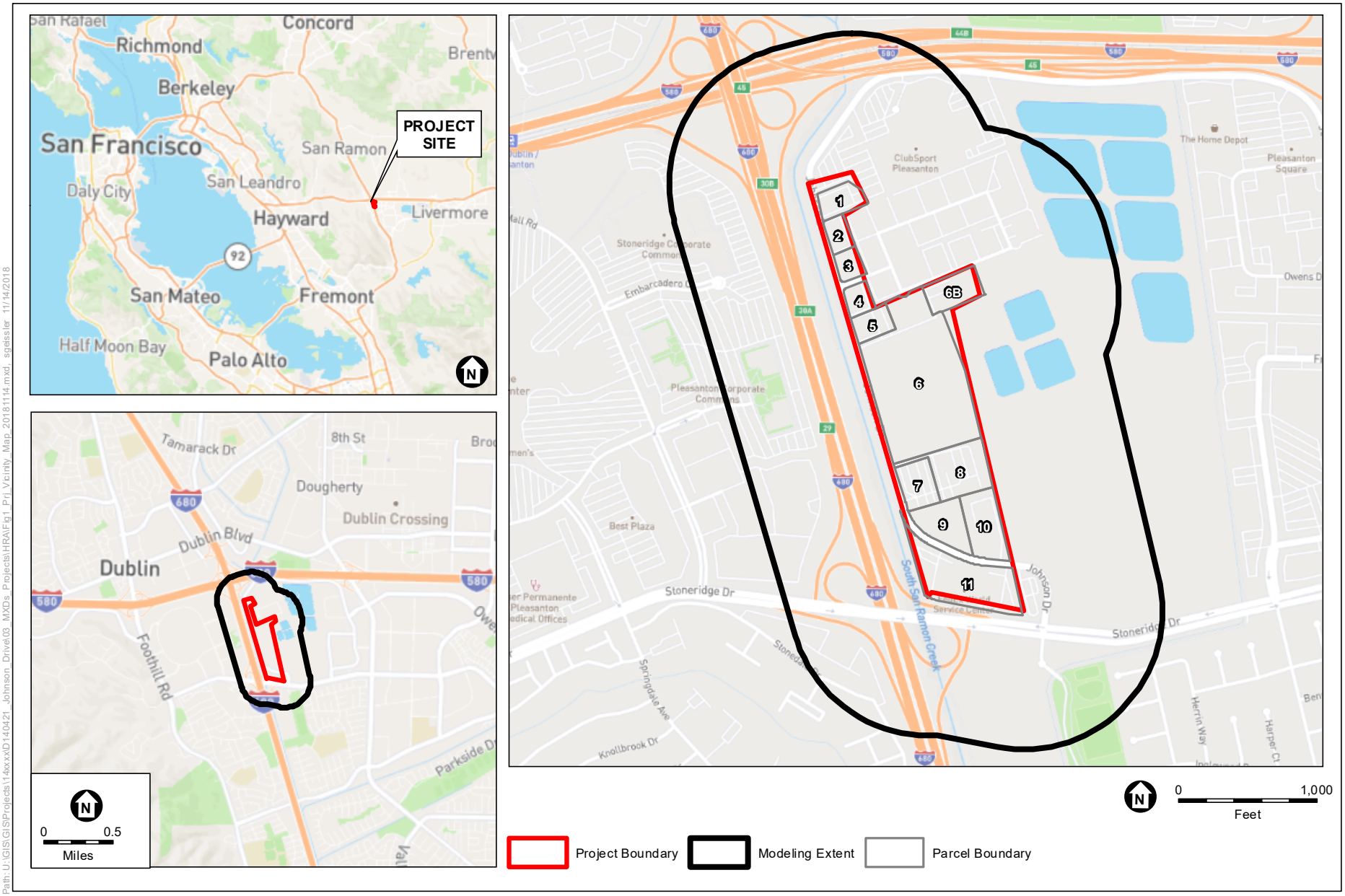
Project Understanding

Project Location

The project site consists of 12 parcels in the northwestern part of the City as shown in **Figure 1,** *Vicinity Location Map***.** The city is generally bounded to the west by the Pleasanton ridgelands, to the north by Interstate 580 (I-580) and the city of Dublin, to the east by the city of Livermore and unincorporated Alameda County, and to the south by San Francisco Water Department lands and other rangelands. Interstate 680 (I-680) bisects the western portion of the City, intersecting I-580 in the northwestern part of the city. The approximately 40-acre project site area is located southeast of the intersection of I-680 and I-580, a major regional transportation node.

Project Description

The project site would be developed with approximately 148,000 square feet (sf) of club retail (Costco store) with a 20-pump (dispensers) gas station on parcel 6. Parking for up to 800 vehicles and landscaping and site improvements, including bio-retention areas to manage on-site stormwater runoff and trees planted throughout the parcel to provide shading and visual screening around the perimeter, could also be developed on this parcel. A 231-room hotel consisting of approximately 132,000 sf and 5,000 sf of retail would be developed on parcels 9 and 10, and the remaining parcels would be developed with approximately 184,000 sf of retail space.



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SOURCE: Open Street Map, 2018; ESA, 2018.

Johnson Drive Health Risk Assessment

Figure 1
Project Vicinity Map

ESA

Construction

Buildout of the proposed project area would be completed in two phases. Phase 1 would develop Parcels 6, 9, and 10, all of which are currently vacant; Phase 2 would develop the remaining parcels and assumes demolition of existing improvements. Phase 1 would include two components: Phase 1A includes construction of a Costco retail store and Costco gas station on Parcel 6; Phase 1B includes construction of a 231-room hotel and 5,000 sf of retail space on parcels 9 and 10. Phase 1 construction would commence in the second quarter of 2020 and have a duration of approximately one year. Phase 1 construction sub-phases include: grading/excavation, drainage/utilities/sub-grade, foundation/concrete pour, building construction, architectural coatings, and paving. A detailed construction schedule and construction equipment list was provided for Phase 1A by the City and Costco. The construction schedule and equipment fleet for Phase 1B was estimated based on CalEEMod defaults for the hotel and retail space and adjusted using the more detailed construction phase types provided by the City. The default schedule was also adjusted assuming all construction would occur in 2020. Phase 2 construction is conservatively assumed to commence in the first quarter of 2030 and have a duration of approximately one year. Phase 2 construction sub-phases include: demolition, grading/excavation, drainage/utilities/sub-grade, foundation/concrete pour, building construction, architectural coatings, and paving. Similar to Phase 1B, the construction schedule and equipment fleet for Phase 2 was estimated based on CalEEMod defaults for the Phase 2 anticipated land uses and adjusted using the more detailed construction phase types provided by the City. The default schedule was also adjusted assuming all construction would occur in 2020. The construction schedule is summarized in Table 1.

TABLE 1
CONSTRUCTION SCHEDULE [a]

Phase	Subphase	Start Date	End Date	Number of Work Days [b]	Hours per day [c]
Phase 1A	Grading/Excavation	4/6/2020	5/10/2020	30	8
	Drainage/Utilities/Sub-Grade	4/22/2020	4/29/2020	7	8
	Foundations/Concrete Pour	4/29/2020	5/15/2020	15	8
	Building Construction	5/16/2020	7/24/2020	60	8
	Architectural Coatings	5/28/2020	7/24/2020	50	8
	Paving	7/17/2020	7/24/2020	7	8
Phase 1B	Grading/Excavation	4/6/2020	6/15/2020	51	8
	Drainage/Utilities/Sub-Grade	6/16/2020	6/30/2020	11	8
	Foundations/Concrete Pour	7/1/2020	7/30/2020	22	8
	Building Construction	7/31/2020	2/23/2021	148	8
	Architectural Coatings	2/24/2021	3/20/2021	18	8
	Paving	3/21/2021	4/5/2021	11	8
Phase 2	Demolition	1/7/2030	2/3/2030	20	8
	Grading/Excavation	2/4/2030	3/2/2030	20	8
	Drainage/Utilities/Sub-Grade	3/3/2030	4/6/2030	25	8
	Foundations/Concrete Pour	4/6/2030	4/28/2030	15	8
	Building Construction	4/30/2030	11/11/2030	140	8
	Architectural Coatings	11/12/2030	12/9/2030	20	8
	Paving	12/10/2030	1/7/2031	21	8

NOTES:

[a] The Construction schedule for Phase 1A was provided by the City and Costco. The construction schedules for Phase 1B and Phase 2 were estimated based on the total duration of each construction period (one year for Phase 1B occurring in 2020 and one year for Phase 2 occurring in 2030) and the CalEEMod defaults for project land uses under development for Phases 1B and 2.

[b] Phase 1A construction will occur Monday through Saturday (6 days per week) based on information provided by the City and Costco; Phase 1B and Phase 2 will occur Monday through Friday (5 days per week) based on CalEEMod defaults.

[c] Construction equipment would operate for 8 hours maximum per day during a 10-hour workday (7 am to 5 pm) based on information provided by the City and Costco along with CalEEMod defaults.

There are several existing on-site buildings that house various commercial and/or retail uses, comprising approximately 224,700 sf of space. These buildings will remain until Phase 2 construction begins and would be fully demolished during Phase 2 construction. Project construction would not require export haul trucks as existing rubble and new construction and demolition debris would be reused on-site. The project would require approximately 1,360 trucks for soil import, 2,040 concrete trucks, and 3,330 vendor trucks over the entire construction

duration. Additional information on construction activities is presented in the section below and in Chapter 2, *Emission Calculation Methods*.

Operations

Phase 1 operations are expected to begin in the second quarter of 2021 following the completion of construction. Phase 1 operation is expected to include a Costco club retail store, Costco gas station, a 231-room hotel, and some ancillary retail associated with the hotel project. Additionally, there is an existing FedEx facility located at the southern portion of the project site; FedEx delivery trucks will contribute to the project's cumulative $PM_{2.5}$ exhaust and DPM emissions until Phase 2 construction begins, when the FedEx will be removed (as mentioned above, all existing buildings will be demolished in Phase 2). To simplify the cumulative risk calculations and to be conservative, this HRA modeled the FedEx sources as part of the project's Phase 1 operations until Phase 2 operation begins.

Project Phase 2 operations are expected to begin the first quarter of 2031 following the completion of Phase 2 construction. The specific tenants are unknown for the new development in Phase 2, but are expected to be mainly retail and commercial uses. Additional information on operational activities is presented in Chapter 2, *Emission Calculation Methods*.

Objective

Health risks were estimated for potential exposure to DPM, $PM_{2.5}$ exhaust from combustion sources, exhaust and evaporative TACs from operational gasoline vehicles, and evaporative TACs from the gas station. There are no major sources of other TAC emissions from project construction and operations. This HRA evaluates health impacts at all existing sensitive receptor locations (e.g., residences, daycares, schools) and all existing adult/worker receptor locations (e.g., business employees, and fitness club users) within 1,000 feet of the project site.

Methods

The approach for this HRA is consistent with BAAQMD and Office of Environmental Health Hazard Assessment (OEHHA) guidance. Consistent with guidelines and recommendations from these agencies, this HRA evaluates the estimated incremental increase in lifetime cancer risks and non-cancer chronic risk from exposure to project-related construction and operational sources, including construction equipment, traffic and stationary combustion sources such as generators, evaporative TACs from the gas station, as well as delivery vehicle idling, etc.

Report Organization

This HRA is divided into seven chapters as follows:

- **Chapter 1 – Introduction** describes the purpose and scope of the HRA, the project description, the objectives and overall methods used in the HRA, and outlines document organization.

- **Chapter 2 – Emission Calculations** describes the methods that were used to estimate DPM and TAC emissions from construction and operation of the project.

- **Chapter 3 – Receptor Identification** describes the potential receptor locations that are within 1,000 feet from the project site boundary that were evaluated in this HRA. Both sensitive receptors and worker receptors within the study domain were included.

- **Chapter 4 – Air Dispersion Modeling** presents the air dispersion modeling, the data used in the model (e.g., meteorology, source characterization, sensitive receptor characteristics, terrain) to generate the ground level $PM_{2.5}$ and TAC concentrations.

- **Chapter 5 – Risk Characterization Methods** provides an overview of the methods used to conduct the HRA (such as cancer risk and non-cancer chronic risks).

- **Chapter 6 – Results** presents the estimated excess lifetime cancer risks, non-cancer chronic risks, and $PM_{2.5}$ concentrations for the project. This chapter includes the cumulative HRA analysis results.

- **Chapter 7 – Modeling Uncertainties** summarizes the critical uncertainties associated with the HRA modeling for both $PM_{2.5}$ exhaust and TACs.

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CHAPTER 2

Emission Calculations

Pollutants of Concern (POC)

The HRA evaluates health risks associated with the proposed project based on exposure of sensitive receptors to POCs, including DPM, toxic components of TOGs, as well as $PM_{2.5}$ exhaust.

While DPM is a complex mixture of gases and fine particles that includes over 40 substances that are listed by the United States Environmental Protection Agency (USEPA) as hazardous air pollutants and by the California Air Resources Board's (CARB) as toxic air contaminant, the DPM analysis will use PM_{10} emissions as a surrogate for DPM emissions.[1] OEHHA guidance indicates that the cancer potency factor to be used to evaluate cancer risks were developed based on whole (gas and particulate matter) diesel exhaust, and that the surrogate for whole diesel exhaust is DPM, with PM_{10} serving as the basis for the potential risk calculations.[2]

As discussed below, the TAC analysis for construction only considers DPM because all construction equipment, including off-road equipment, vendor trucks, and haul trucks, is assumed to be diesel-fueled.

The only TAC emissions included in the operational HRA are from mobile sources and the proposed Costco gas station, which is consistent with BAAQMD and OEHHA guidance (BAAQMD considers small natural gas combustion sources, such as hot water heaters and boilers, to be minor, low-impact sources).[3] During project operations, exhaust and evaporative TOG emissions would be generated from light-duty gasoline cars (traveling to and from the project site) and gas station activities (including customer fueling, fuel spillage, and venting from an underground storage tank). The BAAQMD has developed weighted toxicity values for tailpipe and evaporative TOG losses that incorporate the individual toxicity of each compound that make

1 OEHHA, "For the Proposed Identification of Diesel Exhaust as a Toxic Air Contaminant" Part B: Health Risk Assessment for Diesel Exhaust, May 1998, https://www.arb.ca.gov/toxics/dieseltac/part_b.pdf. Accessed November 2018.

2 OEHHA, The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments, August 2003, https://oehha.ca.gov/media/downloads/crnr/hraguidefinal.pdf. Accessed November 2018.

3 BAAQMD, Recommended Methods for Screening and Modeling Local Risks and Hazards, May 2012. http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en. Accessed November 2018.

up TOG.[4] This analysis updated the risk factors in the BAAQMD analysis with the latest data in CARB's Hotspots Analysis and Reporting Program (HARP) database (see detail in Table 2 below). The summation of all of the individual weighted toxicity values developed by BAAQMD is then cumulatively weighted and applied in the risk and hazard calculations explained in Chapter 5, *Risk Characterization Methods*. By developing and using the weighted toxicity factors for tailpipe TOG and evaporative TOG for risk calculations, there is no need to speciate the TOG into specific TAC components in emission calculations and/or the health risk calculations. As discussed below in the *Emission Calculation Methods* section and Chapter 5, *Risk Characterization Methods,* health risks from construction only included DPM because all construction equipment, including vendor and haul trucks, are assumed to be diesel-fueled, and DPM is the primary TAC of concern for diesel-fueled equipment and vehicles. For operations, the health risk analysis includes DPM exhaust emissions from delivery trucks and on-site emergency generators and speciated TACs associated with TOG emissions from light-duty gasoline vehicles and the gas station. Speciation and toxicity values for TAC components of TOG emissions are shown below in Table 2.

[4] BAAQMD, Recommended Methods for Screening and Modeling Local Risks and Hazards, May 2012. http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en. Accessed November 2018.

TABLE 2
GASOLINE VEHICLE TOG SPECIATION AND TOXICITY [a]

Toxic Compounds	EMFAC Gasoline TOG Speciation (% TOG)	Unit Factor	Inhalation Cancer Potency Factors (mg/kg-day)$^{-1}$	Weighted Inhalation Cancer Potency Factor (mg/kg-day)$^{-1}$ Calculated	Chronic Non-Cancer Reference Dose (ug/m^3)	Unit Chronic Non-Cancer Risk Weighted Factor (ug/m^3) Calculated
Toxic Speciation of TOG due to Tailpipe Emissions						
Acetaldehyde	0.28%	0.0028	0.01	2.80E-05	140	0.39
Acrolein	0.13%	0.0013	0		0.35	0.00046
Benzene	2.47%	0.0247	0.1	2.47E-03	3	0.07
1,3-Butadiene	0.55%	0.0055	0.6	3.30E-03	2	0.01
Ethyl Benzene	1.05%	0.0105	8.70E-03	9.14E-05	2000	21.00
Formaldehyde	1.58%	0.0158	2.10E-02	3.32E-04	9	0.14
Hexane	1.60%	0.016	0		7000	112.00
Methanol	0.12%	0.0012	0		4000	4.80
Methyl Ethyl Ketone	0.02%	0.0002	0		0	
Naphthalene	0.05%	0.0005	0.12	6.00E-05	9	0.0045
Propylene	3.06%	0.0306	0		3000	91.80
Styrene	0.12%	0.0012	0		900	1.08
Toluene	5.76%	0.0576	0		300	17.28
Xylenes	4.80%	0.048	0		700	33.60
		Toxicity Weighted Factor		**6.28E-03**		**282.18**
Toxic Speciation of TOG due to Evaporative Losses						
Benzene	0.36%	3.60E-03	0.1	3.60E-04	3	0.0108
Ethyl Benzene	0.12%	1.18E-03	8.70E-03	1.03E-05	2000	2.36
Hexane	1.54%	1.54E-02	0	0	7000	107.8
Toluene	1.70%	1.70E-02	0	0	300	5.1
Xylenes	0.58%	5.78E-03	0	0	700	4.046
		Toxicity Weighted Factor		**3.70E-04**		**119.32**

NOTES:

[a] Speciation data and weighted toxicity calculations are based on Table 14 and Table 15 of the BAAQMD Recommended Methods for Screening and Modeling Local Risks and Hazards (May 2012).

ABBREVIATIONS:

mg/kg-day – milligrams per kilogram per day
ug/m^3 – micrograms per cubic meter

In addition to evaluating the health risks from exposure to DPM and TACs, the HRA also evaluates annual average $PM_{2.5}$ exhaust concentrations. This is consistent with BAAQMD's May 2017 CEQA Guidelines, *California Environmental Quality Act: Air Quality Guidelines*, which indicate that $PM_{2.5}$ be evaluated in community-scale impacts of air pollution based on scientific studies and recommendations by the Bay Area Health Directors to the BAAQMD's Advisory Council.[5]

Fugitive emissions associated with diesel fueling at the gas station was not included per guidance from the BAAQMD. Diesel fuel dispensing is exempt from District permitting requirements due to the very low vapor pressure of diesel fuel. Although BAAQMD HRA procedures don't specifically discuss diesel fueling at gas stations, the BAAQMD has indicated that for CEQA purposes, TAC emissions and associated health risks from diesel fuel dispensing would likely be very small due to the very low vapor pressure of diesel fuel.[6]

There are no major sources of other TAC emissions from project construction and operations, so additional TACs were not included in the HRA.

Emission Calculation Methods

This analysis used the emissions factors from California Emissions Estimator Model (CalEEMod) version 2016.3.2, CARB's EMission FACtor 2017 (EMFAC2017) model and BAAQMD guidance documents for calculating project's construction and operational emissions.

For construction, the health risk analysis only considers DPM and conservatively assumed all construction equipment, including vendor and haul trucks, will be diesel-fueled. All DPM emissions are assumed to be equal to PM_{10} emissions from equipment and vehicle exhaust. For operations, the health risk analysis includes DPM from heavy-duty delivery trucks, emergency generators, and TACs from the project's new vehicle trips and gas station operations.

The following sections discuss methods used to calculate emissions of DPM, $PM_{2.5}$ exhaust, and TACs associated with TOG emissions for each source associated with the project. The section is separated into construction emissions and operational emissions. All assumptions used to estimate construction and operational emissions are included in the HRA appendices. See Appendix A for emission calculation details.

Construction Emissions

Project construction-related emissions of DPM and $PM_{2.5}$ exhaust (e.g., off-road equipment exhaust, and on-road vehicle exhaust) were estimated using project-specific construction-phasing

5 BAAQMD. 2017. California Environmental Quality Act Air Quality Guidelines. May 2017. Available at http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en. Accessed: November 2018.

6 Carol Allen, Assistant Manager, Engineering Division, BAAQMD. Email correspondence with ESA on November 27, 2018.

schedule and equipment mix for Phase 1A provided by the City (including information provided by Costco), and CalEEMod defaults where specific information was not available, such as for Phase 1B and Phase 2. Annual average construction-related DPM and $PM_{2.5}$ exhaust emissions for each construction phase and year of construction was estimated.

Off-road Equipment

This HRA estimated off-road construction equipment emissions using the emission factors in the CalEEMod User's Guide, Appendix D. 2020 Emission factors were used for Phase 1 construction and 2030 emission factors were used for Phase 2. Equipment horsepower and load factors were based on CalEEMod default values. Off-road equipment emissions were estimated based on **Equation 1** below.

Equation 1: $$E_{phase} = \sum_{i} (Activity_i * EF_i * LF_i * HP_i) * Conv$$

Where:

E_{phase} = Total exhaust emissions for the phase, pounds per day
Activity = Equipment activity, hours per day
EF = Engine emissions factor, grams/horsepower-hour (CalEEMod/OFFROAD2011)
LF = Engine load factor, unitless (CalEEMod/OFFROAD2011)
HP = Engine horsepower, hp (CalEEMod/OFFROAD2011)
Conv = Conversion factor, 0.002205 pounds/grams
i = Equipment type

On-road Mobile Sources

In addition to off-road equipment, project construction would require on-road vehicles for vendor trips, concrete truck trips, and soil movement and import trips. As mentioned earlier, all demolition and construction debris will be recycled on-site so that there will be no export haul truck trips. Emissions from worker trips were not included in the HRA because the vast majority of worker trips will be conducted in gasoline vehicles, which do not emit DPM, and are therefore not a significant source of health risks.[7]

[7] CalEEMod assumes that worker vehicles consist of 50% light-duty auto (or passenger car), 25% light-duty truck type 1 (LDT1), and 25% light-duty truck type 2 (LDT2). According to EMFAC2014 (the on-road vehicle emission factor model used in CalEEMod version 2016.3.2), approximately 99.91% of total miles driven in the BAAQMD in 2020 by passenger cars, LDT1, and LDT2 vehicles are gasoline-powered.

On-road Haul Trucks, Concrete Trucks, Worker Trips, And Vendor Trips

Emissions from on-road import haul trucks, concrete trucks, and vendor trips were estimated using EMFAC2017. 2020 Emission factors were used for Phase 1 construction and 2030 emission factors were used for Phase 2. The project would require a total of approximately 1,360 truck trips for soil import, 2,040 concrete truck trips, 3,330 vendor truck trips, and 39 paving truck trips over the entire construction duration for both Phase 1 and Phase 2. This HRA assumes that Phase 1A construction would require approximately 400 soil import truck trips, 600 concrete truck trips, 1,050 vendor truck trips, and 7 paving truck trips; Phase 1B construction would require approximately 340 soil import truck trips, 510 concrete truck trips, 970 vendor truck trips, and 11 paving truck trips; and Phase 2 construction would require 620 soil import truck trips, 930 concrete trucks, 1,310 vendor truck trips, and 21 paving truck trips (all numbers above refer to round-trips).

On-road emissions of DPM and $PM_{2.5}$ exhaust were calculated for each year to estimate total cancer risk and annual average $PM_{2.5}$ exhaust concentrations for the HRA. DPM and $PM_{2.5}$ exhaust emissions generated by on-road vehicle trips were calculated for each phase of construction using **Equation 2**.

Equation 2: $$E_{phase} = \sum_{i} (Activity_i * EF_i * Distance_i) * Conv$$

Where:

E_{phase} = Total exhaust emissions for the phase, pounds per day
Activity = Vehicle trips, trips per day
Distance = Vehicle trip length, miles per trip
EF = Engine emissions factor, grams/mile (EMFAC2017)
Conv = Conversion factor, 0.002205 grams/pound
i = Vehicle type

Haul Truck Idling

Idling emissions associated with heavy-duty trucks (haul trucks, concrete trucks, material delivery trucks, water trucks, etc.) were estimated based on the anticipated number of truck trips as provided by the City and idling emission factors for heavy-duty vehicles from EMFAC2017 for on-road emissions. It was assumed that for haul trucks' and concrete trucks' idling activities would total 15 minutes per trip, representing three separate 5-minute idling occurrences: check-in to the site or queuing at the site boundary upon arrival, on-site idling during loading/unloading, and check-out of the site or queuing at the site boundary upon departure. The 5-minute limit per idling occurrence is consistent with the CARB's Air Toxics Control Measure (ATCM) to Limit Diesel-Fueled Commercial Motor Vehicle Idling. Emission factors for heavy-heavy-duty-trucks (HHDT) vehicles idling from EMFAC2017 were used to calculate emissions.

DPM and $PM_{2.5}$ exhaust generated by on-site heavy-duty truck idling for each phase were calculated using emission factors from EMFAC2017 and **Equation 3**.

Equation 3: $$E_{phase} = \sum_{i} (Activity_i * Time_i \div Conv_1 * EF_i) * Conv_2$$

Where:

E_{phase} = Total exhaust emissions for the phase, pounds per day
Activity = Vehicle trips, trips per day
Time = Vehicle idle time, 15 minutes per trip (CARB ATCM)
$Conv_1$ = Conversion from minutes to hours, 60 minutes per hour (standard conversion)
EF = Idle emissions factor, grams/idle-hour (EMFAC2017)
$Conv_2$ = Conversion factor, 0.002205 grams/pound
i = Vehicle type

Operational Emissions

Operational emissions considered in this analysis include the following:

- Tailpipe TOG emissions from new gasoline vehicle trips generated by the project, including exhaust from vehicle running, idling and startup;
- Evaporative TOG emissions from new gasoline vehicles trips generated by the project, including running, rest, hot soak and diurnal losses;
- Evaporative TOG emissions from the transfer and storage of gasoline at the gas station (i.e., underground tank filling, tank breathing, vehicle fueling and spillage); and
- $PM_{2.5}$ exhaust and DPM emissions from new project-related delivery trucks traveling and idling, delivery trucks with transportation refrigeration units (TRU), and emergency generators located at the Costco club retail store and the hotel.

Additionally, there is an existing FedEx facility located at the southern portion of the project site, the delivery trucks of which will contribute to the project's cumulative $PM_{2.5}$ exhaust and DPM emissions until Phase 2 construction begins (as mentioned above, all existing buildings will be demolished in Phase 2).

Mobile Sources

Project Vehicle Trips (Light-Duty Vehicles)

Operation of the proposed project would generate exhaust TOG and $PM_{2.5}$ emissions from light-duty vehicles. Trip rates for Phase 1 and Phase 2 land uses were based on the project's Supplemental Environmental Impact Report (SEIR) Traffic Study (these trip rates include the pass-by trip percentage values presented in the Draft SEIR Traffic Study).[8] It was assumed the trip rates represent light-duty vehicle categories. The light-duty vehicle categories included in the analysis are: light-duty autos (LDA), light-duty trucks (LDT1 and LDT2), and medium-duty vehicles (MDV). A weighted emission factor was generated for light-duty vehicles based on the population distribution of these light-duty categories. The light-duty population distribution for LDA, LDT1, LDT2, and MDV were 59 percent, 6 percent, 21 percent, and 13 percent, respectively. Trip lengths were based on the distance light-duty vehicles would travel on-site within the EDZ to reach the specific land use.

Exhaust and evaporative TOG emissions would be generated from light-duty vehicles. TOG emissions are composed of TACs in varying quantities as discussed above and presented in Table 2. It was assumed that all vehicles traveling to the site (excluding heavy-duty delivery trucks) would be gasoline-powered (i.e., visitors driving light-duty automobiles), and DPM is therefore not a concern for these vehicles.[9] Estimates of gasoline-related TOG emissions were based on the CARB's EMFAC2017 TOG emission rates for gasoline vehicles. The HRA estimated TOG and $PM_{2.5}$ exhaust emissions from light-duty vehicles using Equation 2 above, and calculated health risks from these emissions following the methods described in Chapter 5, *Risk Characterization Methods*.

Heavy-Duty Delivery Trucks

The proposed project will also include trucks delivering materials and goods to the project site. This analysis assumed all delivery trucks will be diesel-fueled HHDT. Delivery truck trip lengths were based on the distance along Johnson Drive to a specific project land use (e.g., the trip distance for trucks traveling to FedEx would be shorter than the trip distance for trucks traveling to Costco). The number of trucks operating per day (i.e. round trips) are shown in **Table 3** below. The HRA estimated DPM and $PM_{2.5}$ exhaust emissions from delivery vehicles using Equation 2 above, and calculated health risks from these emissions following the methods described in Chapter 5, *Risk Characterization Methods*.

8 Johnson Drive Economic Development Zone Transportation Impact Analysis, Fehr & Peers, 2015.

9 According to EMFAC2014 (the on-road vehicle emission factor model used in CalEEMod version 2016.3.2), approximately 99.91% of total miles driven in the BAAQMD in 2020 by passenger cars, LDT1, and LDT2 vehicles are gasoline-powered.

TABLE 3
DAILY TRUCK DELIVERIES [a]

Source	Trucks per Day (round trips) [b]
Phase 1	
FedEx [c]	390
Costco Store	10
Costco Gas Station	6
Hotel/Retail	29
Phase 2	
Retail	83

NOTES:

[a] Daily trucks for the FedEx, the Costco store, and the Costco gas station were based on information from the City (including information provided by Costco). Daily trucks for the hotel and retail land uses were based on the daily trips generated by these land uses, as supplied by the SEIR's Traffic Study, and multiplied by the HHDT default fleet mix percentage from CalEEMod.

[b] The total number of trucks per day represents the number of daily round-trip truck trips assumed in the modeling.

[c] The FedEx is an existing facility currently operating on the southern portion of the project site. Although It is not considered part of the proposed project, to be conservative, impacts from the FedEx were included.

SOURCE: ESA 2018

Delivery Truck Idling

Idling emissions associated with delivery trucks at loading docks and other locations were estimated based on the anticipated number of delivery trips at each land use. Idling emission factors for HHDT vehicle types were obtained from EMFAC2017. It was assumed that idling activities would total 15 minutes per trip (see description above for construction vehicle idling). Project-related delivery vehicle idling emissions were calculated using Equation 3 above.

TRUs

Delivery trucks would generate DPM and $PM_{2.5}$ exhaust emissions from the use of truck-mounted diesel-powered TRUs. It was assumed that 75 percent of Costco trucks, 25 percent of all other project trucks (including hotel and retail delivery trucks), and FedEx delivery trucks would operate a TRU for two hours per trip on any given day. TRU emissions were based on emission factors from CARB's ATCM.

For mobile source emissions, the HRA conservatively used EMFAC2017 emission factors for the calendar year 2021 for all year of Phase 1 operations occurring from 2021 to 2030, and EMFAC2017 emission factors for the 2031 calendar year for full buildout operations during 2031 and afterward.

Stationary Sources

Emergency Generators

This analysis assumed both the Costco store and hotel would each have one 1,000 kilowatt (kW) back-up diesel generator. Although the specific tenants are unknown for the new development in Phase 2, they are expected to be mainly retail and commercial. Because general retail and commercial buildings typically don't require the use of emergency generators, no emergency generators were assumed to be part of Phase 2. Emergency generator emissions were estimated based on a maximum annual operation schedule of 50 hours each generator, consistent with emergency standby engine testing limits established in BAAQMD Regulation 9-8-330.3.

Emissions factors for the generators are equal to emission standards for New Stationary Emergency Standby Diesel-Fueled Compression Ignition Engines with power greater than 560 kW.[10] DPM and $PM_{2.5}$ exhaust emissions generated by emergency diesel generators are calculated using **Equation 4**.

Equation 4: $E = N * EF * LF * HP * Conv$

Where:

E = Total exhaust emissions, pounds per day

N = Number of emergency generators

EF = Engine emissions factor by pollutant, grams/horsepower-hour (CARB, 2010 standards, power > 560 kW [CARB2010])

LF = Engine load factor, 0.74, unitless (Carl Moyer Program, CalEEMod default)

HP = Engine power, 1,000 kW for each generator

Conv = Conversion factor, 0.002205 grams/pound

Because the CARB emission standards do not include PM_{10} or $PM_{2.5}$, the total PM emissions standard was multiplied by 0.960 to determine the PM_{10} emission rate, and the PM emissions rate was multiplied by 0.937 to determine the $PM_{2.5}$ emission rate (for internal-combustion engines, distillate, and diesel-electric generation).[11]

Gas Station

The HRA assumed the Costco gas station would have 20 pumps and an annual gasoline throughput of approximately 26,640,000 gallons, as provided by the City. In addition to

[10] CARB, Final Regulation Order, The Airborne Toxic Control Measures for Stationary Compression Ignition Engines, 2011. https://www.arb.ca.gov/diesel/documents/FinalReg2011.pdf. Accessed November 2018.

[11] SCAQMD, Final-Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, October 2006, http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/particulate-matter-(pm)-2.5-significance-thresholds-and-calculation-methodology/final_pm2_5methodology.pdf?sfvrsn=2. Accessed November 2018.

emissions associated with fuel delivery trucks and customer trips as discussed above for operational mobile sources, this HRA also included the following emission sources at the gas station:

- Tailpipe TOG emissions from customer vehicle queuing/idling and startup; and
- Evaporative TOG emissions from the transfer and storage of gasoline at the gas station (i.e., underground tank filling, tank breathing, vehicle fueling and spillage).

The HRA assumed each customer vehicle will idle at the gas station for a total of 10 minutes. This is a conservative assumption which is likely to overestimate the average customer idling time and idling-related emissions. The gas station is required to comply with the best achievable control technology (BACT) since it can emit more than 10 pounds per day of volatile organic carbon (VOC) emissions, and using Phase I and Phase II vapor recovery equipment with vent valves is considered BACT for gas dispensing facilities. Therefore, evaporative TOG emission calculations used the loading, breathing, refueling and spillage losses emission factors for Phase I and Phase II vapor recovery equipment with vent valves in the California Air Pollution Officers Associate's (CAPCOA) *Gasoline Service Station Industrywide Risk Assessment Guidelines*.[12]

[12] CAPCOA, Air Toxics Hot Spots Program, Gasoline Service Station Industrywide Risk Assessment Guidelines, November 1997, https://www.arb.ca.gov/ab2588/rrap-iwra/GasIWRA.pdf. Accessed November 2018.

CHAPTER 3

Receptor Identification

Existing receptor locations that are within 1,000 feet from the project site boundary were evaluated for effects of project construction and operational activities, as shown in **Figure 2,** *Project Boundary and Modeling Extant*. Both sensitive receptors and worker receptors within the study domain were included. Sensitive receptors evaluated in the analysis included:

- Daycares:
  - Love & Care Christian Preschool at Valley Bible Church – This is a daycare within the project boundary that will be demolished in Phase 2, it accepts children from two years old to Pre-K;
  - ClubSport Pleasanton (CSP) – This location has adult gym and also a Kids World program that accepts children from six weeks to 17 years old.
- Off-Site Residences:
  - Residences in the Stoneridge Apartment Community (west across from I-680);
  - Residences in the Val Vista neighborhood, southeast of project site;
  - Residences along Stonedale Drive, southwest of project site; and

There are no new onsite sensitive receptors associated with the project because there would be no residential land uses at the project site and no childcare or daycare facilities. Therefore, the residential receptors included in the HRA are all off-site.

For worker receptors, this analysis evaluated project risks at existing on-site businesses and surrounding businesses and fitness clubs that are within 1,000 feet of the project boundary. Although the BAAQMD does not consider worker receptors as sensitive receptors, and therefore does not require that HRAs include worker risk evaluation under CEQA, the HRA includes worker risk for existing off-site and existing on-site worker exposures to provide a comprehensive and conservative assessment of potential risk associated with the project. All on-site worker receptors would be removed as part of Phase 2 demolition activities in 2030. On-site workers would be exposed to all Phase 1 construction emissions and Phase 1 operational emissions for 10 years. Off-site worker receptors evaluated included:

- ClubSport Pleasanton;
- Val Vista Park;
- Lifelight Fitness;

- Crossfit Pleasanton;
- Kungfu Dragon USA;
- Norcal Volleyball Club;
- Total Player Center Baseball; and
- All existing off-site employees within 1,000 feet of the EDZ.[13]

[13] Sakura Gakuen school is not included as an offsite sensitive receptor because it is a language school. Students only are present for a maximum of 2 hours a day for language lessons during summer camp or after school. In addition, the school is located more than 1,500 feet from the project boundary. As such, it was not included as a sensitive receptor.

Path: U:\GIS\GIS\Projects\14xxxx\D140421_Johnson_Drive\03_MXDs_Projects\HRA\Fig2_Prj Bndry_Modeling_Extent_20181114.mxd, sgeissler, 11/9/2018

SOURCE: DigitalGlobe, 2017

Johnson Drive Health Risk Assessment

Figure 2
Project Boundary and Modeling Extent

ESA

CHAPTER 4

Air Dispersion Modeling

The HRA was conducted following methods in the BAAQMD Air Toxics NSR Program Health Risk Assessment Guidelines, the BAAQMD Recommended Methods for Screening and Modeling Local Risks and Hazards document, and the 2015 OEHHA Air Toxics Hot Spots Program Guidance (2015 OEHHA Guidelines).[14,15,16] The 2015 OEHHA Guidelines were used to determine health risk from all TAC sources associated with the project, including the gas station. Although the BAAQMD NSR guidelines state that any HRA for gasoline dispensing facilities should follow the procedures described in the 2003 OEHHA Health Risk Assessment Guidelines for the Air Toxics Hot Spots Program (2003 OEHHA Guidelines), and not the 2015 OEHHA Guidelines, BAAQMD Regulation 1-102 *More than One Emission Standard* states: "*Where a person is subject to more than one emission standard for the same air contaminant, the more stringent shall apply.*"[17] Based on guidance from the BAAQMD, applying Regulation 1-102 to this HRA means that the 2015 OEHHA Guidelines should be used for all TAC sources associated with the project, including the gas station, because the 2015 OEHHA Guidelines are more stringent than the 2013 OEHHA Guidelines.[18]

Model Selection and Parameters

This analysis used the American Meteorological Society/Environmental Protection Agency regulatory air dispersion model (AERMOD version 18081) to estimate concentrations of DPM, $PM_{2.5}$ exhaust, and organic TACs at on- and off-site sensitive receptors. Besides the discrete receptors identified in Chapter 3, grid receptors were placed 20-meters apart covering the existing off-site residential and commercial areas within 1,000 feet of the project boundary. Each receptor was placed at a height of 1.8 meters above terrain height, which represents the default breathing

14 BAAQMD, Air Toxics New Source Review Program Health Risk Assessment Guidelines, December 2016. http://www.baaqmd.gov/~/media/files/planning-and-research/permit-modeling/hra_guidelines_12_7_2016_clean-pdf.pdf. Accessed November 2018.

15 BAAQMD, Recommended Methods for Screening and Modeling Local Risks and Hazards, May 2012. http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en. Accessed December 2018.

16 OEHHA, Air Toxics Hot Spots Program, Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments, February 2015. https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf. Accessed November 2018.

17 BAAQMD, Regulation 1 General Provisions and Definitions, March 2008. http://www.baaqmd.gov/~/media/files/planning-and-research/rules-and-regs/r1_00_dr_032508.pdf?la=en. Accessed December 2018.

18 Carol Allen, Assistant Manager, Engineering Division, BAAQMD. Email correspondence with ESA on July 23, 2018.

height for ground-floor receptors. Children at the on-site daycare were placed at a height of 0.5 meters to represent child breathing zones. Besides receptors, the AERMOD model requires numerous other inputs, such as meteorological data, source parameters, and topographical data. The following sections explain the major inputs used for this analysis.

For each receptor location, AERMOD generates air concentrations that result from emissions from multiple sources. AERMOD model requires numerous inputs, such as meteorological data, source parameters, topographical data, and receptor characteristics. AERMOD modeling parameters can be found in Appendix A.

Meteorological Data

This analysis used the AERMOD-ready meteorological dataset of the nearest meteorological air monitoring site - the Livermore Municipal Airport, which includes five years of data that was downloaded from the CARB's meteorological database.

Modeling Terrain

Terrain and elevation data was imported from the United States Geological Survey's (USGS) National Elevation Dataset (NED) (United States Geological Survey 2013). The dataset consists of ground surface elevation data for the United States, Canada, and Mexico. Elevations for all receptors and buildings were based on a NED dataset with a 10-meter resolution.

Based on the land use characteristics in the project vicinity, urban dispersion coefficients were used in AERMOD. The site was modeled with the urban population of 83,007 for July 1, 2017.[19] (US Census Bureau 2018). The urban option in AERMOD accounts for increased turbulence associated with the urban heat island effect.

Modeled Source Characters

As noted above, construction sources include off-road construction equipment, on-road diesel trucks (including haul trucks and material delivery trucks), and diesel truck idling. Operational sources include light- and heavy-duty truck travel, idling, TRU operation, emergency generators, and exhaust and evaporative TOGs from gas station activities. The modeling parameters used in AERMOD for each source are discussed below.

Emission rates from the various emission sources (e.g. construction activities, vehicle traffic, emergency generators, gas stations, and delivery trucks) were based on the anticipated hours of activity for each source and other information as described in Chapter 2, *Emission Calculations*, above. Each emission source was modeled separately within AERMOD. The analysis used a unitized emission rate concept for each source group, where each source group is modeled with a

Line-Volume Source representing Trucks and Light-Duty Vehicle Emissions

Point Source representing Emergency Generators

Volume Source with Point Source to represent Gas Station Fueling/Spillage/Venting

Buildings

Project Boundary

[19] US Census Bureau, F… , 2017. https://www.census.g… tycalifornia. Accessed November 2018.

unitized emission rate of 1 gram/second (g/s). The modeled concentration at each receptor (micrograms per cubic meter [μ/m^3]/[g/s]) represents a "dispersion factor," which was then multiplied by the actual emission rate of each source group to determine actual concentrations, and the final result from all the sources was superimposed. This approach is called the "Summation Concept", which is conservative because the concentration and deposition fluxes at each receptor are the linear addition of the resulting values from each source groups. When modeling annual $PM_{2.5}$ emissions, the actual emissions rate of each source was used instead of a unitized emission rate.

Construction

The sections below describe how construction activities were modeled in AERMOD. Different source groups were modeled to represent emissions for each construction phase (i.e., Phase 1A, Phase 1B, and Phase 2). To reflect the duration of construction activities, Phase 1A construction was modeled as operating between 7 AM and 5 PM, 6 days a week, based on information provided by the City; Phase 1B and Phase 2 construction activities were modeled as operating between 7 AM and 5 PM, 5 days per week, based on CalEEMod default values. Detailed construction modeling parameters are presented in Appendix A.

Off-road Equipment

The exhaust emissions from off-road construction equipment were modeled as multiple areas sources equal to the size of the construction areas, with a 5-meter release height and 1.4-meter initial vertical dispersion.[20,21]

For all construction activities, an even distribution of construction emissions over the entire area of construction for each construction phase was used. This approach is appropriate because the location of where off-road equipment would operate is not known and it assumes emissions would originate from all potential locations within the construction source grid.

On-road Mobile Sources

Haul Routes

A line volume source (i.e., line sources as a series of volume sources) was placed along Johnson Drive (the only road with access to the project site). The haul route was modeled with a 10-foot release height and spanned along Johnson Drive from the northern side of the project site to Interstate-680.[22,23]

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20 Release height based on SCAQMD, Final Localized Significance Threshold Methodology, July 2008. http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf?sfvrsn=2. Accessed November 2018.

21 The San Francisco Community Risk Reduction Plan: Technical Support Documentation, December 2012. http://www.gsweventcenter.com/Appeal_Response_References/2012_1201_BAAQMD.pdf. Accessed November 2018.

22 The haul route is preliminary and subject to change, but is the most likely haul route for construction and is not anticipated to change substantially.

Haul Truck Idling

DPM emissions for truck idling were calculated using EMFAC2017 emission factors and were assumed to occur along Johnson Drive ranging from 50 to 250 meters. Idling emissions were modeled as line volume sources with a release height of 10 feet to represent haul trucks checking in and out of the construction site, as well as emissions from loading/unloading activities.[24] Although loading/unloading activities are likely to occur farther away from the construction site boundary, modeling these emissions at this location would be more conservative because emissions would be closer to surrounding sensitive receptors.

Operation

AERMOD-modeled operational emissions sources are shown in **Figure 3,** *Modeled Operational Sources*.

Mobile Sources

Project Vehicle Trips (Light-Duty Vehicles)

Line volumes sources were used to represent $PM_{2.5}$ exhaust and TOG emissions from on-road travel of light-duty gasoline vehicles. Line volume sources of various lengths were used to represent trip lengths and are based on the destination of the light-duty vehicles. A release height of two meters for light-duty vehicles was used based on BAAQMD's CRRP-HRA.[25] Additionally, $PM_{2.5}$ and TOG idling emissions from light-duty vehicles were modeled as line volume sources with a release height of two meters.

Delivery Vehicles

The project site would generate daily truck deliveries for its various land uses. Trucks would generate DPM emissions during three main activities: traveling to and from the project site, idling on-site, and on-site TRU operation for a portion of the trucks. Delivery truck trip lengths were based on the distance along Johnson Drive to a specific project land use (e.g., the trip distance for trucks traveling to FedEx would be shorter than the trip distance for trucks traveling to Costco). These sources were modeled as line volume sources with a release height of 10 feet.[26]

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23 BAAQMD, Recommended Methods for Screening and Modeling Local Risks and Hazards, p.71, May 2012. http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en. Accessed November 2018.

24 Ibid.

25 The San Francisco Community Risk Reduction Plan: Technical Support Documentation, December 2012. http://www.gswebassembly.com/AppealResponse_References/2012_1201_BAAQMD.pdf. Accessed November 2018.

26 BAAQMD, Recommended Methods for Screening and Modeling Local Risks and Hazards, May 2012. http://www.baaqmd.g and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en. Accessed November

Line Volume Source representing Trucks and Light-Duty Vehicle Emissions

Point Source representing Emergency Generators

Volume Source with Point Source to represent Gas Station Fueling/Spillage/Venting

Buildings

Project Boundary

Stationary Sources

Emergency Generators

Emergency generators at Costco and the hotel were modeled as point sources in AERMOD. Generator activity was based on the maximum activity allowed by a BAAQMD permit for emergency generators (50 hours per year), 1,000-2,500-KW engines, and the CalEEMod default load factor of 0.74 (see Chapter 2). It was assumed the generators would be located at grade and have a release height of 2.16 meters.

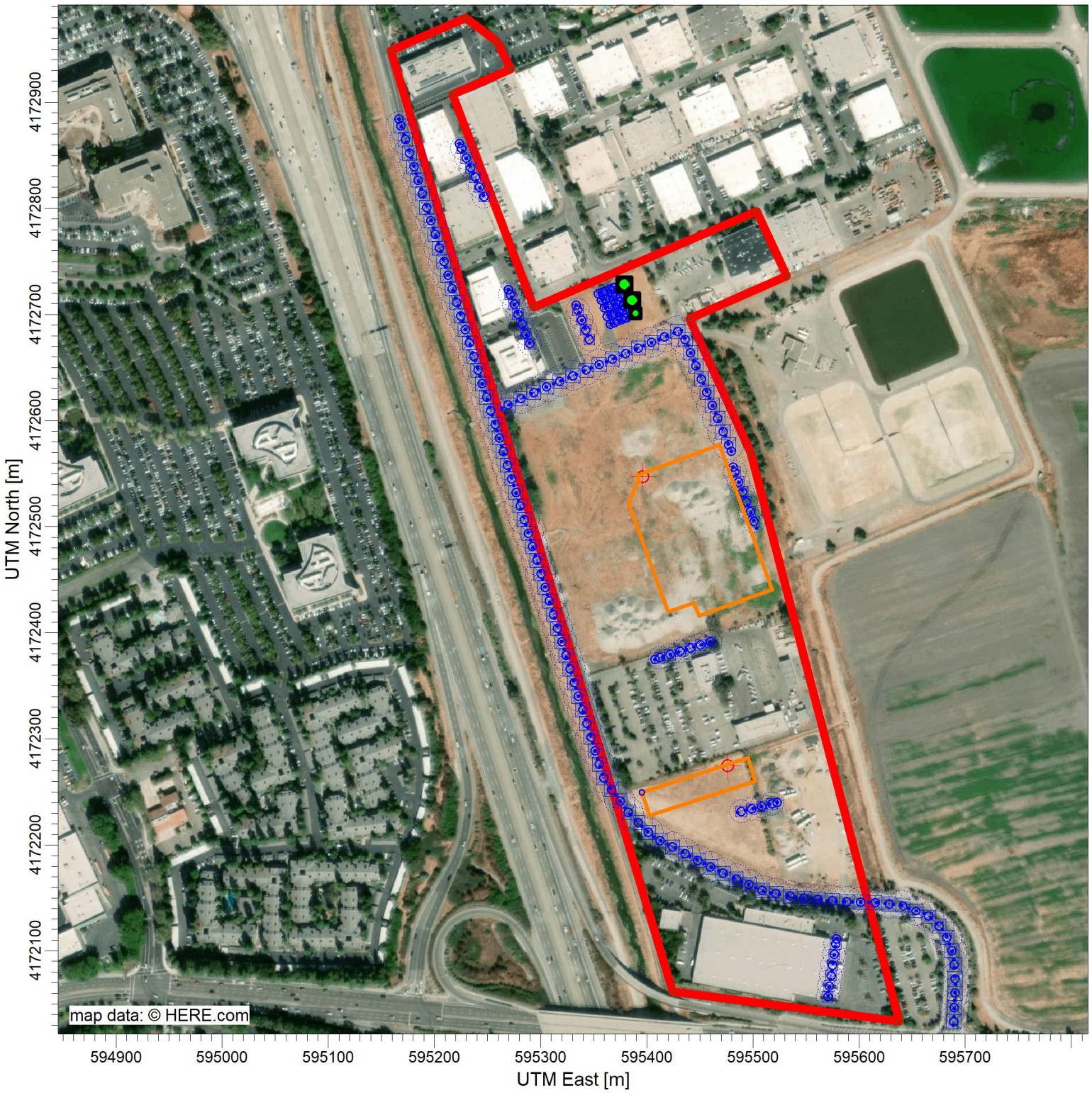
Gas Station

Gas station emissions were modeled in accordance with CAPCOA guidance for gasoline dispensing stations.[27] As described in Chapter 2, gas station emissions would consist of evaporative TOG emissions from customer fueling, fuel spillage, and venting of an underground gasoline storage tank. Volume sources were used to represent customer fuel and fuel spillage emissions. Customer fueling had a release height of one meter and fuel spillage had a release height of zero feet. Point sources with a release height of 12 feet were used to represent loading and venting emissions for the underground storage tank.[28] Also, as discussed in Chapter 2 above, fugitive emissions associated with diesel fueling at the gas station was not included per guidance from the BAAQMD.[29]

[27] CAPCOA, Air Toxics Hot Spots Program, Gasoline Service Station Industrywide Risk Assessment Guidelines, November 1997, https://www.arb.ca.gov/ab2588/rrap-iwra/GasIWRA.pdf. Accessed November 2018.

[28] CAPCOA, Air Toxics Hot Spots Program, Gasoline Service Station Industrywide Risk Assessment Guidelines, November 1997, https://www.arb.ca.gov/ab2588/rrap-iwra/GasIWRA.pdf. Accessed November 2018.

[29] Carol Allen, Assistant Manager, Engineering Division, BAAQMD. Email correspondence with ESA on November 27, 2018.



Line-Volume Source representing Trucks and Light-Duty Vehicle Emissions

Point Source representing Emergency Generators

Volume Source with Point Source to represent Gas Station Fueling/Spillage/Venting

Buildings

Project Boundary

Johnson Drive Health Risk Assessment

ESA

Figure 3
Modeled Operational Sources

CHAPTER 5

Risk Characterization Methods

In March 2015, OEHHA updated the methods for estimating cancer risks to use higher estimates of cancer potency during early life exposures and uses different assumptions for breathing rates and length of residential exposures. The new guidance, *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*, incorporates advances in risk assessment with consideration of infants and children using Age Sensitivity Factors (ASF) (OEHHA 2015). These updated exposure factors can result in numeric life-time health risk values to be approximately two to three times higher than those calculated under the previous OEHHA guidelines. Based on consultation with the BAAQMD, this HRA was performed in accordance with OEHHA's 2015 guidelines to quantify potential impacts from TACs emitted during project construction and operation.[30]

This analysis calculated the project-level lifetime excess cancer risk, chronic health impacts, and annual average $PM_{2.5}$ exhaust concentrations to estimate project-specific and cumulative health risks for both construction and operational emissions. These calculations were based on the emission calculation methods identified in Chapter 2 above, annual average pollutant concentrations from AERMOD discussed in Chapter 4, and accepted dose and risk calculations from OEHHA and BAAQMD, as discussed below.

Acute health impacts associated with short-term exposure to TACs (such as 1-hour and 8-hour exposures) are expected to be insignificant. For DPM sources, according to the BAAQMD, *"Diesel exhaust particulate matter should be used as a surrogate for all TAC emissions from diesel-fueled compression-ignition internal combustion engines*," and DPM does not have an acute reference exposure level.[31,32] BAAQMD confirmed via correspondence with ESA that DPM from internal combustion engines is used as a surrogate to evaluate the combined impacts of all individual TACs found in diesel engine exhaust, and because DPM does not have an acute

[30] The BAAQMD HRA guidance for gas station project and non-gas station project are different. Since this project has TAC emissions from both gas station and non-gas station project components, the project team consulted the BAAQMD in July 2018, and was instructed to use the 2015 OEHHA method consistently for all project components.

[31] BAAQMD, Staff Report: Proposed Amendments to: BAAQMD Regulation 2, Rule 5: New Source Review of Toxic Air Contaminants, January 2016. Table 2-5-1 Toxic Air Contaminant Trigger Levels. http://www.baaqmd.gov/~/media/files/planning-and-research/rules-and-regs/workshops/2016/reg-2-5/revised-trigger-levels_jan_2016-pdf.pdf?la=en. Accessed December 2018.

[32] CARB, Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values, August 2018. https://www.arb.ca.gov/toxics/healthval/contable.pdf. Accessed December 2018.

health effects value, you cannot calculate acute health risks from DPM.[33] Therefore, the HRA does not include acute impacts associated with DPM. For organic TACs speciated from TOG emissions associated with light-duty gasoline vehicles and gas station operations, acute health impacts are not considered a risk-driver based on the following sources:

- The CAPCOA Gasoline Service Station Industrywide Risk Assessment Guidelines states, "*It is not necessary to determine the one-hour maximum downwind concentration of substances in gasoline vapors. Appendix I contains a discussion on the relative toxicity of substances in gasoline. It shows that benzene is the most important substance driving the risk assessment. It also shows that xylene is the only substance which is associated with acute adverse health effects. Not until the benzene emissions are three orders of magnitude above the 10 per million cancer risk threshold, do the emissions of xylene begin to cause acute adverse health effects. Therefore, it is not likely the downwind xylene concentrations will ever need to be determined unless the gasoline throughput caused the cancer risk to exceed 100 per million.*"[34]
- BAAQMD Regulation 2, Rule 5: New Source Review of Toxic Air Contaminants states, for GDFs, "*Considering the differences between the acute and chronic trigger levels for benzene, acute impacts are not likely to be a dominant issue for benzene emission projects, such as GDFs. Cancer risk is expected to be the dominant health effect for 1,3 butadiene as well, but acute health impacts could become more significant for projects emitting nickel and nickel compounds.*"[35]
- The BAAQMD Recommended Methods for Screening and Modeling Local Risks and Hazards document states for roadways: *"… the tables do not include acute or chronic noncancer hazards since the maximum hazards estimated from the highest AADT [average annual daily traffic] were found to be extremely low*" and for permitted stationary sources, such as GDFs, *"… the screening values do not include acute hazard index since the maximum values were found to be extremely low.*"[36] Therefore, the BAAQMD risks and hazards screening analysis tools used to conduct the cumulative HRA do not contain acute health risk values, and thus acute health risks were not included in the cumulative HRA.
- The BAAQMD Risk and Hazards Emissions Screening Calculator (Beta Version), which calculates acute risk from GDFs based on worst-case meteorology and other conservative screening criteria, indicates that the acute hazard index for the proposed gas station would be approximately 0.011 at 100 feet from the gas station (the location of the closest off-site

[33] Carol Allen, Assistant Manager, Engineering Division, BAAQMD. Email correspondence with ESA on November 29, 2018.

[34] CAPCOA, Air Toxics Hot Spots Program, Gasoline Service Station Industrywide Risk Assessment Guidelines, November 1997, https://www.arb.ca.gov/ab2588/rrap-iwra/GasIWRA.pdf. Accessed November 2018.

[35] BAAQMD, Staff Report: Proposed Amendments to: BAAQMD Regulation 2, Rule 5: New Source Review of Toxic Air Contaminants, September 2016. http://www.baaqmd.gov/~/media/files/planning-and-research/public-hearings/2016/reg-2-rule-5/0205_sr_102516-pdf.pdf?la=en. Accessed December 2018.

[36] BAAQMD, Recommended Methods for Screening and Modeling Local Risks and Hazards, May 2012. http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en. Accessed November 2018.

worker receptor to the gas station). This calculation was based on calculated daily emissions of benzene, toluene, and xylene from gas station operations as presented in Appendix A. This value of 0.011, which reflects conservative screening methods and is therefore likely higher than would be determined using the refined modeling methods used in this HRA for other TAC sources, is well below the BAAQMD non-cancer hazard index threshold of 1.

Consequently, the HRA does not further quantify the insignificant acute health impacts associated with the project's TAC emissions.

Also, as discussed in Chapter 2 above, fugitive emissions associated with diesel fueling at the gas station was not included per guidance from the BAAQMD.[37]

Exposure Assessment

Cancer risk as a result of exposure to DPM and organic TACs included in this analysis occurs exclusively through the inhalation pathway. Therefore, the HRA only evaluated cancer risks and chronic impacts from inhalation and no other exposure pathways (e.g., dermal and ingestion pathways). Exposure parameters used in the analysis can be found in Appendix A. Risk was calculated for resident, daycare, and worker receptor types. The HRA determined the Maximally Exposed Individual Resident (MEIR) and the Maximally Exposed Individual Worker (MEIW) for both on-site and off-site residents and workers. There are no new onsite sensitive receptors associated with the project because there would be no residential land uses at the project site and no childcare or daycare facilities. Therefore, the residential receptors included in the HRA are all off-site. The only on-site sensitive receptors are located at the daycare at the Love & Care Christian Preschool at Valley Bible Church, which is an existing facility (and is assumed to be removed during Phase 2 construction).

This analysis conservatively evaluated the receptor exposure scenarios discussed below. Details of each scenario are shown in **Table 4**, *Cancer Risk Scenarios*.

- **Off-site residents (Scenarios 1 & 2):** Scenario 1 evaluates resident cancer risk from all construction and operational activities from 2020 (the beginning of project construction) to 2050 (representing a 30-year residential exposure, consistent with OEHHA and BAAQMD guidance). Scenario 2 evaluates resident cancer risk from full buildout operations (i.e., operation of both Phase 1 and Phase 2) from 2031 to 2061 (representing a 30-year residential exposure). For off-site residents, because child resident exposure assumptions are more conservative than those for adult residents, a conservative approach of considering all off-site residential receptors as initially child (infant) residents was used in this HRA, consistent with BAAQMD guidance. Once child receptors have been exposed for 16 years, adult exposure parameters were used. The resident risk calculations were consistent with the BAAQMD guidance of 350 days per year and 30 years of exposure.

[37] Carol Allen, Assistant Manager, Engineering Division, BAAQMD. Email correspondence with ESA on November 27, 2018.

- **Off-site gym user receptors at CSP (Scenarios 3 & 4):** The CSP facility's Kids World program allows a child of 6 weeks to 3 months old to stay at the facility for a maximum of one and half hours per day, and a child 3 months or older to stay for a maximum of four hours per day, through age 17. For cancer risk calculations, this HRA conservatively assumed an individual would be present four hours per day, seven days per week, 350 days per year from birth to 30 years old (representing a highly conservative and unlikely scenario of 30-year total exposure starting with a child exposure from age 3 months to age 16 at the Kids World program and then an adult user exposure from age 16 through 30 as a gym user). Scenario 3 evaluates cancer risk from all construction and operational activities from 2020 to 2050. Scenario 4 evaluates cancer risk from full buildout operational activities from 2031 to 2061. Both represent a 30-year exposure.

- **Off-site existing worker receptors (Scenarios 5 & 6):** These scenarios include existing off-site worker exposure to construction and operational emissions. Scenario 5 evaluates existing off-site worker cancer risk from all construction and operational activities from 2020 to 2045. Scenario 6 evaluates existing off-site worker cancer risk from full buildout operations from 2031 to 2056. Risks at existing off-site non-residential areas where workers are present (including workers at the CSP) were calculated using a worker exposure scenario based on 8 hours per day, 250 days per year, and 25 years of exposure, consistent with OEHHA and BAAQMD guidance for worker exposure.

- **On-site existing daycare receptors (Scenario 7):** Child receptors were evaluated for the daycare at the Love & Care Christian Preschool at Valley Bible Church. Daycare receptors were assumed to be exposed to all Phase 1 construction emissions and a maximum of four years of Phase 1 operations, because the daycare serves children ages two through pre-K (age 5), and longer daycare children exposures are not likely. The daycare risk calculations were consistent with the BAAQMD guidance of 8 hours per day, 250 days per year of exposure.

- **On-site existing worker receptors (Scenario 8):** The worker/teacher receptors for the Love & Care Christian Preschool at Valley Bible Church and workers located at other existing on-site businesses (see list above) were assumed to be exposed to all Phase 1 construction and Phase 1 operation until Phase 2 construction starts in 2030. The daycare and existing businesses were assumed to be demolished during Phase 2 construction. Therefore, existing on-site worker receptors were not exposed to Phase 2 construction or operational emissions. The existing on-site worker risk calculations were consistent with the BAAQMD guidance of 8 hours per day, 250 days per year of exposure.

With regard to scenarios 1 and 2 for off-site residents, the HRA included a 3rd trimester exposure starting in year 2020 with Phase 1 construction (and extending for 30 years with Phase 1 operations, Phase 2 construction, and Phase 2 operations) but did not include a 3rd trimester exposure starting in year 2030 for Phase 2 construction. The 2030 exposure scenario was not included because associated health risks would be less than the 2020 exposure scenario, as off-road construction equipment continues to get cleaner as old equipment is retired, new equipment with more stringent emissions controls are phased into the construction fleet, and more stringent emissions standards for off-road equipment is introduced. Based on the emissions modeling conducted for the project, DPM emissions associated with construction in 2020 are approximately

7.5 times higher than DPM emissions associated with construction in 2030; therefore, DPM exposure and resulting cancer and chronic risk for the 2030 3rd trimester exposure scenario would likely be 5-10 times lower than the risk estimated in the HRA for scenarios 1 and 2. The same rationale holds with regard to scenarios 3 and 4 for off-site child gym user receptors at CSP; the HRA included infant exposure scenarios starting in the year 2020 with Phase 1 construction (and extending for 25 years with Phase 1 operations, Phase 2 construction, and Phase 2 operations), but did not include infant exposure scenarios starting in the year 2030 with Phase 2 construction.

With regard to scenarios 5 and 6 for off-site existing worker receptors and scenario 8 for on-site existing worker receptors, the HRA did not include new on-site worker exposure because the included scenarios capture the potential worker-related risk from the project (also because the BAAQMD does not require worker risk analysis in HRAs for CEQA compliance). These scenarios consider both a full 25-year worker exposure (scenarios 5 and 6) and a 10-year exposure (scenario 8) for existing workers at the project site.

Cancer Risk Characterization

The exposure parameters used to estimate excess lifetime cancer risk for all potentially exposed populations for the HRA were obtained using risk assessment guidelines from OEHHA and BAAQMD.

Intake Calculation

The dose estimated for each exposure pathway is a function of the concentration of a chemical and the intake of that chemical. The intake factor for residential inhalation, IF_{inh}, was calculated as follows using **Equation 5**. The values used in this equation are presented in Appendix A.

Equation 5: $$I_{inh} = \frac{DBR * FAH * EF * ED * MAF * ASF * CF}{AT}$$

Where:

I_{inh} = Intake Factor for Inhalation (m^3/kg-day)
DBR = Daily Breathing Rate (L/kg-day)
FAH = Fraction of time at home (unitless)
EF = Exposure Frequency (days/year)
ED = Exposure Duration (years)
AT = Averaging Time (days)
MAF = Model Adjustment Factor (unitless)
ASF = Age Sensitivity Factor (unitless)
CF = Conversion Factor, 0.001 (m^3/L)

The dose estimated for each exposure pathway is a function of the concentration of a chemical and the intake of that chemical. The intake factor for on- and off-site worker, daycares, and

school inhalation, IF_{inh}, was calculated as follows using **Equation 6**. The values used in this equation are presented in Appendix A.

Equation 6: $$I_{inh} = \frac{DBR * EF * ED * MAF * ASF * CF}{AT}$$

Where:

I_{inh} = Intake Factor for Inhalation (m^3/kg-day)
DBR = Daily Breathing Rate (L/kg-day)
EF = Exposure Frequency (days/year)
ED = Exposure Duration (years)
AT = Averaging Time (days)
MAF = Model Adjustment Factor (unitless)
ASF = Age Sensitivity Factor (unitless)
CF = Conversion Factor, 0.001 (m^3/L)

The chemical intake or dose is estimated by multiplying the intake factor for inhalation, IF_{inh}, by the chemical concentration in air, C_i. This calculation is mathematically equivalent to the dose algorithm given in the current OEHHA guidance. Note for this HRA, the ED from Equations 5 and 6 were taken out to develop an annual risk factor independent of exposure duration, so that cancer risk can be calculated more directly based on the age bins and exposure durations for each age bin. See Appendix A for detail.

Toxicity Assessment

The assessment of toxicity determines the relationship between the magnitude of chemical exposure and the nature and magnitude of adverse health effects resulting from this exposure. Adverse health effects were calculated for both cancer and non-cancer endpoints. Toxicity values that are used to estimate the likelihood of adverse health effects occurring in humans at different exposure levels are identified as part of the toxicity assessment component of an HRA. The toxicity values used in the analysis for DPM and gasoline-related TACs are from OEHHA and BAAQMD.[38, 39] These toxicity values are for carcinogenic (cancer) and Hazard Index (non-cancer) effects.

Age Sensitivity Factors

The estimated excess lifetime cancer risks for children receptors (resident, daycare, and school) were adjusted using the ASFs recommended in the California Environmental Protection Agency

[38] OEHHA, Hot Spots Unit Risk and Cancer Potency Factors, https://oehha.ca.gov/air/air-toxics-hot-spots. Accessed November 2018.

[39] BAAQMD, Recommended Methods for Screening and Modeling Local Risks and Hazards, May 2012. http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en. Accessed November 2018.

(Cal/EPA) OEHHA Technical Support Document and 2015 OEHHA guidance.[40] This approach accounts for an "anticipated special sensitivity to carcinogens" of infants and children. Cancer risk estimates are weighted by a factor of 10 for exposures that occur from the third trimester of pregnancy to two years of age and by a factor of three for exposures that occur from two years through 15 years of age. No weighting factor (i.e., an ASF equal to one, which is equivalent to no adjustment) is applied to ages 16 to 70 years.

Cancer Risk Calculation

Excess lifetime cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to carcinogens. The risk is expressed as a unitless probability, and was calculated as the number of cancer incidences per million individuals in the HRA. The cancer risk for each chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). For cancer risk, the BAAQMD guidance identifies a significant impact if a project would result in an incremental cancer risk that is greater than 10 per million for any receptor. **Table 4** below summarizes the cancer risk scenarios analyzed in this HRA.

BAAQMD has developed weighted toxicity values for tailpipe and evaporative TOG losses that incorporates the individual toxicity of each compound that make up TOG.[41] This analysis updated the risk factors in the BAAQMD analysis with the latest data in the CARB's HARP2 database. The summation of all of the individual weighted toxicity values developed by BAAQMD is then cumulatively weighted and applied in the risk and hazard calculations for tailpipe TOG and evaporative TOG.

Excess lifetime cancer risk occurs exclusively through the inhalation pathway and was calculated according to **Equation 7**.

Equation 7: $$Risk_{inh} = C_i * IF_{inh} * CPF_i * CF_1 * CF_2$$

Where:

$Risk_{inh}$ = Cancer risk; the incremental probability of an individual developing cancer as a result of inhalation exposure to a particular carcinogen (per million)

C_i = Average annual air concentration of chemical, from AERMOD (μ/m^3)

IF_{inh} = Intake Factor for Inhalation (m^3/kg-day)

CPF_i = Cancer potency factor for chemical (mg chemical/kg body weight-day)$^{-1}$

[40] Cal/EPA, Technical Support Document for Cancer Potency Factors: Methodologies for derivation, listing of available values, and adjustments to allow for early life stage exposures. May 2009. https://oehha.ca.gov/media/downloads/crnr/tsdcancerpotency.pdf. Accessed November 2018.

[41] BAAQMD, Recommended Methods for Screening and Modeling Local Risks and Hazards, May 2012. http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en. Accessed November 2018.

CF_1 = Conversion factor, micrograms to milligrams (mg/µg)

CF_2 = Risk per million individuals

i = Chemical

TABLE 4
CANCER RISK SCENARIOS

Scenario	Age Group	Project Component Exposure	Start Date	End Date	ED (years)
Scenario 1: Off-site Resident, Construction + Operation	3rd Trimester	Phase 1 Construction	4/6/2020	7/5/2020	0.25
	Age 0<2 Years	Phase 1 Construction	7/6/2020	4/5/2021	0.75
	Age 0<2 Years	Phase 1 Operation	4/6/2021	7/5/2022	1.25
	Age 2<16 Years	Phase 1 Operation	7/6/2022	1/6/2031	8.5
	Age 2<16 Years	Phase 2 Construction	1/7/2030	1/6/2031	1
	Age 2<16 Years	Full Operation	1/7/2031	7/6/2036	5.5
	Age 16<30 Years	Full Operation	7/7/2036	4/5/2050	13.75
Scenario 2: Off-site Resident, Full Operation	3rd Trimester	Full Operation	1/7/2031	4/6/2031	0.25
	Age 0<2 Years	Full Operation	4/7/2031	4/6/2033	2
	Age 2<16 Years	Full Operation	4/7/2033	4/6/2047	14
	Age 16<30 Years	Full Operation	4/7/2047	1/6/2061	13.75
Scenario 3: CSP Gym User, Construction + Operation	Age 0<2 Years	Phase 1 Construction	4/6/2020	4/5/2021	1
	Age 0<2 Years	Phase 1 Operation	4/6/2021	4/5/2022	1
	Age 2<16 Years	Phase 1 Operation	4/6/2022	1/6/2031	8.75
	Age 2<16 Years	Phase 2 Construction	1/7/2030	1/6/2031	1
	Age 2<16 Years	Full Operation	1/7/2031	4/6/2036	5.25
	Age 16<30 Years	Full Operation	4/7/2036	4/6/2050	14
Scenario 4: CSP Gym User, Full Operation	Age 0<2 Years	Full Operation	1/7/2031	1/6/2033	2
	Age 2<16 Years	Full Operation	1/7/2033	1/6/2047	14
	Age 16<30 Years	Full Operation	1/7/2047	1/6/2061	14
Scenario 5: Off-site Worker, Construction + Operation	Age 16<70 Years	Phase 1 Construction	4/6/2020	4/5/2021	1
	Age 16<70 Years	Phase 1 Operation	4/6/2021	1/6/2031	9.75
	Age 16<70 Years	Phase 2 Construction	1/7/2030	1/6/2031	1
	Age 16<70 Years	Full Operation	1/7/2031	4/5/2045	14.25
Scenario 6: Off-site Worker, Full Operation	Age 16<70 Years	Full Operation	1/7/2031	1/6/2056	25
Scenario 7: On-site Daycare	Age 2<9 Years	Phase 1 Construction	4/6/2020	4/5/2021	1
	Age 2<9 Years	Phase 1 Operation	4/6/2021	4/5/2025	4
Scenario 8: On-site Worker	Age 16<70 Years	Phase 1 Construction	4/6/2020	4/5/2021	1
	Age 16<70 Years	Phase 1 Operation	4/6/2021	1/6/2031	9.75

Chronic Health Impacts

Non-cancer effects of chronic (i.e., long- term) DPM and other TAC exposures were evaluated using the Hazard Index (HI) approach consistent with OEHHA guidance. The chronic HI is calculated by dividing the maximum modeled annual average concentration at the maximum impacted receptor by the Reference Exposure Level (REL). The REL is the concentration at or below which no adverse health effects are anticipated. RELs for DPM and TACs were obtained from OEHHA and BAAQMD. For example, OEHHA has recommended an ambient concentration of 5 micrograms per cubic meter ($\mu g/m^3$) as the chronic inhalation REL for DPM exhaust. Chronic inhalation REL for TACs associated with tailpipe and evaporative TOG were based on the BAAQMD's weighted toxicity calculation methods and the latest data in the HARP2 database. The BAAQMD guidance identifies a significant impact if a project would result in an incremental chronic HI that is greater than 1.0. For chronic HI impacts, this HRA analyzed the following potential worst case scenarios: Phase 1 Construction, Phase 1 Operations plus Phase 2 Construction, and Full Buildout Operations.

$PM_{2.5}$ Concentrations

Annual $PM_{2.5}$ exhaust concentrations were estimated for the following four scenarios: Phase 1A and Phase 1B Construction (2020), Phase 1 Operation (2021-2029), Phase 1 Operation plus Phase 2 Construction (2030), and Full Buildout Operations (2031). Among them, the potential worst case annual $PM_{2.5}$ scenarios are Phase 1 Construction, Phase 1 Operation plus Phase 2 Construction, and Full Buildout Operations, which were the three scenarios summarized in this HRA regarding $PM_{2.5}$ concentration impacts. The BAAQMD guidance identifies a significant impact if a project would result in an incremental annual $PM_{2.5}$ concentration greater than 0.3 $\mu g/m^3$.

Cumulative Risk

Consistent with BAAQMD's CEQA Guidelines, cumulative exposure to $PM_{2.5}$ and TACs were evaluated by calculating the exposure of sensitive receptors to the cumulative effect of existing, proposed project (construction and operation), and reasonably foreseeable future sources of $PM_{2.5}$ and TAC emissions within 1,000 feet of the project site boundary or a sensitive receptor. All receptor types were included in the cumulative analysis.

The cumulative analysis included the cancer risk, chronic risk, and annual average $PM_{2.5}$ exhaust concentrations from the sources discussed below. The BAAQMD guidance identifies a cumulative significant impact if a project and the cumulative sources combined would exceed the following:

- An excess cancer risks levels of more than 100 in one million;
- A chronic HI greater than 10; and
- Annual $PM_{2.5}$ concentrations greater than 0.8 $\mu g/m^3$

The BAAQMD Risks and Hazards Stationary Source Screening Analysis tool and the Risks and Hazards Highway Screening analysis tool were used to estimate cancer risk, chronic risk, and annual average $PM_{2.5}$ exhaust concentrations from nearby sources located within 1,000 feet of the project boundary. These BAAQMD tools only include cancer risk values for residential receptors with an exposure duration of 30 years. This HRA conservatively applied these 30-year residential cancer risk values to all receptor types, including daycare and worker receptors. Compared to residential exposure parameters and residential cancer risks, daycare and worker receptors generally have reduced exposure parameters and lower cancer risk. Therefore, by combining residential cancer risks for cumulative sources to worker and daycare cancer risks for project-related sources, the cumulative cancer risks presented for worker and daycare receptors in this HRA are overestimated.

Future Development Projects

Upon review of the City's Community Development Department Update memorandum, there are no projects that are planned, approved, or under construction within 1,000 feet of the project site.[42] Therefore, no future development projects were included in the cumulative analysis.

Existing Stationary Sources Within 1,000 Feet of the Project Site

The BAAQMD Risk and Hazards Stationary Source Screening Analysis tool was used to estimate cancer risk, chronic risk, and annual average $PM_{2.5}$ exhaust concentrations from sources located within 1,000 feet of the project boundary or 1,000 feet from a sensitive receptor.[43] **Table 5** lists the sources within 1,000 feet of the project boundary or sensitive receptor along with their maximum cancer risk, hazard index, and annual average $PM_{2.5}$ exhaust concentrations at each source location (i.e. as if a sensitive receptor were located at the source itself) based on the BAAQMD's screening calculator. Impacts from these sources were dependent upon the distance between the source and the impacted receptor. The screening tool used a distance multiplier to refine values based on the distance from the source and impacted receptor and provided values up to 918 feet. A majority of this project's impacted receptors are located further than 918 feet from these stationary sources. To be conservative, the scaled risk for all receptors located further than 918 feet from these sources represents the scaled risk value at 918 feet. Additionally, the cancer risk values in the screening tool are based on 2003 OEHHA guidance. In order to be consistent with 2015 OEHHA guidance, cancer risk values from the screening tool were scaled up by a factor of 1.3744 based on BAAQMD guidance.[44, 45]

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42 City of Pleasanton, Community Development Department Update, December 1, 2018. http://www.cityofpleasantonca.gov/civicax/filebank/blobdload.aspx?BlobID=33095. Accessed December 2018.

43 BAAQMD, Stationary Source Screening Analysis Tool – Alameda_2012, May 2012. http://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/ceqa-tools. Accessed November 2018.

44 Lau, Virginia. Bay Area Air Quality Management District. February 3, 2016—email communication with the San Francisco Environmental Planning Department and Ramboll Environ.

The locations of source ID 15892 and ID 1371 in the BAAQMD screening tool keyhole markup language (kml) file were inaccurate. Source ID 15892, an emergency generator for the Livermore-Amador Valley Water Management Agency (LAVWMA), was located in the roadway along Johnson Drive; Source ID 1371, an emergency generator for the Dublin San Ramon Services District, was located on the soccer field at Val Vista Park. Based on review of these sources in the BAAQMD's Toxic Inventory Report and information obtained through web search, the locations of each source were moved to their actual location associated with their respective facility locations. Additionally, Source ID 10984, an emergency generator for the Clorox Services Company, has moved from 7200 Johnson Drive as shown in the screening tool to 4900 Johnson Drive, which is greater than 1,000 feet from the project boundary or any sensitive receptor within 1,000 feet of the project boundary, and was therefore not considered in the cumulative analysis.

There are no additional permitted stationary sources within 1,000 feet of the project boundary. The nearby Dublin San Ramon Services District Water Treatment Facility is not a substantial source of TAC emissions; however, the HRA includes emissions and risk from the stationary diesel emergency generator at the Dublin San Ramon Services District Water Treatment Plant. The BrightView landscaping facility is also not a source of TAC emissions, and is therefore not permitted by the BAAQMD.

TABLE 5
CUMULATIVE SOURCES

Source ID [a]	Cancer Risk [b] (per million)	Hazard Index	Annual $PM_{2.5}$ Concentration ($\mu g/m^3$)
15892 (LAVWMA generator)	53.01	0.019	0.012
1371 (DSRSD generator)	153.19	0.353	8.16
17583	63.63	0.023	0.113

NOTES:

[a] Sources included in cumulative analysis are either 1,000 feet from the project boundary or a sensitive receptor in accordance with BAAQMD guidance. Sources 15892 and 1371's locations in the BAAQMD-provided kmz file do not appear to be accurate, because both sources are associated with water district's operations but they appear to be in roadway or soccer field. Therefore, this HRA adjusted their locations based on the actual location of their associated facilities in aerial map. Two other sources, G9073 and G7484, are private fleet fueling operations that fall within 1,000 feet from the project boundary; their risk values were shown as na in the BAAQMD screening tool, therefore they were not assumed to not pose significant health risk and not included in the cumulative analysis.

[b] Cancer risks are based on 2003 OEHHA methodology, for the cumulative HRA, these values will be scaled up by a factor of 1.3744.

45 The scaling factor represents the average difference in residential cancer risk, as calculated using the latest 2015 OEHHA guidance, compared to the original 2003 OEHHA guidance. In other words, using the updated cancer risk calculations and age sensitivity factors from the 2015 OEHHA guidance, calculated residential lifetime excess cancer risk is 1.3744 times higher than residential cancer risk as calculated using the original 2003 OEHHA guidance.

SOURCE: BAAQMD, Stationary Source Screening Analysis Tool – Alameda_2012, May 2012. http://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/ceqa-tools. Accessed November 2018.

Freeway Sources Within 1,000 Feet of the Project Site

The BAAQMD Risks and Hazards Highway Screening analysis tool was used to estimate cancer risk, chronic risk, and annual average $PM_{2.5}$ exhaust concentrations up to 1,000 feet from freeway segments of Interstates 680 and 580.[46] A majority of impacted receptors are located further than 1,000 feet from freeway segments. To be conservative, the scaled risk for all receptors located further than 1,000 feet from freeway segments represents the scaled risk value at 1,000 feet. Similar to stationary sources, the cancer risk values in the screening tool are based on 2003 OEHHA guidance. In order to be consistent with 2015 OEHHA guidance, cancer risk values from the screening tool were scaled up by a factor of 1.3744 based on BAAQMD guidance.

[46] BAAQMD, Highway Screening Analysis Tool – Alameda 6ft, April 2011. http://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/ceqa-tools. Accessed November 2018.

CHAPTER 6

Results

Project Health Risks

This section presents the results of the HRA, including cancer risk, chronic health impacts, and $PM_{2.5}$ exposures as a result of project construction and operations. Maximum potential risks from exposure to construction DPM, operational DPM, and speciated TACs from TOG emissions are summarized for all on-site and off-site receptor types analyzed in the HRA. Results are presented for the MEIR and the MEIW in the tables and figures below.

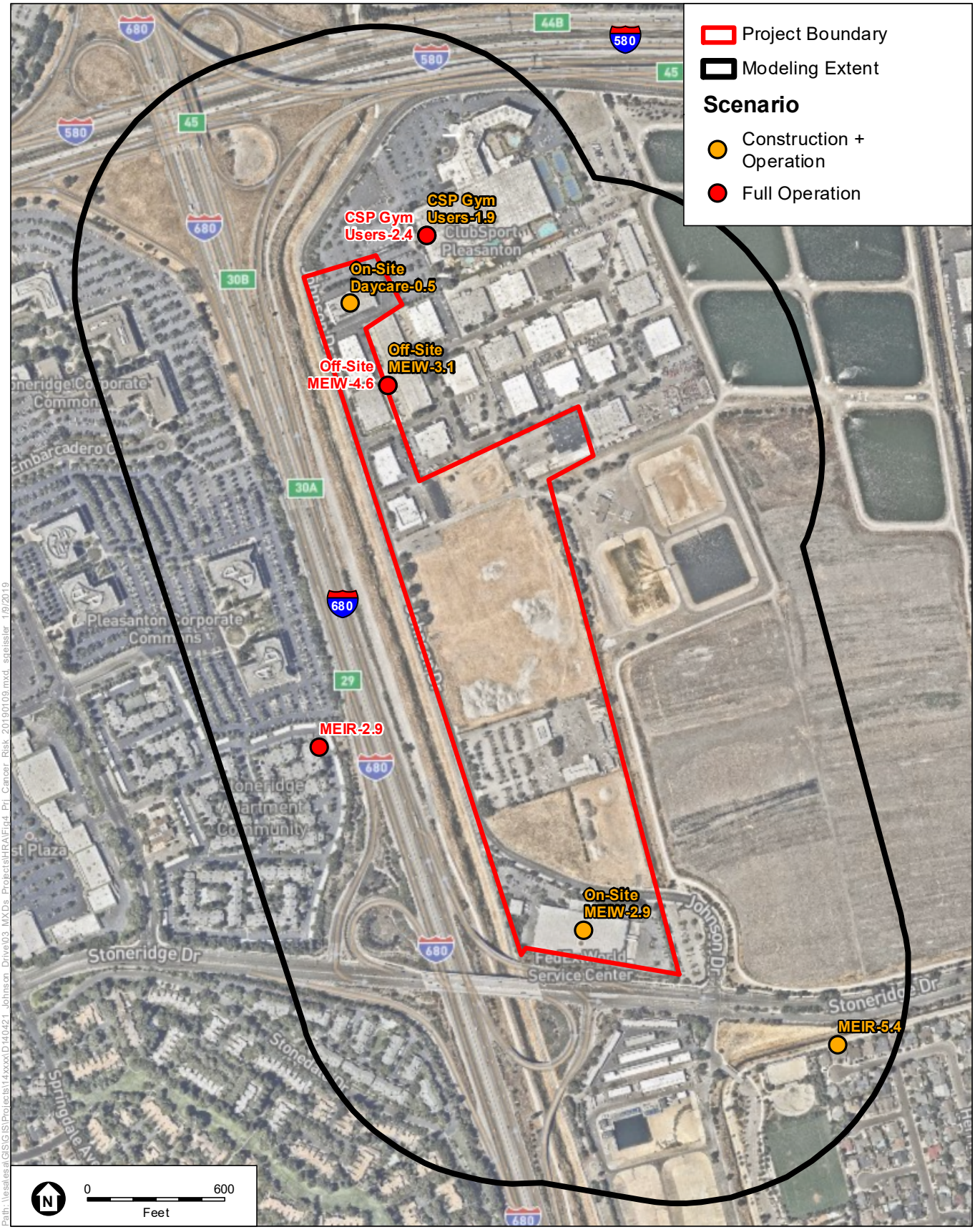
Lifetime Excess Cancer Risk

Table 6 presents the modeled lifetime excess cancer risk for Construction plus Operations and Full Buildout Operations. *As shown below, the project would not exceed the 10 per million cancer risk threshold for any receptor type, therefore, project impacts would be less than significant*. The maximum impacted receptors for each scenario are shown below in **Figure 4,** *Project Cancer Risk*. The receptors shown in Figure 3 represent the locations with the highest cancer risk of all receptor types analyzed in the HRA. Only the maximum residential risk (maximally exposed individual resident, or MEIR) is shown for all residential receptor locations included in the HRA.

TABLE 6
PROJECT MAXIMUM INCREMENTAL INCREASE IN CANCER RISK

Receptor Type	Construction + Operations (per million)	Full Buildout Operations (per million)
Off-Site Residential (MEIR)	5.4	2.9
Off-Site Worker (MEIW)	3.1	4.6
CSP Gym User	1.9	2.4
Existing On-Site Daycare	0.5	-
Existing On-Site Worker (MEIW)	2.9	-
BAAQMD Cancer Risk Threshold (per million)	10	10
Exceeds Threshold?	**No**	**No**

ABBREVIATIONS:
MEIR = maximally exposed individual resident
MEIW = maximally exposed individual worker
CSP = Club Sport Pleasanton



SOURCE: DigitalGlobe, 2017

Johnson Drive Health Risk Assessment

Figure 4
Project Incremental Cancer Risk (chances in a million)

ESA

Chronic Non-Cancer Impacts

Table 7 presents the modeled chronic health impacts during Phase 1 Construction, Phase 1 Operations plus Phase 2 Construction, and Full Buildout Operations. *As shown below, the project would not result in a hazard index greater than 1.0, therefore chronic health impacts would be less than significant*. The maximum impacted receptors for each scenario are shown below in **Figure 5,** *Project Chronic Health Impacts*. The receptors shown in Figure 5 represent the locations with the highest chronic risk of all receptor types analyzed in the HRA. Only the MEIR is shown for all residential receptor locations included in the HRA.

TABLE 7
PROJECT MAXIMUM CHRONIC HAZARD INDEX

Receptor Type	Phase 1 Construction	Phase 1 Operations + Phase 2 Construction	Full Buildout Operations
Off-Site Residential (MEIR)	0.01	0.01	0.01
Off-Site Worker (MEIW)	0.05	0.52	0.52
CSP Gym User	<0.01	0.02	0.01
Existing On-Site Daycare	<0.01	0.03	-
Existing On-Site Worker (MEIW)	0.04	0.23	-
BAAQMD Hazard Index Threshold	1.0	1.0	1.0
Exceeds Threshold?	**No**	**No**	**No**

ABBREVIATIONS:
MEIR = maximally exposed individual resident
MEIW = maximally exposed individual worker
CSP = Club Sport Pleasanton

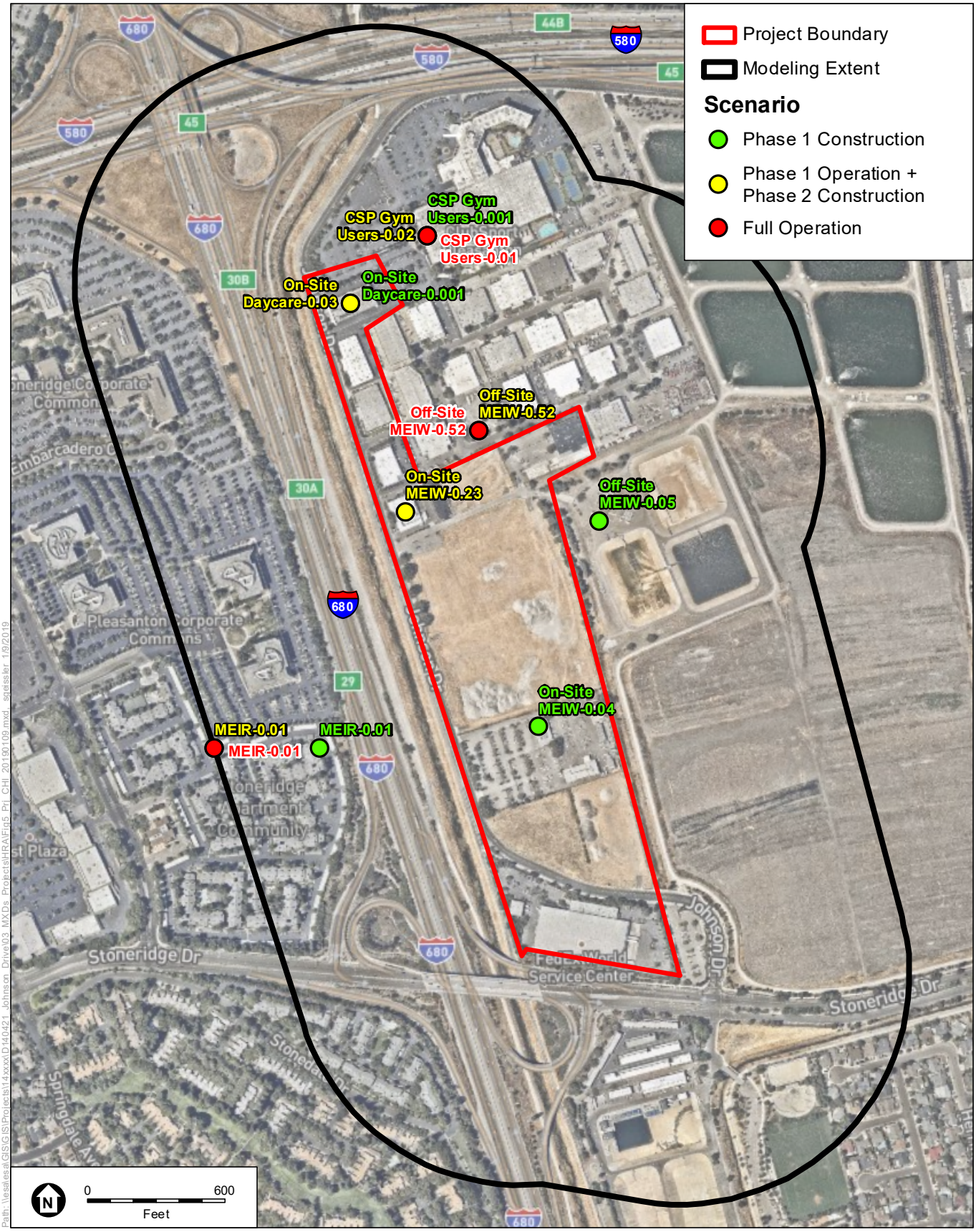
$PM_{2.5}$ Concentrations

Table 8 presents the maximum annual $PM_{2.5}$ exhaust concentrations during Phase 1 Construction, Phase 1 Operations plus Phase 2 Construction, and Full Buildout. *As shown below, the project would not result in an exceedance of the 0.3 µg/m^3 annual threshold, therefore, annual $PM_{2.5}$ exhaust impacts would be less than significant*. The maximum impacted receptors for each scenario are shown below in **Figure 6,** *Project Annual $PM_{2.5}$ Concentrations.* The receptors shown in Figure 6 represent the locations with the highest $PM_{2.5}$ concentrations of all receptor types analyzed in the HRA. Only the maximum residential $PM_{2.5}$ concentrations (MEIR) is shown for all residential receptor locations included in the HRA.

TABLE 8
PROJECT MAXIMUM ANNUAL $PM_{2.5}$ CONCENTRATIONS

Receptor Type	Phase 1 Construction ($\mu g/m^3$)	Phase 1 Operations + Phase 2 Construction ($\mu g/m^3$)	Full Buildout Operations ($\mu g/m^3$)
Off-Site Residential (MEIR)	0.05	0.01	0.005
Off-Site Worker (MEIW)	0.22	0.02	0.05
CSP Gym User	<0.01	<0.01	<0.01
Existing On-Site Daycare	<0.01	0.01	-
Existing On-Site Worker (MEIW)	0.18	0.08	-
BAAQMD Annual $PM_{2.5}$ Threshold	0.3	0.3	0.3
Exceeds Threshold?	**No**	**No**	**No**

ABBREVIATIONS:
MEIR = maximally exposed individual resident
MEIW = maximally exposed individual worker
CSP = Club Sport Pleasanton
PM2.5 = Fine particulate matter less than 2.5 micrometers in aerodynamic diameter
$\mu g/m^3$ = micrograms per cubic meter



SOURCE: DigitalGlobe, 2017

Johnson Drive Health Risk Assessment

Figure 5
Project Incremental Chronic Hazard Index

ESA

SOURCE: DigitalGlobe, 2017

Johnson Drive Health Risk Assessment

Figure 6
Project Incremental Annual PM2.5 Concentrations (µg/m^3)

ESA

Cumulative Health Impacts

As described in Chapter 5, the cumulative analysis included cancer risk, chronic impacts, and $PM_{2.5}$ exhaust concentrations for existing stationary sources and freeway segments within 1,000 feet of the project site or sensitive receptor.

Cumulative Cancer Risk

Table 9 presents the modeled cumulative lifetime excess cancer risk for Construction plus Operations and Full Buildout Operations. *As shown below, cumulative impacts would not exceed the 100 per million cancer risk threshold for any receptor type, therefore, project cumulative impacts would be less than significant*. As discussed above, the cumulative cancer risks from existing TAC sources are based 30-year residential cancer risk, which was added to the project-level risk for all receptor types, including daycare and worker receptors. Because residential exposure parameters are more conservative than daycare and worker exposure parameters, the cumulative cancer risks presented for worker and daycare receptors in this HRA are overestimated. The maximum impacted receptors for each scenario are shown below in **Figure 7,** *Cumulative Cancer Risk.* The receptors shown in Figure 7 represent the locations with the highest cancer risk of all receptor types analyzed in the HRA. Only the MEIR is shown for all residential receptor locations included in the HRA.

TABLE 9
CUMULATIVE MAXIMUM INCREMENTAL INCREASE IN CANCER RISK

Receptor Type	Construction + Operation (per million)	Full Buildout Operations (per million)
Off-Site Residential (MEIR)	52.2	63.8
Off-Site Worker (MEIW)	84.9	86.5
CSP Gym User	65.3	65.8
Existing On-Site Daycare	78.9	-
Existing On-Site Worker (MEIW)	68.1	-
BAAQMD Cancer Risk Threshold (per million)	100	100
Exceeds Threshold?	**No**	**No**

ABBREVIATIONS:
MEIR = maximally exposed individual resident
MEIW = maximally exposed individual worker
CSP = Club Sport Pleasanton

Based on BAAQMD's Community Air Risk Evaluation Program (CARE), the project area (zip code 94588) has a lifetime cancer risk of 105 per million.[47] Upon review of CARE's

[47] BAAQMD, Community Air Risk Evaluation Program, Identifying Areas with Cumulative Impacts from Air Pollution in the San Francisco Bay Area, Impacted Areas by Zip Code, 2014. http://www.baaqmd.gov/community-

methodology, lifetime cancer risk is based on an exposure duration of 70 years and exposure to 2015 TAC concentrations were constant throughout the entire 70-year exposure duration.[48,49] The methodology document for the CARE report states that exposure to 2015 TAC levels is a conservative assumption since Bay Area TAC concentrations have been following a strong downward trend in recent years. The project's cancer risk values are based on a maximum exposure duration of 30 years and accounts for declining emissions from mobile sources in future years (e.g., 2021 and 2031), and the results are reasonably lower than those estimated by the CARE.

Cumulative Chronic Impacts

Table 10 presents the cumulative chronic impacts during Phase 1 Construction, Phase 1 Operations plus Phase 2 Construction, and Full Buildout. *As shown below, cumulative impacts would not exceed a hazard index of 10 for any receptor type, therefore, project cumulative impacts would be less than significant*. The maximum impacted receptors for each scenario are shown below in **Figure 8,** *Cumulative Chronic Health Impacts.* The receptors shown in Figure 8 represent the locations with the highest chronic risk of all receptor types analyzed in the HRA. Only the MEIR is shown for all residential receptor locations included in the HRA.

TABLE 10
CUMULATIVE CHRONIC HAZARD INDEX

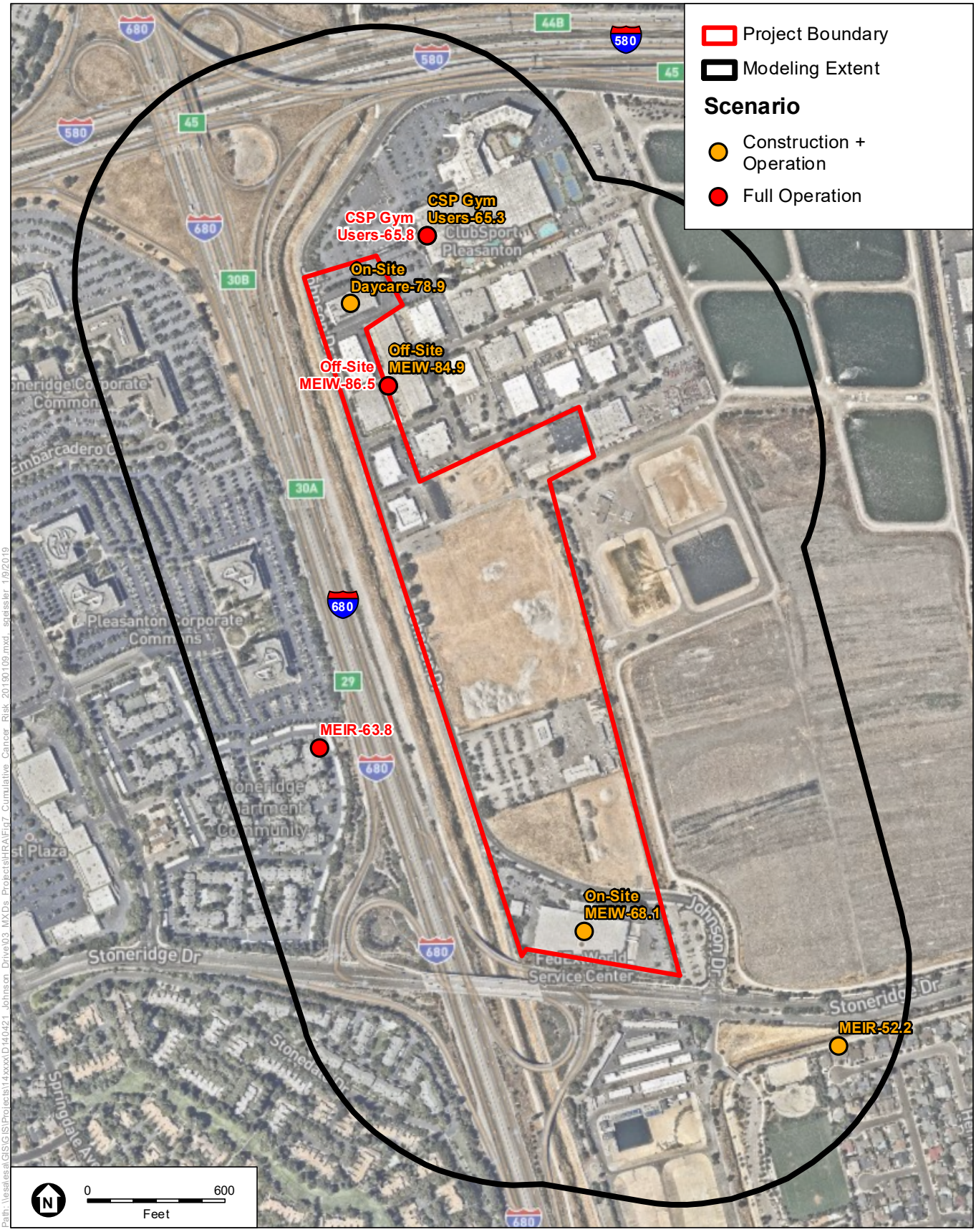
Receptor Type	Phase 1 Construction	Phase 1 Operations + Phase 2 Construction	Full Buildout Operations
Off-Site Residential (MEIR)	0.05	0.03	0.03
Off-Site Worker (MEIW)	0.07	0.64	0.64
CSP Gym User	0.04	0.05	0.05
Existing On-Site Daycare	0.05	0.08	-
On-Site Worker (MEIW)	0.08	0.28	-
BAAQMD Chronic Hazard Index Threshold	10	10	10
Exceeds Threshold?	**No**	**No**	**No**

ABBREVIATIONS:
MEIR = maximally exposed individual resident
MEIW = maximally exposed individual worker
CSP = Club Sport Pleasanton

health/community-health-protection-program/community-air-risk-evaluation-care-program/documents. Accessed November 2018.

48 BAAQMD, Community Air Risk Evaluation Program, Identifying Areas with Cumulative Impacts from Air Pollution in the San Francisco Bay Area, p.18, March 2014. http://www.baaqmd.gov/~/media/Files/Planning%20and%20Research/CARE%20Program/Documents/ImpactCommunities_2_Methodology.ashx. Accessed November 2018.

49 TACs included: benzene, 1,3-butadiene, formaldehyde, acetaldehyde and DPM.



SOURCE: DigitalGlobe, 2017

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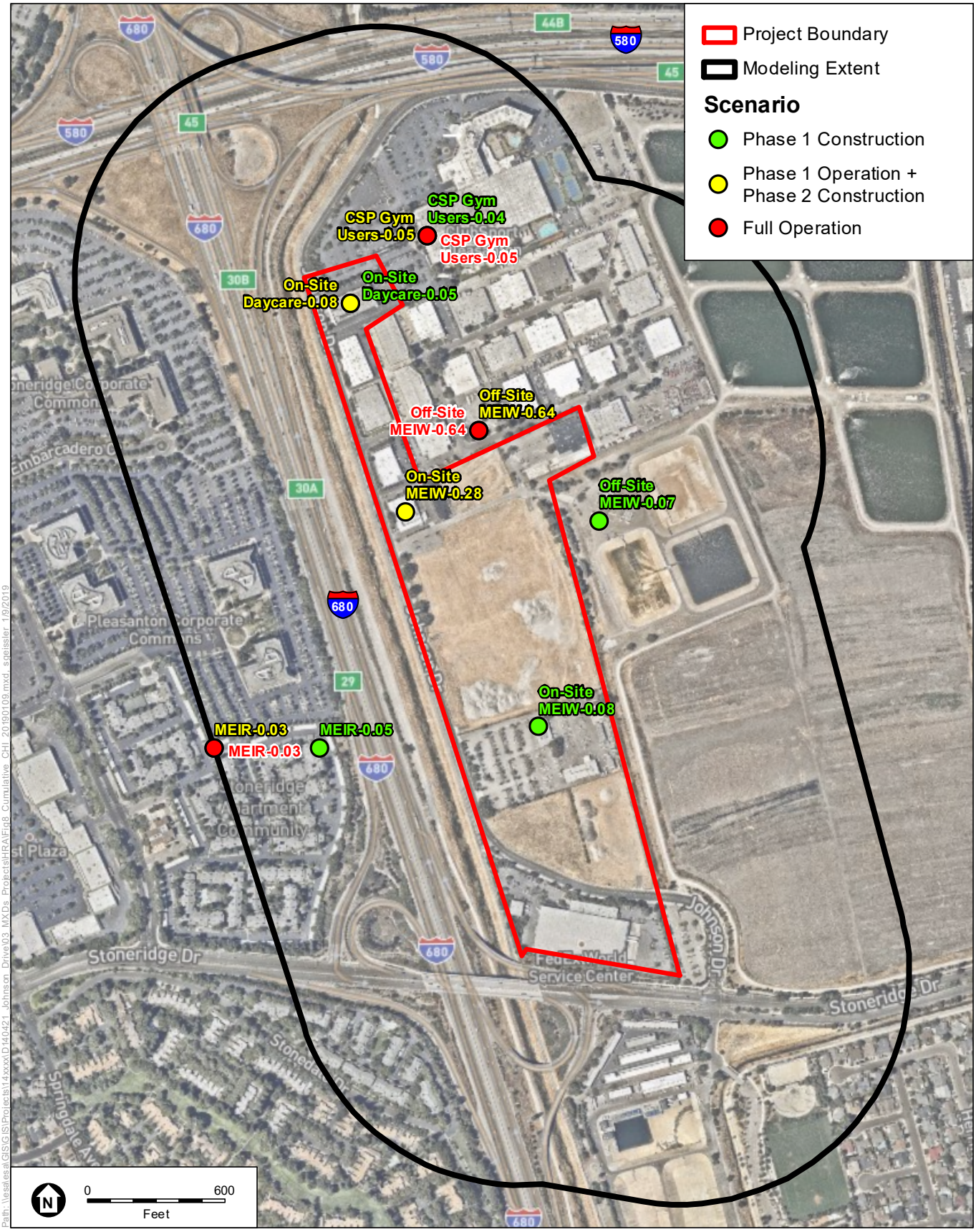
Figure 7
Cumulative Cancer Risk (chances in a million)

ESA



SOURCE: DigitalGlobe, 2017

Johnson Drive Health Risk Assessment

Figure 8
Cumulative Chronic Hazard Index

ESA

Cumulative $PM_{2.5}$ Concentrations

Table 11 presents the cumulative $PM_{2.5}$ exhaust concentrations during Phase 1 Construction, Phase 1 Operations plus Phase 2 Construction, and Full Buildout. *As shown below, cumulative impacts would not exceed the cumulative threshold of 0.8 µg/m³ for any receptor type, therefore, project cumulative impacts would be less than significant*. The maximum impacted receptors for each scenario are shown below in **Figure 9,** *Cumulative Annual $PM_{2.5}$ Concentrations.* The receptors shown in Figure 9 represent the locations with the highest $PM_{2.5}$ concentrations of all receptor types analyzed in the HRA. Only the maximum residential $PM_{2.5}$ concentration is shown for all residential receptor locations included in the HRA.

TABLE 11
CUMULATIVE $PM_{2.5}$ CONCENTRATIONS

Receptor Type	Phase 1 Construction (µg/m³)	Phase 1 Operations + Phase 2 Construction (µg/m³)	Full Buildout Operations (µg/m³)
Off-Site Residential (MEIR)	0.31	0.49	0.26
Off-Site Worker (MEIW)	0.37	0.59	0.39
CSP Gym User	0.35	0.35	0.38
On-Site Daycare	0.25	0.26	-
On-Site Worker (MEIW)	0.56	0.46	-
Annual $PM_{2.5}$ Threshold	0.8	0.8	0.8
Exceeds Threshold?	No	No	No

ABBREVIATIONS:
MEIR = maximally exposed individual resident
MEIW = maximally exposed individual worker
CSP = Club Sport Pleasanton
PM2.5 = Fine particulate matter less than 2.5 micrometers in aerodynamic diameter
µg/m³ = micrograms per cubic meter

Health Impact Summary

As shown in the tables above, the project would not result in significant impacts by itself or cumulatively for cancer risks, chronic impacts, or annual $PM_{2.5}$ exhaust concentrations.

SOURCE: DigitalGlobe, 2017

Johnson Drive Health Risk Assessment

Figure 9
Cumulative Annual PM2.5 Concentrations (µg/m^3)

ESA

CHAPTER 7

Modeling Uncertainties

Emission Calculations

There are a number of uncertainties contained within the CalEEMod model, which was used to calculate construction emissions for the proposed project. The model uses equations and emission factors that approximate actual activity and emissions associated with that activity, but they are only approximations. For example, CalEEMod uses off-road emission factors from the CARB's OFFROAD2011 model. These emission factors are based on ARB off-road equipment rule compliance reporting (including equipment populations and hours of use), load factors from academic studies, growth projections based on economic forecasts and ARB bounding scenarios, fuel consumption estimates from the USEPA NONROAD model, typical engine deterioration rates and fuel correction factors, and other databases that rely on user reporting and economic forecasts.[50] In addition, CalEEMod default assumptions were used where project-specific information was not available. These assumptions generally result in a conservative estimate of overall construction and operational emissions.

Many emission sources were estimated outside of the CalEEMod model (such as emergency generators, TRUs, truck idling, and delivery truck trips) using calculation methods and emission factors from a wide variety of organizations and agencies (e.g. USEPA, CARB, BAAQMD, and National Renewable Energy Laboratory. These methods and emission factors all contain some uncertainty because they are meant to approximate emissions based on typical engine operation and fuel combustion characteristics. In addition, many assumptions were used to estimate emissions for these sources. In general, similar to the CalEEMod default assumptions, these assumptions are conservative and likely result in an overestimate of actual emissions.

There are also uncertainties associated with the estimation of emissions from construction traffic, such as haul trucks and vendor commutes, and operational mobile sources, such as automobile trips and delivery trucks, since construction haul routes and trip generation were estimated by the City. However, conservative assumptions were generally used, likely resulting in an overestimate of actual emissions.

[50] CARB, In-Use Off-Road Equipment, 2010 Documentation: Appendix D: OSM and Summary of Off-Road Emissions Inventory Update. https://www.arb.ca.gov/regact/2010/offroadlsi10/offroadappd.pdf. Accessed November 2018.

Air Concentrations and Source Representation

The source parameters used in the emissions modeling add uncertainty to the analysis. For all emission sources, this HRA used source parameters that are either recommended as defaults, are consistent with the BAAQMD methodology, and/or are expected to produce more conservative (i.e., overestimation of) results. Although differences may exist between the actual emissions characteristics of a source and its representation in the modeling, exposure concentrations used in this HRA represent a reasonable approximation of exposure concentrations.

Exposure Concentrations

When estimating pollutant exposures using the AERMOD dispersion mode, there is uncertainty embodied in the modeling. AERMOD's limitations provide a source of uncertainty in the estimation of exposure concentrations. According to the USEPA, errors of ±10 percent to 40 percent are typical for the highest estimated concentrations due to the limitation of the AERMOD algorithms.[51] The methods employed by this HRA consistently produce conservative results, and therefore estimated exposure concentrations are likely to be at or above actual exposure concentrations.

Exposure Assumptions

A number of assumptions must be made in order to estimate human exposure to chemicals. These assumptions include parameters such as breathing rates, exposure time and frequency, exposure duration, and human activity patterns (see Appendix A for these parameters). Although the best way to estimate central tendency is to use average values derived from scientifically defensible studies, many of the exposure variables used in this HRA per 2015 OEHHA guidelines are high-end estimates. For example, it is assumed that residential receptors and the CSP gym user receptors are exposed 250 days per year to project emissions. These assumptions are highly conservative, since most residents do not remain in their homes for these periods of time throughout the year, and do not necessarily reside at the same location or go to the same facility (e.g., CSP) for 30 years from birth. Furthermore, this analysis follows OEHHA guidance in evaluating outdoor air; however, indoor air concentrations may be different due to filtration or other reductions resulting from the building shell or Heating, Venting, and Air Conditioning systems. The combination of several high-end and conservative estimates used as exposure parameters may substantially overestimate chemical intake. The excess lifetime cancer risks calculated in this HRA are therefore likely to be overestimated.

[51] USEPA, Guideline on Air Quality Models (Revised). 40 Code of Federal Regulations, Part 51, Appendix W. Office of Air Quality Planning and Standards. November. https://www.epa.gov/ttn/scram/guidance_permit.htm#appw. Accessed November 2018.

Toxicity Assessment

The standard CPF established by Cal/EPA for DPM was used to estimate potential carcinogenic health effects from exposures to DPM emitted from project construction and operation. The CPF for DPM is derived by applying conservative assumptions which are intended to protect the most sensitive individuals in the potentially exposed populations.

To derive the CPF toxicity value for DPM, Cal/EPA makes several assumptions that tend to overestimate the actual hazard or risk to human health. CPFs used to estimate carcinogenic risk are also typically derived based on data from animal studies. These studies often administer high doses of a test chemical to laboratory animals, and the reported response is extrapolated to the much lower doses typical of human exposure. Very little experimental data are available on the nature of the dose-response relationship at low doses (e.g. whether a threshold exists or if the dose-response curve passes through the origin). Because of this uncertainty, a conservative model is used to estimate the low-dose relationship, and uses an upper bound estimate (the 95 upper confidence limit of the slope predicted by the extrapolation model) as the CPF. With this factor, an upper-bound estimate of potential cancer risks is calculated.

The Cal/EPA CPF for DPM (1.1 mg/kg-day) is used to estimate cancer risks associated with exposure to DPM from project construction and operation. However, the CPF is highly uncertain in both the estimation of response and dose. Due to inadequate animal test data and epidemiology data on diesel exhaust, the International Agency for Research on Cancer (IARC), a branch of the World Health Organization (WHO), had previously classified DPM as Probably Carcinogenic to Humans (Group 2). The USEPA had also previously concluded that the existing data did not provide an adequate basis for quantitative risk assessment.[52] However, based on two recent scientific studies IARC has re-classified DPM as Carcinogenic to Humans to Group 1.[53,54] This means that the IARC has determined that there is "sufficient evidence of carcinogenicity" of a substance in humans and represents the strongest weight-of-evidence rating in IARC's carcinogen classification scheme. Whether this determination by the IARC will provide additional impetus for the USEPA to identify a quantitative dose-response relationship between exposure to DPM and cancer is still unknown.

Risk Calculations

The USEPA states that the conservative assumptions used in a risk assessment, such as this HRA, are intended to assure that the estimated risks do not underestimate the actual risks posed by a

[52] USEPA, Health Assessment Document for Diesel Engine Exhaust. National Center for Environmental Assessment, Office of Research and Development, Washington, DC. EPA/600/8-90/057F. 2002. https://cfpub.epa.gov/ncea/risk/recordisplay.cfm?deid=29060. Accessed November 2018.

[53] Attfield MD, Schleiff PL, Lubin JH, Blair A, Stewart PA, Vermeulen R, Coble JB, Silverman DT. 2012. The Diesel Exhaust in Miners Study: A Nested Case-Control Study of Lung Cancer and Diesel Exhaust. J Natl Cancer Inst.

[54] International Agency for Research on Cancer. Press Release: IARC: Diesel Engine Exhaust Carcinogenic. June. https://www.iarc.fr/en/media-centre/pr/2012/pdfs/pr213_E.pdf. Accessed November 2018.

source. Further, that the estimated risks do not necessarily represent actual risks experienced by populations at or near a site.[55]

As noted above, the estimated risks in this HRA are based primarily on a series of conservative assumptions related to predicted environmental concentrations, exposure, and chemical toxicity. The use of conservative assumptions tends to produce upper-bound estimates of risk. The use of conservative assumptions is likely to result in overestimates of exposure and therefore risk, although it is difficult to quantify the uncertainties associated with all the assumptions made in this HRA. BAAQMD acknowledges this uncertainty by stating, "the methods used [to estimate risk] are conservative, meaning that the real risks from the source may be lower than the calculations, but it is unlikely that they will be higher".[56]

[55] USEPA, Risk Assessment Guidance for Superfund Human Health Risk Assessment: U.S. EPA Region IX Recommendations (Interim Final). San Francisco, CA. December.

[56] BAAQMD, Frequently Asked Questions – Toxic Air Contaminants. http://gate1.baaqmd.gov/~/media/files/planning-and-research/care-program/task-force-meetings/021705-tf/20050217_tf_faqs.pdf?la=en. Accessed November 2018.

APPENDIX A

A.1 Emission Calculations
A.1.1 Construction PM Emissions
A.1.2 Operational PM and TOG Emissions

A.2 Air Dispersion Modeling (AERMOD) for Health Risk Assessment
A.2.1 Construction Model Input File – Unit Emission Rate
A.2.2 Operational Model Input File – Unit Emission Rate

A.3 Air Dispersion Modeling (AERMOD) for PM2.5
A.3.1 Phase 1 Construction Model Input File – PM2.5 Exhaust
A.3.2 Phase 2 Construction Model Input File – PM2.5 Exhaust
A.3.3 Phase 1 Operational Model Input File – PM2.5 Exhaust
A.3.4 Full Operational Model Input File – PM2.5 Exhaust

A.4 Health Risk Assessment and Annual $PM_{2.5}$ Concentrations
A.4.1 Construction TACs' GLC Concentrations and Construction HRA
A.4.2 Operational TACs' GLC Concentrations and Operational HRA
A.4.3 Annual Average PM2.5 GLC Concentrations
A.4.4 Cumulative Project Impact
A.4.5 Project and Cumulative HRA Summary

A.1 Emissions Calculations

A.1.1 Construction PM Emissions

Off-Road Construction Equipment Emissions

Table 1: Project Emissions by Phase

Construction Phase	PM10 Emissions	PM2.5 Emissions
Phase 1A	**Daily Avg (g/sec)**	
Grading/Excavation	4.89E-02	4.49E-02
Drainage/Utilities/Sub-Grade	1.73E-02	1.60E-02
Foundations/Concrete Pour	1.96E-02	1.93E-02
Building Construction	2.57E-02	2.39E-02
Architectural Coatings	1.86E-03	1.86E-03
Paving	2.21E-02	2.04E-02
Phase 1B		
Grading/Excavation	1.89E-02	1.74E-02
Drainage/Utilities/Sub-Grade	2.76E-02	2.55E-02
Foundations/Concrete Pour	1.66E-02	1.56E-02
Building Construction	1.74E-02	1.63E-02
Architectural Coatings	1.86E-03	1.86E-03
Paving	2.21E-02	2.04E-02
Phase 2		
Demolition	2.60E-03	2.60E-03
Grading/Excavation	1.37E-02	1.37E-02
Drainage/Utilities/Sub-Grade	5.50E-03	5.50E-03
Foundations/Concrete Pour	2.29E-03	2.29E-03
Building Construction	2.00E-03	2.00E-03
Architectural Coatings	3.41E-04	3.41E-04
Paving	4.17E-03	4.17E-03

Table 2: Phase 1A Off-Road Construction Equipment Emissions

Phase 1A- Costco and Gas Station (2020)

Construction Phase	Equipment Type	# of Equipment	Hours per Day	HP	Load Factor	PM10 EF (g/hp-hr)	PM2.5 EF (g/hp-hr)	PM10 Emissions (lbs/day)	PM2.5 Emissions (lbs/day)	PM10 Emissions Daily Avg (g/sec)	PM2.5 Emissions Daily Avg (g/sec)	AERMOD Modeled Hours
Grading/Excavation	Graders	1	8	187	0.41	0.150	0.138	0.2028	0.1866	2.56E-03	2.35E-03	10
Grading/Excavation	Rubber Tired Dozers	1	8	247	0.40	0.318	0.293	0.5541	0.5106	6.98E-03	6.43E-03	10
Grading/Excavation	Scrapers	6	8	367	0.48	0.148	0.136	2.7589	2.5352	3.48E-02	3.19E-02	10
Grading/Excavation	Off-Highway Trucks	1	8	402	0.38	0.086	0.079	0.2317	0.2128	2.92E-03	2.68E-03	10
Grading/Excavation	Tractors/Loaders/ Backhoes	1	8	97	0.37	0.210	0.193	0.1329	0.1222	1.67E-03	1.54E-03	10
Drainage/Utilities/Sub-Grade	Dumpers/Tenders	1	8	16	0.38	0.165	0.165	0.0177	0.0177	2.23E-04	2.23E-04	10
Drainage/Utilities/Sub-Grade	Off-Highway Tractors	3	8	124	0.44	0.140	0.129	0.4041	0.3724	5.09E-03	4.69E-03	10
Drainage/Utilities/Sub-Grade	Off-Highway Trucks	2	8	402	0.38	0.086	0.079	0.4634	0.4257	5.84E-03	5.36E-03	10
Drainage/Utilities/Sub-Grade	Rollers	3	8	80	0.38	0.247	0.228	0.3973	0.3667	5.01E-03	4.62E-03	10
Drainage/Utilities/Sub-Grade	Skid Steer Loaders	2	8	65	0.37	0.108	0.100	0.0916	0.0848	1.15E-03	1.07E-03	10
Foundations/Concrete Pour	Cement and Mortar Mixers	60	8	9	0.56	0.161	0.161	0.8587	0.8587	1.08E-02	1.08E-02	10
Foundations/Concrete Pour	Forklifts	3	8	89	0.20	0.308	0.283	0.2901	0.2665	3.65E-03	3.36E-03	10
Foundations/Concrete Pour	Generator Sets	1	8	84	0.74	0.179	0.179	0.1962	0.1962	2.47E-03	2.47E-03	10
Foundations/Concrete Pour	Pumps	1	8	84	0.74	0.189	0.189	0.2072	0.2072	2.61E-03	2.61E-03	10
Building Construction	Graders	2	8	187	0.41	0.150	0.138	0.4057	0.3732	5.11E-03	4.70E-03	10
Building Construction	Off-Highway Tractors	10	8	124	0.44	0.140	0.129	1.3472	1.2413	1.70E-02	1.56E-02	10
Building Construction	Generator Sets	1	8	84	0.74	0.179	0.179	0.1962	0.1962	2.47E-03	2.47E-03	10
Building Construction	Welders	1	8	46	0.45	0.238	0.238	0.0869	0.0869	1.09E-03	1.09E-03	10
Architectural Coatings	Air Compressors	1	8	78	0.48	0.224	0.224	0.1479	0.1479	1.86E-03	1.86E-03	10
Paving	Off-Highway Tractors	3	8	124	0.44	0.140	0.129	0.4041	0.3724	5.09E-03	4.69E-03	10
Paving	Off-Highway Trucks	3	8	402	0.38	0.086	0.079	0.6951	0.6385	8.76E-03	8.05E-03	10
Paving	Paving Equipment	2	8	132	0.36	0.128	0.118	0.2146	0.1978	2.70E-03	2.49E-03	10
Paving	Rollers	3	8	80	0.38	0.247	0.228	0.3973	0.3667	5.01E-03	4.62E-03	10
Paving	Skid Steer Loaders	1	8	65	0.37	0.108	0.100	0.0458	0.0424	5.77E-04	5.34E-04	10
									Total	**1.35E-01**	**1.26E-01**	

Table 3: Phase 1B Off-Road Construction Equipment Emissions

Phase 1B- Hotel and Retail (2020)

Construction Phase	Equipment Type	# of Equipment	Hours per Day	HP	Load Factor	PM10 EF (g/hp-hr)	PM2.5 EF (g/hp-hr)	PM10 Emissions (lbs/day)	PM2.5 Emissions (lbs/day)	PM10 Emissions Daily Avg (g/sec)	PM2.5 Emissions Daily Avg (g/sec)	AERMOD Modeled Hours
Grading/Excavation	Excavators	1	8	158	0.38	0.11	0.102	0.1165	0.1080	1.47E-03	1.36E-03	10
Grading/Excavation	Graders	1	8	187	0.41	0.15	0.138	0.2028	0.1866	2.56E-03	2.35E-03	10
Grading/Excavation	Rubber Tired Dozers	1	8	247	0.40	0.318	0.293	0.5541	0.5106	6.98E-03	6.43E-03	10
Grading/Excavation	Off-Highway Trucks	1	8	402	0.38	0.086	0.079	0.2317	0.2128	2.92E-03	2.68E-03	10
Grading/Excavation	Tractors/Loaders/ Backhoes	3	8	97	0.37	0.21	0.193	0.3988	0.3665	5.02E-03	4.62E-03	10
Drainage/Utilities/Sub-Grade	Rubber Tired Dozers	3	8	247	0.40	0.318	0.293	1.6623	1.5317	2.09E-02	1.93E-02	10
Drainage/Utilities/Sub-Grade	Tractors/Loaders/ Backhoes	4	8	97	0.37	0.21	0.193	0.5317	0.4887	6.70E-03	6.16E-03	10
Foundations/Concrete Pour	Cranes	1	8	231	0.29	0.188	0.173	0.2221	0.2044	2.80E-03	2.58E-03	10
Foundations/Concrete Pour	Forklifts	3	8	89	0.20	0.308	0.283	0.2901	0.2665	3.65E-03	3.36E-03	10
Foundations/Concrete Pour	Generator Sets	1	8	84	0.74	0.179	0.179	0.1962	0.1962	2.47E-03	2.47E-03	10
Foundations/Concrete Pour	Tractors/Loaders/ Backhoes	3	8	97	0.37	0.21	0.193	0.3988	0.3665	5.02E-03	4.62E-03	10
Foundations/Concrete Pour	Pumps	1	8	84	0.74	0.189	0.189	0.2072	0.2072	2.61E-03	2.61E-03	10
Building Construction	Cranes	1	8	231	0.29	0.188	0.173	0.2221	0.2044	2.80E-03	2.58E-03	10
Building Construction	Forklifts	4	8	89	0.20	0.308	0.283	0.3868	0.3554	4.87E-03	4.48E-03	10
Building Construction	Generator Sets	1	8	84	0.74	0.179	0.179	0.1962	0.1962	2.47E-03	2.47E-03	10
Building Construction	Tractors/Loaders/ Backhoes	3	8	97	0.37	0.21	0.193	0.3988	0.3665	5.02E-03	4.62E-03	10
Building Construction	Welders	2	8	46	0.45	0.238	0.238	0.1738	0.1738	2.19E-03	2.19E-03	10
Architectural Coating	Air Compressors	1	8	78	0.48	0.224	0.224	0.1479	0.1479	1.86E-03	1.86E-03	10
Paving	Pavers	2	8	130	0.42	0.142	0.131	0.2735	0.2523	3.45E-03	3.18E-03	10
Paving	Paving Equipment	2	8	132	0.36	0.128	0.118	0.2146	0.1978	2.70E-03	2.49E-03	10
Paving	Rollers	2	8	80	0.38	0.247	0.228	0.2649	0.2445	3.34E-03	3.08E-03	10
									Total	**9.19E-02**	**8.55E-02**	

Table 4: Phase 2 Off-Road Construction Equipment Emissions

Phase 2- Retail (2030)

Construction Phase	Equipment Type	# of Equipment	Hours per Day	HP	Load Factor	PM10 EF (g/hp-hr)	PM2.5 EF (g/hp-hr)	PM10 Emissions (lbs/day)	PM2.5 Emissions (lbs/day)	PM10 Emissions Daily Avg (g/sec)	PM2.5 Emissions Daily Avg (g/sec)	AERMOD Modeled Hours
Demolition	Concrete/Industrial Saws	1	8	81	0.73	0.036	0.036	0.0375	0.0375	4.73E-04	4.73E-04	10
Demolition	Excavators	2	8	158	0.38	0.023	0.023	0.0487	0.0487	6.14E-04	6.14E-04	10
Demolition	Rubber Tired Dozers	1	8	247	0.40	0.069	0.069	0.1202	0.1202	1.51E-03	1.51E-03	10
Grading/Excavation	Excavators	1	8	158	0.38	0.023	0.023	0.0244	0.0244	3.07E-04	3.07E-04	10
Grading/Excavation	Graders	2	8	187	0.41	0.024	0.024	0.0649	0.0649	8.18E-04	8.18E-04	10
Grading/Excavation	Rubber Tired Dozers	1	8	247	0.40	0.069	0.069	0.1202	0.1202	1.51E-03	1.51E-03	10
Grading/Excavation	Scrapers	6	8	367	0.48	0.040	0.040	0.7457	0.7457	9.40E-03	9.40E-03	10
Grading/Excavation	Off-Highway Trucks	2	8	402	0.38	0.017	0.017	0.0916	0.0916	1.15E-03	1.15E-03	10
Grading/Excavation	Tractors/Loaders/Backhoes	2	8	97	0.37	0.030	0.030	0.0380	0.0380	4.79E-04	4.79E-04	10
Drainage/Utilities/Sub-Grade	Rubber Tired Dozers	3	8	247	0.40	0.069	0.069	0.3607	0.3607	4.54E-03	4.54E-03	10
Drainage/Utilities/Sub-Grade	Tractors/Loaders/Backhoes	4	8	97	0.37	0.030	0.030	0.0760	0.0760	9.57E-04	9.57E-04	10
Foundations/Concrete Pour	Cranes	1	8	231	0.29	0.024	0.024	0.0284	0.0284	3.57E-04	3.57E-04	10
Foundations/Concrete Pour	Forklifts	3	8	89	0.20	0.021	0.021	0.0198	0.0198	2.49E-04	2.49E-04	10
Foundations/Concrete Pour	Generator Sets	1	8	84	0.74	0.034	0.034	0.0373	0.0373	4.70E-04	4.70E-04	10
Foundations/Concrete Pour	Tractors/Loaders/Backhoes	3	8	97	0.37	0.030	0.030	0.0570	0.0570	7.18E-04	7.18E-04	10
Foundations/Concrete Pour	Pumps	1	8	84	0.74	0.036	0.036	0.0395	0.0395	4.97E-04	4.97E-04	10
Building Construction	Cranes	1	8	231	0.29	0.024	0.024	0.0284	0.0284	3.57E-04	3.57E-04	10
Building Construction	Forklifts	3	8	89	0.20	0.021	0.021	0.0198	0.0198	2.49E-04	2.49E-04	10
Building Construction	Generator Sets	1	8	84	0.74	0.034	0.034	0.0373	0.0373	4.70E-04	4.70E-04	10
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37	0.030	0.030	0.0570	0.0570	7.18E-04	7.18E-04	10
Building Construction	Welders	1	8	46	0.45	0.045	0.045	0.0164	0.0164	2.07E-04	2.07E-04	10
Architectural Coating	Air Compressors	1	8	78	0.48	0.041	0.041	0.0271	0.0271	3.41E-04	3.41E-04	10
Paving	Pavers	2	8	130	0.42	0.074	0.074	0.1425	0.1425	1.80E-03	1.80E-03	10
Paving	Paving Equipment	2	8	132	0.36	0.070	0.070	0.1173	0.1173	1.48E-03	1.48E-03	10
Paving	Rollers	2	8	80	0.38	0.066	0.066	0.0708	0.0708	8.92E-04	8.92E-04	10
								Total		**3.06E-02**	**3.06E-02**	

Note:
Construction equipment would operate for 8 hours between 7 am to 5 pm
Construction equipment for Phase 1a were provided by the City, the yellow highlighted equipments were estimated based on CALEEMOD default. Construction equipment for all other phases were estimated based on CALEEMOD default for the corresponding land use.

On-Road Haul/Concrete Truck Emissions

Table 5: Phase 1A Construction Haul Truck Running and Idling Emissions

Phase 1A- Costco and Gas Station (2020)

Construction Phase	Start	End	Total Work Days (6 days per week)	Hours per Day	Total Trucks	Total Truck Trips (In/Out)	Total Truck Trips (In/Out) per Day	Distance (mi)	PM10 Running Exhaust EF (g/mi)	PM2.5 Running Exhaust EF (g/mi)	Daily Average: PM10 Running Exhaust Emissions (g/sec)	Daily Average: PM2.5 Exhaust Running Emissions (g/sec)	AERMOD Modeled Hours per Day
Grading/Excavation	4/6/2020	5/10/2020	30	8	400	800	28	1.25	7.27E-02	6.95E-02	7.07E-05	6.76E-05	10
Drainage/Utilities/Sub-Grade	4/22/2020	4/29/2020	7	8	0	0	0	1.25	7.27E-02	6.95E-02	0.00E+00	0.00E+00	10
Foundations/Concrete Pour	4/29/2020	5/15/2020	15	8	600	1200	80	1.25	7.27E-02	6.95E-02	2.02E-04	1.93E-04	10
Building Construction	5/16/2020	7/24/2020	60	8	1050	2100	36	1.25	7.27E-02	6.95E-02	9.08E-05	8.69E-05	10
Architectural Coatings	5/28/2020	7/24/2020	50	8	0	0	0	1.25	7.27E-02	6.95E-02	0.00E+00	0.00E+00	10
Paving	7/17/2020	7/24/2020	7	8	7	14	2	1.25	7.27E-02	6.95E-02	5.05E-06	4.83E-06	10
												3.52E-04	

Construction Phase	Start	End	Total Work Days (6 days per week)	Hours per Day	Total Trucks	Total Truck Trips (In/Out)	Total Truck Trips (In/Out) per Day	Idling Duration (min)	PM10 Idling Exhaust EF (g/min)	PM2.5 Idling Exhaust EF (g/min)	PM10 Idling Exhaust Emissions (g/sec)	PM2.5 Exhaust Idling Emissions (g/sec)	AERMOD Modeled Hours per Day
Grading/Excavation	4/6/2020	5/10/2020	30	8	400	800	28	15	5.23E-03	5.00E-03	3.05E-05	2.92E-05	10
Drainage/Utilities/Sub-Grade	4/22/2020	4/29/2020	7	8	0	0	0	15	5.23E-03	5.00E-03	0.00E+00	0.00E+00	10
Foundations/Concrete Pour	4/29/2020	5/15/2020	15	8	600	1200	80	15	5.23E-03	5.00E-03	8.72E-05	8.34E-05	10
Building Construction	5/16/2020	7/24/2020	60	8	1050	2100	36	15	5.23E-03	5.00E-03	3.92E-05	3.75E-05	10
Architectural Coatings	5/28/2020	7/24/2020	50	8	0	0	0	15	5.23E-03	5.00E-03	0.00E+00	0.00E+00	10
Paving	7/17/2020	7/24/2020	7	8	7	14	2	15	5.23E-03	5.00E-03	2.18E-06	2.08E-06	10

Table 6: Phase 1B Construction Haul Truck Running and Idling Emissions

Phase 1B- Hotel and Retail (2020)

Construction Phase	Start	End	Total Work Days (5 days per week)	Hours per Day	Total Trucks	Total Truck Trips (In/Out)	Total Truck Trips (In/Out) per Day	Distance (mi)	PM10 Running Exhaust EF (g/mi)	PM2.5 Running Exhaust EF (g/mi)	Daily Average: PM10 Running Exhaust Emissions (g/sec)	Daily Average: PM2.5 Exhaust Running Emissions (g/sec)	AERMOD Modeled Hours per Day
Grading/Excavation	4/6/2020	6/15/2020	51	8	340	680	14	1.25	7.27E-02	6.95E-02	3.53E-05	3.38E-05	10
Drainage/Utilities/Sub-Grade	6/16/2020	6/30/2020	11	8	0	0	0	1.25	7.27E-02	6.95E-02	0.00E+00	0.00E+00	10
Foundations/Concrete Pour	7/1/2020	7/30/2020	22	8	510	1020	48	1.25	7.27E-02	6.95E-02	1.21E-04	1.16E-04	10
Building Construction	7/31/2020	2/23/2021	148	8	972	1944	14	1.25	7.27E-02	6.95E-02	3.53E-05	3.38E-05	10
Architectural Coatings	2/24/2021	3/20/2021	18	8	0	0	0	1.25	7.27E-02	6.95E-02	0.00E+00	0.00E+00	10
Paving	3/21/2021	4/5/2021	11	8	11	22	2	1.25	7.27E-02	6.95E-02	5.05E-06	4.83E-06	10
												1.88E-04	

Construction Phase	Start	End	Total Work Days (5 days per week)	Hours per Day	Total Trucks	Total Truck Trips (In/Out)	Total Truck Trips (In/Out) per Day	Idling Duration (min)	PM10 Idling Exhaust (g/mi)	PM2.5 Idling Exhaust (g/mi)	PM10 Idling Exhaust Emissions (g/sec)	PM2.5 Exhaust Idling Emissions (g/sec)	AERMOD Modeled Hours per Day
Grading/Excavation	4/6/2020	6/15/2020	51	8	340	680	14	15	5.23E-03	5.00E-03	1.53E-05	1.46E-05	10
Drainage/Utilities/Sub-Grade	6/16/2020	6/30/2020	11	8	0	0	0	15	5.23E-03	5.00E-03	0.00E+00	0.00E+00	10
Foundations/Concrete Pour	7/1/2020	7/30/2020	22	8	510	1020	48	15	5.23E-03	5.00E-03	5.23E-05	5.00E-05	10
Building Construction	7/31/2020	2/23/2021	148	8	972	1944	14	15	5.23E-03	5.00E-03	1.53E-05	1.46E-05	10
Architectural Coatings	2/24/2021	3/20/2021	18	8	0	0	0	15	5.23E-03	5.00E-03	0.00E+00	0.00E+00	10
Paving	3/21/2021	4/5/2021	11	8	11	22	2	15	5.23E-03	5.00E-03	2.18E-06	2.08E-06	10

Table 7: Phase 2 Construction Haul Truck Running and Idling Emissions

Phase 2- Retail (2030)

Construction Phase	Start	End	Total Work Days (5 days per week)	Hours per Day	Total Trucks	Total Truck Trips (In/Out)	Total Truck Trips (In/Out) per Day	Distance (mi)	PM10 Running Exhaust EF (g/mi)	PM2.5 Running Exhaust EF (g/mi)	Daily Average: PM10 Running Exhaust Emissions (g/sec)	Daily Average: PM2.5 Exhaust Running Emissions (g/sec)	AERMOD Modeled Hours per Day
Demolition	1/7/2030	2/3/2030	20	8	0	0	0	1.25	2.38E-02	2.28E-02	0.00E+00	0.00E+00	10
Grading/Excavation	2/4/2030	3/2/2030	20	8	620	1240	62	1.25	2.38E-02	2.28E-02	5.13E-05	4.91E-05	10
Drainage/Utilities/Sub-Grade	3/3/2030	4/6/2030	25	8	0	0	0	1.25	2.38E-02	2.28E-02	0.00E+00	0.00E+00	10
Foundations/Concrete Pour	4/6/2030	4/28/2030	15	8	930	1860	124	1.25	2.38E-02	2.28E-02	1.03E-04	9.82E-05	10
Building Construction	4/30/2030	11/11/2030	140	8	1306	2612	20	1.25	2.38E-02	2.28E-02	1.66E-05	1.58E-05	10
Architectural Coatings	11/12/2030	12/9/2030	20	8	0	0	0	1.25	2.38E-02	2.28E-02	0.00E+00	0.00E+00	10
Paving	12/10/2030	1/7/2031	21	8	21	42	2	1.25	2.38E-02	2.28E-02	1.66E-06	1.58E-06	10
												1.65E-04	

Construction Phase	Start	End	Total Work Days (5 days per week)	Hours per Day	Total Trucks	Total Truck Trips (In/Out)	Total Truck Trips (In/Out) per Day	Idling Duration (min)	PM10 Idling Exhaust (g/mi)	PM2.5 Idling Exhaust (g/mi)	PM10 Idling Exhaust Emissions (g/sec)	PM2.5 Exhaust Idling Emissions (g/sec)	AERMOD Modeled Hours per Day
Demolition	1/7/2030	2/3/2030	20	8	0	0	0	15	8.97E-04	8.58E-04	0.00E+00	0.00E+00	10
Grading/Excavation	2/4/2030	3/2/2030	20	8	620	1240	62	15	8.97E-04	8.58E-04	1.16E-05	1.11E-05	10
Drainage/Utilities/Sub-Grade	3/3/2030	4/6/2030	25	8	0	0	0	15	8.97E-04	8.58E-04	0.00E+00	0.00E+00	10
Foundations/Concrete Pour	4/6/2030	4/28/2030	15	8	930	1860	124	15	8.97E-04	8.58E-04	2.32E-05	2.22E-05	10
Building Construction	4/30/2030	11/11/2030	140	8	1306	2612	20	15	8.97E-04	8.58E-04	3.74E-06	3.57E-06	10
Architectural Coatings	11/12/2030	12/9/2030	20	8	0	0	0	15	8.97E-04	8.58E-04	0.00E+00	0.00E+00	10
Paving	12/10/2030	1/7/2031	21	8	21	42	2	15	8.97E-04	8.58E-04	3.74E-07	3.57E-07	10

Note:
The City estimated project total truck for the grading/excavation and foundations/concrete pour for all phases, and building construction for Phase 1A, the truck trips of building construction of other phases were scaled based on landuse squarefeet as compared to Phase 1a. Paving phase is assumed to have one truck per day.

Construction PM2.5 Emissions

	Phase	Start Date	End Date	Number of Work Days	Hours per day	Emission Rate per work day (g/s)		
						Off-Road Construction Equipment	On-Road Haul, Concrete, Vendor Truck	Idling Haul, Concrete, Vendor Truck
Phase 1 A	Grading/Excavation	4/6/2020	5/10/2020	30	8	4.49E-02	6.76E-05	2.92E-05
	Drainage/Utilities/Sub-Grade	4/22/2020	4/29/2020	7	8	1.60E-02	0.00E+00	0.00E+00
	Foundations/Concrete Pour	4/29/2020	5/15/2020	15	8	1.93E-02	1.93E-04	8.34E-05
	Building Construction	5/16/2020	7/24/2020	60	8	2.39E-02	8.69E-05	3.75E-05
	Architectural Coatings	5/28/2020	7/24/2020	50	8	1.86E-03	0.00E+00	0.00E+00
	Paving	7/17/2020	7/24/2020	7	8	2.04E-02	4.83E-06	2.08E-06
Phase 1B	Grading/Excavation	4/6/2020	6/15/2020	51	8	1.74E-02	3.38E-05	1.46E-05
	Drainage/Utilities/Sub-Grade	6/16/2020	6/30/2020	11	8	2.55E-02	0.00E+00	0.00E+00
	Foundations/Concrete Pour	7/1/2020	7/30/2020	22	8	1.56E-02	1.16E-04	5.00E-05
	Building Construction	7/31/2020	2/23/2021	148	8	1.63E-02	3.38E-05	1.46E-05
	Architectural Coatings	2/24/2021	3/20/2021	18	8	1.86E-03	0.00E+00	0.00E+00
	Paving	3/21/2021	4/5/2021	11	8	2.04E-02	4.83E-06	2.08E-06
Phase 2	Demolition	1/7/2030	2/3/2030	20	8	2.60E-03	0.00E+00	0.00E+00
	Grading/Excavation	2/4/2030	3/2/2030	20	8	1.37E-02	4.91E-05	1.11E-05
	Drainage/Utilities/Sub-Grade	3/3/2030	4/6/2030	25	8	5.50E-03	0.00E+00	0.00E+00
	Foundations/Concrete Pour	4/6/2030	4/28/2030	15	8	2.29E-03	9.82E-05	2.22E-05
	Building Construction	4/30/2030	11/11/2030	140	8	2.00E-03	1.58E-05	3.57E-06
	Architectural Coatings	11/12/2030	12/9/2030	20	8	3.41E-04	0.00E+00	0.00E+00
	Paving	12/10/2030	1/7/2031	21	8	4.17E-03	1.58E-06	3.57E-07

Annual Average Emissions (g/s)	
Soure Group	PM2.5
Phase 1A Off-Road	0.03137
Phase 1B Off-Road	0.01151
Phase 1A-Haul	9.33E-05
Phase 1B-Haul	2.56E-05
Phase 1A-Iding	4.03E-05
Phase 1B-Idling	1.11E-05
Phase 2- Off Road	2.39E-03
Phase 2-Haul	1.29E-05
Phase 2-Idle	2.91E-06

Construction PM2.5 Emissions for AERMOD

AERMOD Soure Group	AERMOD Emission Rates
Phase1A	3.14E-02
Phase1B	1.15E-02
Phase 1A Haul	9.33E-05
Phase 1B Haul	2.56E-05
Phase1A_Idle	4.03E-05
Phase1B_Idle	1.11E-05
Phase2_1	7.59E-04
Phase2_2	8.01E-04
Phase2_3	1.17E-04
Phase2_4	7.11E-04
Phase 2 Haul	1.29E-05
Phase2_1IDLE	9.25E-07
Phase2_2IDLE	9.76E-07
Phase2_3IDLE	1.42E-07
Phase2_4IDLE	8.66E-07

A.1.2 Operational PM and TOG Emissions

Johnson Drive HRA
Air Quality Assessment

Table 1: Costco Emergency Generator Emissions

Conversion Factors

HP/kW	1.3410
PM10 Fraction of Total PM[1]	0.960
PM2.5 Fraction of Total PM[2]	0.937

Costco Emergency Generator

Ratings:	1,000	kW
	1,341	HP
Load Factor[3]:	0.74	
Operating Hours per Unit[4]:	2	hours/day
	50	hours/year

Emergency Generator Emissions

Units	PM10	PM2.5
g/kW-hr	—	—
g/HP-hr[5]	0.1440	0.1406
lbs/hr	0.32	0.31
lbs/day	**0.63**	**0.61**
lbs/yr	15.75	15.37
tons/yr	7.88E-03	7.69E-03
metric tons/yr	—	—
g/s[6]	4.91E-04	4.79E-04

Notes:

1 Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION

2 Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION

3 Load Factor based on CalEEMod Generator Set Load Factor

4 Number of hours permitted for testing and maintenance consistent with BAAQMD Regulation 9-8-330.3

5 ARB 2011 Final Regulation Order for the ATCM for stationary engines, Table 1, Model year 2008+: https://www.arb.ca.gov/regact/2010/atcm2010/finalre

6 Emission rate accounts for variable emissions

Source: ESA 2018.

Johnson Drive HRA

Air Quality Assessment

Table 2: Hotel Emergency Generator Emissions

Conversion Factors

HP/kW	1.3410	
PM10 Fraction of Total PM[1]	0.960	
PM2.5 Fraction of Total PM[2]	0.937	

Hotel Emergency Generator

Ratings:	1,000	kW
	1,341	HP
Load Factor[3]:	0.74	
Operating Hours per Unit[4]:	2	hours/day
	50	hours/year

Emergency Generator Emissions

Units	PM10	PM2.5
g/kW-hr	—	—
g/HP-hr[5]	0.1440	0.1406
lbs/hr	0.32	0.31
lbs/day	**0.63**	**0.61**
lbs/yr	15.75	15.37
tons/yr	7.88E-03	7.69E-03
metric tons/yr	—	—
g/s[6]	5.44E-04	5.31E-04

Notes:

1 Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION

2 Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION

3 Load Factor based on CalEEMod Generator Set Load Factor

4 Number of hours permitted for testing and maintenance consistent with BAAQMD Regulation 9-8-330.3

5 ARB 2011 Final Regulation Order for the ATCM for stationary engines, Table 1, Model year 2008+: https://www.arb.ca.gov/regact/2010/atcm2010/finalregorder.pdf

6 Emission rate accounts for variable emissions

Source: ESA 2018.

Gas Station TACs

Table 3: Gas Station Evaporative TOG Emissions

Annual Gasoline Throughput (gal)[1]
26,640,000

UST Vent Pipe Emissions		Emissions at Pumps	
Loading	Breathing	Refueling	Spillage
lbs/1000 gallons[2]			
0.084	0.025	0.74	0.42

UST Vent Pipe TOG Emissions		TOG Emissions at Pumps	
Loading	Breathing	Refueling	Spillage
lb/year			
2.24E+03	6.66E+02	1.97E+04	1.12E+04

1 Johnson Drive HRA Assumptions
Scenario 6B - Phase I and Phase II, with Vent Valves 90% Overall Efficiency for Breathing and Refueling

2 CAPCOA, 1997. Air Toxic "hot spots" Program. Gasoline Service Station Industrywide Risk Assessment Guidelines. November 1997.

Project Trip Generation

Table 4: Previous Trips Generation Estimates (Phase 1)

Land Use	Size	Unit	Weekday Trips	Saturday Trips	Weekday Trip Rate	Saturday Trip Rate
Retail	24	1000sqft	1,000	1,170	43	50
Club Retail with Fuel	148	1000sqft	10,710	11,060	72	75
Hotel (150 Rooms)	88	1000sqft	1,230	1,230	14	14
		Total	**12,940**	**13,460**		
Reductions		Pass By Trips (Retail)	300	350		
		Pass By Trips (Club Retail with Fuel)	3,750	2,210		
		Total After Reductions	**8,890**	**10,900**		

Table 5: Previous Trips Generation Estimates (Phase 2)

Land Use	Size	Unit	Weekday Trips	Saturday Trips	Weekday Trip Rate	Saturday Trip Rate
Retail	246	1000sqft	10,510	12,300	43	50
		30% Reduction	3,153	3,690		
		Net Trips	**7,357**	**8,610**		

Table 6: Updated Trips Generation Estimates (Phase 1)

Land Use	Size	Unit	Weekday Trip Rate	Saturday Trip Rate	Weekday Trips	Saturday Trips
Retail	5	1000sqft	43	50	213	249
Club Retail with Fuel	148	1000sqft	72	75	10,710	11,060
Hotel (231 Rooms)	132	1000sqft	14	14	1,845	1,845
				Total	**12,768**	**13,154**
			Reductions	Pass By Trips (Retail)	64	75
				Pass By Trips (Club Retail with Fuel)	3,750	2,210
				Net Total		
				Retail	149	174
				Club Retail with Fuel	6,960	8,850
				Hotel (231 Rooms)	1,845	1,845
				Weighted Daily Trips		
				Retail	156	
				Club Retail with Fuel	7,500	
				Hotel (231 Rooms)	1,845	
				Total After Reductions	**8,954**	**10,869**
				Weighted Daily Trips	**9,501**	

Table 7: Updated Trips Generation Estimates (Phase 2)

Land Use	Size	Unit	Weekday Trip Rate	Saturday Trip Rate	Weekday Trips	Saturday Trips
Retail	184	1000sqft	43	50	7,849	9,185
				Total	**7,849**	**9,185**
			Reductions	Pass By Trips (Retail)	2,355	2,756
				Total After Reductions	**5,494**	**6,430**
				Weighted Daily Trips	**5,596**	

Hotel/Retail Trucks

Land Use	Weighted Daily Trucks
Phase 2-Retail	165
Phase 1-Retail	4
Phase 1-Hotel	54

Other Trucks

Weekday Trips	Weekend Trips
157	184
Weighted Daily Trucks	
112.45	52.64

TRU Operation

Table 8: TRU Operations Emissions

Source	Input	DPM/PM2.5 Exhaust		
Costco				
Daily Trucks[1]	10			
Trucks per Hour	1			
Percent box trucks with TRUs[1]	75%			
TRU operation/trip (hrs)[1]	2	**lbs/year**	**g/s[4]**	
Annual hours of TRU operation	5,475	3.78E+00	1.18E-04	
FEDEX				
Daily Trucks[1]	390			
Trucks per Hour	39			
Percent box trucks with TRUs[1]	25%			
TRU operation/trip (hrs)[1]	2	**lbs/year**	**g/s[4]**	
Annual hours of TRU operation	71,175	4.91E+01	2.18E-03	
Phase 1 - Retail/Hotel				
Daily one-way trips	58			
Daily Trucks	29			
Trucks per Hour	3			
Percent semi trucks with TRUs[1]	25%			
TRU operation/trip (hrs)[1]	2	**lbs/year**	**g/s**	
Annual hours of TRU operation	5,320	3.67E+00	5.28E-05	
Phase 2 - Onsite Businesses				
Daily one-way trips	165			
Daily Trucks	83			
Trucks per Hour	8			
Percent semi trucks with TRUs[1]	25%			
TRU operation/trip (hrs)[1]	2	**lbs/year**	**g/s**	**AERMOD Emission Rate**
Annual hours of TRU operation	15,065	1.04E+01	1.49E-04	3.74E-05

Parameters for TRU Trucks	
TRU horsepower[2]	34
TRU load factor	0.46
Ultra-Low Emission TRU emission factor (g/hp-hr)[3]	0.02

1 Johnson Drive HRA Assumptions

2 ARB 2011 Staff Report: Amendments for the ATCM for TRUs, table III-1: https://www.arb.ca.gov/regact/2011/tru2011/truisor.pdf

3 Required per ARB ATCM, section 2477.5 (b), table 6: https://www.arb.ca.gov/diesel/tru/documents/fro_10-16-12.pdf

4 Calculation takes variable emissions into account

Light-Duty Vehicle Emissions

Table 9: Light-Duty Vehicle Emissions for each Phase

Phase	Trips per Day (In/Out)	Trips per Hour (In/Out)	Roundtrips/Car Starts per Day	Roundtrips/Car Starts per Hour	Trip Distance (mi)	# of Cars Idling per Day	# of Cars Idling per Hour	Idling Duration (min) [2]	Speed (mph)	# of Hours a car is off onsite	Car Shutoffs per Trip per day
Phase 1A-Costco	7500	750	3750	375	0.69010				40	2	1
Phase 1A-Costco Gas Station [1]	3371	337	1686	169		1686	169	10	40	0.25	1
Phase 1B-Retail	156	16	78	8	0.69010				40	2	1
Phase 1B-Hotel (231 Rooms)	1845	185	923	92	0.69010				40	12	1
Phase 2-Retail	5596	560	2798	280	0.69010				40	2	1

1. Costco trips given in the Traffic Study include trips to both the store and gas station. Therefore, running emissions has been accounted for in the Phase 1A-Costco row, and gas station trips that were estimated based on CALEEMOD default are assumed to be part of the total Costco trips and only used for estimating other emissions (e.g., idling and startup) at the gas station.

2. ESA assumes a 10 minute idling time for each car waiting in line at Costco Gas Station.

Emission Factors

Year	TOG RUNEX g/mi	TOG IDLEX g/min	TOG STREX g/trip	TOG RUNLOSS g/trip	TOG RESTLOSS g/vehicle/hour	TOG HOTSOAK g/trip	TOG DIURN g/vehicle/hour	PM2.5 RUNEX g/mi	PM2.5 IDLEX g/min	PM2.5 STREX g/trip
2021	2.15E-02	1.79E-03	3.68E-01	2.67E-02	1.02E-02	2.61E-01	5.37E-03	1.45E-03	1.21E-04	1.89E-03
2031	6.34E-03	5.28E-04	1.61E-01	1.89E-02	6.68E-03	1.57E-01	3.17E-03	8.70E-04	7.25E-05	1.21E-03

Emissions

Phase	TOG RUNEX	TOG IDLEX	TOG STREX	TOG RUNLOSS	TOG RESTLOSS	TOG HOTSOAK	TOG DIURN	PM2.5 RUNEX	PM2.5 IDLEX	PM2.5 STREX
	Emissions (lb/day)									
Phase 1A-Costco	2.45E-01	0.00E+00	3.04E+00	4.42E-01	1.68E-01	2.16E+00	8.88E-02	1.65E-02	0.00E+00	1.56E-02
Phase 1A-Costco Gas Station	0.00E+00	6.65E-02	1.37E+00	1.98E-01	9.46E-03	9.71E-01	4.99E-03	0.00E+00	4.49E-03	7.02E-03
Phase 1B-Retail	5.10E-03	0.00E+00	6.33E-02	9.20E-03	3.51E-03	4.50E-02	1.85E-03	3.44E-04	0.00E+00	3.25E-04
Phase 1B-Hotel (231 Rooms)	6.03E-02	0.00E+00	7.48E-01	1.09E-01	2.49E-01	5.32E-01	1.31E-01	4.07E-03	0.00E+00	3.84E-03
Phase 2-Retail	5.40E-02	0.00E+00	9.91E-01	2.33E-01	8.24E-02	9.71E-01	3.91E-02	7.41E-03	0.00E+00	7.48E-03

Phase	TOG RUNEX	TOG IDLEX	TOG STREX	TOG RUNLOSS	TOG RESTLOSS	TOG HOTSOAK	TOG DIURN	PM2.5 RUNEX	PM2.5 IDLEX	PM2.5 STREX
	Emissions (lb/year)									
Phase 1A-Costco	8.95E+01	0.00E+00	1.11E+03	1.61E+02	6.15E+01	7.89E+02	3.24E+01	6.04E+00	0.00E+00	5.70E+00
Phase 1A-Costco Gas Station	0.00E+00	2.43E+01	4.99E+02	7.25E+01	3.45E+00	3.55E+02	1.82E+00	0.00E+00	1.64E+00	2.56E+00
Phase 1B-Retail	1.86E+00	0.00E+00	2.31E+01	3.36E+00	1.28E+00	1.64E+01	6.75E-01	1.26E-01	0.00E+00	1.19E-01
Phase 1B-Hotel (231 Rooms)	2.20E+01	0.00E+00	2.73E+02	3.97E+01	9.07E+01	1.94E+02	4.79E+01	1.49E+00	0.00E+00	1.40E+00
Phase 2-Retail	1.97E+01	0.00E+00	3.62E+02	8.51E+01	3.01E+01	3.55E+02	1.43E+01	2.70E+00	0.00E+00	2.73E+00

Table 10: Annual PM2.5 Emission Rates for AERMOD

Annual AERMOD PM2.5 Emission Rates	TOG RUNEX	TOG IDLEX	TOG STREX	TOG RUNLOSS	TOG RESTLOSS	TOG HOTSOAK	TOG DIURN	PM2.5 RUNEX	PM2.5 IDLEX	PM2.5 STREX	Phase 1 AERMOD Emission Rate	AERMOD Emission Rate
Phase	Emissions (g/s)										Running Exhaust	Idling Exhaust
Phase 1A-Costco[1]	1.29E-03	0.00E+00	1.60E-02	2.32E-03	8.84E-04	1.13E-02	4.66E-04	1.88E-04	0.00E+00	1.78E-04	3.66E-04	
Phase 1A-Costco Gas Station[1]	0.00E+00	3.49E-04	7.18E-03	1.04E-03	4.97E-05	5.10E-03	2.62E-05	0.00E+00	3.79E-05	5.92E-05	5.92E-05	7.58E-06
Phase 1B-Retail	2.68E-05	0.00E+00	3.32E-04	4.83E-05	1.84E-05	2.36E-04	9.71E-06	1.81E-06	0.00E+00	1.71E-06	3.52E-06	
Phase 1B-Hotel (231 Rooms)	3.17E-04	0.00E+00	3.93E-03	5.70E-04	1.31E-03	2.79E-03	6.88E-04	2.14E-05	0.00E+00	2.02E-05	4.15E-05	
Phase 2-Retail	2.83E-04	0.00E+00	5.20E-03	1.22E-03	4.33E-04	5.10E-03	2.05E-04	3.89E-05	0.00E+00	3.93E-05		

Emissions Summary

Annual Emissions	TOG RUNEX	TOG IDLEX	TOG STREX	TOG RUNLOSS	TOG RESTLOSS	TOG HOTSOAK	TOG DIURN	PM2.5 RUNEX	PM2.5 IDLEX	PM2.5 STREX
Phase	Emissions (lb/year)									
Phase 1 Emissions	1.13E+02	2.43E+01	1.90E+03	2.77E+02	1.57E+02	1.35E+03	8.28E+01	7.65E+00	1.64E+00	9.78E+00
Phase 2 Emissions	1.97E+01	0.00E+00	3.62E+02	8.51E+01	3.01E+01	3.55E+02	1.43E+01	2.70E+00	0.00E+00	2.73E+00

1) PM2.5 Emission rate account for variable emissions

Full Buildout Light-Duty Vehicle Emissions

Table 11: Light-Duty Vehicle Emissions for Full Buildout Phases (2031 EF)

Phase	Trips per Day (In/Out)	Trips per Hour (In/Out)	Roundtrips/Car Starts per Day	Roundtrips/Car Starts per Hour	Trip Distance (mi)	# of Cars Idling per Day	# of Cars Idling per Hour	Idling Duration (min) [2]	Speed (mph)	# of Hours a car is off onsite	Car Shutoffs per Trip per day
Phase 1A-Costco	7500	750	3750	375	0.69010				40	2	1
Phase 1A-Costco Gas Station [1]	3371	337	1686	169		1686	169	10	40	0.25	1
Phase 1B-Retail	156	16	78	8	0.69010				40	2	1
Phase 1B-Hotel (231 Rooms)	1845	185	923	92	0.69010				40	12	1
Phase 2-Retail	5596	560	2798	280	0.69010				40	2	1

1. Costco trips given in the Traffic Study include trips to both the store and gas station. Therefore, running emissions has been accounted for in the Phase 1A-Costco row, and gas station trips that were estimated based on CALEEMOD default are assumed to be part of the total Costco trips and only used for estimating other emissions (e.g., idling and startup) at the gas station.

2. ESA assumes a 10 minute idling time for each car waiting in line at Costco Gas Station.

Emission Factors

Year	TOG RUNEX g/mi	TOG IDLEX g/min	TOG STREX g/trip	TOG RUNLOSS g/trip	TOG RESTLOSS g/vehicle/hour	TOG HOTSOAK g/trip	TOG DIURN our	PM2.5 RUNEX g/mi	PM2.5 IDLEX g/min	PM2.5 STREX g/trip
2031	6.34E-03	5.28E-04	1.61E-01	1.89E-02	6.68E-03	1.57E-01	3.17E-03	8.70E-04	7.25E-05	1.21E-03
2031	6.34E-03	5.28E-04	1.61E-01	1.89E-02	6.68E-03	1.57E-01	3.17E-03	8.70E-04	7.25E-05	1.21E-03

Emissions

Phase	TOG RUNEX	TOG IDLEX	TOG STREX	TOG RUNLOSS	TOG RESTLOSS	TOG HOTSOAK	TOG DIURN	PM2.5 RUNEX	PM2.5 IDLEX	PM2.5 STREX
	Emissions (lb/day)									
Phase 1A-Costco	7.23E-02	0.00E+00	1.33E+00	3.13E-01	1.10E-01	1.30E+00	5.23E-02	9.93E-03	0.00E+00	1.00E-02
Phase 1A-Costco Gas Station	0.00E+00	1.96E-02	5.97E-01	1.41E-01	6.20E-03	5.85E-01	2.94E-03	0.00E+00	2.69E-03	4.50E-03
Phase 1B-Retail	1.51E-03	0.00E+00	2.77E-02	6.51E-03	2.30E-03	2.71E-02	1.09E-03	2.07E-04	0.00E+00	2.09E-04
Phase 1B-Hotel (231 Rooms)	1.78E-02	0.00E+00	3.27E-01	7.69E-02	1.63E-01	3.20E-01	7.73E-02	2.44E-03	0.00E+00	2.46E-03
Phase 2-Retail	5.40E-02	0.00E+00	9.91E-01	2.33E-01	8.24E-02	9.71E-01	3.91E-02	7.41E-03	0.00E+00	7.48E-03

Phase	TOG RUNEX	TOG IDLEX	TOG STREX	TOG RUNLOSS	TOG RESTLOSS	TOG HOTSOAK	TOG DIURN	PM2.5 RUNEX	PM2.5 IDLEX	PM2.5 STREX
	Emissions (lb/year)									
Phase 1A-Costco	2.64E+01	0.00E+00	4.85E+02	1.14E+02	4.03E+01	4.75E+02	1.91E+01	3.62E+00	0.00E+00	3.66E+00
Phase 1A-Costco Gas Station	0.00E+00	7.16E+00	2.18E+02	5.13E+01	2.26E+00	2.14E+02	1.07E+00	0.00E+00	9.83E-01	1.64E+00
Phase 1B-Retail	5.50E-01	0.00E+00	1.01E+01	2.38E+00	8.39E-01	9.89E+00	3.98E-01	7.54E-02	0.00E+00	7.62E-02
Phase 1B-Hotel (231 Rooms)	6.49E+00	0.00E+00	1.19E+02	2.81E+01	5.95E+01	1.17E+02	2.82E+01	8.91E-01	0.00E+00	9.00E-01
Phase 2-Retail	1.97E+01	0.00E+00	3.62E+02	8.51E+01	3.01E+01	3.55E+02	1.43E+01	2.70E+00	0.00E+00	2.73E+00

Table 12: Annual PM2.5 Emission Rates for AERMOD (2031 EF)

Annual AERMOD PM2.5 Emission Rates	TOG RUNEX	TOG IDLEX	TOG STREX	TOG RUNLOSS	TOG RESTLOSS	TOG HOTSOAK	TOG DIURN	PM2.5 RUNEX	PM2.5 IDLEX	PM2.5 STREX	AERMOD Emission Rate (g/s)	AERMOD Emission Rate (g/s)
Phase	Emissions (g/s)										Exhaust	Idling Exhaust
Phase 1A-Costco[1]	3.80E-04	0.00E+00	6.97E-03	1.64E-03	5.80E-04	6.83E-03	2.75E-04	1.13E-04	0.00E+00	1.14E-04	2.27E-04	
Phase 1A-Costco Gas Station[1]	0.00E+00	1.03E-04	3.13E-03	7.38E-04	3.26E-05	3.07E-03	1.54E-05	0.00E+00	2.27E-05	3.80E-05	3.80E-05	4.55E-06
Phase 1B-Retail	7.90E-06	0.00E+00	1.45E-04	3.42E-05	1.21E-05	1.42E-04	5.72E-06	1.09E-06	0.00E+00	1.10E-06	2.18E-06	
Phase 1B-Hotel (231 Rooms)	9.34E-05	0.00E+00	1.72E-03	4.04E-04	8.56E-04	1.68E-03	4.06E-04	1.28E-05	0.00E+00	1.29E-05	2.58E-05	
Phase 2-Retail	2.83E-04	0.00E+00	5.20E-03	1.22E-03	4.33E-04	5.10E-03	2.05E-04	3.89E-05	0.00E+00	3.93E-05	7.81E-05	

Emissions Summary

Annual Emissions	TOG RUNEX	TOG IDLEX	TOG STREX	TOG RUNLOSS	TOG RESTLOSS	TOG HOTSOAK	TOG DIURN	PM2.5 RUNEX	PM2.5 IDLEX	PM2.5 STREX
Phase	Emissions (lb/year)									
Phase 1 Emissions	3.34E+01	7.16E+00	8.32E+02	1.96E+02	1.03E+02	8.15E+02	4.88E+01	4.59E+00	9.83E-01	6.28E+00
Phase 2 Emissions	1.97E+01	0.00E+00	3.62E+02	8.51E+01	3.01E+01	3.55E+02	1.43E+01	2.70E+00	0.00E+00	2.73E+00

1) PM2.5 Emission rate account for variable emissions

Table 13: HHDT PM10 Running Exhaust Emissions

Source	# of Trucks per Day	Total Truck Trips per Day (In/Out)	Total Truck Trips per Hour (In/Out)	Trip Length (mi)
Fedex	390	780	78	0.1519
Costco	10	20	2	0.7060
Gas Station	6	12	1	0.7060
Phase 1 - Retail/Hotel	29	58	6	0.1519
Phase 2- Trucks	165	330	33	0.6901

Emissions Factors

2021	2031
Emission Factor (g/mi)	
6.07E-02	2.37E-02

Emissions

DAILY	2021	2031
Source	Exhaust Emissions (lb/day)	
Fedex	1.59E-02	6.20E-03
Costco	1.89E-03	7.38E-04
Gas Station	1.13E-03	4.43E-04
Phase 1 - Retail/Hotel	1.19E-03	4.63E-04
Phase 2- Trucks	3.05E-02	1.19E-02

ANNUAL	2021	2031
Source	Exhaust Emissions (lb/year)	
Fedex	5.79E+00	2.26E+00
Costco	6.90E-01	2.70E-01
Gas Station	4.14E-01	1.62E-01
Phase 1 - Retail/Hotel	4.33E-01	1.69E-01
Phase 2- Trucks	1.11E+01	4.35E+00

Table 14: HHDT PM10 Idling Exhaust Emissions

Source	# of Trucks per Day	# of Trucks per Hour	Idling Minutes
Fedex	390	39	15
Costco	10	1	15
Gas Station	6	1	15
Phase 1 - Retail/Hotel	29	3	15
Phase 2- Trucks	165	17	15

Emissions Factors

2021	2031
Emission Factor (g/min)	
3.66E-03	8.75E-04

Emissions

DAILY	2021	2031
Source	Emissions (lb/day)	
Fedex	4.72E-02	1.13E-02
Costco	1.21E-03	2.89E-04
Gas Station	7.26E-04	1.74E-04
Phase 1 - Retail/Hotel	3.53E-03	8.44E-04
Phase 2- Trucks	2.00E-02	4.78E-03

ANNUAL	2021	2031
Source	Emissions (lb/year)	
Fedex	1.72E+01	4.12E+00
Costco	4.42E-01	1.06E-01
Gas Station	2.65E-01	6.34E-02
Phase 1 - Retail/Hotel	1.29E+00	3.08E-01
Phase 2- Trucks	7.29E+00	1.74E+00

Table 15: HHDT PM2.5 Running Exhaust Emissions

Source	# of Trucks per Day	Total Truck Trips per day (In/Out)	Total Truck Trips (In/Out)	Trip Length (mi)
Fedex	390	780	78	0.1519
Costco	10	20	2	0.7060
Gas Station	6	12	1	0.7060
Phase 1 - Retail/Hotel	29	58	6	0.1519
Phase 2- Trucks	165	330	33	0.6901

Emissions Factors

2021	2031
Emission Factor (g/mi)	
5.81E-02	2.27E-02

Emissions

DAILY	2021	2031
Source	Emissions (lb/day)	
Fedex	1.52E-02	5.93E-03
Costco	1.81E-03	7.07E-04
Gas Station	1.08E-03	4.24E-04
Phase 1 - Retail/Hotel	1.13E-03	4.43E-04
Phase 2- Trucks	2.92E-02	1.14E-02

ANNUAL	2021	2031
Source	Emissions (lb/year)	
Fedex	5.54E+00	2.16E+00
Costco	6.60E-01	2.58E-01
Gas Station	3.96E-01	1.55E-01
Phase 1 - Retail/Hotel	4.14E-01	1.62E-01
Phase 2- Trucks	1.06E+01	4.16E+00

Annual PM2.5 AERMOD Emission Rate	2021	2031
Source	Emissions (g/s)	
Fedex[1]	2.46E-04	9.60E-05
Costco[1]	2.06E-05	8.04E-06
Gas Station[1]	9.15E-06	3.58E-06
Phase 1 - Retail/Hotel	5.95E-06	2.33E-06
Phase 2- Trucks	1.53E-04	5.99E-05

1. Emission rate accounts for variable emissions

Table 16: HHDT PM2.5 Idling Exhaust Emissions

Source	# of Trucks per Day	# of Trucks per Hour	Idling Minutes
Fedex	390	39	15
Costco	10	1	15
Gas Station	6	1	15
Phase 1 - Retail/Hotel	29	3	15
Phase 2- Trucks	165	17	15

Emissions Factors

2021	2031
Emission Factor (g/min)	
3.50E-03	8.37E-04

Emissions

DAILY

Source	2021	2031
	Emissions (lb/day)	
Fedex	4.52E-02	1.08E-02
Costco	1.16E-03	2.77E-04
Gas Station	6.95E-04	1.66E-04
Phase 1 - Retail/Hotel	3.38E-03	8.07E-04
Phase 2- Trucks	1.91E-02	4.57E-03

ANNUAL

Source	2021	2031
	Emissions (lb/year)	
Fedex	1.65E+01	3.94E+00
Costco	4.23E-01	1.01E-01
Gas Station	2.54E-01	6.06E-02
Phase 1 - Retail/Hotel	1.23E+00	2.95E-01
Phase 2- Trucks	6.98E+00	1.67E+00

Annual PM2.5 AERMOD Emission Rate

Source	2021	2031
	Emissions (g/s)	
Fedex[1]	7.31E-04	1.75E-04
Costco[1]	1.32E-05	3.15E-06
Gas Station[1]	5.87E-06	1.40E-06
Phase 1 - Retail/Hotel	1.77E-05	4.24E-06
Phase 2- Trucks	1.00E-04	2.40E-05

Annual PM2.5

Source	AERMOD Emission Rate	
Fedex[1]	1.75E-04	
Costco[1]	3.15E-06	
Gas Station[1]	1.40E-06	
Phase 1 - Retail/Hotel	4.24E-06	
Phase 2- Trucks	6.00E-06	<-Has 4 sources in AERMOD

1. Emissions rate accounts for variable emissions

Variable Emission Profiles in AERMOD

	Costco Store [1]			Costco Gas Station [1]			Fedex [2]			Hotel and others
Hour (Ending of Hour Period)	(9:00am-8:30pm)	(9:00am - 7:00pm)	Sunday (9:00am - 7:00pm)	(6:00am-9:30pm)	(6:00am-8:00pm)	Sunday (7:00am - 8:00pm)	(9:00am-6:30pm)	(9:00am-4:00pm)	Sunday (Closed)	24/7
1:00	0	0	0	0	0	0	0	0	0	Hotel generator assume could operate between 8 am and 6pm
2:00	0	0	0	0	0	0	0	0	0	
3:00	0	0	0	0	0	0	0	0	0	
4:00	0	0	0	0	0	0	0	0	0	
5:00	0	0	0	0	0	0	0	0	0	
6:00	0	0	0	0	0	0	0	0	0	
7:00	0	0	0	1	1	0	0	0	0	
8:00	0	0	0	1	1	1	0	0	0	
9:00	0	0	0	1	1	1	0	0	0	
10:00	1	1	1	1	1	1	1	1	0	
11:00	1	1	1	1	1	1	1	1	0	
12:00	1	1	1	1	1	1	1	1	0	
13:00	1	1	1	1	1	1	1	1	0	
14:00	1	1	1	1	1	1	1	1	0	
15:00	1	1	1	1	1	1	1	1	0	
16:00	1	1	1	1	1	1	1	1	0	
17:00	1	1	1	1	1	1	1	0	0	
18:00	1	1	1	1	1	1	1	0	0	
19:00	1	1	1	1	1	1	0.5	0	0	
20:00	1	0	0	1	1	1	0	0	0	
21:00	0.5	0	0	1	0	0	0	0	0	
22:00	0	0	0	0.5	0	0	0	0	0	
23:00	0	0	0	0	0	0	0	0	0	
24:00	0	0	0	0	0	0	0	0	0	

1 Assume same schedule as this Costco in San Francisco: https://www.costco.com/warehouse-locations/el-camino-s-san-francisco-ca-475.html. Accessed 10/23/2018

2 Based on business hours found on the website for this onsite Fedex facility

Costco Store		**Station**		**Fedex**		**Hotel Generator**	
M-F	11.5	M-F	15.5	M-F	9.5	M-F	10
Saturday	10	Saturday	14	Saturday	7	Saturday	10
Sunday	10	Sunday	13	Sunday	0	Sunday	10
Weighted	**11.07**	**Weighted**	**14.93**	**Weighted**	**7.79**	**Weighted**	**10.00**

Table 17: Operational DPM and PM2.5 Annual Emissions Summary

Diesel Particulate Matter

Phase	Sources	Source Group from AERMOD	Variable Emissions?	Hours per day	lb/year	lb/year (adjusted)
Phase 1	Costco Delivery Trucks Idling	CSCO-IDL	Yes	10	4.42E-01	1.06E+00
Phase 1	Costco Emergency Generator	CSCO-GEN	Yes	10	15.75	3.78E+01
Phase 1	Costco Delivery Truck Route Exhaust	DEL-EXH	Yes	10	4.33E-01	1.04E+00
Phase 1	Gas Station Delivery Truck Route Exhaust	DEL-EXH	Yes	13	1.11E+01	2.05E+01
Phase 1	Gas Station Truck Idling	GSTRKIDL	Yes	13	2.65E-01	4.89E-01
Phase 1	Fedex Truck Idling	FDX-IDLE	Yes	7	1.72E+01	5.91E+01
Phase 1	Fedex Trucks Onroad Exhaust	FDX-EXH	Yes	7	4.14E-01	1.42E+00
Phase 1	Hotel Generator	HOTL-GEN	Yes	10	1.58E+01	3.78E+01
Phase 1	Costco TRU	CSCO-TRU	Yes	10	3.78E+00	9.06E+00
Phase 1	Fedex Trucks TRU	FDX-TRU	Yes	7	4.91E+01	1.68E+02
Phase 1	Retail/Hotel Truck Route Exhaust	HOTL-EXH	No	0	0.00E+00	0.00E+00
Phase 1	Retail/Hotel Truck Idling	HOTL-IDL	No	0	1.29E+00	1.29E+00
Phase 1	Retail/Hotel Truck TRU	HOTL-TRU	No	0	3.67E+00	3.67E+00
Phase 2	Other Trucks Onroad Exhaust	OTHR-EXH	No	0	0.00E+00	0.00E+00
Phase 2	Other Trucks Idling	OTHR-IDL	No	0	0.00E+00	0.00E+00
Phase 2	Other Trucks TRU	OTH-TRU	No	0	1.04E+01	1.04E+01

Total PM2.5

Phase	Sources	Source Group from AERMO	Variable Emissions?	Hours per day	lb/year	lb/year (adjusted)
Phase 1	Costco Delivery Trucks Idling	CSCO-IDL	Yes	10	4.23E-01	1.01E+00
Phase 1	Costco Emergency Generator	CSCO-GEN	Yes	10	1.54E+01	3.69E+01
Phase 1	Costco Delivery Truck Route Exhaust	DEL-EXH	Yes	10	6.60E-01	1.58E+00
Phase 1	Gas Station Delivery Truck Route Exhaust	DEL-EXH	Yes	13	3.96E-01	7.31E-01
Phase 1	Gas Station Truck Idling	GSTRKIDL	Yes	13	3.96E-01	7.31E-01
Phase 1	Gas Station Light-Duty Idling	LD-IDLE	Yes	13	1.64E+00	3.02E+00
Phase 1	Fedex Truck Idling	FDX-IDLE	Yes	7	1.65E+01	5.65E+01
Phase 1	Fedex Trucks Onroad Exhaust	FDX-EXH	Yes	7	5.54E+00	1.90E+01
Phase 1	Hotel Generator	HOTL-GEN	Yes	10	1.54E+01	3.69E+01
Phase 1	Costco TRU	CSCO-TRU	Yes	10	3.78E+00	9.06E+00
Phase 1	Fedex Trucks TRU	FDX-TRU	Yes	7	4.91E+01	1.68E+02
Phase 1	Lighty-Duty Cars Exhaust (Running/Start)	LD-EXH	No	0	1.74E+01	1.74E+01
Phase 1	Retail/Hotel Truck Route Exhaust	HOTL-EXH	No	0	4.14E-01	4.14E-01
Phase 1	Retail/Hotel Truck Idling	HOTL-IDL	No	0	1.23E+00	1.23E+00
Phase 1	Retail/Hotel Truck TRU	HOTL-TRU	No	0	3.67E+00	3.67E+00
Phase 2	Other Trucks Onroad Exhaust	OTHR-EXH	No	0	4.35E+00	4.35E+00
Phase 2	Other Trucks Idling	OTHR-IDL	No	0	1.74E+00	1.74E+00
Phase 2	Other Trucks TRU	OTH-TRU	No	0	1.04E+01	1.04E+01
Phase 2	Lighty-Duty Cars Exhaust (Running/Start)	LD-EXH	No	0	5.43E+00	5.43E+00

Table 18: Phase 1 Operational TOG Emissions Summary

TOG Type	Phase	Sources	Source Group	Variable Emissions?	Hours per day	lb/year	lb/year (adjusted)
Exhaust	Phase 1	Light-Duty Cars TOG Exhaust	LD-EXH	No	0	2.02E+03	2.02E+03
	Phase 1	Gas Station Light-Duty Idling	LD-IDLE	Yes	13	2.43E+01	4.48E+01
Evaporative	Phase 1	Light-Duty Cars TOG Evaporative	LD-EXH	No	0	1.87E+03	1.87E+03
	Phase 1	Gas Station Car Fueling	GAS-FUEL	Yes	13	1.97E+04	3.64E+04
	Phase 1	Gas Station Car Spillage	GAS-SPIL	Yes	13	1.12E+04	2.07E+04
	Phase 1	Gas Station Vent Pipes	GAS-VENT	No	0	2.90E+03	2.90E+03

Table 19: Phase 2 Sources' Operational Total Organic Gas Emissions Summary

Phase	Sources	Source Group	Variable Emissions?	Hours per day	lb/year	lb/year (adjusted)
Phase 2	Light-Duty Cars TOG Exhaust	LD-EXH	No	0	3.81E+02	3.81E+02
Phase 2	Light-Duty Cars TOG Evaporative	LD-EXH	No	0	4.84E+02	4.84E+02

A.2 Air Dispersion Modeling (AERMOD) for Health Risk Assessment

A.2.1 Construction Model Input File – Unit Emission Rate

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 11/12/2018
** File: V:\AERMOD\JC\JC.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Johnson Drive Construction HRA\Johnson Drive
   Co
   MODELOPT CONC FLAT ELEV ALPHA
   AVERTIME PERIOD
   URBANOPT 83007
   POLLUTID PM
   FLAGPOLE 1.80
   RUNORNOT RUN
   ERRORFIL JC.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PHASE1A      AREAPOLY   595482.721  4172715.515      100.580
** DESCRSRC PHASE1A
   LOCATION PHASE1B      AREAPOLY   595380.555  4172250.715       99.010
** DESCRSRC PHASE1B
   LOCATION PHASE2_1     AREAPOLY   595259.095  4172622.608       99.700
** DESCRSRC Phase 2-1
   LOCATION PHASE2_2     AREAPOLY   595344.500  4172358.844       99.430
** DESCRSRC Phase 2-2
   LOCATION PHASE2_3     AREAPOLY   595457.120  4172775.911       99.960
** DESCRSRC Phase 2-3
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = P1AHAUL
** DESCRSRC Phase 1A Haul Route
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 25
** 595205.803, 4172772.754, 99.52, 3.05, 6.23
** 595281.692, 4172518.834, 99.70, 3.05, 6.23
** 595339.477, 4172342.172, 99.21, 3.05, 6.23
** 595379.960, 4172230.641, 98.96, 3.05, 6.23
** 595409.117, 4172203.350, 99.18, 3.05, 6.23
** 595444.778, 4172184.544, 99.39, 3.05, 6.23
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** 595484.185, 4172166.455, 99.74, 3.05, 6.23
** 595517.349, 4172156.231, 99.84, 3.05, 6.23
** 595536.524, 4172151.921, 99.88, 3.05, 6.23
** 595575.061, 4172146.865, 100.17, 3.05, 6.23
** 595615.314, 4172143.852, 100.68, 3.05, 6.23
** 595645.986, 4172140.755, 100.85, 3.05, 6.23
** 595667.851, 4172132.292, 100.80, 3.05, 6.23
** 595676.917, 4172124.223, 100.73, 3.05, 6.23
** 595688.240, 4172102.425, 100.53, 3.05, 6.23
** 595689.641, 4172024.472, 100.41, 3.05, 6.23
** 595683.106, 4172015.136, 100.59, 3.05, 6.23
** 595544.003, 4172030.540, 101.24, 3.05, 6.23
** 595457.647, 4172045.477, 102.28, 3.05, 6.23
** 595410.035, 4172057.614, 94.32, 3.05, 6.23
** 595380.160, 4172077.219, 97.99, 3.05, 6.23
** 595352.620, 4172111.294, 101.15, 3.05, 6.23
** 595298.611, 4172249.635, 100.84, 3.05, 6.23
** 595248.982, 4172380.296, 101.14, 3.05, 6.23
** 595138.386, 4172719.278, 101.54, 3.05, 6.23
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   LOCATION L0003799     VOLUME   595207.721 4172766.334 99.48
   LOCATION L0003800     VOLUME   595211.558 4172753.495 99.60
   LOCATION L0003801     VOLUME   595215.396 4172740.656 99.41
   LOCATION L0003802     VOLUME   595219.233 4172727.818 99.59
   LOCATION L0003803     VOLUME   595223.070 4172714.979 99.52
   LOCATION L0003804     VOLUME   595226.907 4172702.140 99.65
   LOCATION L0003805     VOLUME   595230.744 4172689.301 99.58
   LOCATION L0003806     VOLUME   595234.581 4172676.462 99.65
   LOCATION L0003807     VOLUME   595238.419 4172663.623 99.70
   LOCATION L0003808     VOLUME   595242.256 4172650.784 99.65
   LOCATION L0003809     VOLUME   595246.093 4172637.946 99.69
   LOCATION L0003810     VOLUME   595249.930 4172625.107 99.70
   LOCATION L0003811     VOLUME   595253.767 4172612.268 99.74
   LOCATION L0003812     VOLUME   595257.604 4172599.429 99.72
   LOCATION L0003813     VOLUME   595261.442 4172586.590 99.82
   LOCATION L0003814     VOLUME   595265.279 4172573.751 99.73
   LOCATION L0003815     VOLUME   595269.116 4172560.912 99.88
   LOCATION L0003816     VOLUME   595272.953 4172548.074 99.67
   LOCATION L0003817     VOLUME   595276.790 4172535.235 99.79
   LOCATION L0003818     VOLUME   595280.627 4172522.396 99.59
   LOCATION L0003819     VOLUME   595284.702 4172509.631 99.77
   LOCATION L0003820     VOLUME   595288.868 4172496.895 99.55
   LOCATION L0003821     VOLUME   595293.034 4172484.159 99.83
   LOCATION L0003822     VOLUME   595297.200 4172471.423 99.53
   LOCATION L0003823     VOLUME   595301.366 4172458.687 99.66
   LOCATION L0003824     VOLUME   595305.532 4172445.951 99.53
   LOCATION L0003825     VOLUME   595309.697 4172433.215 99.67
   LOCATION L0003826     VOLUME   595313.863 4172420.479 99.56
   LOCATION L0003827     VOLUME   595318.029 4172407.743 99.62
   LOCATION L0003828     VOLUME   595322.195 4172395.007 99.49
   LOCATION L0003829     VOLUME   595326.361 4172382.271 99.52
   LOCATION L0003830     VOLUME   595330.527 4172369.536 99.34
   LOCATION L0003831     VOLUME   595334.693 4172356.800 99.46
   LOCATION L0003832     VOLUME   595338.859 4172344.064 99.42
   LOCATION L0003833     VOLUME   595343.370 4172331.447 99.48
   LOCATION L0003834     VOLUME   595347.942 4172318.851 99.35
   LOCATION L0003835     VOLUME   595352.514 4172306.255 99.34
   LOCATION L0003836     VOLUME   595357.086 4172293.659 99.23
   LOCATION L0003837     VOLUME   595361.658 4172281.063 99.16
   LOCATION L0003838     VOLUME   595366.230 4172268.467 99.07
   LOCATION L0003839     VOLUME   595370.802 4172255.871 99.05
   LOCATION L0003840     VOLUME   595375.374 4172243.275 98.99
   LOCATION L0003841     VOLUME   595379.946 4172230.680 99.04
   LOCATION L0003842     VOLUME   595389.713 4172221.512 99.10
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LOCATION	L0003843	VOLUME	595399.496	4172212.355	99.16
LOCATION	L0003844	VOLUME	595409.314	4172203.246	99.21
LOCATION	L0003845	VOLUME	595421.167	4172196.996	99.20
LOCATION	L0003846	VOLUME	595433.020	4172190.745	99.35
LOCATION	L0003847	VOLUME	595444.875	4172184.499	99.41
LOCATION	L0003848	VOLUME	595457.053	4172178.909	99.54
LOCATION	L0003849	VOLUME	595469.231	4172173.319	99.64
LOCATION	L0003850	VOLUME	595481.410	4172167.729	99.68
LOCATION	L0003851	VOLUME	595494.072	4172163.407	99.71
LOCATION	L0003852	VOLUME	595506.877	4172159.459	99.76
LOCATION	L0003853	VOLUME	595519.732	4172155.695	99.83
LOCATION	L0003854	VOLUME	595532.805	4172152.757	99.87
LOCATION	L0003855	VOLUME	595546.031	4172150.674	99.92
LOCATION	L0003856	VOLUME	595559.317	4172148.931	100.01
LOCATION	L0003857	VOLUME	595572.604	4172147.188	100.16
LOCATION	L0003858	VOLUME	595585.952	4172146.050	100.29
LOCATION	L0003859	VOLUME	595599.315	4172145.049	100.46
LOCATION	L0003860	VOLUME	595612.677	4172144.049	100.66
LOCATION	L0003861	VOLUME	595626.015	4172142.771	100.73
LOCATION	L0003862	VOLUME	595639.348	4172141.425	100.81
LOCATION	L0003863	VOLUME	595652.260	4172138.326	100.78
LOCATION	L0003864	VOLUME	595664.757	4172133.489	100.81
LOCATION	L0003865	VOLUME	595675.382	4172125.589	100.77
LOCATION	L0003866	VOLUME	595682.147	4172114.155	100.62
LOCATION	L0003867	VOLUME	595688.244	4172102.243	100.53
LOCATION	L0003868	VOLUME	595688.484	4172088.845	100.45
LOCATION	L0003869	VOLUME	595688.725	4172075.447	100.41
LOCATION	L0003870	VOLUME	595688.966	4172062.050	100.37
LOCATION	L0003871	VOLUME	595689.206	4172048.652	100.29
LOCATION	L0003872	VOLUME	595689.447	4172035.254	100.23
LOCATION	L0003873	VOLUME	595688.140	4172022.329	100.36
LOCATION	L0003874	VOLUME	595678.513	4172015.645	100.49
LOCATION	L0003875	VOLUME	595665.195	4172017.120	100.59
LOCATION	L0003876	VOLUME	595651.876	4172018.594	100.66
LOCATION	L0003877	VOLUME	595638.558	4172020.069	100.76
LOCATION	L0003878	VOLUME	595625.239	4172021.544	100.79
LOCATION	L0003879	VOLUME	595611.920	4172023.019	100.83
LOCATION	L0003880	VOLUME	595598.602	4172024.494	100.90
LOCATION	L0003881	VOLUME	595585.283	4172025.969	101.00
LOCATION	L0003882	VOLUME	595571.965	4172027.444	101.05
LOCATION	L0003883	VOLUME	595558.646	4172028.919	101.02
LOCATION	L0003884	VOLUME	595545.327	4172030.393	101.16
LOCATION	L0003885	VOLUME	595532.112	4172032.597	101.34
LOCATION	L0003886	VOLUME	595518.908	4172034.881	101.58
LOCATION	L0003887	VOLUME	595505.704	4172037.165	101.90
LOCATION	L0003888	VOLUME	595492.500	4172039.449	102.15
LOCATION	L0003889	VOLUME	595479.296	4172041.733	102.02
LOCATION	L0003890	VOLUME	595466.093	4172044.017	102.15
LOCATION	L0003891	VOLUME	595452.968	4172046.670	102.47
LOCATION	L0003892	VOLUME	595439.983	4172049.980	101.68
LOCATION	L0003893	VOLUME	595426.998	4172053.290	97.60
LOCATION	L0003894	VOLUME	595414.013	4172056.600	94.06
LOCATION	L0003895	VOLUME	595402.264	4172062.713	93.46
LOCATION	L0003896	VOLUME	595391.061	4172070.065	95.90
LOCATION	L0003897	VOLUME	595379.933	4172077.500	98.72
LOCATION	L0003898	VOLUME	595371.510	4172087.922	101.24
LOCATION	L0003899	VOLUME	595363.087	4172098.344	101.19
LOCATION	L0003900	VOLUME	595354.664	4172108.765	101.07
LOCATION	L0003901	VOLUME	595348.929	4172120.748	100.68
LOCATION	L0003902	VOLUME	595344.056	4172133.230	100.60
LOCATION	L0003903	VOLUME	595339.183	4172145.713	100.39
LOCATION	L0003904	VOLUME	595334.310	4172158.195	100.32
LOCATION	L0003905	VOLUME	595329.436	4172170.677	100.31
LOCATION	L0003906	VOLUME	595324.563	4172183.160	100.36

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   LOCATION L0003907     VOLUME   595319.690 4172195.642 100.44
   LOCATION L0003908     VOLUME   595314.817 4172208.125 100.58
   LOCATION L0003909     VOLUME   595309.944 4172220.607 100.69
   LOCATION L0003910     VOLUME   595305.070 4172233.090 100.72
   LOCATION L0003911     VOLUME   595300.197 4172245.572 100.76
   LOCATION L0003912     VOLUME   595295.402 4172258.085 100.78
   LOCATION L0003913     VOLUME   595290.644 4172270.611 100.83
   LOCATION L0003914     VOLUME   595285.886 4172283.138 100.84
   LOCATION L0003915     VOLUME   595281.128 4172295.665 100.85
   LOCATION L0003916     VOLUME   595276.369 4172308.192 100.89
   LOCATION L0003917     VOLUME   595271.611 4172320.719 100.93
   LOCATION L0003918     VOLUME   595266.853 4172333.245 100.98
   LOCATION L0003919     VOLUME   595262.095 4172345.772 101.01
   LOCATION L0003920     VOLUME   595257.337 4172358.299 101.04
   LOCATION L0003921     VOLUME   595252.579 4172370.826 101.05
   LOCATION L0003922     VOLUME   595247.968 4172383.405 101.10
   LOCATION L0003923     VOLUME   595243.812 4172396.144 101.16
   LOCATION L0003924     VOLUME   595239.656 4172408.883 101.15
   LOCATION L0003925     VOLUME   595235.499 4172421.622 101.18
   LOCATION L0003926     VOLUME   595231.343 4172434.361 101.18
   LOCATION L0003927     VOLUME   595227.187 4172447.100 101.20
   LOCATION L0003928     VOLUME   595223.030 4172459.839 101.24
   LOCATION L0003929     VOLUME   595218.874 4172472.578 101.26
   LOCATION L0003930     VOLUME   595214.718 4172485.318 101.27
   LOCATION L0003931     VOLUME   595210.562 4172498.057 101.27
   LOCATION L0003932     VOLUME   595206.405 4172510.796 101.29
   LOCATION L0003933     VOLUME   595202.249 4172523.535 101.28
   LOCATION L0003934     VOLUME   595198.093 4172536.274 101.30
   LOCATION L0003935     VOLUME   595193.937 4172549.013 101.36
   LOCATION L0003936     VOLUME   595189.780 4172561.752 101.33
   LOCATION L0003937     VOLUME   595185.624 4172574.492 101.34
   LOCATION L0003938     VOLUME   595181.468 4172587.231 101.37
   LOCATION L0003939     VOLUME   595177.312 4172599.970 101.29
   LOCATION L0003940     VOLUME   595173.155 4172612.709 101.37
   LOCATION L0003941     VOLUME   595168.999 4172625.448 101.35
   LOCATION L0003942     VOLUME   595164.843 4172638.187 101.42
   LOCATION L0003943     VOLUME   595160.687 4172650.926 101.48
   LOCATION L0003944     VOLUME   595156.530 4172663.665 101.44
   LOCATION L0003945     VOLUME   595152.374 4172676.405 101.46
   LOCATION L0003946     VOLUME   595148.218 4172689.144 101.46
   LOCATION L0003947     VOLUME   595144.062 4172701.883 101.48
   LOCATION L0003948     VOLUME   595139.905 4172714.622 101.48
** End of LINE VOLUME Source ID = P1AHAUL
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = P1B2HAUL
** DESCRSRC Phase 1B and Phase 2 Haul Route
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 25
** 595205.803, 4172772.754, 99.52, 3.05, 6.23
** 595281.692, 4172518.834, 99.70, 3.05, 6.23
** 595339.477, 4172342.172, 99.21, 3.05, 6.23
** 595379.960, 4172230.641, 98.96, 3.05, 6.23
** 595409.117, 4172203.350, 99.18, 3.05, 6.23
** 595444.778, 4172184.544, 99.39, 3.05, 6.23
** 595484.185, 4172166.455, 99.74, 3.05, 6.23
** 595517.349, 4172156.231, 99.84, 3.05, 6.23
** 595536.524, 4172151.921, 99.88, 3.05, 6.23
** 595575.061, 4172146.865, 100.17, 3.05, 6.23
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** 595615.314, 4172143.852, 100.68, 3.05, 6.23
** 595645.986, 4172140.755, 100.85, 3.05, 6.23
** 595667.851, 4172132.292, 100.80, 3.05, 6.23
** 595676.917, 4172124.223, 100.73, 3.05, 6.23
** 595688.240, 4172102.425, 100.53, 3.05, 6.23
** 595689.641, 4172024.472, 100.41, 3.05, 6.23
** 595683.106, 4172015.136, 100.59, 3.05, 6.23
** 595544.003, 4172030.540, 101.24, 3.05, 6.23
** 595457.647, 4172045.477, 102.28, 3.05, 6.23
** 595410.035, 4172057.614, 94.32, 3.05, 6.23
** 595380.160, 4172077.219, 97.99, 3.05, 6.23
** 595352.620, 4172111.294, 101.15, 3.05, 6.23
** 595298.611, 4172249.635, 100.84, 3.05, 6.23
** 595248.982, 4172380.296, 101.14, 3.05, 6.23
** 595138.386, 4172719.278, 101.54, 3.05, 6.23
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   LOCATION L0004156     VOLUME   595211.558 4172753.495 99.53
   LOCATION L0004157     VOLUME   595215.396 4172740.656 99.54
   LOCATION L0004158     VOLUME   595219.233 4172727.818 99.55
   LOCATION L0004159     VOLUME   595223.070 4172714.979 99.56
   LOCATION L0004160     VOLUME   595226.907 4172702.140 99.57
   LOCATION L0004161     VOLUME   595230.744 4172689.301 99.58
   LOCATION L0004162     VOLUME   595234.581 4172676.462 99.59
   LOCATION L0004163     VOLUME   595238.419 4172663.623 99.60
   LOCATION L0004164     VOLUME   595242.256 4172650.784 99.61
   LOCATION L0004165     VOLUME   595246.093 4172637.946 99.62
   LOCATION L0004166     VOLUME   595249.930 4172625.107 99.62
   LOCATION L0004167     VOLUME   595253.767 4172612.268 99.63
   LOCATION L0004168     VOLUME   595257.604 4172599.429 99.64
   LOCATION L0004169     VOLUME   595261.442 4172586.590 99.65
   LOCATION L0004170     VOLUME   595265.279 4172573.751 99.66
   LOCATION L0004171     VOLUME   595269.116 4172560.912 99.67
   LOCATION L0004172     VOLUME   595272.953 4172548.074 99.68
   LOCATION L0004173     VOLUME   595276.790 4172535.235 99.69
   LOCATION L0004174     VOLUME   595280.627 4172522.396 99.70
   LOCATION L0004175     VOLUME   595284.702 4172509.631 99.67
   LOCATION L0004176     VOLUME   595288.868 4172496.895 99.64
   LOCATION L0004177     VOLUME   595293.034 4172484.159 99.60
   LOCATION L0004178     VOLUME   595297.200 4172471.423 99.57
   LOCATION L0004179     VOLUME   595301.366 4172458.687 99.53
   LOCATION L0004180     VOLUME   595305.532 4172445.951 99.50
   LOCATION L0004181     VOLUME   595309.697 4172433.215 99.46
   LOCATION L0004182     VOLUME   595313.863 4172420.479 99.43
   LOCATION L0004183     VOLUME   595318.029 4172407.743 99.39
   LOCATION L0004184     VOLUME   595322.195 4172395.007 99.36
   LOCATION L0004185     VOLUME   595326.361 4172382.271 99.32
   LOCATION L0004186     VOLUME   595330.527 4172369.536 99.29
   LOCATION L0004187     VOLUME   595334.693 4172356.800 99.25
   LOCATION L0004188     VOLUME   595338.859 4172344.064 99.22
   LOCATION L0004189     VOLUME   595343.370 4172331.447 99.19
   LOCATION L0004190     VOLUME   595347.942 4172318.851 99.16
   LOCATION L0004191     VOLUME   595352.514 4172306.255 99.13
   LOCATION L0004192     VOLUME   595357.086 4172293.659 99.10
   LOCATION L0004193     VOLUME   595361.658 4172281.063 99.07
   LOCATION L0004194     VOLUME   595366.230 4172268.467 99.04
   LOCATION L0004195     VOLUME   595370.802 4172255.871 99.02
   LOCATION L0004196     VOLUME   595375.374 4172243.275 98.99
   LOCATION L0004197     VOLUME   595379.946 4172230.680 98.96
   LOCATION L0004198     VOLUME   595389.713 4172221.512 99.03
   LOCATION L0004199     VOLUME   595399.496 4172212.355 99.11
   LOCATION L0004200     VOLUME   595409.314 4172203.246 99.18
   LOCATION L0004201     VOLUME   595421.167 4172196.996 99.25
   LOCATION L0004202     VOLUME   595433.020 4172190.745 99.32
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LOCATION	L0004203	VOLUME	595444.875	4172184.499	99.39
LOCATION	L0004204	VOLUME	595457.053	4172178.909	99.50
LOCATION	L0004205	VOLUME	595469.231	4172173.319	99.61
LOCATION	L0004206	VOLUME	595481.410	4172167.729	99.72
LOCATION	L0004207	VOLUME	595494.072	4172163.407	99.77
LOCATION	L0004208	VOLUME	595506.877	4172159.459	99.81
LOCATION	L0004209	VOLUME	595519.732	4172155.695	99.84
LOCATION	L0004210	VOLUME	595532.805	4172152.757	99.87
LOCATION	L0004211	VOLUME	595546.031	4172150.674	99.95
LOCATION	L0004212	VOLUME	595559.317	4172148.931	100.05
LOCATION	L0004213	VOLUME	595572.604	4172147.188	100.15
LOCATION	L0004214	VOLUME	595585.952	4172146.050	100.31
LOCATION	L0004215	VOLUME	595599.315	4172145.049	100.48
LOCATION	L0004216	VOLUME	595612.677	4172144.049	100.65
LOCATION	L0004217	VOLUME	595626.015	4172142.771	100.74
LOCATION	L0004218	VOLUME	595639.348	4172141.425	100.81
LOCATION	L0004219	VOLUME	595652.260	4172138.326	100.84
LOCATION	L0004220	VOLUME	595664.757	4172133.489	100.81
LOCATION	L0004221	VOLUME	595675.382	4172125.589	100.74
LOCATION	L0004222	VOLUME	595682.147	4172114.155	100.64
LOCATION	L0004223	VOLUME	595688.244	4172102.243	100.53
LOCATION	L0004224	VOLUME	595688.484	4172088.845	100.51
LOCATION	L0004225	VOLUME	595688.725	4172075.447	100.49
LOCATION	L0004226	VOLUME	595688.966	4172062.050	100.47
LOCATION	L0004227	VOLUME	595689.206	4172048.652	100.45
LOCATION	L0004228	VOLUME	595689.447	4172035.254	100.43
LOCATION	L0004229	VOLUME	595688.140	4172022.329	100.45
LOCATION	L0004230	VOLUME	595678.513	4172015.645	100.61
LOCATION	L0004231	VOLUME	595665.195	4172017.120	100.67
LOCATION	L0004232	VOLUME	595651.876	4172018.594	100.74
LOCATION	L0004233	VOLUME	595638.558	4172020.069	100.80
LOCATION	L0004234	VOLUME	595625.239	4172021.544	100.86
LOCATION	L0004235	VOLUME	595611.920	4172023.019	100.92
LOCATION	L0004236	VOLUME	595598.602	4172024.494	100.98
LOCATION	L0004237	VOLUME	595585.283	4172025.969	101.05
LOCATION	L0004238	VOLUME	595571.965	4172027.444	101.11
LOCATION	L0004239	VOLUME	595558.646	4172028.919	101.17
LOCATION	L0004240	VOLUME	595545.327	4172030.393	101.23
LOCATION	L0004241	VOLUME	595532.112	4172032.597	101.38
LOCATION	L0004242	VOLUME	595518.908	4172034.881	101.54
LOCATION	L0004243	VOLUME	595505.704	4172037.165	101.70
LOCATION	L0004244	VOLUME	595492.500	4172039.449	101.86
LOCATION	L0004245	VOLUME	595479.296	4172041.733	102.02
LOCATION	L0004246	VOLUME	595466.093	4172044.017	102.18
LOCATION	L0004247	VOLUME	595452.968	4172046.670	101.50
LOCATION	L0004248	VOLUME	595439.983	4172049.980	99.33
LOCATION	L0004249	VOLUME	595426.998	4172053.290	97.16
LOCATION	L0004250	VOLUME	595414.013	4172056.600	94.99
LOCATION	L0004251	VOLUME	595402.264	4172062.713	95.27
LOCATION	L0004252	VOLUME	595391.061	4172070.065	96.65
LOCATION	L0004253	VOLUME	595379.933	4172077.500	98.02
LOCATION	L0004254	VOLUME	595371.510	4172087.922	98.98
LOCATION	L0004255	VOLUME	595363.087	4172098.344	99.95
LOCATION	L0004256	VOLUME	595354.664	4172108.765	100.92
LOCATION	L0004257	VOLUME	595348.929	4172120.748	101.13
LOCATION	L0004258	VOLUME	595344.056	4172133.230	101.10
LOCATION	L0004259	VOLUME	595339.183	4172145.713	101.07
LOCATION	L0004260	VOLUME	595334.310	4172158.195	101.04
LOCATION	L0004261	VOLUME	595329.436	4172170.677	101.02
LOCATION	L0004262	VOLUME	595324.563	4172183.160	100.99
LOCATION	L0004263	VOLUME	595319.690	4172195.642	100.96
LOCATION	L0004264	VOLUME	595314.817	4172208.125	100.93
LOCATION	L0004265	VOLUME	595309.944	4172220.607	100.91
LOCATION	L0004266	VOLUME	595305.070	4172233.090	100.88

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   LOCATION L0004267     VOLUME   595300.197 4172245.572 100.85
   LOCATION L0004268     VOLUME   595295.402 4172258.085 100.86
   LOCATION L0004269     VOLUME   595290.644 4172270.611 100.89
   LOCATION L0004270     VOLUME   595285.886 4172283.138 100.92
   LOCATION L0004271     VOLUME   595281.128 4172295.665 100.95
   LOCATION L0004272     VOLUME   595276.369 4172308.192 100.97
   LOCATION L0004273     VOLUME   595271.611 4172320.719 101.00
   LOCATION L0004274     VOLUME   595266.853 4172333.245 101.03
   LOCATION L0004275     VOLUME   595262.095 4172345.772 101.06
   LOCATION L0004276     VOLUME   595257.337 4172358.299 101.09
   LOCATION L0004277     VOLUME   595252.579 4172370.826 101.12
   LOCATION L0004278     VOLUME   595247.968 4172383.405 101.14
   LOCATION L0004279     VOLUME   595243.812 4172396.144 101.16
   LOCATION L0004280     VOLUME   595239.656 4172408.883 101.17
   LOCATION L0004281     VOLUME   595235.499 4172421.622 101.19
   LOCATION L0004282     VOLUME   595231.343 4172434.361 101.20
   LOCATION L0004283     VOLUME   595227.187 4172447.100 101.22
   LOCATION L0004284     VOLUME   595223.030 4172459.839 101.23
   LOCATION L0004285     VOLUME   595218.874 4172472.578 101.25
   LOCATION L0004286     VOLUME   595214.718 4172485.318 101.26
   LOCATION L0004287     VOLUME   595210.562 4172498.057 101.28
   LOCATION L0004288     VOLUME   595206.405 4172510.796 101.29
   LOCATION L0004289     VOLUME   595202.249 4172523.535 101.31
   LOCATION L0004290     VOLUME   595198.093 4172536.274 101.32
   LOCATION L0004291     VOLUME   595193.937 4172549.013 101.34
   LOCATION L0004292     VOLUME   595189.780 4172561.752 101.35
   LOCATION L0004293     VOLUME   595185.624 4172574.492 101.37
   LOCATION L0004294     VOLUME   595181.468 4172587.231 101.38
   LOCATION L0004295     VOLUME   595177.312 4172599.970 101.40
   LOCATION L0004296     VOLUME   595173.155 4172612.709 101.41
   LOCATION L0004297     VOLUME   595168.999 4172625.448 101.43
   LOCATION L0004298     VOLUME   595164.843 4172638.187 101.44
   LOCATION L0004299     VOLUME   595160.687 4172650.926 101.46
   LOCATION L0004300     VOLUME   595156.530 4172663.665 101.47
   LOCATION L0004301     VOLUME   595152.374 4172676.405 101.49
   LOCATION L0004302     VOLUME   595148.218 4172689.144 101.50
   LOCATION L0004303     VOLUME   595144.062 4172701.883 101.52
   LOCATION L0004304     VOLUME   595139.905 4172714.622 101.53
** End of LINE VOLUME Source ID = P1B2HAUL
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PHASE2_1IDLE
** DESCRSRC Phase 2-1 Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.32
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595161.737, 4172933.155, 100.16, 3.05, 4.65
** 595235.276, 4172688.723, 99.59, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0003964     VOLUME   595163.177 4172928.367 100.16
   LOCATION L0003965     VOLUME   595166.058 4172918.791 100.16
   LOCATION L0003966     VOLUME   595168.939 4172909.215 100.09
   LOCATION L0003967     VOLUME   595171.820 4172899.639 100.04
   LOCATION L0003968     VOLUME   595174.701 4172890.063 100.04
   LOCATION L0003969     VOLUME   595177.582 4172880.487 100.04
   LOCATION L0003970     VOLUME   595180.463 4172870.911 100.02
   LOCATION L0003971     VOLUME   595183.344 4172861.335 100.00
   LOCATION L0003972     VOLUME   595186.225 4172851.759 99.90
   LOCATION L0003973     VOLUME   595189.106 4172842.183 99.85
   LOCATION L0003974     VOLUME   595191.987 4172832.607 99.85
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   LOCATION L0003975     VOLUME   595194.868 4172823.031 99.76
   LOCATION L0003976     VOLUME   595197.749 4172813.455 99.71
   LOCATION L0003977     VOLUME   595200.630 4172803.879 99.68
   LOCATION L0003978     VOLUME   595203.511 4172794.303 99.63
   LOCATION L0003979     VOLUME   595206.392 4172784.727 99.58
   LOCATION L0003980     VOLUME   595209.273 4172775.151 99.54
   LOCATION L0003981     VOLUME   595212.154 4172765.575 99.47
   LOCATION L0003982     VOLUME   595215.035 4172755.999 99.45
   LOCATION L0003983     VOLUME   595217.916 4172746.423 99.40
   LOCATION L0003984     VOLUME   595220.797 4172736.847 99.41
   LOCATION L0003985     VOLUME   595223.678 4172727.271 99.46
   LOCATION L0003986     VOLUME   595226.559 4172717.695 99.47
   LOCATION L0003987     VOLUME   595229.440 4172708.119 99.52
   LOCATION L0003988     VOLUME   595232.321 4172698.543 99.51
   LOCATION L0003989     VOLUME   595235.202 4172688.967 99.53
** End of LINE VOLUME Source ID = PHASE2 1IDLE
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PHASE2_2IDLE
** DESCRSRC Phase 2-2 Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.34
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595342.954, 4172356.042, 99.45, 3.05, 4.65
** 595375.567, 4172258.202, 99.00, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0003990     VOLUME   595344.535 4172351.299 99.43
   LOCATION L0003991     VOLUME   595347.697 4172341.812 99.44
   LOCATION L0003992     VOLUME   595350.860 4172332.325 99.45
   LOCATION L0003993     VOLUME   595354.022 4172322.838 99.38
   LOCATION L0003994     VOLUME   595357.184 4172313.352 99.35
   LOCATION L0003995     VOLUME   595360.346 4172303.865 99.28
   LOCATION L0003996     VOLUME   595363.509 4172294.378 99.20
   LOCATION L0003997     VOLUME   595366.671 4172284.891 99.13
   LOCATION L0003998     VOLUME   595369.833 4172275.404 99.06
   LOCATION L0003999     VOLUME   595372.995 4172265.917 99.00
** End of LINE VOLUME Source ID = PHASE2 2IDLE
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PHASE1B_IDLE
** DESCRSRC Phase 1B Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 3
** 595400.428, 4172219.630, 99.14, 3.05, 4.65
** 595499.866, 4172167.900, 99.74, 3.05, 4.65
** 595582.635, 4172153.530, 100.30, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0003713     VOLUME   595404.864 4172217.323 99.22
   LOCATION L0003714     VOLUME   595413.735 4172212.708 99.25
   LOCATION L0003715     VOLUME   595422.607 4172208.093 99.34
   LOCATION L0003716     VOLUME   595431.478 4172203.477 99.35
   LOCATION L0003717     VOLUME   595440.349 4172198.862 99.46
   LOCATION L0003718     VOLUME   595449.221 4172194.247 99.44
   LOCATION L0003719     VOLUME   595458.092 4172189.632 99.53
   LOCATION L0003720     VOLUME   595466.963 4172185.017 99.53
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   LOCATION L0003721     VOLUME   595475.835 4172180.402 99.67
   LOCATION L0003722     VOLUME   595484.706 4172175.787 99.66
   LOCATION L0003723     VOLUME   595493.577 4172171.171 99.67
   LOCATION L0003724     VOLUME   595502.734 4172167.402 99.74
   LOCATION L0003725     VOLUME   595512.587 4172165.691 99.74
   LOCATION L0003726     VOLUME   595522.439 4172163.981 99.85
   LOCATION L0003727     VOLUME   595532.292 4172162.270 100.29
   LOCATION L0003728     VOLUME   595542.145 4172160.560 100.34
   LOCATION L0003729     VOLUME   595551.997 4172158.849 100.29
   LOCATION L0003730     VOLUME   595561.850 4172157.139 100.22
   LOCATION L0003731     VOLUME   595571.702 4172155.428 100.24
   LOCATION L0003732     VOLUME   595581.555 4172153.718 100.31
** End of LINE VOLUME Source ID = PHASE1B_IDLE
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PHASE1A_IDLE
** DESCRSRC Phase 1A-Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595260.354, 4172612.326, 99.73, 3.05, 4.65
** 595338.137, 4172371.537, 99.39, 3.05, 4.65
** ----------------------------------------------------------------
   LOCATION L0003733     VOLUME   595261.891 4172607.568 99.72
   LOCATION L0003734     VOLUME   595264.965 4172598.052 99.80
   LOCATION L0003735     VOLUME   595268.039 4172588.536 99.86
   LOCATION L0003736     VOLUME   595271.112 4172579.020 99.84
   LOCATION L0003737     VOLUME   595274.186 4172569.504 99.90
   LOCATION L0003738     VOLUME   595277.260 4172559.989 99.85
   LOCATION L0003739     VOLUME   595280.334 4172550.473 99.80
   LOCATION L0003740     VOLUME   595283.408 4172540.957 99.83
   LOCATION L0003741     VOLUME   595286.482 4172531.441 99.75
   LOCATION L0003742     VOLUME   595289.556 4172521.925 99.74
   LOCATION L0003743     VOLUME   595292.630 4172512.409 99.69
   LOCATION L0003744     VOLUME   595295.704 4172502.894 99.63
   LOCATION L0003745     VOLUME   595298.778 4172493.378 99.61
   LOCATION L0003746     VOLUME   595301.852 4172483.862 99.60
   LOCATION L0003747     VOLUME   595304.926 4172474.346 99.60
   LOCATION L0003748     VOLUME   595308.000 4172464.830 99.64
   LOCATION L0003749     VOLUME   595311.074 4172455.314 99.65
   LOCATION L0003750     VOLUME   595314.148 4172445.799 99.66
   LOCATION L0003751     VOLUME   595317.221 4172436.283 99.73
   LOCATION L0003752     VOLUME   595320.295 4172426.767 99.64
   LOCATION L0003753     VOLUME   595323.369 4172417.251 99.59
   LOCATION L0003754     VOLUME   595326.443 4172407.735 99.54
   LOCATION L0003755     VOLUME   595329.517 4172398.219 99.47
   LOCATION L0003756     VOLUME   595332.591 4172388.704 99.40
   LOCATION L0003757     VOLUME   595335.665 4172379.188 99.38
** End of LINE VOLUME Source ID = PHASE1A_IDLE
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PHASE2_3IDLE
** DESCRSRC Phase 2-3 Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.05
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
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** 595452.539, 4172776.925, 99.87, 3.05, 4.65
** 595501.483, 4172797.971, 99.87, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0004000     VOLUME   595457.132 4172778.900 99.87
   LOCATION L0004001     VOLUME   595466.319 4172782.850 99.91
   LOCATION L0004002     VOLUME   595475.506 4172786.801 99.84
   LOCATION L0004003     VOLUME   595484.693 4172790.751 99.88
   LOCATION L0004004     VOLUME   595493.879 4172794.701 99.89
** End of LINE VOLUME Source ID = PHASE2_3IDLE
   LOCATION PHASE2_4     AREAPOLY   595601.560  4172136.009      100.470
** DESCRSRC Phase 2-4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PHASE2_4IDLE
** DESCRSRC Phase 2-4 Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.3
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 4
** 595446.596, 4172177.899, 99.60, 3.05, 4.65
** 595492.896, 4172158.256, 99.79, 3.05, 4.65
** 595527.270, 4172147.734, 99.97, 3.05, 4.65
** 595593.212, 4172138.614, 100.36, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0003949     VOLUME   595451.199 4172175.946 99.58
   LOCATION L0003950     VOLUME   595460.405 4172172.040 99.59
   LOCATION L0003951     VOLUME   595469.611 4172168.135 99.69
   LOCATION L0003952     VOLUME   595478.817 4172164.229 99.74
   LOCATION L0003953     VOLUME   595488.022 4172160.324 99.73
   LOCATION L0003954     VOLUME   595497.396 4172156.879 99.75
   LOCATION L0003955     VOLUME   595506.958 4172153.952 99.76
   LOCATION L0003956     VOLUME   595516.520 4172151.024 99.86
   LOCATION L0003957     VOLUME   595526.082 4172148.097 99.89
   LOCATION L0003958     VOLUME   595535.945 4172146.534 99.89
   LOCATION L0003959     VOLUME   595545.851 4172145.164 99.93
   LOCATION L0003960     VOLUME   595555.756 4172143.794 99.99
   LOCATION L0003961     VOLUME   595565.662 4172142.424 100.08
   LOCATION L0003962     VOLUME   595575.568 4172141.054 100.20
   LOCATION L0003963     VOLUME   595585.473 4172139.684 100.30
** End of LINE VOLUME Source ID = PHASE2_4IDLE
** Source Parameters **
   SRCPARAM PHASE1A      0.0000148621     5.000         9     1.400
   AREAVERT PHASE1A      595482.721 4172715.515 595456.027 4172775.648
   AREAVERT PHASE1A      595316.819 4172712.803 595342.289 4172652.803
   AREAVERT PHASE1A      595259.736 4172621.477 595344.458 4172359.740
   AREAVERT PHASE1A      595535.447 4172424.275 595497.098 4172569.116
   AREAVERT PHASE1A      595439.885 4172696.170
   SRCPARAM PHASE1B      0.0000487364     5.000         8     1.400
   AREAVERT PHASE1B      595380.555 4172250.715 595564.280 4172311.168
   AREAVERT PHASE1B      595605.519 4172153.963 595549.482 4172158.253
   AREAVERT PHASE1B      595509.533 4172165.760 595435.264 4172198.739
   AREAVERT PHASE1B      595402.554 4172218.579 595384.858 4172239.493
   SRCPARAM PHASE2_1     0.0000149242     5.000         9     1.400
   AREAVERT PHASE2_1     595259.095 4172622.608 595341.217 4172653.107
   AREAVERT PHASE2_1     595315.492 4172712.243 595293.559 4172703.167
   AREAVERT PHASE2_1     595215.714 4172907.475 595270.264 4172931.495
   AREAVERT PHASE2_1     595258.784 4172955.785 595229.158 4172978.117
   AREAVERT PHASE2_1     595160.354 4172947.524
   SRCPARAM PHASE2_2     0.0000150243     5.000         4     1.400
   AREAVERT PHASE2_2     595344.500 4172358.844 595380.301 4172251.255
   AREAVERT PHASE2_2     595564.271 4172311.489 595535.323 4172423.792
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   SRCPARAM PHASE2_3     0.0000151575     5.000         4     1.400
   AREAVERT PHASE2_3     595457.120 4172775.911 595503.011 4172795.885
   AREAVERT PHASE2_3     595530.578 4172737.118 595484.090 4172716.065
** LINE VOLUME Source ID = P1AHAUL
   SRCPARAM L0003799     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003800     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003801     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003802     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003803     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003804     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003805     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003806     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003807     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003808     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003809     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003810     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003811     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003812     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003813     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003814     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003815     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003816     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003817     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003818     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003819     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003820     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003821     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003822     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003823     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003824     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003825     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003826     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003827     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003828     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003829     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003830     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003831     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003832     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003833     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003834     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003835     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003836     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003837     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003838     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003839     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003840     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003841     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003842     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003843     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003844     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003845     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003846     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003847     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003848     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003849     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003850     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003851     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003852     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003853     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003854     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003855     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003856     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003857     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003858     0.0066666667      3.05      6.23      2.84
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SRCPARAM L0003859     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003860     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003861     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003862     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003863     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003864     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003865     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003866     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003867     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003868     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003869     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003870     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003871     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003872     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003873     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003874     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003875     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003876     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003877     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003878     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003879     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003880     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003881     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003882     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003883     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003884     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003885     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003886     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003887     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003888     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003889     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003890     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003891     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003892     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003893     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003894     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003895     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003896     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003897     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003898     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003899     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003900     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003901     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003902     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003903     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003904     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003905     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003906     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003907     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003908     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003909     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003910     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003911     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003912     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003913     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003914     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003915     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003916     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003917     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003918     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003919     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003920     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003921     0.0066666667      3.05      6.23      2.84
SRCPARAM L0003922     0.0066666667      3.05      6.23      2.84
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   SRCPARAM L0003923     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003924     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003925     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003926     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003927     0.0066666667      3.05      6.23      2.84
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   SRCPARAM L0003929     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003930     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003931     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003932     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003933     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003934     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003935     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003936     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003937     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003938     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003939     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003940     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003941     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003942     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003943     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003944     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003945     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003946     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003947     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0003948     0.0066666667      3.05      6.23      2.84
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** LINE VOLUME Source ID = P1B2HAUL
   SRCPARAM L0004155     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004156     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004157     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004158     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004159     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004160     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004161     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004162     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004163     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004164     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004165     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004166     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004167     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004168     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004169     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004170     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004171     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004172     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004173     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004174     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004175     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004176     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004177     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004178     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004179     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004180     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004181     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004182     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004183     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004184     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004185     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004186     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004187     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004188     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004189     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004190     0.0066666667      3.05      6.23      2.84
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SRCPARAM L0004191     0.0066666667      3.05      6.23      2.84
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SRCPARAM L0004193     0.0066666667      3.05      6.23      2.84
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SRCPARAM L0004195     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004196     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004197     0.0066666667      3.05      6.23      2.84
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SRCPARAM L0004200     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004201     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004202     0.0066666667      3.05      6.23      2.84
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SRCPARAM L0004204     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004205     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004206     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004207     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004208     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004209     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004210     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004211     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004212     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004213     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004214     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004215     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004216     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004217     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004218     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004219     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004220     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004221     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004222     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004223     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004224     0.0066666667      3.05      6.23      2.84
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SRCPARAM L0004226     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004227     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004228     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004229     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004230     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004231     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004232     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004233     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004234     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004235     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004236     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004237     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004238     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004239     0.0066666667      3.05      6.23      2.84
SRCPARAM L0004240     0.0066666667      3.05      6.23      2.84
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SRCPARAM L0004247     0.0066666667      3.05      6.23      2.84
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SRCPARAM L0004254     0.0066666667      3.05      6.23      2.84
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   SRCPARAM L0004255     0.0066666667      3.05      6.23      2.84
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   SRCPARAM L0004258     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004259     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004260     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004261     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004262     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004263     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004264     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004265     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004266     0.0066666667      3.05      6.23      2.84
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   SRCPARAM L0004269     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004270     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004271     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004272     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004273     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004274     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004275     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004276     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004277     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004278     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004279     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004280     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004281     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004282     0.0066666667      3.05      6.23      2.84
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   SRCPARAM L0004290     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004291     0.0066666667      3.05      6.23      2.84
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   SRCPARAM L0004297     0.0066666667      3.05      6.23      2.84
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   SRCPARAM L0004299     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004300     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004301     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004302     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004303     0.0066666667      3.05      6.23      2.84
   SRCPARAM L0004304     0.0066666667      3.05      6.23      2.84
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** LINE VOLUME Source ID = PHASE2_1IDLE
   SRCPARAM L0003964     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003965     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003966     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003967     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003968     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003969     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003970     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003971     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003972     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003973     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003974     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003975     0.0123076923      3.05      4.65      2.84
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   SRCPARAM L0003976     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003977     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003978     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003979     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003980     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003981     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003982     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003983     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003984     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003985     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003986     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003987     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003988     0.0123076923      3.05      4.65      2.84
   SRCPARAM L0003989     0.0123076923      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = PHASE2 2IDLE
   SRCPARAM L0003990          0.034      3.05      4.65      2.84
   SRCPARAM L0003991          0.034      3.05      4.65      2.84
   SRCPARAM L0003992          0.034      3.05      4.65      2.84
   SRCPARAM L0003993          0.034      3.05      4.65      2.84
   SRCPARAM L0003994          0.034      3.05      4.65      2.84
   SRCPARAM L0003995          0.034      3.05      4.65      2.84
   SRCPARAM L0003996          0.034      3.05      4.65      2.84
   SRCPARAM L0003997          0.034      3.05      4.65      2.84
   SRCPARAM L0003998          0.034      3.05      4.65      2.84
   SRCPARAM L0003999          0.034      3.05      4.65      2.84
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** LINE VOLUME Source ID = PHASE1B_IDLE
   SRCPARAM L0003713           0.05      3.05      4.65      2.84
   SRCPARAM L0003714           0.05      3.05      4.65      2.84
   SRCPARAM L0003715           0.05      3.05      4.65      2.84
   SRCPARAM L0003716           0.05      3.05      4.65      2.84
   SRCPARAM L0003717           0.05      3.05      4.65      2.84
   SRCPARAM L0003718           0.05      3.05      4.65      2.84
   SRCPARAM L0003719           0.05      3.05      4.65      2.84
   SRCPARAM L0003720           0.05      3.05      4.65      2.84
   SRCPARAM L0003721           0.05      3.05      4.65      2.84
   SRCPARAM L0003722           0.05      3.05      4.65      2.84
   SRCPARAM L0003723           0.05      3.05      4.65      2.84
   SRCPARAM L0003724           0.05      3.05      4.65      2.84
   SRCPARAM L0003725           0.05      3.05      4.65      2.84
   SRCPARAM L0003726           0.05      3.05      4.65      2.84
   SRCPARAM L0003727           0.05      3.05      4.65      2.84
   SRCPARAM L0003728           0.05      3.05      4.65      2.84
   SRCPARAM L0003729           0.05      3.05      4.65      2.84
   SRCPARAM L0003730           0.05      3.05      4.65      2.84
   SRCPARAM L0003731           0.05      3.05      4.65      2.84
   SRCPARAM L0003732           0.05      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = PHASE1A_IDLE
   SRCPARAM L0003733           0.04      3.05      4.65      2.84
   SRCPARAM L0003734           0.04      3.05      4.65      2.84
   SRCPARAM L0003735           0.04      3.05      4.65      2.84
   SRCPARAM L0003736           0.04      3.05      4.65      2.84
   SRCPARAM L0003737           0.04      3.05      4.65      2.84
   SRCPARAM L0003738           0.04      3.05      4.65      2.84
   SRCPARAM L0003739           0.04      3.05      4.65      2.84
   SRCPARAM L0003740           0.04      3.05      4.65      2.84
   SRCPARAM L0003741           0.04      3.05      4.65      2.84
   SRCPARAM L0003742           0.04      3.05      4.65      2.84
   SRCPARAM L0003743           0.04      3.05      4.65      2.84
   SRCPARAM L0003744           0.04      3.05      4.65      2.84
   SRCPARAM L0003745           0.04      3.05      4.65      2.84
   SRCPARAM L0003746           0.04      3.05      4.65      2.84
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   SRCPARAM L0003747          0.04      3.05      4.65      2.84
   SRCPARAM L0003748          0.04      3.05      4.65      2.84
   SRCPARAM L0003749          0.04      3.05      4.65      2.84
   SRCPARAM L0003750          0.04      3.05      4.65      2.84
   SRCPARAM L0003751          0.04      3.05      4.65      2.84
   SRCPARAM L0003752          0.04      3.05      4.65      2.84
   SRCPARAM L0003753          0.04      3.05      4.65      2.84
   SRCPARAM L0003754          0.04      3.05      4.65      2.84
   SRCPARAM L0003755          0.04      3.05      4.65      2.84
   SRCPARAM L0003756          0.04      3.05      4.65      2.84
   SRCPARAM L0003757          0.04      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = PHASE2_3IDLE
   SRCPARAM L0004000          0.01      3.05      4.65      2.84
   SRCPARAM L0004001          0.01      3.05      4.65      2.84
   SRCPARAM L0004002          0.01      3.05      4.65      2.84
   SRCPARAM L0004003          0.01      3.05      4.65      2.84
   SRCPARAM L0004004          0.01      3.05      4.65      2.84
** ------------------------------------------------------------------
   SRCPARAM PHASE2_4     0.0000144436     5.000         8     1.400
   AREAVERT PHASE2_4     595601.560 4172136.009 595630.174 4172038.875
   AREAVERT PHASE2_4     595426.930 4172063.773 595388.357 4172198.427
   AREAVERT PHASE2_4     595437.450 4172173.881 595443.762 4172175.985
   AREAVERT PHASE2_4     595511.790 4172146.529 595569.299 4172136.711
** LINE VOLUME Source ID = PHASE2_4IDLE
   SRCPARAM L0003949          0.02      3.05      4.65      2.84
   SRCPARAM L0003950          0.02      3.05      4.65      2.84
   SRCPARAM L0003951          0.02      3.05      4.65      2.84
   SRCPARAM L0003952          0.02      3.05      4.65      2.84
   SRCPARAM L0003953          0.02      3.05      4.65      2.84
   SRCPARAM L0003954          0.02      3.05      4.65      2.84
   SRCPARAM L0003955          0.02      3.05      4.65      2.84
   SRCPARAM L0003956          0.02      3.05      4.65      2.84
   SRCPARAM L0003957          0.02      3.05      4.65      2.84
   SRCPARAM L0003958          0.02      3.05      4.65      2.84
   SRCPARAM L0003959          0.02      3.05      4.65      2.84
   SRCPARAM L0003960          0.02      3.05      4.65      2.84
   SRCPARAM L0003961          0.02      3.05      4.65      2.84
   SRCPARAM L0003962          0.02      3.05      4.65      2.84
   SRCPARAM L0003963          0.02      3.05      4.65      2.84
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "6days"
** WeekDays:
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE1A      HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE1A      HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0003799     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003799     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003799     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0003799     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003800     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003800     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003800     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003800     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003801     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003801     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003801     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003801     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003802     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003802     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003802     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0003803     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003803     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0003807     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003911     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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** Sunday:
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EMISFACT L0003923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003931     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003937     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003947     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003948     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003733     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0003734     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003734     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003734     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003734     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003735     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0003736     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0003749     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0003744     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003744     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003744     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003744     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003745     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003745     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003745     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003745     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003746     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003746     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003746     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003746     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003747     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003747     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003747     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003747     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003748     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003748     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003748     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003748     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003749     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003749     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003749     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003749     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003750     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003750     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003751     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003751     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003752     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003752     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003753     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003753     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0003753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003754     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003754     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003755     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003755     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003756     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003756     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003757     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003757     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0003733     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003733     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003733     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003733     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003734     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003734     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003734     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003734     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003735     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003735     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003735     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003735     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003736     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003736     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003736     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003736     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003737     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003737     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003737     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003737     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003738     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003738     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003738     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003738     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003739     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003739     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003739     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003739     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003740     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003740     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003740     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003740     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003741     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003741     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003741     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003741     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003742     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003742     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003742     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003742     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003743     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003743     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003743     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003743     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003744     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003744     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003744     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003744     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003745     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003745     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003745     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003745     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003746     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003746     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003746     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003746     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003747     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003747     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003747     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003747     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003748     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003748     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003748     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003748     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003749     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003749     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003749     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003749     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003750     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003751     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003752     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003753     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003754     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003755     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003756     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003757     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "5days"
** WeekDays:
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE1B      HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2_1     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2_2     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2_3     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0003964     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003964     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003964     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003964     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003965     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003965     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003965     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003965     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003966     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003966     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0003966     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003966     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003967     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003967     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003967     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003967     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003968     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003968     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003968     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003968     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003969     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003969     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003969     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003969     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003970     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003970     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003970     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003970     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003971     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003971     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003971     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003971     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003972     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003972     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003972     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003972     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003973     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003973     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003973     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003973     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003974     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003974     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003974     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003974     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003975     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003975     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003975     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003975     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003976     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003976     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003976     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003976     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003977     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003977     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003977     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003977     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003978     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003978     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003978     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003978     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003979     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003979     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003979     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003979     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003980     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003980     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003980     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003980     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003981     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003981     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003981     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003981     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003982     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003982     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003982     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003983     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003983     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003987     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
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   EMISFACT L0003964     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003969     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003971     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003987     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003987     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003987     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003988     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003989     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003989     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003989     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT L0003964     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003966     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003969     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003977     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003979     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003979     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003980     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003984     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003984     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003984     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003984     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003985     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003985     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003985     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003985     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003986     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003986     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003986     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003986     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003987     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003987     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003987     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003987     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003988     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003988     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003988     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003988     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003989     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003989     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003989     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003989     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0003990     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003990     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003990     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003990     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003991     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003991     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003992     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003992     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003993     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003993     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0003993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003994     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003994     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003995     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003995     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003996     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003996     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003997     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003997     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003998     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003998     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003999     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003999     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0003990     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003990     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003990     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003990     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0003990     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003990     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003990     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003990     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0003713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003713     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003713     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003714     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003714     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003715     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003715     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003716     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003716     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003717     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003717     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003718     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003718     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003719     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003719     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003720     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003720     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003721     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003721     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003722     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003722     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003723     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003723     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003724     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003724     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003724     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003724     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003725     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003725     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003726     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003726     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003726     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003726     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003727     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003727     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003727     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003727     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003728     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003728     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003728     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003728     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003729     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003729     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003729     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003729     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003730     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003730     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003730     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003730     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003731     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003731     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003731     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003731     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003732     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003732     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003732     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003732     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0003713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003724     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003724     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003724     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003724     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003726     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003726     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003726     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003726     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003727     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003727     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003727     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003727     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003728     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003728     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003728     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003728     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003729     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003729     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003729     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003729     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003730     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003730     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003730     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003730     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003731     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003731     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003731     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003731     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003732     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003732     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003732     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003732     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0003713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003724     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003724     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003724     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003726     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003726     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003726     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003726     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003727     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003727     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003727     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003727     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003728     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003728     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003728     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003728     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003729     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003729     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003729     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003729     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003730     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003730     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003730     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003730     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003731     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003731     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003731     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003731     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003732     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003732     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003732     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003732     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0004000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004000     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004000     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004001     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004001     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004002     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004002     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004003     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004003     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004004     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004004     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0004000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0004000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2_4     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2 4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0003949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003949     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003949     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003950     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003950     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003951     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003951     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003952     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003952     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003953     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003953     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0003953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003954     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003954     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003955     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003955     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003956     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003956     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003957     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003957     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003958     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003958     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003959     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003959     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003960     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003960     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003961     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003961     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003961     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003961     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003962     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003962     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003963     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003963     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0003949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003961     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003961     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003961     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003961     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0003949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003961     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003961     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003961     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003961     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0004155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004155     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004155     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004156     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004156     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004157     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004157     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004158     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004158     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004159     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004159     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004160     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004160     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004160     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004160     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004161     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004161     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004161     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004161     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004162     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004162     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004162     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004162     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004163     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004163     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004163     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004163     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004164     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004164     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004164     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004164     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004165     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004165     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004165     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004165     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004166     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004166     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004166     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004166     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004167     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004167     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004167     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004167     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004168     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004168     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004168     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004168     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004169     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004169     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004169     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004169     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004170     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004170     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004170     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004170     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004171     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004171     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004171     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004171     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004172     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004172     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004172     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004172     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004173     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004173     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004173     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004173     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004174     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004174     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004174     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004174     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004175     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004175     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004175     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004175     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004176     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004176     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004176     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004176     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004177     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004177     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004177     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004177     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004178     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004178     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004178     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004178     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004179     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004179     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004179     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004179     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004180     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004180     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004180     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004180     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004181     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004181     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004181     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004181     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0004276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   SRCGROUP Phase1B  PHASE1B
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   SRCGROUP P1A_Idle L0003745 L0003746 L0003747 L0003748 L0003749 L0003750
   SRCGROUP P1A_Idle L0003751 L0003752 L0003753 L0003754 L0003755 L0003756
   SRCGROUP P1A_Idle L0003757
   SRCGROUP P1B_Idle L0003713 L0003714 L0003715 L0003716 L0003717 L0003718
   SRCGROUP P1B_Idle L0003719 L0003720 L0003721 L0003722 L0003723 L0003724
   SRCGROUP P1B_Idle L0003725 L0003726 L0003727 L0003728 L0003729 L0003730
   SRCGROUP P1B_Idle L0003731 L0003732
   SRCGROUP P1A-Haul L0003799 L0003800 L0003801 L0003802 L0003803 L0003804
   SRCGROUP P1A-Haul L0003805 L0003806 L0003807 L0003808 L0003809 L0003810
   SRCGROUP P1A-Haul L0003811 L0003812 L0003813 L0003814 L0003815 L0003816
   SRCGROUP P1A-Haul L0003817 L0003818 L0003819 L0003820 L0003821 L0003822
   SRCGROUP P1A-Haul L0003823 L0003824 L0003825 L0003826 L0003827 L0003828
   SRCGROUP P1A-Haul L0003829 L0003830 L0003831 L0003832 L0003833 L0003834
   SRCGROUP P1A-Haul L0003835 L0003836 L0003837 L0003838 L0003839 L0003840
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   SRCGROUP P1A-Haul L0003847 L0003848 L0003849 L0003850 L0003851 L0003852
   SRCGROUP P1A-Haul L0003853 L0003854 L0003855 L0003856 L0003857 L0003858
   SRCGROUP P1A-Haul L0003859 L0003860 L0003861 L0003862 L0003863 L0003864
   SRCGROUP P1A-Haul L0003865 L0003866 L0003867 L0003868 L0003869 L0003870
   SRCGROUP P1A-Haul L0003871 L0003872 L0003873 L0003874 L0003875 L0003876
   SRCGROUP P1A-Haul L0003877 L0003878 L0003879 L0003880 L0003881 L0003882
   SRCGROUP P1A-Haul L0003883 L0003884 L0003885 L0003886 L0003887 L0003888
   SRCGROUP P1A-Haul L0003889 L0003890 L0003891 L0003892 L0003893 L0003894
   SRCGROUP P1A-Haul L0003895 L0003896 L0003897 L0003898 L0003899 L0003900
   SRCGROUP P1A-Haul L0003901 L0003902 L0003903 L0003904 L0003905 L0003906
   SRCGROUP P1A-Haul L0003907 L0003908 L0003909 L0003910 L0003911 L0003912
   SRCGROUP P1A-Haul L0003913 L0003914 L0003915 L0003916 L0003917 L0003918
   SRCGROUP P1A-Haul L0003919 L0003920 L0003921 L0003922 L0003923 L0003924
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   SRCGROUP P1A-Haul L0003937 L0003938 L0003939 L0003940 L0003941 L0003942
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   SRCGROUP P2_Idle  L0003964 L0003965 L0003966 L0003967 L0003968 L0003969
   SRCGROUP P2_Idle  L0003970 L0003971 L0003972 L0003973 L0003974 L0003975
   SRCGROUP P2_Idle  L0003976 L0003977 L0003978 L0003979 L0003980 L0003981
   SRCGROUP P2_Idle  L0003982 L0003983 L0003984 L0003985 L0003986 L0003987
   SRCGROUP P2_Idle  L0003988 L0003989 L0003990 L0003991 L0003992 L0003993
   SRCGROUP P2_Idle  L0003994 L0003995 L0003996 L0003997 L0003998 L0003999
   SRCGROUP P2_Idle  L0004000 L0004001 L0004002 L0004003 L0004004 L0003949
   SRCGROUP P2_Idle  L0003950 L0003951 L0003952 L0003953 L0003954 L0003955
   SRCGROUP P2_Idle  L0003956 L0003957 L0003958 L0003959 L0003960 L0003961
   SRCGROUP P2_Idle  L0003962 L0003963
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   SRCGROUP P1B-P2HA L0004161 L0004162 L0004163 L0004164 L0004165 L0004166
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   SRCGROUP P1B-P2HA L0004179 L0004180 L0004181 L0004182 L0004183 L0004184
   SRCGROUP P1B-P2HA L0004185 L0004186 L0004187 L0004188 L0004189 L0004190
   SRCGROUP P1B-P2HA L0004191 L0004192 L0004193 L0004194 L0004195 L0004196
   SRCGROUP P1B-P2HA L0004197 L0004198 L0004199 L0004200 L0004201 L0004202
   SRCGROUP P1B-P2HA L0004203 L0004204 L0004205 L0004206 L0004207 L0004208
   SRCGROUP P1B-P2HA L0004209 L0004210 L0004211 L0004212 L0004213 L0004214
   SRCGROUP P1B-P2HA L0004215 L0004216 L0004217 L0004218 L0004219 L0004220
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   SRCGROUP P1B-P2HA L0004227 L0004228 L0004229 L0004230 L0004231 L0004232
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   SRCGROUP P1B-P2HA L0004245 L0004246 L0004247 L0004248 L0004249 L0004250
   SRCGROUP P1B-P2HA L0004251 L0004252 L0004253 L0004254 L0004255 L0004256
   SRCGROUP P1B-P2HA L0004257 L0004258 L0004259 L0004260 L0004261 L0004262
   SRCGROUP P1B-P2HA L0004263 L0004264 L0004265 L0004266 L0004267 L0004268
   SRCGROUP P1B-P2HA L0004269 L0004270 L0004271 L0004272 L0004273 L0004274
   SRCGROUP P1B-P2HA L0004275 L0004276 L0004277 L0004278 L0004279 L0004280
   SRCGROUP P1B-P2HA L0004281 L0004282 L0004283 L0004284 L0004285 L0004286
   SRCGROUP P1B-P2HA L0004287 L0004288 L0004289 L0004290 L0004291 L0004292
   SRCGROUP P1B-P2HA L0004293 L0004294 L0004295 L0004296 L0004297 L0004298
   SRCGROUP P1B-P2HA L0004299 L0004300 L0004301 L0004302 L0004303 L0004304
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
** DESCRREC "UCART1" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    595574.00   4171743.00   97.81  101.44    1.80
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DISCCART	595594.00	4171743.00	96.06	101.44	1.80
DISCCART	595614.00	4171743.00	97.41	101.18	1.80
DISCCART	595634.00	4171743.00	99.77	101.06	1.80
DISCCART	595654.00	4171743.00	96.05	101.18	1.80
DISCCART	595674.00	4171743.00	95.92	101.14	1.80
DISCCART	595694.00	4171743.00	99.12	101.14	1.80
DISCCART	595534.00	4171763.00	99.54	101.43	1.80
DISCCART	595554.00	4171763.00	101.29	101.37	1.80
DISCCART	595574.00	4171763.00	96.99	101.52	1.80
DISCCART	595594.00	4171763.00	96.20	101.52	1.80
DISCCART	595614.00	4171763.00	98.89	101.23	1.80
DISCCART	595634.00	4171763.00	98.38	101.23	1.80
DISCCART	595654.00	4171763.00	96.28	101.23	1.80
DISCCART	595674.00	4171763.00	96.19	101.17	1.80
DISCCART	595694.00	4171763.00	100.58	100.58	1.80
DISCCART	595714.00	4171763.00	100.64	100.64	1.80
DISCCART	595734.00	4171763.00	98.51	101.14	1.80
DISCCART	595754.00	4171763.00	99.31	99.31	1.80
DISCCART	595534.00	4171783.00	101.02	101.47	1.80
DISCCART	595554.00	4171783.00	100.91	100.91	1.80
DISCCART	595574.00	4171783.00	100.49	100.49	1.80
DISCCART	595594.00	4171783.00	101.03	101.24	1.80
DISCCART	595614.00	4171783.00	101.08	101.08	1.80
DISCCART	595634.00	4171783.00	98.78	101.23	1.80
DISCCART	595654.00	4171783.00	96.81	101.23	1.80
DISCCART	595674.00	4171783.00	96.90	101.18	1.80
DISCCART	595694.00	4171783.00	101.09	101.09	1.80
DISCCART	595714.00	4171783.00	98.99	101.14	1.80
DISCCART	595734.00	4171783.00	99.01	99.01	1.80
DISCCART	595754.00	4171783.00	99.75	99.75	1.80
DISCCART	595774.00	4171783.00	99.74	99.74	1.80
DISCCART	595534.00	4171803.00	101.23	101.23	1.80
DISCCART	595554.00	4171803.00	101.24	101.45	1.80
DISCCART	595574.00	4171803.00	97.44	101.54	1.80
DISCCART	595594.00	4171803.00	97.57	101.30	1.80
DISCCART	595614.00	4171803.00	97.82	101.24	1.80
DISCCART	595634.00	4171803.00	98.75	101.23	1.80
DISCCART	595654.00	4171803.00	100.24	100.24	1.80
DISCCART	595674.00	4171803.00	100.72	101.14	1.80
DISCCART	595694.00	4171803.00	101.01	101.01	1.80
DISCCART	595714.00	4171803.00	97.43	101.18	1.80
DISCCART	595734.00	4171803.00	99.30	99.30	1.80
DISCCART	595754.00	4171803.00	100.29	100.29	1.80
DISCCART	595514.00	4171823.00	99.60	101.28	1.80
DISCCART	595534.00	4171823.00	101.26	101.26	1.80
DISCCART	595554.00	4171823.00	100.86	101.53	1.80
DISCCART	595574.00	4171823.00	95.57	101.66	1.80
DISCCART	595594.00	4171823.00	95.80	101.66	1.80
DISCCART	595614.00	4171823.00	97.30	101.66	1.80
DISCCART	595634.00	4171823.00	97.25	101.43	1.80
DISCCART	595654.00	4171823.00	97.40	101.18	1.80
DISCCART	595674.00	4171823.00	99.00	101.18	1.80
DISCCART	595694.00	4171823.00	100.83	100.83	1.80
DISCCART	595714.00	4171823.00	97.63	101.18	1.80
DISCCART	595734.00	4171823.00	99.32	99.32	1.80
DISCCART	595754.00	4171823.00	99.75	99.75	1.80
DISCCART	595514.00	4171843.00	100.28	101.23	1.80
DISCCART	595534.00	4171843.00	101.27	101.27	1.80
DISCCART	595554.00	4171843.00	101.27	101.27	1.80
DISCCART	595574.00	4171843.00	97.82	101.61	1.80
DISCCART	595594.00	4171843.00	95.87	101.80	1.80
DISCCART	595614.00	4171843.00	97.52	101.66	1.80
DISCCART	595634.00	4171843.00	97.40	101.66	1.80
DISCCART	595654.00	4171843.00	97.51	101.60	1.80

DISCCART	595674.00	4171843.00	100.34	100.89	1.80
DISCCART	595694.00	4171843.00	100.08	100.91	1.80
DISCCART	595714.00	4171843.00	98.47	100.91	1.80
DISCCART	595734.00	4171843.00	99.46	99.46	1.80
DISCCART	595754.00	4171843.00	99.53	99.53	1.80
DISCCART	595514.00	4171863.00	100.93	100.93	1.80
DISCCART	595534.00	4171863.00	101.26	101.26	1.80
DISCCART	595554.00	4171863.00	101.28	101.28	1.80
DISCCART	595574.00	4171863.00	101.38	101.38	1.80
DISCCART	595594.00	4171863.00	101.46	101.46	1.80
DISCCART	595614.00	4171863.00	101.55	101.55	1.80
DISCCART	595634.00	4171863.00	100.20	101.60	1.80
DISCCART	595654.00	4171863.00	97.64	101.68	1.80
DISCCART	595674.00	4171863.00	100.92	100.92	1.80
DISCCART	595694.00	4171863.00	99.01	101.10	1.80
DISCCART	595714.00	4171863.00	99.23	100.86	1.80
DISCCART	595734.00	4171863.00	99.62	100.86	1.80
DISCCART	595754.00	4171863.00	99.50	99.50	1.80
DISCCART	595774.00	4171863.00	99.38	99.38	1.80
DISCCART	595794.00	4171863.00	99.11	99.73	1.80
DISCCART	595814.00	4171863.00	99.19	99.72	1.80
DISCCART	595514.00	4171883.00	100.60	100.60	1.80
DISCCART	595534.00	4171883.00	100.66	100.66	1.80
DISCCART	595554.00	4171883.00	101.08	101.08	1.80
DISCCART	595574.00	4171883.00	101.55	101.55	1.80
DISCCART	595594.00	4171883.00	101.55	101.55	1.80
DISCCART	595614.00	4171883.00	101.64	101.64	1.80
DISCCART	595634.00	4171883.00	101.55	101.55	1.80
DISCCART	595654.00	4171883.00	100.36	101.37	1.80
DISCCART	595674.00	4171883.00	100.97	100.97	1.80
DISCCART	595694.00	4171883.00	99.19	100.88	1.80
DISCCART	595714.00	4171883.00	98.97	100.86	1.80
DISCCART	595734.00	4171883.00	99.35	99.35	1.80
DISCCART	595754.00	4171883.00	99.53	99.53	1.80
DISCCART	595774.00	4171883.00	99.40	99.40	1.80
DISCCART	595794.00	4171883.00	99.66	99.66	1.80
DISCCART	595814.00	4171883.00	99.07	99.07	1.80
DISCCART	595514.00	4171903.00	101.04	101.04	1.80
DISCCART	595534.00	4171903.00	101.38	101.38	1.80
DISCCART	595554.00	4171903.00	101.30	101.30	1.80
DISCCART	595574.00	4171903.00	100.94	100.94	1.80
DISCCART	595594.00	4171903.00	101.02	101.02	1.80
DISCCART	595614.00	4171903.00	101.05	101.05	1.80
DISCCART	595634.00	4171903.00	101.56	101.56	1.80
DISCCART	595654.00	4171903.00	100.97	100.97	1.80
DISCCART	595674.00	4171903.00	100.79	100.79	1.80
DISCCART	595694.00	4171903.00	100.26	100.26	1.80
DISCCART	595714.00	4171903.00	97.48	100.71	1.80
DISCCART	595734.00	4171903.00	99.33	99.33	1.80
DISCCART	595754.00	4171903.00	98.86	99.66	1.80
DISCCART	595774.00	4171903.00	98.61	98.61	1.80
DISCCART	595794.00	4171903.00	98.62	98.62	1.80
DISCCART	595814.00	4171903.00	98.89	98.89	1.80
DISCCART	595534.00	4171923.00	101.21	101.21	1.80
DISCCART	595554.00	4171923.00	101.31	101.31	1.80
DISCCART	595574.00	4171923.00	101.25	101.25	1.80
DISCCART	595594.00	4171923.00	101.13	101.13	1.80
DISCCART	595614.00	4171923.00	100.94	100.94	1.80
DISCCART	595634.00	4171923.00	100.89	100.89	1.80
DISCCART	595654.00	4171923.00	100.97	100.97	1.80
DISCCART	595674.00	4171923.00	100.68	100.68	1.80
DISCCART	595694.00	4171923.00	100.64	100.64	1.80
DISCCART	595754.00	4171923.00	98.09	100.50	1.80
DISCCART	595774.00	4171923.00	98.36	98.36	1.80

DISCCART	595794.00	4171923.00	98.59	98.59	1.80
DISCCART	595814.00	4171923.00	98.67	98.67	1.80
DISCCART	595534.00	4171943.00	100.87	100.87	1.80
DISCCART	595554.00	4171943.00	101.23	101.23	1.80
DISCCART	595574.00	4171943.00	101.20	101.20	1.80
DISCCART	595594.00	4171943.00	101.19	101.19	1.80
DISCCART	595614.00	4171943.00	101.09	101.09	1.80
DISCCART	595634.00	4171943.00	100.97	100.97	1.80
DISCCART	595654.00	4171943.00	100.92	100.92	1.80
DISCCART	595674.00	4171943.00	100.66	100.66	1.80
DISCCART	595694.00	4171943.00	100.51	100.51	1.80
DISCCART	595554.00	4171963.00	100.97	100.97	1.80
DISCCART	595574.00	4171963.00	101.11	101.11	1.80
DISCCART	595594.00	4171963.00	101.05	101.05	1.80
DISCCART	595614.00	4171963.00	101.02	101.02	1.80
DISCCART	595634.00	4171963.00	100.84	100.84	1.80
DISCCART	595654.00	4171963.00	100.92	100.92	1.80
DISCCART	595674.00	4171963.00	100.84	100.84	1.80
DISCCART	595574.00	4171983.00	100.92	100.92	1.80
DISCCART	595074.00	4172423.00	101.37	101.37	1.80
DISCCART	595094.00	4172423.00	101.32	101.32	1.80
DISCCART	595074.00	4172443.00	101.51	101.51	1.80
DISCCART	595094.00	4172443.00	101.39	101.39	1.80
DISCCART	595114.00	4172443.00	101.38	101.38	1.80
DISCCART	595134.00	4172443.00	101.30	101.30	1.80
DISCCART	595054.00	4172463.00	101.45	101.45	1.80
DISCCART	595074.00	4172463.00	101.44	101.44	1.80
DISCCART	595094.00	4172463.00	101.45	101.45	1.80
DISCCART	595114.00	4172463.00	101.44	101.44	1.80
DISCCART	595054.00	4172483.00	102.88	103.72	1.80
DISCCART	595074.00	4172483.00	101.50	103.72	1.80
DISCCART	595094.00	4172483.00	101.42	101.42	1.80
DISCCART	595114.00	4172483.00	101.42	101.42	1.80
DISCCART	595034.00	4172503.00	101.51	101.51	1.80
DISCCART	595054.00	4172503.00	101.99	103.72	1.80
DISCCART	595074.00	4172503.00	101.81	101.81	1.80
DISCCART	595094.00	4172503.00	101.61	101.61	1.80
DISCCART	595114.00	4172503.00	101.25	101.25	1.80
DISCCART	595034.00	4172523.00	101.52	101.52	1.80
DISCCART	595054.00	4172523.00	101.41	101.41	1.80
DISCCART	595074.00	4172523.00	101.32	101.32	1.80
DISCCART	595094.00	4172523.00	101.69	101.69	1.80
DISCCART	595034.00	4172543.00	101.56	101.56	1.80
DISCCART	595054.00	4172543.00	101.38	101.38	1.80
DISCCART	595074.00	4172543.00	101.42	101.42	1.80
DISCCART	595094.00	4172543.00	101.27	101.27	1.80
DISCCART	595014.00	4172563.00	101.40	101.40	1.80
DISCCART	595034.00	4172563.00	101.46	101.46	1.80
DISCCART	595054.00	4172563.00	101.48	101.48	1.80
DISCCART	595074.00	4172563.00	101.58	101.58	1.80
DISCCART	595094.00	4172563.00	101.36	101.36	1.80
DISCCART	595014.00	4172583.00	101.37	101.37	1.80
DISCCART	595034.00	4172583.00	101.56	101.56	1.80
DISCCART	595054.00	4172583.00	101.50	101.50	1.80
DISCCART	595074.00	4172583.00	101.60	101.60	1.80
DISCCART	595034.00	4172603.00	101.28	101.28	1.80
DISCCART	595054.00	4172603.00	101.45	101.45	1.80
DISCCART	595074.00	4172603.00	101.45	101.45	1.80
DISCCART	595534.00	4172643.00	100.66	100.66	1.80
DISCCART	595554.00	4172643.00	100.68	100.68	1.80
DISCCART	595574.00	4172643.00	100.98	100.98	1.80
DISCCART	595534.00	4172663.00	100.70	100.70	1.80
DISCCART	595554.00	4172663.00	100.77	100.77	1.80
DISCCART	595574.00	4172663.00	100.96	100.96	1.80

DISCCART	595534.00	4172683.00	100.64	100.64	1.80
DISCCART	595554.00	4172683.00	100.72	100.72	1.80
DISCCART	595574.00	4172683.00	100.77	100.77	1.80
DISCCART	595294.00	4172743.00	99.98	99.98	1.80
DISCCART	595314.00	4172743.00	100.38	100.38	1.80
DISCCART	595334.00	4172743.00	100.45	100.45	1.80
DISCCART	595534.00	4172743.00	100.34	100.34	1.80
DISCCART	595294.00	4172763.00	99.71	99.71	1.80
DISCCART	595314.00	4172763.00	100.29	100.29	1.80
DISCCART	595334.00	4172763.00	100.28	100.28	1.80
DISCCART	595354.00	4172763.00	99.74	99.74	1.80
DISCCART	595374.00	4172763.00	100.40	100.40	1.80
DISCCART	595534.00	4172763.00	100.36	100.36	1.80
DISCCART	595554.00	4172763.00	100.48	100.48	1.80
DISCCART	595574.00	4172763.00	100.45	100.45	1.80
DISCCART	594934.00	4172783.00	101.40	101.40	1.80
DISCCART	594954.00	4172783.00	102.11	102.11	1.80
DISCCART	594974.00	4172783.00	102.15	102.15	1.80
DISCCART	595274.00	4172783.00	99.65	99.65	1.80
DISCCART	595354.00	4172783.00	100.44	100.44	1.80
DISCCART	595374.00	4172783.00	100.72	100.72	1.80
DISCCART	595394.00	4172783.00	100.71	100.71	1.80
DISCCART	595414.00	4172783.00	100.60	100.60	1.80
DISCCART	595434.00	4172783.00	100.41	100.41	1.80
DISCCART	595514.00	4172783.00	100.26	100.26	1.80
DISCCART	595534.00	4172783.00	100.31	100.31	1.80
DISCCART	595554.00	4172783.00	100.43	100.43	1.80
DISCCART	595574.00	4172783.00	100.28	100.28	1.80
DISCCART	595594.00	4172783.00	100.51	100.51	1.80
DISCCART	595614.00	4172783.00	100.48	100.48	1.80
DISCCART	595634.00	4172783.00	100.67	100.67	1.80
DISCCART	594894.00	4172803.00	102.16	102.16	1.80
DISCCART	594914.00	4172803.00	102.17	102.17	1.80
DISCCART	594934.00	4172803.00	101.92	101.92	1.80
DISCCART	594954.00	4172803.00	102.04	102.04	1.80
DISCCART	594974.00	4172803.00	101.95	101.95	1.80
DISCCART	595274.00	4172803.00	100.01	100.01	1.80
DISCCART	595294.00	4172803.00	100.30	100.30	1.80
DISCCART	595314.00	4172803.00	100.11	100.11	1.80
DISCCART	595354.00	4172803.00	100.25	100.25	1.80
DISCCART	595374.00	4172803.00	100.60	100.60	1.80
DISCCART	595394.00	4172803.00	100.74	100.74	1.80
DISCCART	595414.00	4172803.00	100.67	100.67	1.80
DISCCART	595434.00	4172803.00	100.70	100.70	1.80
DISCCART	595454.00	4172803.00	100.69	100.69	1.80
DISCCART	595474.00	4172803.00	100.41	100.41	1.80
DISCCART	595534.00	4172803.00	100.13	100.13	1.80
DISCCART	595554.00	4172803.00	100.34	100.34	1.80
DISCCART	595574.00	4172803.00	100.23	100.23	1.80
DISCCART	595594.00	4172803.00	100.53	100.53	1.80
DISCCART	595614.00	4172803.00	100.44	100.44	1.80
DISCCART	595634.00	4172803.00	100.46	100.46	1.80
DISCCART	595654.00	4172803.00	100.59	100.59	1.80
DISCCART	595674.00	4172803.00	100.79	100.79	1.80
DISCCART	594874.00	4172823.00	102.62	102.62	1.80
DISCCART	594894.00	4172823.00	102.35	102.35	1.80
DISCCART	594914.00	4172823.00	102.14	102.14	1.80
DISCCART	594934.00	4172823.00	102.01	102.01	1.80
DISCCART	594954.00	4172823.00	102.05	102.05	1.80
DISCCART	595254.00	4172823.00	100.08	100.08	1.80
DISCCART	595274.00	4172823.00	100.22	100.22	1.80
DISCCART	595294.00	4172823.00	100.30	100.30	1.80
DISCCART	595334.00	4172823.00	100.00	100.00	1.80
DISCCART	595354.00	4172823.00	100.37	100.37	1.80

DISCCART	595374.00	4172823.00	100.34	100.34	1.80
DISCCART	595394.00	4172823.00	100.54	100.54	1.80
DISCCART	595414.00	4172823.00	100.72	100.72	1.80
DISCCART	595434.00	4172823.00	100.70	100.70	1.80
DISCCART	595454.00	4172823.00	100.70	100.70	1.80
DISCCART	595474.00	4172823.00	100.76	100.76	1.80
DISCCART	595494.00	4172823.00	100.60	100.60	1.80
DISCCART	595514.00	4172823.00	100.46	100.46	1.80
DISCCART	595534.00	4172823.00	100.26	100.26	1.80
DISCCART	595574.00	4172823.00	100.11	100.11	1.80
DISCCART	595594.00	4172823.00	100.30	100.30	1.80
DISCCART	595614.00	4172823.00	100.30	100.30	1.80
DISCCART	595634.00	4172823.00	100.44	100.44	1.80
DISCCART	595654.00	4172823.00	100.49	100.49	1.80
DISCCART	595674.00	4172823.00	100.62	103.26	1.80
DISCCART	594874.00	4172843.00	102.26	102.26	1.80
DISCCART	594894.00	4172843.00	102.58	102.58	1.80
DISCCART	594914.00	4172843.00	102.24	102.24	1.80
DISCCART	594934.00	4172843.00	102.03	102.03	1.80
DISCCART	594954.00	4172843.00	102.09	102.09	1.80
DISCCART	595254.00	4172843.00	100.26	100.26	1.80
DISCCART	595274.00	4172843.00	100.08	100.08	1.80
DISCCART	595294.00	4172843.00	100.10	100.10	1.80
DISCCART	595334.00	4172843.00	100.21	100.21	1.80
DISCCART	595354.00	4172843.00	100.33	100.33	1.80
DISCCART	595374.00	4172843.00	100.38	100.38	1.80
DISCCART	595394.00	4172843.00	100.49	100.49	1.80
DISCCART	595414.00	4172843.00	100.47	100.47	1.80
DISCCART	595434.00	4172843.00	100.54	100.54	1.80
DISCCART	595454.00	4172843.00	100.52	100.52	1.80
DISCCART	595474.00	4172843.00	100.76	100.76	1.80
DISCCART	595494.00	4172843.00	100.63	100.63	1.80
DISCCART	595514.00	4172843.00	100.50	100.50	1.80
DISCCART	595534.00	4172843.00	100.56	100.56	1.80
DISCCART	595554.00	4172843.00	100.48	100.48	1.80
DISCCART	595574.00	4172843.00	100.20	100.20	1.80
DISCCART	595634.00	4172843.00	100.47	100.47	1.80
DISCCART	595654.00	4172843.00	100.55	100.55	1.80
DISCCART	595674.00	4172843.00	100.74	103.38	1.80
DISCCART	594854.00	4172863.00	102.28	102.28	1.80
DISCCART	594874.00	4172863.00	102.02	102.02	1.80
DISCCART	594894.00	4172863.00	102.50	102.50	1.80
DISCCART	594914.00	4172863.00	102.54	102.54	1.80
DISCCART	594934.00	4172863.00	102.11	102.11	1.80
DISCCART	595234.00	4172863.00	100.45	100.45	1.80
DISCCART	595254.00	4172863.00	100.52	100.52	1.80
DISCCART	595274.00	4172863.00	100.51	100.51	1.80
DISCCART	595294.00	4172863.00	99.89	99.89	1.80
DISCCART	595314.00	4172863.00	99.89	99.89	1.80
DISCCART	595334.00	4172863.00	100.11	100.11	1.80
DISCCART	595354.00	4172863.00	100.36	100.36	1.80
DISCCART	595374.00	4172863.00	100.26	100.26	1.80
DISCCART	595394.00	4172863.00	100.54	100.54	1.80
DISCCART	595414.00	4172863.00	100.48	100.48	1.80
DISCCART	595434.00	4172863.00	100.43	100.43	1.80
DISCCART	595454.00	4172863.00	100.19	100.19	1.80
DISCCART	595474.00	4172863.00	100.32	100.32	1.80
DISCCART	595494.00	4172863.00	100.36	100.36	1.80
DISCCART	595514.00	4172863.00	100.45	100.45	1.80
DISCCART	595534.00	4172863.00	100.66	100.66	1.80
DISCCART	595554.00	4172863.00	100.59	100.59	1.80
DISCCART	595574.00	4172863.00	100.11	100.11	1.80
DISCCART	595594.00	4172863.00	99.98	99.98	1.80
DISCCART	595614.00	4172863.00	99.80	99.80	1.80

DISCCART	594854.00	4172883.00	102.58	102.58	1.80
DISCCART	594874.00	4172883.00	102.60	102.60	1.80
DISCCART	594894.00	4172883.00	102.69	102.69	1.80
DISCCART	594914.00	4172883.00	102.66	102.66	1.80
DISCCART	595234.00	4172883.00	100.47	100.47	1.80
DISCCART	595254.00	4172883.00	100.54	100.54	1.80
DISCCART	595274.00	4172883.00	100.54	100.54	1.80
DISCCART	595294.00	4172883.00	100.20	100.20	1.80
DISCCART	595314.00	4172883.00	100.36	100.36	1.80
DISCCART	595334.00	4172883.00	100.08	100.08	1.80
DISCCART	595374.00	4172883.00	99.88	99.88	1.80
DISCCART	595394.00	4172883.00	100.28	100.28	1.80
DISCCART	595414.00	4172883.00	100.34	100.34	1.80
DISCCART	595434.00	4172883.00	100.04	100.04	1.80
DISCCART	595454.00	4172883.00	100.23	100.23	1.80
DISCCART	595474.00	4172883.00	100.21	100.21	1.80
DISCCART	595494.00	4172883.00	100.31	100.31	1.80
DISCCART	595514.00	4172883.00	100.17	100.17	1.80
DISCCART	595534.00	4172883.00	100.31	100.31	1.80
DISCCART	595554.00	4172883.00	100.20	100.20	1.80
DISCCART	595574.00	4172883.00	99.94	99.94	1.80
DISCCART	595594.00	4172883.00	100.18	100.18	1.80
DISCCART	595614.00	4172883.00	100.32	100.32	1.80
DISCCART	595634.00	4172883.00	100.41	100.41	1.80
DISCCART	595654.00	4172883.00	100.41	103.37	1.80
DISCCART	594854.00	4172903.00	102.65	102.65	1.80
DISCCART	594874.00	4172903.00	102.65	102.65	1.80
DISCCART	594894.00	4172903.00	102.74	102.74	1.80
DISCCART	594914.00	4172903.00	102.69	102.69	1.80
DISCCART	595234.00	4172903.00	100.47	100.47	1.80
DISCCART	595254.00	4172903.00	100.53	100.53	1.80
DISCCART	595274.00	4172903.00	100.45	100.45	1.80
DISCCART	595294.00	4172903.00	100.31	100.31	1.80
DISCCART	595314.00	4172903.00	100.46	100.46	1.80
DISCCART	595334.00	4172903.00	100.21	100.21	1.80
DISCCART	595354.00	4172903.00	100.39	100.39	1.80
DISCCART	595374.00	4172903.00	100.21	100.21	1.80
DISCCART	595414.00	4172903.00	99.79	99.79	1.80
DISCCART	595434.00	4172903.00	99.89	99.89	1.80
DISCCART	595454.00	4172903.00	100.08	100.08	1.80
DISCCART	595474.00	4172903.00	100.22	100.22	1.80
DISCCART	595494.00	4172903.00	100.21	100.21	1.80
DISCCART	595514.00	4172903.00	100.31	100.31	1.80
DISCCART	595534.00	4172903.00	100.36	100.36	1.80
DISCCART	595554.00	4172903.00	100.06	100.06	1.80
DISCCART	595574.00	4172903.00	99.89	99.89	1.80
DISCCART	595594.00	4172903.00	100.29	100.29	1.80
DISCCART	595614.00	4172903.00	100.53	100.53	1.80
DISCCART	595634.00	4172903.00	100.50	100.50	1.80
DISCCART	594854.00	4172923.00	102.77	102.77	1.80
DISCCART	594874.00	4172923.00	102.64	102.64	1.80
DISCCART	594894.00	4172923.00	102.66	102.66	1.80
DISCCART	594914.00	4172923.00	102.49	102.49	1.80
DISCCART	595254.00	4172923.00	100.40	100.40	1.80
DISCCART	595274.00	4172923.00	100.38	100.38	1.80
DISCCART	595294.00	4172923.00	100.46	100.46	1.80
DISCCART	595314.00	4172923.00	100.49	100.49	1.80
DISCCART	595334.00	4172923.00	100.20	100.20	1.80
DISCCART	595354.00	4172923.00	100.48	100.48	1.80
DISCCART	595374.00	4172923.00	100.49	100.49	1.80
DISCCART	595394.00	4172923.00	100.39	100.39	1.80
DISCCART	595414.00	4172923.00	100.14	100.14	1.80
DISCCART	595474.00	4172923.00	99.91	99.91	1.80
DISCCART	595494.00	4172923.00	100.23	100.23	1.80

DISCCART	595514.00	4172923.00	100.34	100.34	1.80
DISCCART	595534.00	4172923.00	100.43	100.43	1.80
DISCCART	595554.00	4172923.00	100.04	100.04	1.80
DISCCART	595574.00	4172923.00	100.11	100.11	1.80
DISCCART	595594.00	4172923.00	100.30	100.30	1.80
DISCCART	595614.00	4172923.00	100.19	100.19	1.80
DISCCART	595634.00	4172923.00	100.40	103.39	1.80
DISCCART	595314.00	4172943.00	100.39	100.39	1.80
DISCCART	595334.00	4172943.00	100.45	100.45	1.80
DISCCART	595354.00	4172943.00	100.45	100.45	1.80
DISCCART	595374.00	4172943.00	100.46	100.46	1.80
DISCCART	595394.00	4172943.00	100.23	100.23	1.80
DISCCART	595414.00	4172943.00	100.25	100.25	1.80
DISCCART	595434.00	4172943.00	100.18	100.18	1.80
DISCCART	595454.00	4172943.00	100.13	100.13	1.80
DISCCART	595514.00	4172943.00	100.03	100.03	1.80
DISCCART	595534.00	4172943.00	100.11	100.11	1.80
DISCCART	595554.00	4172943.00	100.06	100.06	1.80
DISCCART	595574.00	4172943.00	100.35	100.35	1.80
DISCCART	595594.00	4172943.00	100.30	100.30	1.80
DISCCART	595614.00	4172943.00	100.17	100.17	1.80
DISCCART	595634.00	4172943.00	100.44	103.44	1.80
DISCCART	595314.00	4172963.00	100.56	100.56	1.80
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DISCCART	595394.00	4172963.00	100.33	100.33	1.80
DISCCART	595414.00	4172963.00	100.34	100.34	1.80
DISCCART	595434.00	4172963.00	100.25	100.25	1.80
DISCCART	595454.00	4172963.00	100.28	100.28	1.80
DISCCART	595474.00	4172963.00	100.51	100.51	1.80
DISCCART	595494.00	4172963.00	100.29	100.29	1.80
DISCCART	595514.00	4172963.00	100.21	100.21	1.80
DISCCART	595554.00	4172963.00	100.17	100.17	1.80
DISCCART	595574.00	4172963.00	100.25	100.25	1.80
DISCCART	595594.00	4172963.00	100.29	100.29	1.80
DISCCART	595614.00	4172963.00	100.18	103.44	1.80
DISCCART	595314.00	4172983.00	100.55	100.55	1.80
DISCCART	595334.00	4172983.00	100.31	100.31	1.80
DISCCART	595354.00	4172983.00	100.27	100.27	1.80
DISCCART	595374.00	4172983.00	100.28	100.28	1.80
DISCCART	595394.00	4172983.00	100.20	100.20	1.80
DISCCART	595414.00	4172983.00	100.26	100.26	1.80
DISCCART	595434.00	4172983.00	100.19	100.19	1.80
DISCCART	595454.00	4172983.00	100.19	100.19	1.80
DISCCART	595474.00	4172983.00	100.46	100.46	1.80
DISCCART	595494.00	4172983.00	100.32	100.32	1.80
DISCCART	595514.00	4172983.00	100.53	100.53	1.80
DISCCART	595534.00	4172983.00	100.46	100.46	1.80
DISCCART	595554.00	4172983.00	100.33	100.33	1.80
DISCCART	595574.00	4172983.00	100.62	100.62	1.80
DISCCART	595594.00	4172983.00	100.58	100.58	1.80
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DISCCART	595314.00	4173003.00	100.23	100.23	1.80
DISCCART	595334.00	4173003.00	100.48	100.48	1.80
DISCCART	595354.00	4173003.00	100.39	100.39	1.80
DISCCART	595374.00	4173003.00	100.29	100.29	1.80
DISCCART	595394.00	4173003.00	100.31	100.31	1.80
DISCCART	595414.00	4173003.00	100.26	100.26	1.80
DISCCART	595434.00	4173003.00	100.22	100.22	1.80
DISCCART	595454.00	4173003.00	100.15	100.15	1.80
DISCCART	595474.00	4173003.00	100.35	100.35	1.80
DISCCART	595494.00	4173003.00	100.40	100.40	1.80
DISCCART	595514.00	4173003.00	100.52	100.52	1.80

DISCCART	595534.00	4173003.00	100.50	100.50	1.80
DISCCART	595554.00	4173003.00	100.45	100.45	1.80
DISCCART	595574.00	4173003.00	100.80	100.80	1.80
DISCCART	595594.00	4173003.00	100.73	100.73	1.80
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DISCCART	595314.00	4173023.00	100.70	100.70	1.80
DISCCART	595334.00	4173023.00	100.49	100.49	1.80
DISCCART	595354.00	4173023.00	100.38	100.38	1.80
DISCCART	595374.00	4173023.00	100.33	100.33	1.80
DISCCART	595394.00	4173023.00	100.27	100.27	1.80
DISCCART	595414.00	4173023.00	100.22	100.22	1.80
DISCCART	595434.00	4173023.00	100.42	100.42	1.80
DISCCART	595454.00	4173023.00	100.45	100.45	1.80
DISCCART	595474.00	4173023.00	100.49	100.49	1.80
DISCCART	595494.00	4173023.00	100.41	100.41	1.80
DISCCART	595514.00	4173023.00	100.53	100.53	1.80
DISCCART	595534.00	4173023.00	100.53	100.53	1.80
DISCCART	595554.00	4173023.00	100.59	100.59	1.80
DISCCART	595574.00	4173023.00	100.77	100.77	1.80
DISCCART	595594.00	4173023.00	100.64	103.48	1.80
DISCCART	595294.00	4173043.00	100.56	100.56	1.80
DISCCART	595314.00	4173043.00	100.62	100.62	1.80
DISCCART	595334.00	4173043.00	100.43	100.43	1.80
DISCCART	595354.00	4173043.00	100.37	100.37	1.80
DISCCART	595374.00	4173043.00	100.31	100.31	1.80
DISCCART	595394.00	4173043.00	100.26	100.26	1.80
DISCCART	595414.00	4173043.00	100.40	100.40	1.80
DISCCART	595434.00	4173043.00	100.52	100.52	1.80
DISCCART	595454.00	4173043.00	100.60	100.60	1.80
DISCCART	595474.00	4173043.00	100.68	100.68	1.80
DISCCART	595494.00	4173043.00	100.53	100.53	1.80
DISCCART	595514.00	4173043.00	100.67	100.67	1.80
DISCCART	595534.00	4173043.00	100.82	100.82	1.80
DISCCART	595554.00	4173043.00	100.80	100.80	1.80
DISCCART	595574.00	4173043.00	100.76	100.76	1.80
DISCCART	595294.00	4173063.00	100.51	100.51	1.80
DISCCART	595314.00	4173063.00	100.50	100.50	1.80
DISCCART	595334.00	4173063.00	100.41	100.41	1.80
DISCCART	595354.00	4173063.00	100.35	100.35	1.80
DISCCART	595374.00	4173063.00	100.33	100.33	1.80
DISCCART	595394.00	4173063.00	100.53	100.53	1.80
DISCCART	595414.00	4173063.00	100.71	100.71	1.80
DISCCART	595434.00	4173063.00	100.79	100.79	1.80
DISCCART	595454.00	4173063.00	100.69	100.69	1.80
DISCCART	595474.00	4173063.00	100.66	100.66	1.80
DISCCART	595494.00	4173063.00	100.46	100.46	1.80
DISCCART	595514.00	4173063.00	100.62	100.62	1.80
DISCCART	595534.00	4173063.00	100.90	100.90	1.80
DISCCART	595554.00	4173063.00	100.86	100.86	1.80
DISCCART	595574.00	4173063.00	101.05	101.05	1.80
DISCCART	595354.00	4173083.00	100.42	100.42	1.80
DISCCART	595374.00	4173083.00	100.64	100.64	1.80
DISCCART	595394.00	4173083.00	100.88	100.88	1.80
DISCCART	595414.00	4173083.00	101.03	101.03	1.80
DISCCART	595434.00	4173083.00	101.05	101.05	1.80
DISCCART	595454.00	4173083.00	100.81	100.81	1.80
DISCCART	595474.00	4173083.00	100.59	100.59	1.80
DISCCART	595494.00	4173083.00	100.00	100.00	1.80
DISCCART	595514.00	4173083.00	100.10	101.15	1.80
DISCCART	595534.00	4173083.00	100.98	100.98	1.80
DISCCART	595554.00	4173083.00	100.83	100.83	1.80
DISCCART	595574.00	4173083.00	101.15	101.15	1.80
DISCCART	595334.00	4173103.00	100.68	100.68	1.80
DISCCART	595354.00	4173103.00	100.70	100.70	1.80

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   DISCCART    595374.00   4173103.00  100.97  100.97    1.80
   DISCCART    595394.00   4173103.00  101.23  101.23    1.80
   DISCCART    595414.00   4173103.00  101.35  101.35    1.80
   DISCCART    595434.00   4173103.00  101.31  101.31    1.80
   DISCCART    595454.00   4173103.00  100.90  100.90    1.80
   DISCCART    595474.00   4173103.00  100.45  100.45    1.80
   DISCCART    595494.00   4173103.00   99.96   99.96    1.80
   DISCCART    595514.00   4173103.00  101.04  101.04    1.80
   DISCCART    595334.00   4173123.00  101.04  101.04    1.80
   DISCCART    595354.00   4173123.00  101.14  101.14    1.80
   DISCCART    595374.00   4173123.00  101.35  101.35    1.80
   DISCCART    595394.00   4173123.00  101.55  101.55    1.80
   DISCCART    595414.00   4173123.00  101.55  101.55    1.80
   DISCCART    595434.00   4173123.00  101.41  101.41    1.80
   DISCCART    595454.00   4173123.00  100.91  100.91    1.80
   DISCCART    595474.00   4173123.00  100.19  100.19    1.80
   DISCCART    595494.00   4173123.00   99.99   99.99    1.80
   DISCCART    595514.00   4173123.00  101.16  101.16    1.80
   DISCCART    595354.00   4173143.00  101.45  101.45    1.80
   DISCCART    595374.00   4173143.00  101.56  101.56    1.80
   DISCCART    595394.00   4173143.00  101.52  101.52    1.80
   DISCCART    595414.00   4173143.00  100.68  101.67    1.80
   DISCCART    595434.00   4173143.00  100.68  100.68    1.80
   DISCCART    595494.00   4173143.00  101.03  101.03    1.80
   DISCCART    595354.00   4173163.00  101.34  101.34    1.80
   DISCCART    595374.00   4173163.00  101.54  101.54    1.80
   DISCCART    595394.00   4173163.00  101.61  101.61    1.80
   DISCCART    595414.00   4173163.00  101.03  101.61    1.80
   DISCCART    595434.00   4173163.00  101.09  101.09    1.80
   DISCCART    595374.00   4173183.00  101.54  101.54    1.80
   DISCCART    595394.00   4173183.00  101.69  101.69    1.80
   DISCCART    595414.00   4173183.00  101.66  101.66    1.80
   DISCCART    595434.00   4173183.00  101.62  101.62    1.80
** DESCRREC "Daycare" "Love and Care Christian Preshool"
   DISCCART    595203.12   4172931.43  100.67  100.67    0.50
** DESCRREC "Gym-CSP" "ClubSport Pleasanton"
   DISCCART    595305.29   4173022.49  100.77  100.77    1.80
** DESCRREC "P-School" "Sakura Gakuen School"
   DISCCART    596059.85   4172738.92   99.91   99.91    0.50
** DESCRREC "VVPark" "Val Vista Park (Hockey, Skate, and Water)"
   DISCCART    595782.40   4171913.24   98.53   98.53    1.80
   DISCCART    595790.49   4171877.76   99.65   99.65    1.80
   DISCCART    595826.59   4171700.37  100.23  100.23    1.80
   DISCCART    595857.85   4171568.40  100.14  100.14    1.80
** DESCRREC "Lflght" "Lifelight Gym"
   DISCCART    595427.66   4172811.08  100.71  100.71    1.80
** DESCRREC "CRSFIT" "Crossfit Pleasanton"
   DISCCART    595616.96   4172890.78  100.40  100.40    1.80
** DESCRREC "Vball" "Norcal Volleyball"
   DISCCART    595465.61   4172972.42  100.46  100.46    1.80
** DESCRREC "TPCbball" "TPC Baseball"
   DISCCART    595413.93   4172953.11  100.29  100.29    1.80
** DESCRREC "Onsite" "Oniste Workers in EDZ"
   DISCCART    595207.62   4172857.58  100.54  100.54    1.80
   DISCCART    595229.35   4172793.73  100.13  100.13    1.80
   DISCCART    595251.41   4172717.21  100.32  100.32    1.80
   DISCCART    595276.16   4172654.64  100.20  100.20    1.80
** DESCRREC "RESVV" "Residents in Val Vista Neighborhoood/Stonedale Dr."
   DISCCART    595286.24   4171790.65  100.11  100.11    1.80
   DISCCART    595306.24   4171790.65  100.26  100.26    1.80
   DISCCART    595326.24   4171790.65  100.24  100.24    1.80
   DISCCART    595266.24   4171810.65  100.36  100.36    1.80
   DISCCART    595286.24   4171810.65  100.68  100.68    1.80
   DISCCART    595306.24   4171810.65   99.97   99.97    1.80
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   DISCCART    595326.24   4171810.65  100.19  100.19    1.80
   DISCCART    595246.24   4171830.65  100.59  100.59    1.80
   DISCCART    595266.24   4171830.65  100.73  100.73    1.80
   DISCCART    595286.24   4171830.65  100.65  100.65    1.80
   DISCCART    595306.24   4171830.65  100.14  100.14    1.80
   DISCCART    595326.24   4171830.65  100.04  100.04    1.80
   DISCCART    595226.24   4171850.65  101.05  101.05    1.80
   DISCCART    595246.24   4171850.65  100.34  100.34    1.80
   DISCCART    595266.24   4171850.65  100.23  100.23    1.80
   DISCCART    595286.24   4171850.65  100.17  100.17    1.80
   DISCCART    595306.24   4171850.65  100.04  100.04    1.80
   DISCCART    595326.24   4171850.65   99.91   99.91    1.80
   DISCCART    595206.24   4171870.65  100.71  100.71    1.80
   DISCCART    595226.24   4171870.65  100.49  100.49    1.80
   DISCCART    595246.24   4171870.65  100.36  100.36    1.80
   DISCCART    595266.24   4171870.65  100.43  100.43    1.80
   DISCCART    595286.24   4171870.65  100.24  100.24    1.80
   DISCCART    595306.24   4171870.65  100.03  100.03    1.80
   DISCCART    595186.24   4171890.65  100.62  100.62    1.80
   DISCCART    595206.24   4171890.65  100.56  100.56    1.80
   DISCCART    595226.24   4171890.65  100.56  100.56    1.80
   DISCCART    595246.24   4171890.65  100.42  100.42    1.80
   DISCCART    595266.24   4171890.65  100.37  100.37    1.80
   DISCCART    595286.24   4171890.65  100.16  100.16    1.80
   DISCCART    595306.24   4171890.65   99.95   99.95    1.80
   DISCCART    595186.24   4171910.65  100.75  100.75    1.80
   DISCCART    595206.24   4171910.65  100.77  100.77    1.80
   DISCCART    595226.24   4171910.65  100.62  100.62    1.80
   DISCCART    595246.24   4171910.65  100.36  100.36    1.80
   DISCCART    595266.24   4171910.65  100.13  100.13    1.80
   DISCCART    595286.24   4171910.65  100.18  100.18    1.80
   DISCCART    595306.24   4171910.65   99.82   99.82    1.80
   DISCCART    595166.24   4171930.65  100.92  100.92    1.80
   DISCCART    595186.24   4171930.65  100.86  100.86    1.80
   DISCCART    595206.24   4171930.65  100.62  100.62    1.80
   DISCCART    595226.24   4171930.65  100.67  100.67    1.80
   DISCCART    595246.24   4171930.65  100.18  100.18    1.80
   DISCCART    595266.24   4171930.65  100.13  100.13    1.80
   DISCCART    595286.24   4171930.65  100.02  100.02    1.80
   DISCCART    595166.24   4171950.65  100.84  100.84    1.80
   DISCCART    595186.24   4171950.65  100.89  100.89    1.80
   DISCCART    595206.24   4171950.65  100.76  100.76    1.80
   DISCCART    595226.24   4171950.65  100.90  100.90    1.80
   DISCCART    595246.24   4171950.65  100.36  100.36    1.80
   DISCCART    595266.24   4171950.65  100.14  100.14    1.80
   DISCCART    595286.24   4171950.65   99.77  107.32    1.80
   DISCCART    595146.24   4171970.65  101.29  101.29    1.80
   DISCCART    595166.24   4171970.65  101.33  101.33    1.80
   DISCCART    595186.24   4171970.65  101.08  101.08    1.80
   DISCCART    595206.24   4171970.65  100.90  100.90    1.80
   DISCCART    595226.24   4171970.65  100.83  100.83    1.80
   DISCCART    595246.24   4171970.65  100.10  106.99    1.80
   DISCCART    595266.24   4171970.65   99.89  107.46    1.80
   DISCCART    595146.24   4171990.65  101.35  101.35    1.80
   DISCCART    595166.24   4171990.65  101.30  101.30    1.80
   DISCCART    595186.24   4171990.65  101.06  101.06    1.80
   DISCCART    595206.24   4171990.65  100.90  100.90    1.80
** DESCRREC "RESSE" "Residents Southeast of Project"
   DISCCART    595852.66   4171825.33   99.74   99.74    1.80
   DISCCART    595852.66   4171845.33   99.78   99.78    1.80
   DISCCART    595852.66   4171865.33   99.69   99.69    1.80
   DISCCART    595872.66   4171865.33   99.79   99.79    1.80
   DISCCART    595892.66   4171865.33   99.86   99.86    1.80
   DISCCART    595832.66   4171885.33   99.37   99.37    1.80
```

```
   DISCCART    595852.66   4171885.33   99.45   99.45    1.80
   DISCCART    595872.66   4171885.33   99.52   99.52    1.80
   DISCCART    595892.66   4171885.33   99.54   99.54    1.80
   DISCCART    595832.66   4171905.33   99.29   99.29    1.80
   DISCCART    595852.66   4171905.33   99.02   99.02    1.80
   DISCCART    595872.66   4171905.33   98.96   98.96    1.80
   DISCCART    595892.66   4171905.33   99.22   99.22    1.80
   DISCCART    595912.66   4171905.33   99.73   99.73    1.80
   DISCCART    595832.66   4171925.33   99.44   99.44    1.80
   DISCCART    595852.66   4171925.33   99.31   99.31    1.80
   DISCCART    595872.66   4171925.33   99.35   99.35    1.80
   DISCCART    595892.66   4171925.33   99.25   99.25    1.80
   DISCCART    595912.66   4171925.33   99.22   99.22    1.80
   DISCCART    595852.66   4171945.33   98.82   99.52    1.80
   DISCCART    595872.66   4171945.33   99.23   99.23    1.80
   DISCCART    595892.66   4171945.33   99.54   99.54    1.80
   DISCCART    595912.66   4171945.33   99.69   99.69    1.80
   DISCCART    595932.66   4171945.33   99.72   99.72    1.80
** DESCRREC "RESSAC" "Residents in Stoneride Apartment Community"
   DISCCART    595102.43   4172101.44  101.15  101.15    1.80
   DISCCART    595122.43   4172101.44  101.08  101.08    1.80
   DISCCART    595142.43   4172101.44  100.79  100.79    1.80
   DISCCART    595102.43   4172121.44  101.30  101.30    1.80
   DISCCART    595122.43   4172121.44  101.38  101.38    1.80
   DISCCART    595142.43   4172121.44  101.01  101.01    1.80
   DISCCART    595082.43   4172141.44  101.31  101.31    1.80
   DISCCART    595102.43   4172141.44  101.46  101.46    1.80
   DISCCART    595122.43   4172141.44  101.38  101.38    1.80
   DISCCART    595142.43   4172141.44  101.11  101.11    1.80
   DISCCART    595082.43   4172161.44  101.25  101.25    1.80
   DISCCART    595102.43   4172161.44  101.06  101.06    1.80
   DISCCART    595122.43   4172161.44  101.27  101.27    1.80
   DISCCART    595142.43   4172161.44  101.12  101.12    1.80
   DISCCART    595082.43   4172181.44  101.25  101.25    1.80
   DISCCART    595102.43   4172181.44  101.21  101.21    1.80
   DISCCART    595122.43   4172181.44  101.20  101.20    1.80
   DISCCART    595142.43   4172181.44  101.14  101.14    1.80
   DISCCART    595062.43   4172201.44  101.41  101.41    1.80
   DISCCART    595082.43   4172201.44  101.39  101.39    1.80
   DISCCART    595102.43   4172201.44  101.22  101.22    1.80
   DISCCART    595122.43   4172201.44  101.25  101.25    1.80
   DISCCART    595142.43   4172201.44  101.17  101.17    1.80
   DISCCART    595162.43   4172201.44  101.10  101.10    1.80
   DISCCART    595062.43   4172221.44  101.58  101.58    1.80
   DISCCART    595082.43   4172221.44  101.52  101.52    1.80
   DISCCART    595102.43   4172221.44  101.27  101.27    1.80
   DISCCART    595122.43   4172221.44  101.40  101.40    1.80
   DISCCART    595142.43   4172221.44  101.38  101.38    1.80
   DISCCART    595162.43   4172221.44  101.37  101.37    1.80
   DISCCART    595062.43   4172241.44  101.58  101.58    1.80
   DISCCART    595082.43   4172241.44  101.45  101.45    1.80
   DISCCART    595102.43   4172241.44  101.45  101.45    1.80
   DISCCART    595122.43   4172241.44  101.47  101.47    1.80
   DISCCART    595142.43   4172241.44  101.20  101.20    1.80
   DISCCART    595162.43   4172241.44  100.91  100.91    1.80
   DISCCART    595062.43   4172261.44  101.37  101.37    1.80
   DISCCART    595082.43   4172261.44  101.09  101.09    1.80
   DISCCART    595102.43   4172261.44  101.67  101.67    1.80
   DISCCART    595122.43   4172261.44  101.62  101.62    1.80
   DISCCART    595142.43   4172261.44  101.14  101.14    1.80
   DISCCART    595042.43   4172281.44  101.57  101.57    1.80
   DISCCART    595062.43   4172281.44  101.39  101.39    1.80
   DISCCART    595082.43   4172281.44  101.16  101.16    1.80
   DISCCART    595102.43   4172281.44  101.95  101.95    1.80
```

```
   DISCCART    595122.43   4172281.44  101.19  101.19    1.80
   DISCCART    595142.43   4172281.44  101.14  101.14    1.80
   DISCCART    595162.43   4172281.44  101.26  101.26    1.80
   DISCCART    595042.43   4172301.44  101.66  101.66    1.80
   DISCCART    595062.43   4172301.44  101.40  101.40    1.80
   DISCCART    595082.43   4172301.44  101.54  101.54    1.80
   DISCCART    595102.43   4172301.44  101.89  101.89    1.80
   DISCCART    595122.43   4172301.44  101.51  101.51    1.80
   DISCCART    595142.43   4172301.44  101.33  101.33    1.80
   DISCCART    595162.43   4172301.44  101.23  101.23    1.80
   DISCCART    595042.43   4172321.44  101.52  101.52    1.80
   DISCCART    595062.43   4172321.44  101.28  101.28    1.80
   DISCCART    595082.43   4172321.44  102.38  102.38    1.80
   DISCCART    595102.43   4172321.44  101.98  101.98    1.80
   DISCCART    595122.43   4172321.44  101.80  101.80    1.80
   DISCCART    595142.43   4172321.44  101.36  101.36    1.80
   DISCCART    595162.43   4172321.44  101.33  101.33    1.80
   DISCCART    595022.43   4172341.44  101.77  101.77    1.80
   DISCCART    595042.43   4172341.44  101.48  101.48    1.80
   DISCCART    595062.43   4172341.44  101.33  101.33    1.80
   DISCCART    595082.43   4172341.44  101.46  101.46    1.80
   DISCCART    595102.43   4172341.44  101.69  101.69    1.80
   DISCCART    595122.43   4172341.44  101.89  101.89    1.80
   DISCCART    595142.43   4172341.44  101.43  101.43    1.80
   DISCCART    595162.43   4172341.44  101.34  101.34    1.80
** DESCRREC "Onsite" "Oniste Workers in EDZ"
   DISCCART    595509.20   4172311.10  100.59  100.59    1.80
   DISCCART    595453.66   4172369.33  100.43  100.43    1.80
** DESCRREC "Kungfu" "Kungu Dragon USA"
   DISCCART    595568.33   4173021.18  100.77  100.77    1.80
** DESCRREC "FEDEX" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    595515.00   4172097.00  100.63  100.63    1.80
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
   DISCCART    595271.59   4172931.11  100.47  100.47    1.80
   DISCCART    595259.54   4172956.67  100.53  100.53    1.80
   DISCCART    595229.53   4172979.48  100.99  100.99    1.80
   DISCCART    595158.78   4172948.61  100.21  100.21    1.80
   DISCCART    595424.36   4172061.47   97.49  105.13    1.80
   DISCCART    595637.78   4172033.56  100.72  100.72    1.80
   DISCCART    595497.98   4172569.45  100.51  100.51    1.80
   DISCCART    595440.32   4172695.89  100.43  100.43    1.80
   DISCCART    595531.70   4172736.24  100.51  100.51    1.80
   DISCCART    595503.43   4172797.49   99.90   99.90    1.80
   DISCCART    595293.61   4172706.67  100.17  100.17    1.80
   DISCCART    595216.89   4172907.31  100.39  100.39    1.80
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "Livermore Met Data\724927.SFC"
   PROFFILE "Livermore Met Data\724927.PFL"
   SURFDATA 23285 2009
   UAIRDATA 23230 2009 OAKLAND/WSO_AP
   PROFBASE 119.8 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
```

```
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD Phase1A JC.AD\PE00G001.PLT 31
   PLOTFILE PERIOD Phase1B JC.AD\PE00G002.PLT 32
   PLOTFILE PERIOD P1A_Idle JC.AD\PE00G003.PLT 33
   PLOTFILE PERIOD P1B_Idle JC.AD\PE00G004.PLT 34
   PLOTFILE PERIOD P1A-Haul JC.AD\PE00G005.PLT 35
   PLOTFILE PERIOD P2 JC.AD\PE00G006.PLT 36
   PLOTFILE PERIOD P2_Idle JC.AD\PE00G007.PLT 37
   PLOTFILE PERIOD P1B-P2HA JC.AD\PE00G008.PLT 38
   SUMMFILE JC.sum
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     10
** ZONEINX  0
**
```

A.2.2 Operational Model Input File – Unit Emission Rate

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.5.0
** Lakes Environmental Software Inc.
** Date: 11/2/2018
** File: U:\AQ and Acoustics\AERMOD\JO\JO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE JOHNSON DRIVE OPERATIONS HRA
   MODELOPT CONC FLAT ELEV
   AVERTIME PERIOD
   URBANOPT 83007
   POLLUTID PM
   FLAGPOLE 1.80
   RUNORNOT RUN
   ERRORFIL JO.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION CSCO_GEN     POINT      595396.140  4172547.450      100.330
** DESCRSRC COSTCO EMERGENCY GENERATOR 1000KW
   LOCATION HOTELGEN     POINT      595476.190  4172275.030      100.200
** DESCRSRC HOTEL EMERGENCY GENERATOR-1000KW
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = FDXTRKIDL
** DESCRSRC FEDEX TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595570.678, 4172057.831, 100.21, 3.05, 4.65
** 595579.633, 4172105.932, 100.23, 3.05, 4.65
** ------------------------------------------------------------------------
   LOCATION L0000001     VOLUME   595571.593 4172062.747 100.20
   LOCATION L0000002     VOLUME   595573.423 4172072.578 100.22
   LOCATION L0000003     VOLUME   595575.254 4172082.409 100.29
   LOCATION L0000004     VOLUME   595577.084 4172092.240 100.28
   LOCATION L0000005     VOLUME   595578.914 4172102.071 100.23
** End of LINE VOLUME Source ID = FDXTRKIDL
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = FDXTRKTRU
** DESCRSRC FEDEX TRUCK TRU
```

```
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595570.678, 4172057.831, 100.21, 3.05, 4.65
** 595579.633, 4172105.932, 100.23, 3.05, 4.65
** ------------------------------------------------------------------
   LOCATION L0009115     VOLUME   595571.593 4172062.747 100.20
   LOCATION L0009116     VOLUME   595573.423 4172072.578 100.22
   LOCATION L0009117     VOLUME   595575.254 4172082.409 100.29
   LOCATION L0009118     VOLUME   595577.084 4172092.240 100.28
   LOCATION L0009119     VOLUME   595578.914 4172102.071 100.23
** End of LINE VOLUME Source ID = FDXTRKTRU
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CSTRKIDL
** DESCRSRC COSTCO Store DELIVERY TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595481.197, 4172556.173, 100.22, 3.05, 4.65
** 595503.282, 4172498.669, 99.74, 3.05, 4.65
** ------------------------------------------------------------------
   LOCATION L0008404     VOLUME   595482.990 4172551.505 100.22
   LOCATION L0008405     VOLUME   595486.575 4172542.170 100.20
   LOCATION L0008406     VOLUME   595490.160 4172532.835 100.18
   LOCATION L0008407     VOLUME   595493.745 4172523.500 99.89
   LOCATION L0008408     VOLUME   595497.331 4172514.165 99.83
   LOCATION L0008409     VOLUME   595500.916 4172504.829 99.88
** End of LINE VOLUME Source ID = CSTRKIDL
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CSCO_TRU
** DESCRSRC COSTCO Store DELIVERY TRUCK TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595481.197, 4172556.173, 100.22, 3.05, 4.65
** 595503.282, 4172498.669, 99.74, 3.05, 4.65
** ------------------------------------------------------------------
   LOCATION L0009104     VOLUME   595482.990 4172551.505 100.22
   LOCATION L0009105     VOLUME   595486.575 4172542.170 100.20
   LOCATION L0009106     VOLUME   595490.160 4172532.835 100.18
   LOCATION L0009107     VOLUME   595493.745 4172523.500 99.89
   LOCATION L0009108     VOLUME   595497.331 4172514.165 99.83
   LOCATION L0009109     VOLUME   595500.916 4172504.829 99.88
** End of LINE VOLUME Source ID = CSCO_TRU
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GSTRKIDL
** DESCRSRC GAS STATION TRUCK IDLING
** PREFIX
** Length of Side = 10.00
```

```
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595333.163, 4172708.838, 100.60, 3.05, 4.65
** 595345.925, 4172676.224, 100.60, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0008980     VOLUME   595334.985 4172704.182 100.62
   LOCATION L0008981     VOLUME   595338.629 4172694.870 100.53
   LOCATION L0008982     VOLUME   595342.273 4172685.557 100.58
   LOCATION L0008983     VOLUME   595345.917 4172676.245 100.60
** End of LINE VOLUME Source ID = GSTRKIDL
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = DEL EXH
** DESCRSRC COSTCO AND GAS STATION DELIVERY TRUCK ROUTE EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 18
** 595479.507, 4172570.983, 100.26, 3.05, 6.23
** 595432.358, 4172685.420, 100.10, 3.05, 6.23
** 595296.736, 4172628.065, 100.13, 3.05, 6.23
** 595257.468, 4172608.921, 99.43, 3.05, 6.23
** 595368.466, 4172265.212, 99.01, 3.05, 6.23
** 595386.005, 4172226.467, 99.05, 3.05, 6.23
** 595405.941, 4172207.745, 99.18, 3.05, 6.23
** 595469.075, 4172174.675, 99.65, 3.05, 6.23
** 595511.165, 4172156.136, 99.81, 3.05, 6.23
** 595546.240, 4172150.123, 99.91, 3.05, 6.23
** 595578.809, 4172147.116, 100.20, 3.05, 6.23
** 595616.890, 4172145.613, 100.68, 3.05, 6.23
** 595641.943, 4172143.108, 100.84, 3.05, 6.23
** 595664.992, 4172133.588, 100.80, 3.05, 6.23
** 595681.527, 4172117.554, 100.64, 3.05, 6.23
** 595689.432, 4172095.004, 100.50, 3.05, 6.23
** 595691.133, 4172068.168, 100.44, 3.05, 6.23
** 595689.117, 4172025.418, 100.41, 3.05, 6.23
** ----------------------------------------------------------------------
   LOCATION L0008414     VOLUME   595476.955 4172577.178 100.27
   LOCATION L0008415     VOLUME   595471.850 4172589.567 100.28
   LOCATION L0008416     VOLUME   595466.745 4172601.957 100.27
   LOCATION L0008417     VOLUME   595461.641 4172614.347 100.23
   LOCATION L0008418     VOLUME   595456.536 4172626.736 100.20
   LOCATION L0008419     VOLUME   595451.432 4172639.126 100.10
   LOCATION L0008420     VOLUME   595446.327 4172651.516 100.13
   LOCATION L0008421     VOLUME   595441.222 4172663.905 100.10
   LOCATION L0008422     VOLUME   595436.118 4172676.295 100.05
   LOCATION L0008423     VOLUME   595429.106 4172684.045 100.07
   LOCATION L0008424     VOLUME   595416.764 4172678.825 100.01
   LOCATION L0008425     VOLUME   595404.423 4172673.606 100.16
   LOCATION L0008426     VOLUME   595392.081 4172668.387 100.08
   LOCATION L0008427     VOLUME   595379.739 4172663.167 100.00
   LOCATION L0008428     VOLUME   595367.398 4172657.948 100.05
   LOCATION L0008429     VOLUME   595355.056 4172652.729 99.98
   LOCATION L0008430     VOLUME   595342.714 4172647.509 100.16
   LOCATION L0008431     VOLUME   595330.372 4172642.290 100.18
   LOCATION L0008432     VOLUME   595318.031 4172637.071 100.15
   LOCATION L0008433     VOLUME   595305.689 4172631.851 100.20
   LOCATION L0008434     VOLUME   595293.429 4172626.453 100.12
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LOCATION	L0008435	VOLUME	595281.384	4172620.580	99.92
LOCATION	L0008436	VOLUME	595269.339	4172614.708	99.69
LOCATION	L0008437	VOLUME	595257.527	4172608.737	99.74
LOCATION	L0008438	VOLUME	595261.645	4172595.985	99.80
LOCATION	L0008439	VOLUME	595265.763	4172583.234	99.85
LOCATION	L0008440	VOLUME	595269.881	4172570.482	99.84
LOCATION	L0008441	VOLUME	595273.999	4172557.731	99.84
LOCATION	L0008442	VOLUME	595278.117	4172544.979	99.81
LOCATION	L0008443	VOLUME	595282.235	4172532.228	99.77
LOCATION	L0008444	VOLUME	595286.353	4172519.476	99.75
LOCATION	L0008445	VOLUME	595290.471	4172506.725	99.67
LOCATION	L0008446	VOLUME	595294.590	4172493.973	99.67
LOCATION	L0008447	VOLUME	595298.708	4172481.221	99.67
LOCATION	L0008448	VOLUME	595302.826	4172468.470	99.62
LOCATION	L0008449	VOLUME	595306.944	4172455.718	99.66
LOCATION	L0008450	VOLUME	595311.062	4172442.967	99.67
LOCATION	L0008451	VOLUME	595315.180	4172430.215	99.71
LOCATION	L0008452	VOLUME	595319.298	4172417.464	99.66
LOCATION	L0008453	VOLUME	595323.416	4172404.712	99.57
LOCATION	L0008454	VOLUME	595327.534	4172391.961	99.51
LOCATION	L0008455	VOLUME	595331.652	4172379.209	99.42
LOCATION	L0008456	VOLUME	595335.770	4172366.458	99.38
LOCATION	L0008457	VOLUME	595339.888	4172353.706	99.46
LOCATION	L0008458	VOLUME	595344.006	4172340.954	99.45
LOCATION	L0008459	VOLUME	595348.124	4172328.203	99.45
LOCATION	L0008460	VOLUME	595352.242	4172315.451	99.35
LOCATION	L0008461	VOLUME	595356.360	4172302.700	99.30
LOCATION	L0008462	VOLUME	595360.478	4172289.948	99.18
LOCATION	L0008463	VOLUME	595364.596	4172277.197	99.13
LOCATION	L0008464	VOLUME	595368.798	4172264.478	99.02
LOCATION	L0008465	VOLUME	595374.324	4172252.270	99.00
LOCATION	L0008466	VOLUME	595379.850	4172240.063	99.00
LOCATION	L0008467	VOLUME	595385.377	4172227.855	99.02
LOCATION	L0008468	VOLUME	595394.662	4172218.337	99.10
LOCATION	L0008469	VOLUME	595404.430	4172209.164	99.15
LOCATION	L0008470	VOLUME	595415.975	4172202.489	99.24
LOCATION	L0008471	VOLUME	595427.845	4172196.271	99.30
LOCATION	L0008472	VOLUME	595439.715	4172190.054	99.38
LOCATION	L0008473	VOLUME	595451.585	4172183.836	99.48
LOCATION	L0008474	VOLUME	595463.456	4172177.618	99.57
LOCATION	L0008475	VOLUME	595475.533	4172171.831	99.65
LOCATION	L0008476	VOLUME	595487.796	4172166.429	99.68
LOCATION	L0008477	VOLUME	595500.059	4172161.028	99.74
LOCATION	L0008478	VOLUME	595512.411	4172155.922	99.78
LOCATION	L0008479	VOLUME	595525.619	4172153.658	99.87
LOCATION	L0008480	VOLUME	595538.826	4172151.394	99.88
LOCATION	L0008481	VOLUME	595552.093	4172149.583	99.96
LOCATION	L0008482	VOLUME	595565.436	4172148.351	100.06
LOCATION	L0008483	VOLUME	595578.779	4172147.119	100.23
LOCATION	L0008484	VOLUME	595592.169	4172146.589	100.35
LOCATION	L0008485	VOLUME	595605.558	4172146.060	100.57
LOCATION	L0008486	VOLUME	595618.939	4172145.408	100.73
LOCATION	L0008487	VOLUME	595632.273	4172144.075	100.79
LOCATION	L0008488	VOLUME	595645.346	4172141.703	100.83
LOCATION	L0008489	VOLUME	595657.731	4172136.587	100.80
LOCATION	L0008490	VOLUME	595668.972	4172129.729	100.78
LOCATION	L0008491	VOLUME	595678.592	4172120.400	100.71
LOCATION	L0008492	VOLUME	595684.607	4172108.767	100.58
LOCATION	L0008493	VOLUME	595689.040	4172096.121	100.50
LOCATION	L0008494	VOLUME	595690.205	4172082.812	100.43
LOCATION	L0008495	VOLUME	595691.052	4172069.439	100.40
LOCATION	L0008496	VOLUME	595690.562	4172056.055	100.35
LOCATION	L0008497	VOLUME	595689.931	4172042.670	100.25
LOCATION	L0008498	VOLUME	595689.299	4172029.285	100.26

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** End of LINE VOLUME Source ID = DEL_EXH
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHR_EXH
** DESCRSRC OTHER TRUCKS ONROAD EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 16
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** 595257.468, 4172608.921, 99.43, 3.05, 6.23
** 595368.466, 4172265.212, 99.01, 3.05, 6.23
** 595386.005, 4172226.467, 99.05, 3.05, 6.23
** 595405.941, 4172207.745, 99.18, 3.05, 6.23
** 595469.075, 4172174.675, 99.65, 3.05, 6.23
** 595511.165, 4172156.136, 99.81, 3.05, 6.23
** 595546.240, 4172150.123, 99.91, 3.05, 6.23
** 595578.809, 4172147.116, 100.20, 3.05, 6.23
** 595616.890, 4172145.613, 100.68, 3.05, 6.23
** 595641.943, 4172143.108, 100.84, 3.05, 6.23
** 595664.992, 4172133.588, 100.80, 3.05, 6.23
** 595681.527, 4172117.554, 100.64, 3.05, 6.23
** 595689.432, 4172095.004, 100.50, 3.05, 6.23
** 595691.133, 4172068.168, 100.44, 3.05, 6.23
** 595689.117, 4172025.418, 100.41, 3.05, 6.23
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   LOCATION L0008499     VOLUME   595172.453 4172878.222 100.07
   LOCATION L0008500     VOLUME   595176.487 4172865.443 100.02
   LOCATION L0008501     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0008502     VOLUME   595184.555 4172839.887 99.93
   LOCATION L0008503     VOLUME   595188.589 4172827.108 99.87
   LOCATION L0008504     VOLUME   595192.623 4172814.330 99.81
   LOCATION L0008505     VOLUME   595196.657 4172801.552 99.78
   LOCATION L0008506     VOLUME   595200.691 4172788.773 99.70
   LOCATION L0008507     VOLUME   595204.725 4172775.995 99.67
   LOCATION L0008508     VOLUME   595208.759 4172763.216 99.52
   LOCATION L0008509     VOLUME   595212.793 4172750.438 99.56
   LOCATION L0008510     VOLUME   595216.827 4172737.660 99.41
   LOCATION L0008511     VOLUME   595220.861 4172724.881 99.59
   LOCATION L0008512     VOLUME   595224.895 4172712.103 99.51
   LOCATION L0008513     VOLUME   595228.929 4172699.324 99.63
   LOCATION L0008514     VOLUME   595232.963 4172686.546 99.52
   LOCATION L0008515     VOLUME   595236.997 4172673.768 99.65
   LOCATION L0008516     VOLUME   595241.031 4172660.989 99.61
   LOCATION L0008517     VOLUME   595245.065 4172648.211 99.68
   LOCATION L0008518     VOLUME   595249.099 4172635.433 99.67
   LOCATION L0008519     VOLUME   595253.133 4172622.654 99.71
   LOCATION L0008520     VOLUME   595257.167 4172609.876 99.74
   LOCATION L0008521     VOLUME   595261.278 4172597.122 99.78
   LOCATION L0008522     VOLUME   595265.396 4172584.371 99.85
   LOCATION L0008523     VOLUME   595269.514 4172571.619 99.83
   LOCATION L0008524     VOLUME   595273.632 4172558.868 99.85
   LOCATION L0008525     VOLUME   595277.750 4172546.116 99.80
   LOCATION L0008526     VOLUME   595281.868 4172533.365 99.78
   LOCATION L0008527     VOLUME   595285.986 4172520.613 99.75
   LOCATION L0008528     VOLUME   595290.104 4172507.861 99.68
   LOCATION L0008529     VOLUME   595294.222 4172495.110 99.66
   LOCATION L0008530     VOLUME   595298.340 4172482.358 99.67
   LOCATION L0008531     VOLUME   595302.458 4172469.607 99.62
   LOCATION L0008532     VOLUME   595306.576 4172456.855 99.66
   LOCATION L0008533     VOLUME   595310.694 4172444.104 99.66
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   LOCATION L0008534     VOLUME   595314.812 4172431.352 99.71
   LOCATION L0008535     VOLUME   595318.930 4172418.601 99.67
   LOCATION L0008536     VOLUME   595323.048 4172405.849 99.58
   LOCATION L0008537     VOLUME   595327.166 4172393.097 99.52
   LOCATION L0008538     VOLUME   595331.284 4172380.346 99.43
   LOCATION L0008539     VOLUME   595335.402 4172367.594 99.38
   LOCATION L0008540     VOLUME   595339.520 4172354.843 99.46
   LOCATION L0008541     VOLUME   595343.638 4172342.091 99.45
   LOCATION L0008542     VOLUME   595347.756 4172329.340 99.45
   LOCATION L0008543     VOLUME   595351.874 4172316.588 99.35
   LOCATION L0008544     VOLUME   595355.992 4172303.837 99.31
   LOCATION L0008545     VOLUME   595360.110 4172291.085 99.19
   LOCATION L0008546     VOLUME   595364.229 4172278.334 99.13
   LOCATION L0008547     VOLUME   595368.347 4172265.582 99.02
   LOCATION L0008548     VOLUME   595373.832 4172253.359 99.01
   LOCATION L0008549     VOLUME   595379.358 4172241.151 98.99
   LOCATION L0008550     VOLUME   595384.884 4172228.944 99.02
   LOCATION L0008551     VOLUME   595393.791 4172219.155 99.10
   LOCATION L0008552     VOLUME   595403.559 4172209.982 99.15
   LOCATION L0008553     VOLUME   595414.917 4172203.043 99.24
   LOCATION L0008554     VOLUME   595426.787 4172196.826 99.27
   LOCATION L0008555     VOLUME   595438.657 4172190.608 99.38
   LOCATION L0008556     VOLUME   595450.527 4172184.390 99.48
   LOCATION L0008557     VOLUME   595462.397 4172178.173 99.56
   LOCATION L0008558     VOLUME   595474.439 4172172.312 99.64
   LOCATION L0008559     VOLUME   595486.703 4172166.911 99.68
   LOCATION L0008560     VOLUME   595498.966 4172161.509 99.74
   LOCATION L0008561     VOLUME   595511.234 4172156.124 99.78
   LOCATION L0008562     VOLUME   595524.441 4172153.860 99.86
   LOCATION L0008563     VOLUME   595537.648 4172151.596 99.88
   LOCATION L0008564     VOLUME   595550.903 4172149.692 99.95
   LOCATION L0008565     VOLUME   595564.246 4172148.461 100.05
   LOCATION L0008566     VOLUME   595577.590 4172147.229 100.22
   LOCATION L0008567     VOLUME   595590.975 4172146.636 100.34
   LOCATION L0008568     VOLUME   595604.365 4172146.107 100.55
   LOCATION L0008569     VOLUME   595617.751 4172145.527 100.72
   LOCATION L0008570     VOLUME   595631.084 4172144.194 100.77
   LOCATION L0008571     VOLUME   595644.242 4172142.159 100.84
   LOCATION L0008572     VOLUME   595656.627 4172137.043 100.80
   LOCATION L0008573     VOLUME   595668.114 4172130.560 100.79
   LOCATION L0008574     VOLUME   595677.734 4172121.232 100.72
   LOCATION L0008575     VOLUME   595684.212 4172109.894 100.59
   LOCATION L0008576     VOLUME   595688.645 4172097.249 100.51
   LOCATION L0008577     VOLUME   595690.129 4172084.005 100.44
   LOCATION L0008578     VOLUME   595690.977 4172070.632 100.41
   LOCATION L0008579     VOLUME   595690.618 4172057.249 100.35
   LOCATION L0008580     VOLUME   595689.987 4172043.863 100.26
   LOCATION L0008581     VOLUME   595689.356 4172030.478 100.24
** End of LINE VOLUME Source ID = OTHR_EXH
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HOTL_EXH
** DESCRSRC Hotel-Retail Onroad Truck Route
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 13
** 595386.005, 4172226.467, 99.05, 3.05, 6.23
** 595405.941, 4172207.745, 99.18, 3.05, 6.23
** 595469.075, 4172174.675, 99.65, 3.05, 6.23
** 595511.165, 4172156.136, 99.81, 3.05, 6.23
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** 595546.240, 4172150.123, 99.91, 3.05, 6.23
** 595578.809, 4172147.116, 100.20, 3.05, 6.23
** 595616.890, 4172145.613, 100.68, 3.05, 6.23
** 595641.943, 4172143.108, 100.84, 3.05, 6.23
** 595664.992, 4172133.588, 100.80, 3.05, 6.23
** 595681.527, 4172117.554, 100.64, 3.05, 6.23
** 595689.432, 4172095.004, 100.50, 3.05, 6.23
** 595691.133, 4172068.168, 100.44, 3.05, 6.23
** 595689.117, 4172025.418, 100.41, 3.05, 6.23
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   LOCATION L0009547     VOLUME   595390.889 4172221.880 99.11
   LOCATION L0009548     VOLUME   595400.657 4172212.707 99.18
   LOCATION L0009549     VOLUME   595411.390 4172204.891 99.21
   LOCATION L0009550     VOLUME   595423.260 4172198.673 99.21
   LOCATION L0009551     VOLUME   595435.130 4172192.455 99.37
   LOCATION L0009552     VOLUME   595447.000 4172186.238 99.43
   LOCATION L0009553     VOLUME   595458.871 4172180.020 99.53
   LOCATION L0009554     VOLUME   595470.796 4172173.917 99.64
   LOCATION L0009555     VOLUME   595483.059 4172168.516 99.66
   LOCATION L0009556     VOLUME   595495.322 4172163.114 99.72
   LOCATION L0009557     VOLUME   595507.585 4172157.713 99.76
   LOCATION L0009558     VOLUME   595520.517 4172154.533 99.84
   LOCATION L0009559     VOLUME   595533.724 4172152.269 99.87
   LOCATION L0009560     VOLUME   595546.939 4172150.058 99.92
   LOCATION L0009561     VOLUME   595560.282 4172148.827 100.02
   LOCATION L0009562     VOLUME   595573.625 4172147.595 100.18
   LOCATION L0009563     VOLUME   595586.997 4172146.793 100.30
   LOCATION L0009564     VOLUME   595600.386 4172146.264 100.48
   LOCATION L0009565     VOLUME   595613.776 4172145.736 100.70
   LOCATION L0009566     VOLUME   595627.123 4172144.590 100.75
   LOCATION L0009567     VOLUME   595640.456 4172143.257 100.86
   LOCATION L0009568     VOLUME   595652.947 4172138.563 100.79
   LOCATION L0009569     VOLUME   595665.256 4172133.332 100.81
   LOCATION L0009570     VOLUME   595674.876 4172124.003 100.73
   LOCATION L0009571     VOLUME   595682.895 4172113.651 100.62
   LOCATION L0009572     VOLUME   595687.328 4172101.006 100.51
   LOCATION L0009573     VOLUME   595689.877 4172087.978 100.46
   LOCATION L0009574     VOLUME   595690.725 4172074.605 100.42
   LOCATION L0009575     VOLUME   595690.806 4172061.226 100.37
   LOCATION L0009576     VOLUME   595690.174 4172047.840 100.29
   LOCATION L0009577     VOLUME   595689.543 4172034.455 100.24
** End of LINE VOLUME Source ID = HOTL_EXH
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_EXH
** DESCRSRC LIGHT DUTY CARS-EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 16
** 595170.436, 4172884.611, 100.05, 2.00, 6.23
** 595257.468, 4172608.921, 99.43, 2.00, 6.23
** 595368.466, 4172265.212, 99.01, 2.00, 6.23
** 595386.005, 4172226.467, 99.05, 2.00, 6.23
** 595405.941, 4172207.745, 99.18, 2.00, 6.23
** 595469.075, 4172174.675, 99.65, 2.00, 6.23
** 595511.165, 4172156.136, 99.81, 2.00, 6.23
** 595546.240, 4172150.123, 99.91, 2.00, 6.23
** 595578.809, 4172147.116, 100.20, 2.00, 6.23
** 595616.890, 4172145.613, 100.68, 2.00, 6.23
** 595641.943, 4172143.108, 100.84, 2.00, 6.23
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** 595664.992, 4172133.588, 100.80, 2.00, 6.23
** 595681.527, 4172117.554, 100.64, 2.00, 6.23
** 595689.432, 4172095.004, 100.50, 2.00, 6.23
** 595691.133, 4172068.168, 100.44, 2.00, 6.23
** 595689.117, 4172025.418, 100.41, 2.00, 6.23
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   LOCATION L0008833     VOLUME   595172.453 4172878.222 100.07
   LOCATION L0008834     VOLUME   595176.487 4172865.443 100.02
   LOCATION L0008835     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0008836     VOLUME   595184.555 4172839.887 99.93
   LOCATION L0008837     VOLUME   595188.589 4172827.108 99.87
   LOCATION L0008838     VOLUME   595192.623 4172814.330 99.81
   LOCATION L0008839     VOLUME   595196.657 4172801.552 99.78
   LOCATION L0008840     VOLUME   595200.691 4172788.773 99.70
   LOCATION L0008841     VOLUME   595204.725 4172775.995 99.67
   LOCATION L0008842     VOLUME   595208.759 4172763.216 99.52
   LOCATION L0008843     VOLUME   595212.793 4172750.438 99.56
   LOCATION L0008844     VOLUME   595216.827 4172737.660 99.41
   LOCATION L0008845     VOLUME   595220.861 4172724.881 99.59
   LOCATION L0008846     VOLUME   595224.895 4172712.103 99.51
   LOCATION L0008847     VOLUME   595228.929 4172699.324 99.63
   LOCATION L0008848     VOLUME   595232.963 4172686.546 99.52
   LOCATION L0008849     VOLUME   595236.997 4172673.768 99.65
   LOCATION L0008850     VOLUME   595241.031 4172660.989 99.61
   LOCATION L0008851     VOLUME   595245.065 4172648.211 99.68
   LOCATION L0008852     VOLUME   595249.099 4172635.433 99.67
   LOCATION L0008853     VOLUME   595253.133 4172622.654 99.71
   LOCATION L0008854     VOLUME   595257.167 4172609.876 99.74
   LOCATION L0008855     VOLUME   595261.278 4172597.122 99.78
   LOCATION L0008856     VOLUME   595265.396 4172584.371 99.85
   LOCATION L0008857     VOLUME   595269.514 4172571.619 99.83
   LOCATION L0008858     VOLUME   595273.632 4172558.868 99.85
   LOCATION L0008859     VOLUME   595277.750 4172546.116 99.80
   LOCATION L0008860     VOLUME   595281.868 4172533.365 99.78
   LOCATION L0008861     VOLUME   595285.986 4172520.613 99.75
   LOCATION L0008862     VOLUME   595290.104 4172507.861 99.68
   LOCATION L0008863     VOLUME   595294.222 4172495.110 99.66
   LOCATION L0008864     VOLUME   595298.340 4172482.358 99.67
   LOCATION L0008865     VOLUME   595302.458 4172469.607 99.62
   LOCATION L0008866     VOLUME   595306.576 4172456.855 99.66
   LOCATION L0008867     VOLUME   595310.694 4172444.104 99.66
   LOCATION L0008868     VOLUME   595314.812 4172431.352 99.71
   LOCATION L0008869     VOLUME   595318.930 4172418.601 99.67
   LOCATION L0008870     VOLUME   595323.048 4172405.849 99.58
   LOCATION L0008871     VOLUME   595327.166 4172393.097 99.52
   LOCATION L0008872     VOLUME   595331.284 4172380.346 99.43
   LOCATION L0008873     VOLUME   595335.402 4172367.594 99.38
   LOCATION L0008874     VOLUME   595339.520 4172354.843 99.46
   LOCATION L0008875     VOLUME   595343.638 4172342.091 99.45
   LOCATION L0008876     VOLUME   595347.756 4172329.340 99.45
   LOCATION L0008877     VOLUME   595351.874 4172316.588 99.35
   LOCATION L0008878     VOLUME   595355.992 4172303.837 99.31
   LOCATION L0008879     VOLUME   595360.110 4172291.085 99.19
   LOCATION L0008880     VOLUME   595364.229 4172278.334 99.13
   LOCATION L0008881     VOLUME   595368.347 4172265.582 99.02
   LOCATION L0008882     VOLUME   595373.832 4172253.359 99.01
   LOCATION L0008883     VOLUME   595379.358 4172241.151 98.99
   LOCATION L0008884     VOLUME   595384.884 4172228.944 99.02
   LOCATION L0008885     VOLUME   595393.791 4172219.155 99.10
   LOCATION L0008886     VOLUME   595403.559 4172209.982 99.15
   LOCATION L0008887     VOLUME   595414.917 4172203.043 99.24
   LOCATION L0008888     VOLUME   595426.787 4172196.826 99.27
   LOCATION L0008889     VOLUME   595438.657 4172190.608 99.38
   LOCATION L0008890     VOLUME   595450.527 4172184.390 99.48
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   LOCATION L0008891     VOLUME   595462.397 4172178.173 99.56
   LOCATION L0008892     VOLUME   595474.439 4172172.312 99.64
   LOCATION L0008893     VOLUME   595486.703 4172166.911 99.68
   LOCATION L0008894     VOLUME   595498.966 4172161.509 99.74
   LOCATION L0008895     VOLUME   595511.234 4172156.124 99.78
   LOCATION L0008896     VOLUME   595524.441 4172153.860 99.86
   LOCATION L0008897     VOLUME   595537.648 4172151.596 99.88
   LOCATION L0008898     VOLUME   595550.903 4172149.692 99.95
   LOCATION L0008899     VOLUME   595564.246 4172148.461 100.05
   LOCATION L0008900     VOLUME   595577.590 4172147.229 100.22
   LOCATION L0008901     VOLUME   595590.975 4172146.636 100.34
   LOCATION L0008902     VOLUME   595604.365 4172146.107 100.55
   LOCATION L0008903     VOLUME   595617.751 4172145.527 100.72
   LOCATION L0008904     VOLUME   595631.084 4172144.194 100.77
   LOCATION L0008905     VOLUME   595644.242 4172142.159 100.84
   LOCATION L0008906     VOLUME   595656.627 4172137.043 100.80
   LOCATION L0008907     VOLUME   595668.114 4172130.560 100.79
   LOCATION L0008908     VOLUME   595677.734 4172121.232 100.72
   LOCATION L0008909     VOLUME   595684.212 4172109.894 100.59
   LOCATION L0008910     VOLUME   595688.645 4172097.249 100.51
   LOCATION L0008911     VOLUME   595690.129 4172084.005 100.44
   LOCATION L0008912     VOLUME   595690.977 4172070.632 100.41
   LOCATION L0008913     VOLUME   595690.618 4172057.249 100.35
   LOCATION L0008914     VOLUME   595689.987 4172043.863 100.26
   LOCATION L0008915     VOLUME   595689.356 4172030.478 100.24
** End of LINE VOLUME Source ID = LD_EXH
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = FDXTRKEX
** DESCRSRC FEDEX TRUCKS ONROAD EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 8
** 595590.796, 4172081.472, 99.99, 3.05, 6.23
** 595603.786, 4172146.144, 100.54, 3.05, 6.23
** 595641.911, 4172141.625, 100.83, 3.05, 6.23
** 595656.879, 4172135.977, 100.72, 3.05, 6.23
** 595676.930, 4172120.445, 100.71, 3.05, 6.23
** 595688.226, 4172094.746, 100.48, 3.05, 6.23
** 595689.638, 4172054.361, 100.39, 3.05, 6.23
** 595687.944, 4172024.144, 100.39, 3.05, 6.23
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   LOCATION L0008916     VOLUME   595592.115 4172088.041 99.94
   LOCATION L0008917     VOLUME   595594.754 4172101.178 99.90
   LOCATION L0008918     VOLUME   595597.393 4172114.316 100.11
   LOCATION L0008919     VOLUME   595600.032 4172127.454 100.22
   LOCATION L0008920     VOLUME   595602.671 4172140.591 100.50
   LOCATION L0008921     VOLUME   595611.469 4172145.233 100.65
   LOCATION L0008922     VOLUME   595624.775 4172143.656 100.75
   LOCATION L0008923     VOLUME   595638.082 4172142.079 100.81
   LOCATION L0008924     VOLUME   595650.841 4172138.255 100.77
   LOCATION L0008925     VOLUME   595662.370 4172131.723 100.75
   LOCATION L0008926     VOLUME   595672.964 4172123.517 100.68
   LOCATION L0008927     VOLUME   595680.303 4172112.770 100.56
   LOCATION L0008928     VOLUME   595685.695 4172100.503 100.50
   LOCATION L0008929     VOLUME   595688.474 4172087.639 100.45
   LOCATION L0008930     VOLUME   595688.943 4172074.247 100.41
   LOCATION L0008931     VOLUME   595689.411 4172060.856 100.37
   LOCATION L0008932     VOLUME   595689.252 4172047.470 100.28
   LOCATION L0008933     VOLUME   595688.502 4172034.091 100.24
```

```
** End of LINE VOLUME Source ID = FDXTRKEX
   LOCATION GSFUEL1      VOLUME     595378.839  4172728.336      100.230
** DESCRSRC GAS STATION FUELING
   LOCATION GSFUEL2      VOLUME     595386.082  4172713.445      100.150
** DESCRSRC GAS STATION FUELING
   LOCATION GSFUEL3      VOLUME     595389.389  4172701.220      100.130
** DESCRSRC GAS STATION FUELING
   LOCATION GSSPILL1     VOLUME     595378.840  4172728.340      100.230
** DESCRSRC GAS STATION SPILLAGE
   LOCATION GSSPILL2     VOLUME     595386.080  4172713.450      100.150
** DESCRSRC GAS STATION SPILLAGE
   LOCATION GSSPILL3     VOLUME     595389.390  4172701.220      100.130
** DESCRSRC GAS STATION SPILLAGE
   LOCATION GS_VENT1     POINT      595378.830  4172728.360      100.230
** DESCRSRC VENT PIPE FOR 13M X 13M VOL SOURCE
   LOCATION GS VENT2     POINT      595386.082  4172713.447      100.150
** DESCRSRC VENT PIPE FOR 13M X 13M VOL SOURCE
   LOCATION GS_VENT3     POINT      595389.392  4172701.218      100.130
** DESCRSRC VENT PIPE FOR 13M X 6.5M VOL SOURCE
** --------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRIDL1
** DESCRSRC OTHER TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.25
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595223.593, 4172861.090, 100.54, 3.05, 4.65
** 595247.809, 4172808.537, 100.10, 3.05, 4.65
** --------------------------------------------------------------------
   LOCATION L0008952     VOLUME   595225.685 4172856.549 100.55
   LOCATION L0008953     VOLUME   595229.870 4172847.467 100.56
   LOCATION L0008954     VOLUME   595234.055 4172838.385 100.53
   LOCATION L0008955     VOLUME   595238.240 4172829.302 100.31
   LOCATION L0008956     VOLUME   595242.425 4172820.220 100.16
   LOCATION L0008957     VOLUME   595246.610 4172811.138 100.11
** End of LINE VOLUME Source ID = OTHRIDL1
** --------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRTRU1
** DESCRSRC OTHER TRUCK TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.25
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595223.593, 4172861.090, 100.54, 3.05, 4.65
** 595247.809, 4172808.537, 100.10, 3.05, 4.65
** --------------------------------------------------------------------
   LOCATION L0009068     VOLUME   595225.685 4172856.549 100.55
   LOCATION L0009069     VOLUME   595229.870 4172847.467 100.56
   LOCATION L0009070     VOLUME   595234.055 4172838.385 100.53
   LOCATION L0009071     VOLUME   595238.240 4172829.302 100.31
   LOCATION L0009072     VOLUME   595242.425 4172820.220 100.16
   LOCATION L0009073     VOLUME   595246.610 4172811.138 100.11
** End of LINE VOLUME Source ID = OTHRTRU1
** --------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRIDL2
```

```
** DESCRSRC OTHER TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.25
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595269.449, 4172723.524, 100.19, 3.05, 4.65
** 595290.816, 4172669.578, 100.16, 3.05, 4.65
** ------------------------------------------------------------------
   LOCATION L0008958     VOLUME   595271.290 4172718.875 100.26
   LOCATION L0008959     VOLUME   595274.973 4172709.578 100.22
   LOCATION L0008960     VOLUME   595278.655 4172700.281 100.07
   LOCATION L0008961     VOLUME   595282.338 4172690.984 99.86
   LOCATION L0008962     VOLUME   595286.020 4172681.686 99.81
   LOCATION L0008963     VOLUME   595289.703 4172672.389 100.04
** End of LINE VOLUME Source ID = OTHRIDL2
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRTRU2
** DESCRSRC OTHER TRUCK TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.25
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595269.449, 4172723.524, 100.19, 3.05, 4.65
** 595290.816, 4172669.578, 100.16, 3.05, 4.65
** ------------------------------------------------------------------
   LOCATION L0009080     VOLUME   595271.290 4172718.875 100.26
   LOCATION L0009081     VOLUME   595274.973 4172709.578 100.22
   LOCATION L0009082     VOLUME   595278.655 4172700.281 100.07
   LOCATION L0009083     VOLUME   595282.338 4172690.984 99.86
   LOCATION L0009084     VOLUME   595286.020 4172681.686 99.81
   LOCATION L0009085     VOLUME   595289.703 4172672.389 100.04
** End of LINE VOLUME Source ID = OTHRTRU2
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRIDL3
** DESCRSRC OTHER TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.25
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595407.549, 4172375.024, 100.05, 3.05, 4.65
** 595462.884, 4172392.316, 100.28, 3.05, 4.65
** ------------------------------------------------------------------
   LOCATION L0008964     VOLUME   595412.321 4172376.515 100.09
   LOCATION L0008965     VOLUME   595421.866 4172379.498 100.11
   LOCATION L0008966     VOLUME   595431.411 4172382.481 100.10
   LOCATION L0008967     VOLUME   595440.956 4172385.464 100.12
   LOCATION L0008968     VOLUME   595450.501 4172388.446 100.20
   LOCATION L0008969     VOLUME   595460.045 4172391.429 100.27
** End of LINE VOLUME Source ID = OTHRIDL3
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRTRU3
** DESCRSRC OTHER TRUCK TRU
```

```
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.25
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595407.549, 4172375.024, 100.05, 3.05, 4.65
** 595462.884, 4172392.316, 100.28, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0009092     VOLUME   595412.321 4172376.515 100.09
   LOCATION L0009093     VOLUME   595421.866 4172379.498 100.11
   LOCATION L0009094     VOLUME   595431.411 4172382.481 100.10
   LOCATION L0009095     VOLUME   595440.956 4172385.464 100.12
   LOCATION L0009096     VOLUME   595450.501 4172388.446 100.20
   LOCATION L0009097     VOLUME   595460.045 4172391.429 100.27
** End of LINE VOLUME Source ID = OTHRTRU3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRIDL4
** DESCRSRC OTHER TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.25
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595578.655, 4172111.212, 100.52, 3.05, 4.65
** 595570.020, 4172053.839, 100.25, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0008970     VOLUME   595577.911 4172106.268 100.39
   LOCATION L0008971     VOLUME   595576.423 4172096.379 100.35
   LOCATION L0008972     VOLUME   595574.934 4172086.490 100.35
   LOCATION L0008973     VOLUME   595573.446 4172076.602 100.28
   LOCATION L0008974     VOLUME   595571.958 4172066.713 100.22
   LOCATION L0008975     VOLUME   595570.469 4172056.825 100.25
** End of LINE VOLUME Source ID = OTHRIDL4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRTRU4
** DESCRSRC OTHER TRUCK TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.25
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595578.655, 4172111.212, 100.52, 3.05, 4.65
** 595570.020, 4172053.839, 100.25, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0009171     VOLUME   595577.911 4172106.268 100.39
   LOCATION L0009172     VOLUME   595576.423 4172096.379 100.35
   LOCATION L0009173     VOLUME   595574.934 4172086.490 100.35
   LOCATION L0009174     VOLUME   595573.446 4172076.602 100.28
   LOCATION L0009175     VOLUME   595571.958 4172066.713 100.22
   LOCATION L0009176     VOLUME   595570.469 4172056.825 100.25
** End of LINE VOLUME Source ID = OTHRTRU4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HOTL_IDL
** DESCRSRC Hotel-Retail Truck Idling
** PREFIX
```

```
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595522.837, 4172240.183, 100.59, 3.05, 4.65
** 595483.996, 4172230.488, 100.57, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0009469     VOLUME   595517.986 4172238.972 100.54
   LOCATION L0009470     VOLUME   595508.284 4172236.550 100.66
   LOCATION L0009471     VOLUME   595498.581 4172234.129 100.84
   LOCATION L0009472     VOLUME   595488.879 4172231.707 100.66
** End of LINE VOLUME Source ID = HOTL_IDL
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HOTL_TRU
** DESCRSRC Hotel-Retail Truck TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595522.837, 4172240.183, 100.59, 3.05, 4.65
** 595483.996, 4172230.488, 100.57, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0009543     VOLUME   595517.986 4172238.972 100.54
   LOCATION L0009544     VOLUME   595508.284 4172236.550 100.66
   LOCATION L0009545     VOLUME   595498.581 4172234.129 100.84
   LOCATION L0009546     VOLUME   595488.879 4172231.707 100.66
** End of LINE VOLUME Source ID = HOTL_TRU
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE1
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 0.2
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595381.323, 4172697.047, 100.14, 2.00, 1.72
** 595362.642, 4172689.837, 100.38, 2.00, 1.72
** ----------------------------------------------------------------------
   LOCATION L0009005     VOLUME   595379.597 4172696.381 100.12
   LOCATION L0009006     VOLUME   595376.145 4172695.049 100.10
   LOCATION L0009007     VOLUME   595372.693 4172693.717 100.08
   LOCATION L0009008     VOLUME   595369.242 4172692.385 100.14
   LOCATION L0009009     VOLUME   595365.790 4172691.052 100.23
** End of LINE VOLUME Source ID = LD_IDLE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE2
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 0.2
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
```

```
** 595378.554, 4172704.264, 100.08, 2.00, 1.72
** 595359.873, 4172697.054, 100.34, 2.00, 1.72
** ----------------------------------------------------------------------
   LOCATION L0009145     VOLUME   595376.828 4172703.598 100.07
   LOCATION L0009146     VOLUME   595373.376 4172702.266 100.05
   LOCATION L0009147     VOLUME   595369.925 4172700.933 100.07
   LOCATION L0009148     VOLUME   595366.473 4172699.601 100.16
   LOCATION L0009149     VOLUME   595363.021 4172698.269 100.25
** End of LINE VOLUME Source ID = LD_IDLE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE3
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 0.2
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595375.673, 4172712.431, 100.19, 2.00, 1.72
** 595356.991, 4172705.220, 100.37, 2.00, 1.72
** ----------------------------------------------------------------------
   LOCATION L0009160     VOLUME   595373.947 4172711.764 100.16
   LOCATION L0009161     VOLUME   595370.495 4172710.432 100.16
   LOCATION L0009162     VOLUME   595367.043 4172709.100 100.20
   LOCATION L0009163     VOLUME   595363.591 4172707.768 100.27
   LOCATION L0009164     VOLUME   595360.139 4172706.435 100.31
** End of LINE VOLUME Source ID = LD_IDLE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE4
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 0.2
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595372.635, 4172719.505, 100.22, 2.00, 1.72
** 595353.954, 4172712.295, 100.33, 2.00, 1.72
** ----------------------------------------------------------------------
   LOCATION L0009155     VOLUME   595370.909 4172718.839 100.22
   LOCATION L0009156     VOLUME   595367.457 4172717.507 100.22
   LOCATION L0009157     VOLUME   595364.005 4172716.174 100.24
   LOCATION L0009158     VOLUME   595360.554 4172714.842 100.26
   LOCATION L0009159     VOLUME   595357.102 4172713.510 100.29
** End of LINE VOLUME Source ID = LD_IDLE4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE5
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 0.2
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595370.018, 4172725.624, 100.09, 2.00, 1.72
** 595351.337, 4172718.413, 100.36, 2.00, 1.72
** ----------------------------------------------------------------------
   LOCATION L0009140     VOLUME   595368.292 4172724.957 100.01
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   LOCATION L0009141     VOLUME   595364.840 4172723.625 99.95
   LOCATION L0009142     VOLUME   595361.389 4172722.293 99.95
   LOCATION L0009143     VOLUME   595357.937 4172720.961 100.04
   LOCATION L0009144     VOLUME   595354.485 4172719.628 100.13
** End of LINE VOLUME Source ID = LD_IDLE5
** Source Parameters **
   SRCPARAM CSCO_GEN          1.0     2.162   746.550  21.79819     0.457
   SRCPARAM HOTELGEN          1.0     2.162   746.550  21.79819     0.457
** LINE VOLUME Source ID = FDXTRKIDL
   SRCPARAM L0000001          0.2      3.05      4.65      2.84
   SRCPARAM L0000002          0.2      3.05      4.65      2.84
   SRCPARAM L0000003          0.2      3.05      4.65      2.84
   SRCPARAM L0000004          0.2      3.05      4.65      2.84
   SRCPARAM L0000005          0.2      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = FDXTRKTRU
   SRCPARAM L0009115          0.2      3.05      4.65      2.84
   SRCPARAM L0009116          0.2      3.05      4.65      2.84
   SRCPARAM L0009117          0.2      3.05      4.65      2.84
   SRCPARAM L0009118          0.2      3.05      4.65      2.84
   SRCPARAM L0009119          0.2      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = CSTRKIDL
   SRCPARAM L0008404     0.1666666667      3.05      4.65      2.84
   SRCPARAM L0008405     0.1666666667      3.05      4.65      2.84
   SRCPARAM L0008406     0.1666666667      3.05      4.65      2.84
   SRCPARAM L0008407     0.1666666667      3.05      4.65      2.84
   SRCPARAM L0008408     0.1666666667      3.05      4.65      2.84
   SRCPARAM L0008409     0.1666666667      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = CSCO_TRU
   SRCPARAM L0009104     0.1666666667      3.05      4.65      2.84
   SRCPARAM L0009105     0.1666666667      3.05      4.65      2.84
   SRCPARAM L0009106     0.1666666667      3.05      4.65      2.84
   SRCPARAM L0009107     0.1666666667      3.05      4.65      2.84
   SRCPARAM L0009108     0.1666666667      3.05      4.65      2.84
   SRCPARAM L0009109     0.1666666667      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = GSTRKIDL
   SRCPARAM L0008980          0.25      3.05      4.65      2.84
   SRCPARAM L0008981          0.25      3.05      4.65      2.84
   SRCPARAM L0008982          0.25      3.05      4.65      2.84
   SRCPARAM L0008983          0.25      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = DEL_EXH
   SRCPARAM L0008414     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008415     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008416     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008417     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008418     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008419     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008420     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008421     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008422     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008423     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008424     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008425     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008426     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008427     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008428     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008429     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008430     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008431     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008432     0.0117647059      3.05      6.23      2.84
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SRCPARAM L0008433     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008434     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008435     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008436     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008437     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008438     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008439     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008440     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008441     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008442     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008443     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008444     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008445     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008446     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008447     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008448     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008449     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008450     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008451     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008452     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008453     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008454     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008455     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008456     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008457     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008458     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008459     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008460     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008461     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008462     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008463     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008464     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008465     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008466     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008467     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008468     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008469     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008470     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008471     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008472     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008473     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008474     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008475     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008476     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008477     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008478     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008479     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008480     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008481     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008482     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008483     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008484     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008485     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008486     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008487     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008488     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008489     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008490     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008491     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008492     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008493     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008494     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008495     0.0117647059      3.05      6.23      2.84
SRCPARAM L0008496     0.0117647059      3.05      6.23      2.84
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   SRCPARAM L0008497     0.0117647059      3.05      6.23      2.84
   SRCPARAM L0008498     0.0117647059      3.05      6.23      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHR_EXH
   SRCPARAM L0008499     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008500     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008501     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008502     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008503     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008504     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008505     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008506     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008507     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008508     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008509     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008510     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008511     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008512     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008513     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008514     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008515     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008516     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008517     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008518     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008519     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008520     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008521     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008522     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008523     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008524     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008525     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008526     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008527     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008528     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008529     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008530     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008531     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008532     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008533     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008534     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008535     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008536     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008537     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008538     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008539     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008540     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008541     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008542     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008543     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008544     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008545     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008546     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008547     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008548     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008549     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008550     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008551     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008552     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008553     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008554     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008555     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008556     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008557     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008558     0.0120481928      3.05      6.23      2.84
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   SRCPARAM L0008559     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008560     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008561     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008562     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008563     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008564     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008565     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008566     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008567     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008568     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008569     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008570     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008571     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008572     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008573     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008574     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008575     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008576     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008577     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008578     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008579     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008580     0.0120481928      3.05      6.23      2.84
   SRCPARAM L0008581     0.0120481928      3.05      6.23      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HOTL_EXH
   SRCPARAM L0009547     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009548     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009549     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009550     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009551     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009552     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009553     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009554     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009555     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009556     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009557     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009558     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009559     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009560     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009561     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009562     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009563     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009564     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009565     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009566     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009567     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009568     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009569     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009570     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009571     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009572     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009573     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009574     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009575     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009576     0.0322580645      3.05      6.23      2.84
   SRCPARAM L0009577     0.0322580645      3.05      6.23      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = LD_EXH
   SRCPARAM L0008833     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008834     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008835     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008836     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008837     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008838     0.0120481928      2.00      6.23      1.86
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SRCPARAM L0008839     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008840     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008841     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008842     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008843     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008844     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008845     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008846     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008847     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008848     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008849     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008850     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008851     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008852     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008853     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008854     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008855     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008856     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008857     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008858     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008859     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008860     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008861     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008862     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008863     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008864     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008865     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008866     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008867     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008868     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008869     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008870     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008871     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008872     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008873     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008874     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008875     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008876     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008877     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008878     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008879     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008880     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008881     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008882     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008883     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008884     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008885     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008886     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008887     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008888     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008889     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008890     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008891     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008892     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008893     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008894     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008895     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008896     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008897     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008898     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008899     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008900     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008901     0.0120481928      2.00      6.23      1.86
SRCPARAM L0008902     0.0120481928      2.00      6.23      1.86
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   SRCPARAM L0008903     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008904     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008905     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008906     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008907     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008908     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008909     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008910     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008911     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008912     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008913     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008914     0.0120481928      2.00      6.23      1.86
   SRCPARAM L0008915     0.0120481928      2.00      6.23      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = FDXTRKEX
   SRCPARAM L0008916     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008917     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008918     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008919     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008920     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008921     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008922     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008923     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008924     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008925     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008926     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008927     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008928     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008929     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008930     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008931     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008932     0.0555555556      3.05      6.23      2.84
   SRCPARAM L0008933     0.0555555556      3.05      6.23      2.84
** ------------------------------------------------------------------
   SRCPARAM GSFUEL1             0.4     1.000     3.023     1.860
   SRCPARAM GSFUEL2             0.4     1.000     3.023     1.860
   SRCPARAM GSFUEL3             0.2     1.000     2.138     1.860
   SRCPARAM GSSPILL1            0.4     0.000     3.023     1.860
   SRCPARAM GSSPILL2            0.4     0.000     3.023     1.860
   SRCPARAM GSSPILL3            0.2     0.000     2.138     1.860
   SRCPARAM GS_VENT1          0.333     3.658   288.706   0.02444     0.051
   SRCPARAM GS_VENT2          0.333     3.658   288.706   0.02444     0.051
   SRCPARAM GS_VENT3          0.333     3.658   288.706   0.02444     0.051
** LINE VOLUME Source ID = OTHRIDL1
   SRCPARAM L0008952     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008953     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008954     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008955     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008956     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008957     0.0416666667      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHRTRU1
   SRCPARAM L0009068     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009069     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009070     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009071     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009072     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009073     0.0416666667      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHRIDL2
   SRCPARAM L0008958     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008959     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008960     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008961     0.0416666667      3.05      4.65      2.84
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   SRCPARAM L0008962     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008963     0.0416666667      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHRTRU2
   SRCPARAM L0009080     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009081     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009082     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009083     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009084     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009085     0.0416666667      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHRIDL3
   SRCPARAM L0008964     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008965     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008966     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008967     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008968     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008969     0.0416666667      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHRTRU3
   SRCPARAM L0009092     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009093     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009094     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009095     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009096     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009097     0.0416666667      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHRIDL4
   SRCPARAM L0008970     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008971     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008972     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008973     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008974     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0008975     0.0416666667      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHRTRU4
   SRCPARAM L0009171     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009172     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009173     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009174     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009175     0.0416666667      3.05      4.65      2.84
   SRCPARAM L0009176     0.0416666667      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HOTL_IDL
   SRCPARAM L0009469          0.25         3.05      4.65      2.84
   SRCPARAM L0009470          0.25         3.05      4.65      2.84
   SRCPARAM L0009471          0.25         3.05      4.65      2.84
   SRCPARAM L0009472          0.25         3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HOTL_TRU
   SRCPARAM L0009543          0.25         3.05      4.65      2.84
   SRCPARAM L0009544          0.25         3.05      4.65      2.84
   SRCPARAM L0009545          0.25         3.05      4.65      2.84
   SRCPARAM L0009546          0.25         3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE1
   SRCPARAM L0009005          0.04         2.00      1.72      1.86
   SRCPARAM L0009006          0.04         2.00      1.72      1.86
   SRCPARAM L0009007          0.04         2.00      1.72      1.86
   SRCPARAM L0009008          0.04         2.00      1.72      1.86
   SRCPARAM L0009009          0.04         2.00      1.72      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE2
   SRCPARAM L0009145          0.04         2.00      1.72      1.86
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   SRCPARAM L0009146          0.04      2.00      1.72      1.86
   SRCPARAM L0009147          0.04      2.00      1.72      1.86
   SRCPARAM L0009148          0.04      2.00      1.72      1.86
   SRCPARAM L0009149          0.04      2.00      1.72      1.86
** ----------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE3
   SRCPARAM L0009160          0.04      2.00      1.72      1.86
   SRCPARAM L0009161          0.04      2.00      1.72      1.86
   SRCPARAM L0009162          0.04      2.00      1.72      1.86
   SRCPARAM L0009163          0.04      2.00      1.72      1.86
   SRCPARAM L0009164          0.04      2.00      1.72      1.86
** ----------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE4
   SRCPARAM L0009155          0.04      2.00      1.72      1.86
   SRCPARAM L0009156          0.04      2.00      1.72      1.86
   SRCPARAM L0009157          0.04      2.00      1.72      1.86
   SRCPARAM L0009158          0.04      2.00      1.72      1.86
   SRCPARAM L0009159          0.04      2.00      1.72      1.86
** ----------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE5
   SRCPARAM L0009140          0.04      2.00      1.72      1.86
   SRCPARAM L0009141          0.04      2.00      1.72      1.86
   SRCPARAM L0009142          0.04      2.00      1.72      1.86
   SRCPARAM L0009143          0.04      2.00      1.72      1.86
   SRCPARAM L0009144          0.04      2.00      1.72      1.86
** ----------------------------------------------------------------

** Building Downwash **
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19

   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76

   BUILDHGT GS_VENT1         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT1         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT1         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT1         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT1         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT1         0.00     0.00     0.00     0.00     0.00     0.00

   BUILDHGT GS_VENT2         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT2         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT2         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT2         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT2         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT2         0.00     0.00     0.00     0.00     0.00     0.00

   BUILDHGT GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00

   BUILDWID CSCO_GEN       147.22   156.52   164.15   166.80   164.38   156.97
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BUILDWID CSCO_GEN	145.11	155.42	161.22	163.61	164.69	160.76
BUILDWID CSCO_GEN	151.95	138.52	120.89	99.61	119.03	135.18
BUILDWID CSCO_GEN	147.22	156.52	164.15	166.80	164.38	156.97
BUILDWID CSCO_GEN	145.11	155.42	161.22	163.61	164.69	160.76
BUILDWID CSCO_GEN	151.95	138.52	120.89	99.61	119.03	135.18
BUILDWID HOTELGEN	103.58	96.94	87.35	75.11	60.59	44.23
BUILDWID HOTELGEN	26.52	37.28	54.24	69.56	82.76	93.45
BUILDWID HOTELGEN	101.30	106.07	107.62	105.90	107.31	107.07
BUILDWID HOTELGEN	103.58	96.94	87.35	75.11	60.59	44.23
BUILDWID HOTELGEN	26.52	37.28	54.24	69.56	82.76	93.45
BUILDWID HOTELGEN	101.30	106.07	107.62	105.90	107.31	107.07
BUILDWID GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN CSCO_GEN	163.61	164.69	160.76	151.95	138.52	120.89
BUILDLEN CSCO_GEN	99.61	119.03	135.18	147.22	156.52	164.15
BUILDLEN CSCO_GEN	166.80	164.38	156.97	145.11	155.42	161.22
BUILDLEN CSCO_GEN	163.61	164.69	160.76	151.95	138.52	120.89
BUILDLEN CSCO_GEN	99.61	119.03	135.18	147.22	156.52	164.15
BUILDLEN CSCO_GEN	166.80	164.38	156.97	145.11	155.42	161.22
BUILDLEN HOTELGEN	69.56	82.76	93.45	101.30	106.07	107.62
BUILDLEN HOTELGEN	105.90	107.31	107.07	103.58	96.94	87.35
BUILDLEN HOTELGEN	75.11	60.59	44.23	26.52	37.28	54.24
BUILDLEN HOTELGEN	69.56	82.76	93.45	101.30	106.07	107.62
BUILDLEN HOTELGEN	105.90	107.31	107.07	103.58	96.94	87.35
BUILDLEN HOTELGEN	75.11	60.59	44.23	26.52	37.28	54.24
BUILDLEN GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00

BUILDLEN	GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN	GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN	GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN	GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	CSCO_GEN	-121.74	-111.97	-98.80	-82.62	-63.94	-43.31
XBADJ	CSCO_GEN	-21.37	-17.33	-13.12	-8.51	-5.36	-5.15
XBADJ	CSCO_GEN	-4.78	-4.27	-3.62	-3.19	-16.73	-29.75
XBADJ	CSCO_GEN	-41.87	-52.72	-61.96	-69.33	-74.58	-77.58
XBADJ	CSCO_GEN	-78.24	-101.69	-122.06	-138.72	-151.16	-159.01
XBADJ	CSCO_GEN	-162.02	-160.12	-153.35	-141.92	-138.69	-131.47
XBADJ	HOTELGEN	-59.07	-69.38	-77.58	-83.43	-86.73	-87.41
XBADJ	HOTELGEN	-85.42	-84.02	-80.87	-75.26	-67.36	-57.42
XBADJ	HOTELGEN	-45.73	-32.65	-18.59	-3.95	-3.84	-7.27
XBADJ	HOTELGEN	-10.48	-13.38	-15.87	-17.87	-19.34	-20.21
XBADJ	HOTELGEN	-20.47	-23.29	-26.20	-28.32	-29.57	-29.93
XBADJ	HOTELGEN	-29.38	-27.93	-25.64	-22.57	-33.44	-46.97
XBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	GS_VENT3	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	CSCO GEN	-65.10	-72.90	-76.93	-78.62	-77.93	-74.86
YBADJ	CSCO_GEN	-69.36	-60.98	-50.86	-39.93	-29.63	-18.42
YBADJ	CSCO_GEN	-6.65	5.32	17.13	28.44	42.18	54.47
YBADJ	CSCO_GEN	65.10	72.90	76.93	78.62	77.93	74.86
YBADJ	CSCO_GEN	69.36	60.98	50.86	39.93	29.63	18.42
YBADJ	CSCO_GEN	6.65	-5.32	-17.13	-28.44	-42.18	-54.47
YBADJ	HOTELGEN	23.47	18.90	13.75	8.18	2.36	-3.53
YBADJ	HOTELGEN	-9.31	-14.80	-19.85	-24.30	-28.00	-30.86
YBADJ	HOTELGEN	-32.78	-33.70	-33.60	-32.48	-30.37	-27.33
YBADJ	HOTELGEN	-23.47	-18.90	-13.75	-8.18	-2.36	3.53
YBADJ	HOTELGEN	9.31	14.80	19.85	24.30	28.00	30.86
YBADJ	HOTELGEN	32.78	33.70	33.60	32.48	30.37	27.33
YBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	GS_VENT1	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	GS_VENT2	0.00	0.00	0.00	0.00	0.00	0.00

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   YBADJ    GS_VENT2         0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    GS_VENT2         0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    GS_VENT2         0.00     0.00     0.00     0.00     0.00     0.00

   YBADJ    GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    GS_VENT3         0.00     0.00     0.00     0.00     0.00     0.00

   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "hotelGen"
   EMISFACT HOTELGEN     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HOTELGEN     HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HOTELGEN     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HOTELGEN     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "CostcoStore"
** WeekDays:
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0008404     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008404     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008404     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008404     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0008404     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008404     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008404     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008404     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008404     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008404     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008404     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008404     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008405     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008405     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008405     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0008405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008405     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008405     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008405     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008405     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008405     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008405     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008406     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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   EMISFACT L0008406     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008406     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0008406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008406     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008406     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008406     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008406     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008406     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008406     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008407     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008407     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008407     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0008407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008407     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008407     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008407     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008407     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008407     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008407     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0008408     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008408     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0008408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008408     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008408     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0008408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008408     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008408     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0008409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008409     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008409     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008409     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0008409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008409     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008409     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008409     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008409     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008409     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008409     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0008414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008414     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008414     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008414     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0008414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008414     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008414     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008414     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008414     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008414     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008414     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008415     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008415     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0008415     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0008415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008415     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008415     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008415     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008415     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008415     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0008416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008416     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0008416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008416     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008416     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0008416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008417     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0008417     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0008417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008418     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0008418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008419     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008419     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008420     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0008420     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008420     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008420     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0008421     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0008421     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008421     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0008422     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0008422     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008423     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008423     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
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EMISFACT L0008425     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
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EMISFACT L0008425     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008425     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008425     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0008426     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0008426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008493     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0008493     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008493     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008493     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008493     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008493     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008493     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008493     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008493     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008494     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008494     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008494     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0008494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008494     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008494     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008494     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008494     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008494     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008494     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008495     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008495     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008495     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0008495     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0008495     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008495     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008495     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008495     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008495     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008495     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008495     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008495     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008496     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008496     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008496     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0008496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008496     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008496     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008496     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008496     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008496     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008496     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008497     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008497     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008497     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0008497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008497     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008497     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008497     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008497     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008497     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008497     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008498     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008498     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008498     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0008498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008498     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008498     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008498     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008498     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008498     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008498     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0009104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009104     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009104     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009104     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009104     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009104     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009104     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009104     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009104     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009104     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009105     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009105     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009105     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
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   EMISFACT L0009105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009105     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009105     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009105     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009105     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009105     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009105     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009106     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009106     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009106     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009106     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009106     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009106     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009106     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009106     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009106     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009107     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009107     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009107     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009107     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009107     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009107     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009107     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009107     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009107     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009108     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009108     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009108     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009108     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009108     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009108     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009108     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009108     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009108     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009109     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009109     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009109     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009109     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009109     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009109     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009109     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009109     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009109     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "GasStation"
** WeekDays:
   EMISFACT L0008980     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008980     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0008980     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008980     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0008980     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008980     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008980     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008980     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0008980     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008980     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008980     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008980     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0008981     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008981     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008981     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008981     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0008981     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008981     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008981     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008981     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0008981     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008981     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008981     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008981     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0008982     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008982     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008982     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008982     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0008982     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008982     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008982     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008982     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0008982     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008982     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008982     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008982     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0008983     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008983     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008983     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008983     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0008983     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008983     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008983     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008983     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0008983     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008983     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008983     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008983     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT GSFUEL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL1      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL1      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL1      HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT GSFUEL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL1      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL1      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL1      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL1      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL1      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL1      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
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   EMISFACT GSFUEL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL2      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL2      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL2      HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT GSFUEL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL2      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL2      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL2      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL2      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL2      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL2      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT GSFUEL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL3      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL3      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL3      HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT GSFUEL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL3      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL3      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL3      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSFUEL3      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL3      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSFUEL3      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT GSSPILL1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL1     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL1     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL1     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT GSSPILL1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL1     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL1     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL1     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL1     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL1     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL1     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT GSSPILL2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL2     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL2     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL2     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT GSSPILL2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL2     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL2     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL2     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL2     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL2     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL2     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT GSSPILL3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL3     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL3     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL3     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
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   EMISFACT GSSPILL3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL3     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL3     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL3     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GSSPILL3     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL3     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GSSPILL3     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0009005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009005     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009005     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009005     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009005     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009006     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009006     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009006     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009006     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009007     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009007     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009007     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009007     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009008     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009008     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009008     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009008     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009009     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0009009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009009     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009009     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009009     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0009145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009145     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009145     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009145     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009145     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009145     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009145     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009145     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009145     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009145     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009146     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009146     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009146     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009146     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009147     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009147     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009147     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009147     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009147     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009147     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009147     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009147     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009147     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009148     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009148     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009148     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009148     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009149     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009149     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009149     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009149     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0009160     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009160     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009160     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009160     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009160     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009160     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009160     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009161     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009161     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009161     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009161     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009161     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009161     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009161     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009162     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009162     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009162     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009162     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009162     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009162     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009162     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009163     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009163     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009163     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009163     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009163     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009163     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009163     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009163     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009163     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009163     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009163     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009163     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009164     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009164     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009164     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009164     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009164     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009164     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009164     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009164     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009164     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009164     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009164     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009164     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0009155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009155     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009155     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009155     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009155     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009156     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009156     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009156     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009156     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009157     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009157     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009157     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009157     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009158     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009158     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009158     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009158     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009159     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009159     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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   EMISFACT L0009159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009159     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009159     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0009140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009140     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009140     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009140     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009140     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009140     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009140     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009140     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009140     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009140     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009141     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009141     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009141     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009141     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009142     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009142     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009142     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009142     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009142     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009142     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009142     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009142     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009142     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009143     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009143     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009143     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009143     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009143     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009143     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009143     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009143     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009143     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009144     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009144     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009144     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009144     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009144     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009144     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0009144     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009144     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009144     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Fedex"
** WeekDays:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0000004     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000004     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0000004     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0000005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000005     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0000005     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0008916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008916     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008916     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008916     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008916     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008916     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0008916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008917     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008917     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008917     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008917     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008917     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008917     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008917     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0008917     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008917     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008917     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008917     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008918     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008918     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008918     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008918     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008918     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0008918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008919     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008919     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008919     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008919     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008919     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0008919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008920     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008920     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008920     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008920     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008920     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0008920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008921     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008921     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008921     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008921     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008921     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008921     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008921     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0008921     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008921     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008921     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008921     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008922     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008922     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008922     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008922     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008922     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008922     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008922     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0008922     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008922     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008922     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008922     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008922     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008923     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008923     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008923     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008923     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008923     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0008923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008924     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008924     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008924     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008924     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008924     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0008924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008925     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008925     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008925     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008925     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008925     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0008925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0008926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008926     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008926     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008926     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008926     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008926     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0008926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008927     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008927     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008927     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008927     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008927     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0008927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008928     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008928     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008928     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008928     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008928     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0008928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008929     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008929     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008929     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008929     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008929     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0008929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008930     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008930     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008930     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008930     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008930     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0008930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008931     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0008931     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0008931     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0008931     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0008931     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008931     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008931     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0008931     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008931     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008931     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008931     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008931     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008932     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008932     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008932     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008932     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008932     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008932     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008932     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0008932     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008932     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008932     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008932     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008932     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008933     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008933     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008933     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0008933     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008933     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008933     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0008933     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0008933     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008933     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008933     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0008933     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0009115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009115     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009115     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009115     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009115     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009115     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009116     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009116     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009116     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009116     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009116     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009117     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009117     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009117     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0009117     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009117     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009118     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009118     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009118     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009118     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009118     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009119     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009119     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009119     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009119     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009119     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
   SRCGROUP CSCO-GEN CSCO_GEN
   SRCGROUP HOTL-GEN HOTELGEN
   SRCGROUP DEL-EXH  L0008414 L0008415 L0008416 L0008417 L0008418 L0008419
   SRCGROUP DEL-EXH  L0008420 L0008421 L0008422 L0008423 L0008424 L0008425
   SRCGROUP DEL-EXH  L0008426 L0008427 L0008428 L0008429 L0008430 L0008431
   SRCGROUP DEL-EXH  L0008432 L0008433 L0008434 L0008435 L0008436 L0008437
   SRCGROUP DEL-EXH  L0008438 L0008439 L0008440 L0008441 L0008442 L0008443
   SRCGROUP DEL-EXH  L0008444 L0008445 L0008446 L0008447 L0008448 L0008449
   SRCGROUP DEL-EXH  L0008450 L0008451 L0008452 L0008453 L0008454 L0008455
   SRCGROUP DEL-EXH  L0008456 L0008457 L0008458 L0008459 L0008460 L0008461
   SRCGROUP DEL-EXH  L0008462 L0008463 L0008464 L0008465 L0008466 L0008467
   SRCGROUP DEL-EXH  L0008468 L0008469 L0008470 L0008471 L0008472 L0008473
   SRCGROUP DEL-EXH  L0008474 L0008475 L0008476 L0008477 L0008478 L0008479
   SRCGROUP DEL-EXH  L0008480 L0008481 L0008482 L0008483 L0008484 L0008485
   SRCGROUP DEL-EXH  L0008486 L0008487 L0008488 L0008489 L0008490 L0008491
   SRCGROUP DEL-EXH  L0008492 L0008493 L0008494 L0008495 L0008496 L0008497
   SRCGROUP DEL-EXH  L0008498
   SRCGROUP CSCO-IDL L0008404 L0008405 L0008406 L0008407 L0008408 L0008409
   SRCGROUP GSTRKIDL L0008980 L0008981 L0008982 L0008983
   SRCGROUP FDX-EXH  L0008916 L0008917 L0008918 L0008919 L0008920 L0008921
   SRCGROUP FDX-EXH  L0008922 L0008923 L0008924 L0008925 L0008926 L0008927
   SRCGROUP FDX-EXH  L0008928 L0008929 L0008930 L0008931 L0008932 L0008933
   SRCGROUP FDX-IDLE L0000001 L0000002 L0000003 L0000004 L0000005
   SRCGROUP GAS-FUEL GSFUEL1 GSFUEL2 GSFUEL3
   SRCGROUP GAS-VENT GS_VENT1 GS_VENT2 GS_VENT3
   SRCGROUP GAS-SPIL GSSPILL1 GSSPILL2 GSSPILL3
   SRCGROUP OTHR-EXH L0008499 L0008500 L0008501 L0008502 L0008503 L0008504
   SRCGROUP OTHR-EXH L0008505 L0008506 L0008507 L0008508 L0008509 L0008510
   SRCGROUP OTHR-EXH L0008511 L0008512 L0008513 L0008514 L0008515 L0008516
   SRCGROUP OTHR-EXH L0008517 L0008518 L0008519 L0008520 L0008521 L0008522
   SRCGROUP OTHR-EXH L0008523 L0008524 L0008525 L0008526 L0008527 L0008528
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   SRCGROUP OTHR-EXH L0008529 L0008530 L0008531 L0008532 L0008533 L0008534
   SRCGROUP OTHR-EXH L0008535 L0008536 L0008537 L0008538 L0008539 L0008540
   SRCGROUP OTHR-EXH L0008541 L0008542 L0008543 L0008544 L0008545 L0008546
   SRCGROUP OTHR-EXH L0008547 L0008548 L0008549 L0008550 L0008551 L0008552
   SRCGROUP OTHR-EXH L0008553 L0008554 L0008555 L0008556 L0008557 L0008558
   SRCGROUP OTHR-EXH L0008559 L0008560 L0008561 L0008562 L0008563 L0008564
   SRCGROUP OTHR-EXH L0008565 L0008566 L0008567 L0008568 L0008569 L0008570
   SRCGROUP OTHR-EXH L0008571 L0008572 L0008573 L0008574 L0008575 L0008576
   SRCGROUP OTHR-EXH L0008577 L0008578 L0008579 L0008580 L0008581
   SRCGROUP OTHR-IDL L0008952 L0008953 L0008954 L0008955 L0008956 L0008957
   SRCGROUP OTHR-IDL L0008958 L0008959 L0008960 L0008961 L0008962 L0008963
   SRCGROUP OTHR-IDL L0008964 L0008965 L0008966 L0008967 L0008968 L0008969
   SRCGROUP OTHR-IDL L0008970 L0008971 L0008972 L0008973 L0008974 L0008975
   SRCGROUP LD-EXH   L0008833 L0008834 L0008835 L0008836 L0008837 L0008838
   SRCGROUP LD-EXH   L0008839 L0008840 L0008841 L0008842 L0008843 L0008844
   SRCGROUP LD-EXH   L0008845 L0008846 L0008847 L0008848 L0008849 L0008850
   SRCGROUP LD-EXH   L0008851 L0008852 L0008853 L0008854 L0008855 L0008856
   SRCGROUP LD-EXH   L0008857 L0008858 L0008859 L0008860 L0008861 L0008862
   SRCGROUP LD-EXH   L0008863 L0008864 L0008865 L0008866 L0008867 L0008868
   SRCGROUP LD-EXH   L0008869 L0008870 L0008871 L0008872 L0008873 L0008874
   SRCGROUP LD-EXH   L0008875 L0008876 L0008877 L0008878 L0008879 L0008880
   SRCGROUP LD-EXH   L0008881 L0008882 L0008883 L0008884 L0008885 L0008886
   SRCGROUP LD-EXH   L0008887 L0008888 L0008889 L0008890 L0008891 L0008892
   SRCGROUP LD-EXH   L0008893 L0008894 L0008895 L0008896 L0008897 L0008898
   SRCGROUP LD-EXH   L0008899 L0008900 L0008901 L0008902 L0008903 L0008904
   SRCGROUP LD-EXH   L0008905 L0008906 L0008907 L0008908 L0008909 L0008910
   SRCGROUP LD-EXH   L0008911 L0008912 L0008913 L0008914 L0008915
   SRCGROUP CSCO-TRU L0009104 L0009105 L0009106 L0009107 L0009108 L0009109
   SRCGROUP FDX-TRU  L0009115 L0009116 L0009117 L0009118 L0009119
   SRCGROUP LD-IDLE  L0009005 L0009006 L0009007 L0009008 L0009009 L0009145
   SRCGROUP LD-IDLE  L0009146 L0009147 L0009148 L0009149 L0009160 L0009161
   SRCGROUP LD-IDLE  L0009162 L0009163 L0009164 L0009155 L0009156 L0009157
   SRCGROUP LD-IDLE  L0009158 L0009159 L0009140 L0009141 L0009142 L0009143
   SRCGROUP LD-IDLE  L0009144
   SRCGROUP OTH-TRU  L0009068 L0009069 L0009070 L0009071 L0009072 L0009073
   SRCGROUP OTH-TRU  L0009080 L0009081 L0009082 L0009083 L0009084 L0009085
   SRCGROUP OTH-TRU  L0009092 L0009093 L0009094 L0009095 L0009096 L0009097
   SRCGROUP OTH-TRU  L0009171 L0009172 L0009173 L0009174 L0009175 L0009176
   SRCGROUP HOTL-EXH L0009547 L0009548 L0009549 L0009550 L0009551 L0009552
   SRCGROUP HOTL-EXH L0009553 L0009554 L0009555 L0009556 L0009557 L0009558
   SRCGROUP HOTL-EXH L0009559 L0009560 L0009561 L0009562 L0009563 L0009564
   SRCGROUP HOTL-EXH L0009565 L0009566 L0009567 L0009568 L0009569 L0009570
   SRCGROUP HOTL-EXH L0009571 L0009572 L0009573 L0009574 L0009575 L0009576
   SRCGROUP HOTL-EXH L0009577
   SRCGROUP HOTL-IDL L0009469 L0009470 L0009471 L0009472
   SRCGROUP HOTL-TRU L0009543 L0009544 L0009545 L0009546
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
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**
**
RE STARTING
** DESCRREC "UCART1" "RECEPTORS GENERATED FROM UNIFORM CARTESIAN GRID"
   DISCCART    595554.00   4171743.00  101.36  101.36    1.80
   DISCCART    595574.00   4171743.00   97.81  101.44    1.80
   DISCCART    595594.00   4171743.00   96.06  101.44    1.80
   DISCCART    595614.00   4171743.00   97.41  101.18    1.80
   DISCCART    595634.00   4171743.00   99.77  101.06    1.80
   DISCCART    595654.00   4171743.00   96.05  101.18    1.80
   DISCCART    595674.00   4171743.00   95.92  101.14    1.80
   DISCCART    595694.00   4171743.00   99.12  101.14    1.80
   DISCCART    595714.00   4171743.00  101.09  101.09    1.80
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DISCCART	595534.00	4171763.00	99.54	101.43	1.80
DISCCART	595554.00	4171763.00	101.29	101.37	1.80
DISCCART	595574.00	4171763.00	96.99	101.52	1.80
DISCCART	595594.00	4171763.00	96.20	101.52	1.80
DISCCART	595614.00	4171763.00	98.89	101.23	1.80
DISCCART	595634.00	4171763.00	98.38	101.23	1.80
DISCCART	595654.00	4171763.00	96.28	101.23	1.80
DISCCART	595674.00	4171763.00	96.19	101.17	1.80
DISCCART	595694.00	4171763.00	100.58	100.58	1.80
DISCCART	595714.00	4171763.00	100.64	100.64	1.80
DISCCART	595734.00	4171763.00	98.51	101.14	1.80
DISCCART	595754.00	4171763.00	99.31	99.31	1.80
DISCCART	595774.00	4171763.00	99.75	99.75	1.80
DISCCART	595314.00	4171783.00	100.32	100.32	1.80
DISCCART	595334.00	4171783.00	100.01	100.01	1.80
DISCCART	595534.00	4171783.00	101.02	101.47	1.80
DISCCART	595554.00	4171783.00	100.91	100.91	1.80
DISCCART	595574.00	4171783.00	100.49	100.49	1.80
DISCCART	595594.00	4171783.00	101.03	101.24	1.80
DISCCART	595614.00	4171783.00	101.08	101.08	1.80
DISCCART	595634.00	4171783.00	98.78	101.23	1.80
DISCCART	595654.00	4171783.00	96.81	101.23	1.80
DISCCART	595674.00	4171783.00	96.90	101.18	1.80
DISCCART	595694.00	4171783.00	101.09	101.09	1.80
DISCCART	595714.00	4171783.00	98.99	101.14	1.80
DISCCART	595734.00	4171783.00	99.01	99.01	1.80
DISCCART	595754.00	4171783.00	99.75	99.75	1.80
DISCCART	595774.00	4171783.00	99.74	99.74	1.80
DISCCART	595794.00	4171783.00	99.95	99.95	1.80
DISCCART	595274.00	4171803.00	100.30	100.30	1.80
DISCCART	595294.00	4171803.00	100.36	100.36	1.80
DISCCART	595314.00	4171803.00	100.17	100.17	1.80
DISCCART	595334.00	4171803.00	100.20	100.20	1.80
DISCCART	595534.00	4171803.00	101.23	101.23	1.80
DISCCART	595554.00	4171803.00	101.24	101.45	1.80
DISCCART	595574.00	4171803.00	97.44	101.54	1.80
DISCCART	595594.00	4171803.00	97.57	101.30	1.80
DISCCART	595614.00	4171803.00	97.82	101.24	1.80
DISCCART	595634.00	4171803.00	98.75	101.23	1.80
DISCCART	595654.00	4171803.00	100.24	100.24	1.80
DISCCART	595674.00	4171803.00	100.72	101.14	1.80
DISCCART	595694.00	4171803.00	101.01	101.01	1.80
DISCCART	595714.00	4171803.00	97.43	101.18	1.80
DISCCART	595734.00	4171803.00	99.30	99.30	1.80
DISCCART	595754.00	4171803.00	100.29	100.29	1.80
DISCCART	595774.00	4171803.00	99.81	99.81	1.80
DISCCART	595794.00	4171803.00	99.99	99.99	1.80
DISCCART	595814.00	4171803.00	100.10	100.10	1.80
DISCCART	595254.00	4171823.00	100.75	100.75	1.80
DISCCART	595274.00	4171823.00	100.77	100.77	1.80
DISCCART	595294.00	4171823.00	100.63	100.63	1.80
DISCCART	595314.00	4171823.00	100.14	100.14	1.80
DISCCART	595334.00	4171823.00	100.01	100.01	1.80
DISCCART	595514.00	4171823.00	99.60	101.28	1.80
DISCCART	595534.00	4171823.00	101.26	101.26	1.80
DISCCART	595554.00	4171823.00	100.86	101.53	1.80
DISCCART	595574.00	4171823.00	95.57	101.66	1.80
DISCCART	595594.00	4171823.00	95.80	101.66	1.80
DISCCART	595614.00	4171823.00	97.30	101.66	1.80
DISCCART	595634.00	4171823.00	97.25	101.43	1.80
DISCCART	595654.00	4171823.00	97.40	101.18	1.80
DISCCART	595674.00	4171823.00	99.00	101.18	1.80
DISCCART	595694.00	4171823.00	100.83	100.83	1.80
DISCCART	595714.00	4171823.00	97.63	101.18	1.80

DISCCART	595734.00	4171823.00	99.32	99.32	1.80
DISCCART	595754.00	4171823.00	99.75	99.75	1.80
DISCCART	595774.00	4171823.00	99.84	99.84	1.80
DISCCART	595794.00	4171823.00	100.03	100.03	1.80
DISCCART	595814.00	4171823.00	100.07	100.07	1.80
DISCCART	595834.00	4171823.00	99.84	99.84	1.80
DISCCART	595854.00	4171823.00	99.74	99.74	1.80
DISCCART	595234.00	4171843.00	100.43	100.43	1.80
DISCCART	595254.00	4171843.00	100.45	100.45	1.80
DISCCART	595274.00	4171843.00	100.25	100.25	1.80
DISCCART	595294.00	4171843.00	100.13	100.13	1.80
DISCCART	595314.00	4171843.00	100.16	100.16	1.80
DISCCART	595334.00	4171843.00	99.82	99.82	1.80
DISCCART	595514.00	4171843.00	100.28	101.23	1.80
DISCCART	595534.00	4171843.00	101.27	101.27	1.80
DISCCART	595554.00	4171843.00	101.27	101.27	1.80
DISCCART	595574.00	4171843.00	97.82	101.61	1.80
DISCCART	595594.00	4171843.00	95.87	101.80	1.80
DISCCART	595614.00	4171843.00	97.52	101.66	1.80
DISCCART	595634.00	4171843.00	97.40	101.66	1.80
DISCCART	595654.00	4171843.00	97.51	101.60	1.80
DISCCART	595674.00	4171843.00	100.34	100.89	1.80
DISCCART	595694.00	4171843.00	100.08	100.91	1.80
DISCCART	595714.00	4171843.00	98.47	100.91	1.80
DISCCART	595734.00	4171843.00	99.46	99.46	1.80
DISCCART	595754.00	4171843.00	99.53	99.53	1.80
DISCCART	595774.00	4171843.00	99.84	99.84	1.80
DISCCART	595794.00	4171843.00	99.92	99.92	1.80
DISCCART	595814.00	4171843.00	99.96	99.96	1.80
DISCCART	595854.00	4171843.00	99.74	99.74	1.80
DISCCART	595874.00	4171843.00	99.45	99.45	1.80
DISCCART	595214.00	4171863.00	101.12	101.12	1.80
DISCCART	595234.00	4171863.00	100.72	100.72	1.80
DISCCART	595254.00	4171863.00	100.28	100.28	1.80
DISCCART	595274.00	4171863.00	100.29	100.29	1.80
DISCCART	595294.00	4171863.00	99.89	99.89	1.80
DISCCART	595314.00	4171863.00	99.99	99.99	1.80
DISCCART	595334.00	4171863.00	99.68	101.16	1.80
DISCCART	595514.00	4171863.00	100.93	100.93	1.80
DISCCART	595534.00	4171863.00	101.26	101.26	1.80
DISCCART	595554.00	4171863.00	101.28	101.28	1.80
DISCCART	595574.00	4171863.00	101.38	101.38	1.80
DISCCART	595594.00	4171863.00	101.46	101.46	1.80
DISCCART	595614.00	4171863.00	101.55	101.55	1.80
DISCCART	595634.00	4171863.00	100.20	101.60	1.80
DISCCART	595654.00	4171863.00	97.64	101.68	1.80
DISCCART	595674.00	4171863.00	100.92	100.92	1.80
DISCCART	595694.00	4171863.00	99.01	101.10	1.80
DISCCART	595714.00	4171863.00	99.23	100.86	1.80
DISCCART	595734.00	4171863.00	99.62	100.86	1.80
DISCCART	595754.00	4171863.00	99.50	99.50	1.80
DISCCART	595774.00	4171863.00	99.38	99.38	1.80
DISCCART	595794.00	4171863.00	99.11	99.73	1.80
DISCCART	595814.00	4171863.00	99.19	99.72	1.80
DISCCART	595834.00	4171863.00	99.57	99.57	1.80
DISCCART	595854.00	4171863.00	99.76	99.76	1.80
DISCCART	595874.00	4171863.00	99.81	99.81	1.80
DISCCART	595894.00	4171863.00	99.86	99.86	1.80
DISCCART	595194.00	4171883.00	100.67	100.67	1.80
DISCCART	595214.00	4171883.00	100.41	100.41	1.80
DISCCART	595234.00	4171883.00	100.35	100.35	1.80
DISCCART	595254.00	4171883.00	100.42	100.42	1.80
DISCCART	595274.00	4171883.00	100.40	100.40	1.80
DISCCART	595294.00	4171883.00	100.09	100.09	1.80

DISCCART	595314.00	4171883.00	100.05	100.05	1.80
DISCCART	595514.00	4171883.00	100.60	100.60	1.80
DISCCART	595534.00	4171883.00	100.66	100.66	1.80
DISCCART	595554.00	4171883.00	101.08	101.08	1.80
DISCCART	595574.00	4171883.00	101.55	101.55	1.80
DISCCART	595594.00	4171883.00	101.55	101.55	1.80
DISCCART	595614.00	4171883.00	101.64	101.64	1.80
DISCCART	595634.00	4171883.00	101.55	101.55	1.80
DISCCART	595654.00	4171883.00	100.36	101.37	1.80
DISCCART	595674.00	4171883.00	100.97	100.97	1.80
DISCCART	595694.00	4171883.00	99.19	100.88	1.80
DISCCART	595714.00	4171883.00	98.97	100.86	1.80
DISCCART	595734.00	4171883.00	99.35	99.35	1.80
DISCCART	595754.00	4171883.00	99.53	99.53	1.80
DISCCART	595774.00	4171883.00	99.40	99.40	1.80
DISCCART	595794.00	4171883.00	99.66	99.66	1.80
DISCCART	595814.00	4171883.00	99.07	99.07	1.80
DISCCART	595834.00	4171883.00	99.39	99.39	1.80
DISCCART	595854.00	4171883.00	99.53	99.53	1.80
DISCCART	595874.00	4171883.00	99.52	99.52	1.80
DISCCART	595894.00	4171883.00	99.55	99.55	1.80
DISCCART	595174.00	4171903.00	100.65	100.65	1.80
DISCCART	595194.00	4171903.00	100.55	100.55	1.80
DISCCART	595214.00	4171903.00	100.79	100.79	1.80
DISCCART	595234.00	4171903.00	100.50	100.50	1.80
DISCCART	595254.00	4171903.00	100.29	100.29	1.80
DISCCART	595274.00	4171903.00	100.24	100.24	1.80
DISCCART	595294.00	4171903.00	100.11	100.11	1.80
DISCCART	595314.00	4171903.00	99.76	99.76	1.80
DISCCART	595514.00	4171903.00	101.04	101.04	1.80
DISCCART	595534.00	4171903.00	101.38	101.38	1.80
DISCCART	595554.00	4171903.00	101.30	101.30	1.80
DISCCART	595574.00	4171903.00	100.94	100.94	1.80
DISCCART	595594.00	4171903.00	101.02	101.02	1.80
DISCCART	595614.00	4171903.00	101.05	101.05	1.80
DISCCART	595634.00	4171903.00	101.56	101.56	1.80
DISCCART	595654.00	4171903.00	100.97	100.97	1.80
DISCCART	595674.00	4171903.00	100.79	100.79	1.80
DISCCART	595694.00	4171903.00	100.26	100.26	1.80
DISCCART	595714.00	4171903.00	97.48	100.71	1.80
DISCCART	595734.00	4171903.00	99.33	99.33	1.80
DISCCART	595754.00	4171903.00	98.86	99.66	1.80
DISCCART	595774.00	4171903.00	98.61	98.61	1.80
DISCCART	595794.00	4171903.00	98.62	98.62	1.80
DISCCART	595814.00	4171903.00	98.89	98.89	1.80
DISCCART	595834.00	4171903.00	99.31	99.31	1.80
DISCCART	595854.00	4171903.00	99.03	99.03	1.80
DISCCART	595874.00	4171903.00	99.01	99.01	1.80
DISCCART	595894.00	4171903.00	99.35	99.35	1.80
DISCCART	595914.00	4171903.00	99.76	99.76	1.80
DISCCART	595174.00	4171923.00	100.93	100.93	1.80
DISCCART	595194.00	4171923.00	100.83	100.83	1.80
DISCCART	595214.00	4171923.00	100.51	100.51	1.80
DISCCART	595234.00	4171923.00	100.48	100.48	1.80
DISCCART	595254.00	4171923.00	100.27	100.27	1.80
DISCCART	595274.00	4171923.00	99.91	99.91	1.80
DISCCART	595294.00	4171923.00	100.13	100.13	1.80
DISCCART	595534.00	4171923.00	101.21	101.21	1.80
DISCCART	595554.00	4171923.00	101.31	101.31	1.80
DISCCART	595574.00	4171923.00	101.25	101.25	1.80
DISCCART	595594.00	4171923.00	101.13	101.13	1.80
DISCCART	595614.00	4171923.00	100.94	100.94	1.80
DISCCART	595634.00	4171923.00	100.89	100.89	1.80
DISCCART	595654.00	4171923.00	100.97	100.97	1.80

DISCCART	595674.00	4171923.00	100.68	100.68	1.80
DISCCART	595694.00	4171923.00	100.64	100.64	1.80
DISCCART	595714.00	4171923.00	99.39	100.51	1.80
DISCCART	595734.00	4171923.00	97.86	100.58	1.80
DISCCART	595754.00	4171923.00	98.09	100.50	1.80
DISCCART	595774.00	4171923.00	98.36	98.36	1.80
DISCCART	595794.00	4171923.00	98.59	98.59	1.80
DISCCART	595814.00	4171923.00	98.67	98.67	1.80
DISCCART	595834.00	4171923.00	99.47	99.47	1.80
DISCCART	595854.00	4171923.00	99.19	99.19	1.80
DISCCART	595874.00	4171923.00	99.28	99.28	1.80
DISCCART	595894.00	4171923.00	99.09	99.09	1.80
DISCCART	595914.00	4171923.00	99.14	99.14	1.80
DISCCART	595154.00	4171943.00	100.89	100.89	1.80
DISCCART	595174.00	4171943.00	100.92	100.92	1.80
DISCCART	595194.00	4171943.00	100.70	100.70	1.80
DISCCART	595214.00	4171943.00	100.82	100.82	1.80
DISCCART	595234.00	4171943.00	100.68	100.68	1.80
DISCCART	595254.00	4171943.00	100.16	100.16	1.80
DISCCART	595274.00	4171943.00	100.03	100.03	1.80
DISCCART	595294.00	4171943.00	99.85	107.32	1.80
DISCCART	595534.00	4171943.00	100.87	100.87	1.80
DISCCART	595554.00	4171943.00	101.23	101.23	1.80
DISCCART	595574.00	4171943.00	101.20	101.20	1.80
DISCCART	595594.00	4171943.00	101.19	101.19	1.80
DISCCART	595614.00	4171943.00	101.09	101.09	1.80
DISCCART	595634.00	4171943.00	100.97	100.97	1.80
DISCCART	595654.00	4171943.00	100.92	100.92	1.80
DISCCART	595674.00	4171943.00	100.66	100.66	1.80
DISCCART	595694.00	4171943.00	100.51	100.51	1.80
DISCCART	595714.00	4171943.00	100.28	100.28	1.80
DISCCART	595734.00	4171943.00	100.53	100.53	1.80
DISCCART	595754.00	4171943.00	99.78	99.78	1.80
DISCCART	595774.00	4171943.00	98.87	100.28	1.80
DISCCART	595794.00	4171943.00	97.69	100.28	1.80
DISCCART	595814.00	4171943.00	98.08	98.08	1.80
DISCCART	595834.00	4171943.00	98.44	98.99	1.80
DISCCART	595854.00	4171943.00	99.22	99.52	1.80
DISCCART	595874.00	4171943.00	99.44	99.44	1.80
DISCCART	595894.00	4171943.00	99.64	99.64	1.80
DISCCART	595914.00	4171943.00	99.67	99.67	1.80
DISCCART	595934.00	4171943.00	99.71	99.71	1.80
DISCCART	595154.00	4171963.00	101.24	101.24	1.80
DISCCART	595174.00	4171963.00	101.04	101.04	1.80
DISCCART	595194.00	4171963.00	101.00	101.00	1.80
DISCCART	595214.00	4171963.00	100.80	100.80	1.80
DISCCART	595234.00	4171963.00	100.93	100.93	1.80
DISCCART	595254.00	4171963.00	99.97	106.99	1.80
DISCCART	595274.00	4171963.00	99.76	107.46	1.80
DISCCART	595554.00	4171963.00	100.97	100.97	1.80
DISCCART	595574.00	4171963.00	101.11	101.11	1.80
DISCCART	595594.00	4171963.00	101.05	101.05	1.80
DISCCART	595614.00	4171963.00	101.02	101.02	1.80
DISCCART	595634.00	4171963.00	100.84	100.84	1.80
DISCCART	595654.00	4171963.00	100.92	100.92	1.80
DISCCART	595674.00	4171963.00	100.84	100.84	1.80
DISCCART	595694.00	4171963.00	100.46	100.46	1.80
DISCCART	595714.00	4171963.00	100.63	100.63	1.80
DISCCART	595734.00	4171963.00	100.69	100.69	1.80
DISCCART	595754.00	4171963.00	100.37	100.37	1.80
DISCCART	595774.00	4171963.00	100.27	100.27	1.80
DISCCART	595794.00	4171963.00	100.03	100.03	1.80
DISCCART	595814.00	4171963.00	99.93	99.93	1.80
DISCCART	595834.00	4171963.00	99.59	99.59	1.80

DISCCART	595854.00	4171963.00	99.14	100.13	1.80
DISCCART	595874.00	4171963.00	97.34	100.80	1.80
DISCCART	595894.00	4171963.00	97.96	99.65	1.80
DISCCART	595914.00	4171963.00	98.58	98.58	1.80
DISCCART	595934.00	4171963.00	99.50	99.63	1.80
DISCCART	595154.00	4171983.00	101.38	101.38	1.80
DISCCART	595174.00	4171983.00	101.38	101.38	1.80
DISCCART	595194.00	4171983.00	101.04	101.04	1.80
DISCCART	595214.00	4171983.00	100.77	100.77	1.80
DISCCART	595234.00	4171983.00	100.40	106.88	1.80
DISCCART	595254.00	4171983.00	100.81	107.32	1.80
DISCCART	595574.00	4171983.00	100.92	100.92	1.80
DISCCART	595754.00	4172023.00	100.52	100.67	1.80
DISCCART	595774.00	4172023.00	100.55	100.55	1.80
DISCCART	595794.00	4172023.00	99.96	99.96	1.80
DISCCART	595814.00	4172023.00	99.91	101.04	1.80
DISCCART	595834.00	4172023.00	100.39	100.39	1.80
DISCCART	595714.00	4172043.00	100.68	100.68	1.80
DISCCART	595734.00	4172043.00	99.91	100.65	1.80
DISCCART	595754.00	4172043.00	99.20	99.20	1.80
DISCCART	595774.00	4172043.00	99.29	99.29	1.80
DISCCART	595794.00	4172043.00	99.31	99.31	1.80
DISCCART	595814.00	4172043.00	99.22	99.22	1.80
DISCCART	595834.00	4172043.00	99.00	99.00	1.80
DISCCART	595854.00	4172043.00	98.88	98.88	1.80
DISCCART	595874.00	4172043.00	98.88	100.97	1.80
DISCCART	595894.00	4172043.00	98.98	101.09	1.80
DISCCART	595914.00	4172043.00	99.01	100.82	1.80
DISCCART	595934.00	4172043.00	99.95	100.90	1.80
DISCCART	595714.00	4172063.00	100.85	100.85	1.80
DISCCART	595734.00	4172063.00	99.12	100.64	1.80
DISCCART	595754.00	4172063.00	99.25	99.25	1.80
DISCCART	595774.00	4172063.00	99.31	99.31	1.80
DISCCART	595794.00	4172063.00	99.29	99.29	1.80
DISCCART	595814.00	4172063.00	99.23	99.23	1.80
DISCCART	595834.00	4172063.00	99.06	99.06	1.80
DISCCART	595854.00	4172063.00	98.97	98.97	1.80
DISCCART	595874.00	4172063.00	98.91	98.91	1.80
DISCCART	595894.00	4172063.00	98.89	98.89	1.80
DISCCART	595914.00	4172063.00	98.78	98.78	1.80
DISCCART	595934.00	4172063.00	98.77	98.77	1.80
DISCCART	595714.00	4172083.00	100.86	100.86	1.80
DISCCART	595734.00	4172083.00	99.08	100.82	1.80
DISCCART	595754.00	4172083.00	99.22	99.22	1.80
DISCCART	595774.00	4172083.00	99.25	99.25	1.80
DISCCART	595794.00	4172083.00	99.22	99.22	1.80
DISCCART	595814.00	4172083.00	99.15	99.15	1.80
DISCCART	595834.00	4172083.00	99.06	99.06	1.80
DISCCART	595854.00	4172083.00	98.96	98.96	1.80
DISCCART	595874.00	4172083.00	98.95	98.95	1.80
DISCCART	595894.00	4172083.00	98.86	98.86	1.80
DISCCART	595914.00	4172083.00	98.86	98.86	1.80
DISCCART	595934.00	4172083.00	98.81	98.81	1.80
DISCCART	595114.00	4172103.00	101.15	101.15	1.80
DISCCART	595134.00	4172103.00	101.05	101.05	1.80
DISCCART	595714.00	4172103.00	100.71	100.71	1.80
DISCCART	595734.00	4172103.00	99.11	100.77	1.80
DISCCART	595754.00	4172103.00	99.23	99.23	1.80
DISCCART	595774.00	4172103.00	99.23	99.23	1.80
DISCCART	595794.00	4172103.00	99.23	99.23	1.80
DISCCART	595814.00	4172103.00	99.12	99.12	1.80
DISCCART	595834.00	4172103.00	99.07	99.07	1.80
DISCCART	595854.00	4172103.00	99.02	99.02	1.80
DISCCART	595874.00	4172103.00	98.96	98.96	1.80

DISCCART	595894.00	4172103.00	98.87	98.87	1.80
DISCCART	595914.00	4172103.00	98.87	98.87	1.80
DISCCART	595934.00	4172103.00	98.93	98.93	1.80
DISCCART	595094.00	4172123.00	101.25	101.25	1.80
DISCCART	595114.00	4172123.00	101.37	101.37	1.80
DISCCART	595134.00	4172123.00	101.29	101.29	1.80
DISCCART	595694.00	4172123.00	100.96	100.96	1.80
DISCCART	595714.00	4172123.00	100.06	100.06	1.80
DISCCART	595734.00	4172123.00	99.12	99.12	1.80
DISCCART	595754.00	4172123.00	99.19	99.19	1.80
DISCCART	595774.00	4172123.00	99.15	99.15	1.80
DISCCART	595794.00	4172123.00	99.08	99.08	1.80
DISCCART	595814.00	4172123.00	99.01	99.01	1.80
DISCCART	595834.00	4172123.00	99.04	99.04	1.80
DISCCART	595854.00	4172123.00	99.04	99.04	1.80
DISCCART	595874.00	4172123.00	98.92	98.92	1.80
DISCCART	595894.00	4172123.00	98.93	98.93	1.80
DISCCART	595914.00	4172123.00	98.93	98.93	1.80
DISCCART	595934.00	4172123.00	99.02	99.02	1.80
DISCCART	595094.00	4172143.00	101.28	101.28	1.80
DISCCART	595114.00	4172143.00	101.40	101.40	1.80
DISCCART	595134.00	4172143.00	101.36	101.36	1.80
DISCCART	595694.00	4172143.00	100.42	100.42	1.80
DISCCART	595714.00	4172143.00	99.08	100.49	1.80
DISCCART	595734.00	4172143.00	99.13	99.13	1.80
DISCCART	595754.00	4172143.00	99.21	99.21	1.80
DISCCART	595774.00	4172143.00	99.12	99.12	1.80
DISCCART	595794.00	4172143.00	99.04	99.04	1.80
DISCCART	595814.00	4172143.00	99.01	99.01	1.80
DISCCART	595834.00	4172143.00	98.99	98.99	1.80
DISCCART	595854.00	4172143.00	98.97	98.97	1.80
DISCCART	595874.00	4172143.00	98.89	98.89	1.80
DISCCART	595894.00	4172143.00	98.96	98.96	1.80
DISCCART	595914.00	4172143.00	98.96	98.96	1.80
DISCCART	595934.00	4172143.00	99.07	99.07	1.80
DISCCART	595094.00	4172163.00	101.16	101.16	1.80
DISCCART	595114.00	4172163.00	101.19	101.19	1.80
DISCCART	595134.00	4172163.00	101.24	101.24	1.80
DISCCART	595154.00	4172163.00	100.84	100.84	1.80
DISCCART	595614.00	4172163.00	100.92	100.92	1.80
DISCCART	595634.00	4172163.00	100.74	100.74	1.80
DISCCART	595654.00	4172163.00	100.53	100.53	1.80
DISCCART	595674.00	4172163.00	99.19	100.75	1.80
DISCCART	595694.00	4172163.00	98.98	98.98	1.80
DISCCART	595714.00	4172163.00	99.04	99.04	1.80
DISCCART	595734.00	4172163.00	99.13	99.13	1.80
DISCCART	595754.00	4172163.00	99.21	99.21	1.80
DISCCART	595774.00	4172163.00	99.13	99.13	1.80
DISCCART	595794.00	4172163.00	99.05	99.05	1.80
DISCCART	595814.00	4172163.00	99.01	99.01	1.80
DISCCART	595834.00	4172163.00	98.95	98.95	1.80
DISCCART	595854.00	4172163.00	98.85	98.85	1.80
DISCCART	595874.00	4172163.00	98.87	98.87	1.80
DISCCART	595894.00	4172163.00	98.96	98.96	1.80
DISCCART	595914.00	4172163.00	98.95	98.95	1.80
DISCCART	595074.00	4172183.00	101.31	101.31	1.80
DISCCART	595094.00	4172183.00	101.26	101.26	1.80
DISCCART	595114.00	4172183.00	101.20	101.20	1.80
DISCCART	595134.00	4172183.00	101.14	101.14	1.80
DISCCART	595154.00	4172183.00	101.12	101.12	1.80
DISCCART	595614.00	4172183.00	99.84	100.96	1.80
DISCCART	595634.00	4172183.00	100.35	101.17	1.80
DISCCART	595654.00	4172183.00	98.84	100.85	1.80
DISCCART	595674.00	4172183.00	98.91	98.91	1.80

DISCCART	595694.00	4172183.00	98.94	98.94	1.80
DISCCART	595714.00	4172183.00	99.03	99.03	1.80
DISCCART	595734.00	4172183.00	99.16	99.16	1.80
DISCCART	595754.00	4172183.00	99.18	99.18	1.80
DISCCART	595774.00	4172183.00	99.10	99.10	1.80
DISCCART	595794.00	4172183.00	99.00	99.00	1.80
DISCCART	595814.00	4172183.00	98.98	98.98	1.80
DISCCART	595834.00	4172183.00	98.88	98.88	1.80
DISCCART	595854.00	4172183.00	98.79	98.79	1.80
DISCCART	595874.00	4172183.00	98.96	98.96	1.80
DISCCART	595894.00	4172183.00	98.99	98.99	1.80
DISCCART	595914.00	4172183.00	98.97	98.97	1.80
DISCCART	595074.00	4172203.00	101.38	101.38	1.80
DISCCART	595094.00	4172203.00	101.29	101.29	1.80
DISCCART	595114.00	4172203.00	101.29	101.29	1.80
DISCCART	595134.00	4172203.00	101.20	101.20	1.80
DISCCART	595154.00	4172203.00	101.17	101.17	1.80
DISCCART	595594.00	4172203.00	100.73	100.73	1.80
DISCCART	595614.00	4172203.00	99.11	101.30	1.80
DISCCART	595634.00	4172203.00	99.59	101.23	1.80
DISCCART	595654.00	4172203.00	98.89	98.89	1.80
DISCCART	595674.00	4172203.00	98.93	98.93	1.80
DISCCART	595694.00	4172203.00	98.95	98.95	1.80
DISCCART	595714.00	4172203.00	99.06	99.06	1.80
DISCCART	595734.00	4172203.00	99.16	99.16	1.80
DISCCART	595754.00	4172203.00	99.10	99.10	1.80
DISCCART	595774.00	4172203.00	99.02	99.02	1.80
DISCCART	595794.00	4172203.00	98.96	98.96	1.80
DISCCART	595814.00	4172203.00	98.89	98.89	1.80
DISCCART	595834.00	4172203.00	98.77	98.77	1.80
DISCCART	595854.00	4172203.00	98.71	98.71	1.80
DISCCART	595874.00	4172203.00	98.95	98.95	1.80
DISCCART	595894.00	4172203.00	99.00	99.00	1.80
DISCCART	595914.00	4172203.00	99.00	99.00	1.80
DISCCART	595074.00	4172223.00	101.59	101.59	1.80
DISCCART	595094.00	4172223.00	101.20	101.20	1.80
DISCCART	595114.00	4172223.00	101.43	101.43	1.80
DISCCART	595134.00	4172223.00	101.30	101.30	1.80
DISCCART	595154.00	4172223.00	101.38	101.38	1.80
DISCCART	595594.00	4172223.00	100.88	100.88	1.80
DISCCART	595614.00	4172223.00	100.62	100.62	1.80
DISCCART	595634.00	4172223.00	98.73	101.30	1.80
DISCCART	595654.00	4172223.00	98.88	98.88	1.80
DISCCART	595674.00	4172223.00	98.92	98.92	1.80
DISCCART	595694.00	4172223.00	98.95	98.95	1.80
DISCCART	595714.00	4172223.00	99.05	99.05	1.80
DISCCART	595734.00	4172223.00	99.17	99.17	1.80
DISCCART	595754.00	4172223.00	99.06	99.06	1.80
DISCCART	595774.00	4172223.00	98.97	98.97	1.80
DISCCART	595794.00	4172223.00	98.91	98.91	1.80
DISCCART	595814.00	4172223.00	98.87	98.87	1.80
DISCCART	595834.00	4172223.00	98.77	98.77	1.80
DISCCART	595854.00	4172223.00	98.76	98.76	1.80
DISCCART	595874.00	4172223.00	98.92	98.92	1.80
DISCCART	595894.00	4172223.00	98.96	98.96	1.80
DISCCART	595054.00	4172243.00	101.62	101.62	1.80
DISCCART	595074.00	4172243.00	101.58	101.58	1.80
DISCCART	595094.00	4172243.00	101.27	101.27	1.80
DISCCART	595114.00	4172243.00	101.54	101.54	1.80
DISCCART	595134.00	4172243.00	101.41	101.41	1.80
DISCCART	595154.00	4172243.00	101.04	101.04	1.80
DISCCART	595594.00	4172243.00	100.25	100.93	1.80
DISCCART	595614.00	4172243.00	101.08	101.08	1.80
DISCCART	595634.00	4172243.00	98.67	101.28	1.80

DISCCART	595654.00	4172243.00	98.82	98.82	1.80
DISCCART	595674.00	4172243.00	98.89	98.89	1.80
DISCCART	595694.00	4172243.00	98.92	98.92	1.80
DISCCART	595714.00	4172243.00	99.04	99.04	1.80
DISCCART	595734.00	4172243.00	99.15	99.15	1.80
DISCCART	595754.00	4172243.00	99.00	99.00	1.80
DISCCART	595774.00	4172243.00	98.91	98.91	1.80
DISCCART	595794.00	4172243.00	98.83	98.83	1.80
DISCCART	595814.00	4172243.00	98.77	98.77	1.80
DISCCART	595834.00	4172243.00	98.71	98.71	1.80
DISCCART	595854.00	4172243.00	98.81	98.81	1.80
DISCCART	595874.00	4172243.00	98.95	98.95	1.80
DISCCART	595894.00	4172243.00	98.95	98.95	1.80
DISCCART	595054.00	4172263.00	101.46	101.46	1.80
DISCCART	595074.00	4172263.00	101.30	101.30	1.80
DISCCART	595094.00	4172263.00	101.24	101.24	1.80
DISCCART	595114.00	4172263.00	101.79	101.79	1.80
DISCCART	595134.00	4172263.00	101.07	101.07	1.80
DISCCART	595154.00	4172263.00	101.00	101.00	1.80
DISCCART	595594.00	4172263.00	99.61	101.03	1.80
DISCCART	595614.00	4172263.00	100.27	101.03	1.80
DISCCART	595634.00	4172263.00	98.64	101.03	1.80
DISCCART	595654.00	4172263.00	98.77	98.77	1.80
DISCCART	595674.00	4172263.00	98.84	98.84	1.80
DISCCART	595694.00	4172263.00	98.94	98.94	1.80
DISCCART	595714.00	4172263.00	99.01	99.01	1.80
DISCCART	595734.00	4172263.00	99.05	99.05	1.80
DISCCART	595754.00	4172263.00	98.98	98.98	1.80
DISCCART	595774.00	4172263.00	98.84	98.84	1.80
DISCCART	595794.00	4172263.00	98.76	98.76	1.80
DISCCART	595814.00	4172263.00	98.71	98.71	1.80
DISCCART	595834.00	4172263.00	98.67	98.67	1.80
DISCCART	595854.00	4172263.00	98.83	98.83	1.80
DISCCART	595874.00	4172263.00	98.96	98.96	1.80
DISCCART	595894.00	4172263.00	98.94	98.94	1.80
DISCCART	595054.00	4172283.00	101.49	101.49	1.80
DISCCART	595074.00	4172283.00	101.28	101.28	1.80
DISCCART	595094.00	4172283.00	101.69	101.69	1.80
DISCCART	595114.00	4172283.00	101.70	101.70	1.80
DISCCART	595134.00	4172283.00	101.17	101.17	1.80
DISCCART	595154.00	4172283.00	101.23	101.23	1.80
DISCCART	595174.00	4172283.00	100.95	100.95	1.80
DISCCART	595574.00	4172283.00	100.67	100.67	1.80
DISCCART	595594.00	4172283.00	99.71	101.24	1.80
DISCCART	595614.00	4172283.00	98.90	101.24	1.80
DISCCART	595634.00	4172283.00	98.63	98.63	1.80
DISCCART	595654.00	4172283.00	98.72	98.72	1.80
DISCCART	595674.00	4172283.00	98.82	98.82	1.80
DISCCART	595694.00	4172283.00	98.91	98.91	1.80
DISCCART	595714.00	4172283.00	98.98	98.98	1.80
DISCCART	595734.00	4172283.00	99.00	99.00	1.80
DISCCART	595754.00	4172283.00	98.95	98.95	1.80
DISCCART	595774.00	4172283.00	98.79	98.79	1.80
DISCCART	595794.00	4172283.00	98.73	98.73	1.80
DISCCART	595814.00	4172283.00	98.65	98.65	1.80
DISCCART	595834.00	4172283.00	98.62	98.62	1.80
DISCCART	595854.00	4172283.00	98.82	98.82	1.80
DISCCART	595874.00	4172283.00	98.92	98.92	1.80
DISCCART	595894.00	4172283.00	98.92	98.92	1.80
DISCCART	595034.00	4172303.00	101.58	101.58	1.80
DISCCART	595054.00	4172303.00	101.44	101.44	1.80
DISCCART	595074.00	4172303.00	101.33	101.33	1.80
DISCCART	595094.00	4172303.00	102.10	102.10	1.80
DISCCART	595114.00	4172303.00	101.39	101.39	1.80

DISCCART	595134.00	4172303.00	101.42	101.42	1.80
DISCCART	595154.00	4172303.00	101.31	101.31	1.80
DISCCART	595174.00	4172303.00	101.05	101.05	1.80
DISCCART	595574.00	4172303.00	100.69	100.69	1.80
DISCCART	595594.00	4172303.00	100.54	101.33	1.80
DISCCART	595614.00	4172303.00	98.45	101.33	1.80
DISCCART	595634.00	4172303.00	98.58	98.58	1.80
DISCCART	595654.00	4172303.00	98.69	98.69	1.80
DISCCART	595674.00	4172303.00	98.78	98.78	1.80
DISCCART	595694.00	4172303.00	98.86	98.86	1.80
DISCCART	595714.00	4172303.00	98.98	98.98	1.80
DISCCART	595734.00	4172303.00	98.94	98.94	1.80
DISCCART	595754.00	4172303.00	98.86	98.86	1.80
DISCCART	595774.00	4172303.00	98.73	98.73	1.80
DISCCART	595794.00	4172303.00	98.69	98.69	1.80
DISCCART	595814.00	4172303.00	98.57	98.57	1.80
DISCCART	595834.00	4172303.00	98.58	98.58	1.80
DISCCART	595854.00	4172303.00	98.81	98.81	1.80
DISCCART	595874.00	4172303.00	98.89	98.89	1.80
DISCCART	595034.00	4172323.00	101.56	101.56	1.80
DISCCART	595054.00	4172323.00	101.37	101.37	1.80
DISCCART	595074.00	4172323.00	101.58	102.44	1.80
DISCCART	595094.00	4172323.00	102.16	102.16	1.80
DISCCART	595114.00	4172323.00	101.91	101.91	1.80
DISCCART	595134.00	4172323.00	101.55	101.55	1.80
DISCCART	595154.00	4172323.00	101.38	101.38	1.80
DISCCART	595174.00	4172323.00	101.12	101.12	1.80
DISCCART	595574.00	4172323.00	100.33	101.03	1.80
DISCCART	595594.00	4172323.00	100.94	100.94	1.80
DISCCART	595614.00	4172323.00	98.09	101.44	1.80
DISCCART	595634.00	4172323.00	98.30	98.30	1.80
DISCCART	595654.00	4172323.00	98.51	98.51	1.80
DISCCART	595674.00	4172323.00	98.72	98.72	1.80
DISCCART	595694.00	4172323.00	98.91	98.91	1.80
DISCCART	595714.00	4172323.00	98.94	98.94	1.80
DISCCART	595734.00	4172323.00	98.86	98.86	1.80
DISCCART	595754.00	4172323.00	98.81	98.81	1.80
DISCCART	595774.00	4172323.00	98.69	98.69	1.80
DISCCART	595794.00	4172323.00	98.61	98.61	1.80
DISCCART	595814.00	4172323.00	98.58	98.58	1.80
DISCCART	595834.00	4172323.00	98.60	98.60	1.80
DISCCART	595854.00	4172323.00	98.81	98.81	1.80
DISCCART	595874.00	4172323.00	98.92	98.92	1.80
DISCCART	595034.00	4172343.00	101.60	101.60	1.80
DISCCART	595054.00	4172343.00	101.45	101.45	1.80
DISCCART	595074.00	4172343.00	101.35	101.35	1.80
DISCCART	595094.00	4172343.00	101.42	101.42	1.80
DISCCART	595114.00	4172343.00	101.74	101.74	1.80
DISCCART	595134.00	4172343.00	101.68	101.68	1.80
DISCCART	595154.00	4172343.00	101.39	101.39	1.80
DISCCART	595574.00	4172343.00	99.75	101.44	1.80
DISCCART	595594.00	4172343.00	100.14	101.44	1.80
DISCCART	595614.00	4172343.00	97.93	101.44	1.80
DISCCART	595634.00	4172343.00	97.90	97.90	1.80
DISCCART	595654.00	4172343.00	97.96	97.96	1.80
DISCCART	595674.00	4172343.00	98.10	98.10	1.80
DISCCART	595694.00	4172343.00	98.33	98.33	1.80
DISCCART	595714.00	4172343.00	98.58	98.58	1.80
DISCCART	595734.00	4172343.00	98.66	98.66	1.80
DISCCART	595754.00	4172343.00	98.67	98.67	1.80
DISCCART	595774.00	4172343.00	98.64	98.64	1.80
DISCCART	595794.00	4172343.00	98.60	98.60	1.80
DISCCART	595814.00	4172343.00	98.60	98.60	1.80
DISCCART	595834.00	4172343.00	98.74	98.74	1.80

DISCCART	595854.00	4172343.00	98.89	98.89	1.80
DISCCART	595874.00	4172343.00	98.89	98.89	1.80
DISCCART	595554.00	4172363.00	100.49	100.49	1.80
DISCCART	595574.00	4172363.00	99.86	101.48	1.80
DISCCART	595594.00	4172363.00	99.36	101.48	1.80
DISCCART	595614.00	4172363.00	98.83	98.83	1.80
DISCCART	595634.00	4172363.00	98.68	98.68	1.80
DISCCART	595654.00	4172363.00	98.38	98.38	1.80
DISCCART	595674.00	4172363.00	98.16	98.16	1.80
DISCCART	595694.00	4172363.00	98.07	98.07	1.80
DISCCART	595714.00	4172363.00	98.05	98.05	1.80
DISCCART	595734.00	4172363.00	98.08	98.08	1.80
DISCCART	595754.00	4172363.00	98.24	98.24	1.80
DISCCART	595774.00	4172363.00	98.38	98.38	1.80
DISCCART	595794.00	4172363.00	98.59	98.59	1.80
DISCCART	595814.00	4172363.00	98.59	98.59	1.80
DISCCART	595834.00	4172363.00	98.85	98.85	1.80
DISCCART	595854.00	4172363.00	98.90	98.90	1.80
DISCCART	595874.00	4172363.00	98.91	98.91	1.80
DISCCART	595554.00	4172383.00	100.96	100.96	1.80
DISCCART	595574.00	4172383.00	100.78	101.47	1.80
DISCCART	595594.00	4172383.00	99.26	101.48	1.80
DISCCART	595614.00	4172383.00	99.17	99.17	1.80
DISCCART	595634.00	4172383.00	99.14	99.14	1.80
DISCCART	595654.00	4172383.00	99.09	99.09	1.80
DISCCART	595674.00	4172383.00	99.10	99.10	1.80
DISCCART	595694.00	4172383.00	98.99	98.99	1.80
DISCCART	595714.00	4172383.00	98.72	98.72	1.80
DISCCART	595734.00	4172383.00	98.41	98.41	1.80
DISCCART	595754.00	4172383.00	98.19	98.19	1.80
DISCCART	595774.00	4172383.00	98.11	98.11	1.80
DISCCART	595794.00	4172383.00	98.17	98.17	1.80
DISCCART	595814.00	4172383.00	98.25	98.25	1.80
DISCCART	595834.00	4172383.00	98.43	98.43	1.80
DISCCART	595854.00	4172383.00	98.73	98.73	1.80
DISCCART	595554.00	4172403.00	100.30	100.30	1.80
DISCCART	595574.00	4172403.00	101.14	101.14	1.80
DISCCART	595594.00	4172403.00	99.30	99.30	1.80
DISCCART	595614.00	4172403.00	99.33	99.33	1.80
DISCCART	595634.00	4172403.00	99.33	99.33	1.80
DISCCART	595654.00	4172403.00	99.29	99.29	1.80
DISCCART	595674.00	4172403.00	99.25	99.25	1.80
DISCCART	595694.00	4172403.00	99.31	99.31	1.80
DISCCART	595714.00	4172403.00	99.26	99.26	1.80
DISCCART	595734.00	4172403.00	99.20	99.20	1.80
DISCCART	595754.00	4172403.00	99.08	99.08	1.80
DISCCART	595774.00	4172403.00	98.93	98.93	1.80
DISCCART	595794.00	4172403.00	98.57	98.57	1.80
DISCCART	595814.00	4172403.00	98.30	98.30	1.80
DISCCART	595834.00	4172403.00	98.19	98.19	1.80
DISCCART	595854.00	4172403.00	98.17	98.17	1.80
DISCCART	595074.00	4172423.00	101.37	101.37	1.80
DISCCART	595094.00	4172423.00	101.32	101.32	1.80
DISCCART	595554.00	4172423.00	99.25	101.87	1.80
DISCCART	595574.00	4172423.00	100.59	101.62	1.80
DISCCART	595594.00	4172423.00	99.41	99.41	1.80
DISCCART	595614.00	4172423.00	99.43	99.43	1.80
DISCCART	595634.00	4172423.00	99.46	99.46	1.80
DISCCART	595654.00	4172423.00	99.44	99.44	1.80
DISCCART	595674.00	4172423.00	99.46	99.46	1.80
DISCCART	595694.00	4172423.00	99.41	99.41	1.80
DISCCART	595714.00	4172423.00	99.36	99.36	1.80
DISCCART	595734.00	4172423.00	99.27	99.27	1.80
DISCCART	595754.00	4172423.00	99.10	99.10	1.80

DISCCART	595774.00	4172423.00	99.03	99.03	1.80
DISCCART	595794.00	4172423.00	98.90	98.90	1.80
DISCCART	595814.00	4172423.00	99.12	99.12	1.80
DISCCART	595834.00	4172423.00	99.23	99.23	1.80
DISCCART	595854.00	4172423.00	99.05	99.05	1.80
DISCCART	595074.00	4172443.00	101.51	101.51	1.80
DISCCART	595094.00	4172443.00	101.39	101.39	1.80
DISCCART	595114.00	4172443.00	101.38	101.38	1.80
DISCCART	595134.00	4172443.00	101.30	101.30	1.80
DISCCART	595534.00	4172443.00	100.62	101.06	1.80
DISCCART	595554.00	4172443.00	100.21	101.87	1.80
DISCCART	595574.00	4172443.00	99.95	101.87	1.80
DISCCART	595594.00	4172443.00	99.56	99.56	1.80
DISCCART	595614.00	4172443.00	99.56	99.56	1.80
DISCCART	595634.00	4172443.00	99.54	99.54	1.80
DISCCART	595654.00	4172443.00	99.52	99.52	1.80
DISCCART	595674.00	4172443.00	99.55	99.55	1.80
DISCCART	595694.00	4172443.00	99.53	99.53	1.80
DISCCART	595714.00	4172443.00	99.40	99.40	1.80
DISCCART	595734.00	4172443.00	99.22	99.22	1.80
DISCCART	595754.00	4172443.00	99.15	99.15	1.80
DISCCART	595774.00	4172443.00	99.05	99.05	1.80
DISCCART	595794.00	4172443.00	98.92	98.92	1.80
DISCCART	595814.00	4172443.00	99.15	99.15	1.80
DISCCART	595834.00	4172443.00	99.32	99.32	1.80
DISCCART	595854.00	4172443.00	99.40	99.40	1.80
DISCCART	595054.00	4172463.00	101.45	101.45	1.80
DISCCART	595074.00	4172463.00	101.44	101.44	1.80
DISCCART	595094.00	4172463.00	101.45	101.45	1.80
DISCCART	595114.00	4172463.00	101.44	101.44	1.80
DISCCART	595534.00	4172463.00	100.97	100.97	1.80
DISCCART	595554.00	4172463.00	101.59	101.59	1.80
DISCCART	595574.00	4172463.00	101.05	101.05	1.80
DISCCART	595594.00	4172463.00	99.81	100.86	1.80
DISCCART	595614.00	4172463.00	99.69	99.69	1.80
DISCCART	595634.00	4172463.00	99.62	99.62	1.80
DISCCART	595654.00	4172463.00	99.54	99.54	1.80
DISCCART	595674.00	4172463.00	99.54	99.54	1.80
DISCCART	595694.00	4172463.00	99.51	99.51	1.80
DISCCART	595714.00	4172463.00	99.47	99.47	1.80
DISCCART	595734.00	4172463.00	99.37	99.37	1.80
DISCCART	595754.00	4172463.00	99.28	99.28	1.80
DISCCART	595774.00	4172463.00	99.16	99.16	1.80
DISCCART	595794.00	4172463.00	98.94	98.94	1.80
DISCCART	595814.00	4172463.00	99.23	99.23	1.80
DISCCART	595834.00	4172463.00	99.32	99.32	1.80
DISCCART	595054.00	4172483.00	102.88	103.72	1.80
DISCCART	595074.00	4172483.00	101.50	103.72	1.80
DISCCART	595094.00	4172483.00	101.42	101.42	1.80
DISCCART	595114.00	4172483.00	101.42	101.42	1.80
DISCCART	595534.00	4172483.00	100.48	101.73	1.80
DISCCART	595554.00	4172483.00	101.76	101.76	1.80
DISCCART	595574.00	4172483.00	100.85	100.85	1.80
DISCCART	595594.00	4172483.00	100.31	100.31	1.80
DISCCART	595614.00	4172483.00	100.49	100.49	1.80
DISCCART	595634.00	4172483.00	100.08	100.08	1.80
DISCCART	595654.00	4172483.00	99.71	100.79	1.80
DISCCART	595674.00	4172483.00	99.59	99.59	1.80
DISCCART	595694.00	4172483.00	99.55	99.55	1.80
DISCCART	595714.00	4172483.00	99.52	99.52	1.80
DISCCART	595734.00	4172483.00	99.48	99.48	1.80
DISCCART	595754.00	4172483.00	99.38	99.38	1.80
DISCCART	595774.00	4172483.00	99.24	99.24	1.80
DISCCART	595794.00	4172483.00	99.11	99.11	1.80

DISCCART	595814.00	4172483.00	99.29	99.29	1.80
DISCCART	595834.00	4172483.00	99.42	99.42	1.80
DISCCART	595034.00	4172503.00	101.51	101.51	1.80
DISCCART	595054.00	4172503.00	101.99	103.72	1.80
DISCCART	595074.00	4172503.00	101.81	101.81	1.80
DISCCART	595094.00	4172503.00	101.61	101.61	1.80
DISCCART	595114.00	4172503.00	101.25	101.25	1.80
DISCCART	595534.00	4172503.00	99.99	101.88	1.80
DISCCART	595554.00	4172503.00	101.62	101.62	1.80
DISCCART	595574.00	4172503.00	100.58	100.58	1.80
DISCCART	595594.00	4172503.00	100.52	100.52	1.80
DISCCART	595614.00	4172503.00	100.61	100.61	1.80
DISCCART	595634.00	4172503.00	100.27	100.27	1.80
DISCCART	595654.00	4172503.00	100.07	100.07	1.80
DISCCART	595674.00	4172503.00	100.65	100.65	1.80
DISCCART	595694.00	4172503.00	99.71	99.71	1.80
DISCCART	595714.00	4172503.00	99.67	99.67	1.80
DISCCART	595734.00	4172503.00	99.56	99.56	1.80
DISCCART	595754.00	4172503.00	99.57	99.57	1.80
DISCCART	595774.00	4172503.00	99.38	99.38	1.80
DISCCART	595794.00	4172503.00	99.05	99.05	1.80
DISCCART	595814.00	4172503.00	99.29	99.29	1.80
DISCCART	595834.00	4172503.00	99.44	99.44	1.80
DISCCART	595034.00	4172523.00	101.52	101.52	1.80
DISCCART	595054.00	4172523.00	101.41	101.41	1.80
DISCCART	595074.00	4172523.00	101.32	101.32	1.80
DISCCART	595094.00	4172523.00	101.69	101.69	1.80
DISCCART	595514.00	4172523.00	100.69	100.69	1.80
DISCCART	595534.00	4172523.00	100.80	102.06	1.80
DISCCART	595554.00	4172523.00	100.61	101.68	1.80
DISCCART	595574.00	4172523.00	97.98	102.06	1.80
DISCCART	595594.00	4172523.00	96.26	101.88	1.80
DISCCART	595614.00	4172523.00	97.26	100.76	1.80
DISCCART	595634.00	4172523.00	99.58	100.64	1.80
DISCCART	595654.00	4172523.00	100.64	100.64	1.80
DISCCART	595674.00	4172523.00	99.83	99.83	1.80
DISCCART	595694.00	4172523.00	100.34	100.34	1.80
DISCCART	595714.00	4172523.00	100.27	100.56	1.80
DISCCART	595734.00	4172523.00	100.07	100.07	1.80
DISCCART	595754.00	4172523.00	99.78	99.78	1.80
DISCCART	595774.00	4172523.00	99.56	99.56	1.80
DISCCART	595794.00	4172523.00	99.11	99.11	1.80
DISCCART	595814.00	4172523.00	99.31	99.31	1.80
DISCCART	595834.00	4172523.00	99.45	99.45	1.80
DISCCART	595034.00	4172543.00	101.56	101.56	1.80
DISCCART	595054.00	4172543.00	101.38	101.38	1.80
DISCCART	595074.00	4172543.00	101.42	101.42	1.80
DISCCART	595094.00	4172543.00	101.27	101.27	1.80
DISCCART	595514.00	4172543.00	100.90	101.39	1.80
DISCCART	595534.00	4172543.00	101.50	101.95	1.80
DISCCART	595554.00	4172543.00	100.51	100.75	1.80
DISCCART	595574.00	4172543.00	96.41	102.06	1.80
DISCCART	595594.00	4172543.00	95.92	102.06	1.80
DISCCART	595614.00	4172543.00	96.06	100.89	1.80
DISCCART	595634.00	4172543.00	97.40	100.89	1.80
DISCCART	595654.00	4172543.00	99.29	100.89	1.80
DISCCART	595674.00	4172543.00	96.46	100.89	1.80
DISCCART	595694.00	4172543.00	97.06	100.73	1.80
DISCCART	595714.00	4172543.00	98.97	100.46	1.80
DISCCART	595734.00	4172543.00	100.26	100.26	1.80
DISCCART	595754.00	4172543.00	100.03	100.03	1.80
DISCCART	595774.00	4172543.00	100.41	100.41	1.80
DISCCART	595794.00	4172543.00	99.33	99.33	1.80
DISCCART	595814.00	4172543.00	99.32	99.32	1.80

DISCCART	595014.00	4172563.00	101.40	101.40	1.80
DISCCART	595034.00	4172563.00	101.46	101.46	1.80
DISCCART	595054.00	4172563.00	101.48	101.48	1.80
DISCCART	595074.00	4172563.00	101.58	101.58	1.80
DISCCART	595094.00	4172563.00	101.36	101.36	1.80
DISCCART	595514.00	4172563.00	100.02	101.82	1.80
DISCCART	595534.00	4172563.00	101.00	101.82	1.80
DISCCART	595554.00	4172563.00	98.89	101.95	1.80
DISCCART	595574.00	4172563.00	95.87	102.06	1.80
DISCCART	595594.00	4172563.00	95.65	101.95	1.80
DISCCART	595614.00	4172563.00	95.99	100.92	1.80
DISCCART	595634.00	4172563.00	99.90	100.16	1.80
DISCCART	595654.00	4172563.00	97.17	100.89	1.80
DISCCART	595674.00	4172563.00	96.38	100.89	1.80
DISCCART	595694.00	4172563.00	96.38	100.47	1.80
DISCCART	595714.00	4172563.00	96.38	100.73	1.80
DISCCART	595734.00	4172563.00	97.04	100.80	1.80
DISCCART	595754.00	4172563.00	100.23	100.23	1.80
DISCCART	595774.00	4172563.00	100.44	100.44	1.80
DISCCART	595794.00	4172563.00	99.09	99.09	1.80
DISCCART	595814.00	4172563.00	99.30	99.30	1.80
DISCCART	595014.00	4172583.00	101.37	101.37	1.80
DISCCART	595034.00	4172583.00	101.56	101.56	1.80
DISCCART	595054.00	4172583.00	101.50	101.50	1.80
DISCCART	595074.00	4172583.00	101.60	101.60	1.80
DISCCART	595494.00	4172583.00	100.63	100.63	1.80
DISCCART	595514.00	4172583.00	100.22	101.73	1.80
DISCCART	595534.00	4172583.00	100.72	100.72	1.80
DISCCART	595554.00	4172583.00	96.70	102.06	1.80
DISCCART	595574.00	4172583.00	95.69	102.06	1.80
DISCCART	595594.00	4172583.00	95.72	100.92	1.80
DISCCART	595614.00	4172583.00	96.86	100.92	1.80
DISCCART	595634.00	4172583.00	99.79	100.85	1.80
DISCCART	595654.00	4172583.00	96.40	100.92	1.80
DISCCART	595674.00	4172583.00	96.38	100.85	1.80
DISCCART	595694.00	4172583.00	96.38	96.38	1.80
DISCCART	595714.00	4172583.00	96.38	100.84	1.80
DISCCART	595734.00	4172583.00	97.46	100.84	1.80
DISCCART	595754.00	4172583.00	100.05	100.05	1.80
DISCCART	595774.00	4172583.00	99.28	100.80	1.80
DISCCART	595794.00	4172583.00	99.02	99.02	1.80
DISCCART	595814.00	4172583.00	99.15	99.15	1.80
DISCCART	595034.00	4172603.00	101.28	101.28	1.80
DISCCART	595054.00	4172603.00	101.45	101.45	1.80
DISCCART	595074.00	4172603.00	101.45	101.45	1.80
DISCCART	595494.00	4172603.00	100.60	100.60	1.80
DISCCART	595514.00	4172603.00	101.46	101.81	1.80
DISCCART	595534.00	4172603.00	100.52	100.52	1.80
DISCCART	595554.00	4172603.00	96.76	102.06	1.80
DISCCART	595574.00	4172603.00	95.62	102.06	1.80
DISCCART	595594.00	4172603.00	95.85	101.19	1.80
DISCCART	595614.00	4172603.00	99.03	100.92	1.80
DISCCART	595634.00	4172603.00	98.07	100.92	1.80
DISCCART	595654.00	4172603.00	96.38	100.92	1.80
DISCCART	595674.00	4172603.00	96.38	100.62	1.80
DISCCART	595694.00	4172603.00	96.38	100.62	1.80
DISCCART	595714.00	4172603.00	96.37	100.84	1.80
DISCCART	595734.00	4172603.00	99.57	100.56	1.80
DISCCART	595754.00	4172603.00	100.39	100.39	1.80
DISCCART	595774.00	4172603.00	99.06	99.06	1.80
DISCCART	595794.00	4172603.00	99.25	99.25	1.80
DISCCART	595474.00	4172623.00	100.58	101.04	1.80
DISCCART	595494.00	4172623.00	99.57	102.10	1.80
DISCCART	595514.00	4172623.00	101.02	102.06	1.80

DISCCART	595534.00	4172623.00	100.36	100.36	1.80
DISCCART	595554.00	4172623.00	100.34	100.34	1.80
DISCCART	595574.00	4172623.00	99.48	100.65	1.80
DISCCART	595594.00	4172623.00	97.67	101.19	1.80
DISCCART	595614.00	4172623.00	100.19	100.19	1.80
DISCCART	595634.00	4172623.00	99.25	100.75	1.80
DISCCART	595654.00	4172623.00	99.19	100.62	1.80
DISCCART	595674.00	4172623.00	97.33	100.62	1.80
DISCCART	595694.00	4172623.00	96.40	100.81	1.80
DISCCART	595714.00	4172623.00	96.77	100.98	1.80
DISCCART	595734.00	4172623.00	100.20	100.20	1.80
DISCCART	595754.00	4172623.00	99.59	100.78	1.80
DISCCART	595774.00	4172623.00	99.16	99.16	1.80
DISCCART	595794.00	4172623.00	99.34	99.34	1.80
DISCCART	595814.00	4172623.00	99.52	99.52	1.80
DISCCART	595474.00	4172643.00	100.71	100.71	1.80
DISCCART	595494.00	4172643.00	101.61	102.01	1.80
DISCCART	595514.00	4172643.00	100.43	102.10	1.80
DISCCART	595534.00	4172643.00	100.66	100.66	1.80
DISCCART	595554.00	4172643.00	100.68	100.68	1.80
DISCCART	595574.00	4172643.00	100.98	100.98	1.80
DISCCART	595594.00	4172643.00	100.81	100.81	1.80
DISCCART	595614.00	4172643.00	98.40	100.85	1.80
DISCCART	595634.00	4172643.00	96.23	100.86	1.80
DISCCART	595654.00	4172643.00	97.49	100.62	1.80
DISCCART	595674.00	4172643.00	99.36	100.61	1.80
DISCCART	595694.00	4172643.00	99.56	100.54	1.80
DISCCART	595714.00	4172643.00	99.70	100.81	1.80
DISCCART	595734.00	4172643.00	100.11	100.82	1.80
DISCCART	595754.00	4172643.00	99.20	100.82	1.80
DISCCART	595774.00	4172643.00	99.46	99.46	1.80
DISCCART	595794.00	4172643.00	99.55	99.55	1.80
DISCCART	595814.00	4172643.00	99.66	99.66	1.80
DISCCART	595474.00	4172663.00	100.58	100.58	1.80
DISCCART	595494.00	4172663.00	101.39	101.39	1.80
DISCCART	595514.00	4172663.00	100.53	100.53	1.80
DISCCART	595534.00	4172663.00	100.70	100.70	1.80
DISCCART	595554.00	4172663.00	100.77	100.77	1.80
DISCCART	595574.00	4172663.00	100.96	100.96	1.80
DISCCART	595594.00	4172663.00	100.66	100.66	1.80
DISCCART	595614.00	4172663.00	96.55	101.19	1.80
DISCCART	595634.00	4172663.00	95.93	100.86	1.80
DISCCART	595654.00	4172663.00	96.21	100.62	1.80
DISCCART	595674.00	4172663.00	96.12	100.81	1.80
DISCCART	595694.00	4172663.00	97.47	100.81	1.80
DISCCART	595714.00	4172663.00	100.49	100.49	1.80
DISCCART	595734.00	4172663.00	100.05	100.98	1.80
DISCCART	595754.00	4172663.00	99.24	99.24	1.80
DISCCART	595774.00	4172663.00	99.67	100.40	1.80
DISCCART	595794.00	4172663.00	99.71	99.71	1.80
DISCCART	595814.00	4172663.00	99.75	99.75	1.80
DISCCART	595454.00	4172683.00	100.81	100.81	1.80
DISCCART	595474.00	4172683.00	100.88	100.88	1.80
DISCCART	595494.00	4172683.00	100.86	100.86	1.80
DISCCART	595514.00	4172683.00	100.47	100.47	1.80
DISCCART	595534.00	4172683.00	100.64	100.64	1.80
DISCCART	595554.00	4172683.00	100.72	100.72	1.80
DISCCART	595574.00	4172683.00	100.77	100.77	1.80
DISCCART	595594.00	4172683.00	99.45	100.79	1.80
DISCCART	595614.00	4172683.00	95.92	101.09	1.80
DISCCART	595634.00	4172683.00	96.08	100.86	1.80
DISCCART	595654.00	4172683.00	96.24	96.24	1.80
DISCCART	595674.00	4172683.00	96.15	100.64	1.80
DISCCART	595694.00	4172683.00	98.21	100.64	1.80

DISCCART	595714.00	4172683.00	99.83	99.83	1.80
DISCCART	595734.00	4172683.00	99.06	100.73	1.80
DISCCART	595754.00	4172683.00	99.82	100.29	1.80
DISCCART	595774.00	4172683.00	100.76	100.76	1.80
DISCCART	595794.00	4172683.00	100.43	100.43	1.80
DISCCART	595814.00	4172683.00	100.31	100.31	1.80
DISCCART	595474.00	4172703.00	101.22	101.22	1.80
DISCCART	595494.00	4172703.00	101.68	101.68	1.80
DISCCART	595514.00	4172703.00	101.51	101.51	1.80
DISCCART	595534.00	4172703.00	100.81	100.81	1.80
DISCCART	595554.00	4172703.00	100.54	100.54	1.80
DISCCART	595574.00	4172703.00	100.67	100.67	1.80
DISCCART	595594.00	4172703.00	97.20	101.82	1.80
DISCCART	595614.00	4172703.00	95.89	101.78	1.80
DISCCART	595634.00	4172703.00	96.11	101.58	1.80
DISCCART	595654.00	4172703.00	96.12	100.57	1.80
DISCCART	595674.00	4172703.00	96.40	100.64	1.80
DISCCART	595694.00	4172703.00	99.89	100.57	1.80
DISCCART	595714.00	4172703.00	100.37	100.37	1.80
DISCCART	595734.00	4172703.00	98.89	98.89	1.80
DISCCART	595754.00	4172703.00	99.95	99.95	1.80
DISCCART	595774.00	4172703.00	100.43	100.43	1.80
DISCCART	595794.00	4172703.00	100.68	102.69	1.80
DISCCART	595814.00	4172703.00	100.77	102.47	1.80
DISCCART	595834.00	4172703.00	100.54	101.76	1.80
DISCCART	595294.00	4172723.00	100.14	100.14	1.80
DISCCART	595314.00	4172723.00	100.41	100.41	1.80
DISCCART	595514.00	4172723.00	100.85	100.85	1.80
DISCCART	595534.00	4172723.00	101.48	101.48	1.80
DISCCART	595554.00	4172723.00	101.61	101.61	1.80
DISCCART	595574.00	4172723.00	100.89	100.89	1.80
DISCCART	595594.00	4172723.00	98.31	101.78	1.80
DISCCART	595614.00	4172723.00	96.71	101.78	1.80
DISCCART	595634.00	4172723.00	96.16	101.78	1.80
DISCCART	595654.00	4172723.00	96.15	101.58	1.80
DISCCART	595674.00	4172723.00	97.30	100.77	1.80
DISCCART	595694.00	4172723.00	100.11	100.11	1.80
DISCCART	595714.00	4172723.00	99.16	100.61	1.80
DISCCART	595734.00	4172723.00	99.31	99.31	1.80
DISCCART	595754.00	4172723.00	100.52	100.52	1.80
DISCCART	595774.00	4172723.00	100.83	102.53	1.80
DISCCART	595794.00	4172723.00	102.53	102.53	1.80
DISCCART	595814.00	4172723.00	102.33	102.33	1.80
DISCCART	595834.00	4172723.00	101.95	101.95	1.80
DISCCART	595294.00	4172743.00	99.98	99.98	1.80
DISCCART	595314.00	4172743.00	100.38	100.38	1.80
DISCCART	595334.00	4172743.00	100.45	100.45	1.80
DISCCART	595354.00	4172743.00	99.74	99.74	1.80
DISCCART	595374.00	4172743.00	99.92	99.92	1.80
DISCCART	595534.00	4172743.00	100.34	100.34	1.80
DISCCART	595554.00	4172743.00	100.67	100.67	1.80
DISCCART	595574.00	4172743.00	101.28	101.28	1.80
DISCCART	595594.00	4172743.00	101.08	101.08	1.80
DISCCART	595614.00	4172743.00	100.55	101.58	1.80
DISCCART	595634.00	4172743.00	98.90	101.50	1.80
DISCCART	595654.00	4172743.00	97.18	101.50	1.80
DISCCART	595674.00	4172743.00	99.52	100.56	1.80
DISCCART	595694.00	4172743.00	100.37	100.37	1.80
DISCCART	595714.00	4172743.00	99.40	99.40	1.80
DISCCART	595734.00	4172743.00	99.57	99.57	1.80
DISCCART	595754.00	4172743.00	100.73	100.73	1.80
DISCCART	595774.00	4172743.00	102.29	102.29	1.80
DISCCART	595794.00	4172743.00	102.32	102.32	1.80
DISCCART	595814.00	4172743.00	102.09	102.09	1.80

DISCCART	595834.00	4172743.00	101.81	101.81	1.80
DISCCART	595274.00	4172763.00	99.50	99.50	1.80
DISCCART	595294.00	4172763.00	99.71	99.71	1.80
DISCCART	595314.00	4172763.00	100.29	100.29	1.80
DISCCART	595334.00	4172763.00	100.28	100.28	1.80
DISCCART	595354.00	4172763.00	99.74	99.74	1.80
DISCCART	595374.00	4172763.00	100.40	100.40	1.80
DISCCART	595394.00	4172763.00	100.16	100.16	1.80
DISCCART	595414.00	4172763.00	99.98	99.98	1.80
DISCCART	595534.00	4172763.00	100.36	100.36	1.80
DISCCART	595554.00	4172763.00	100.48	100.48	1.80
DISCCART	595574.00	4172763.00	100.45	100.45	1.80
DISCCART	595594.00	4172763.00	100.55	100.55	1.80
DISCCART	595614.00	4172763.00	101.03	101.03	1.80
DISCCART	595634.00	4172763.00	101.26	101.26	1.80
DISCCART	595654.00	4172763.00	100.91	100.91	1.80
DISCCART	595674.00	4172763.00	100.57	100.57	1.80
DISCCART	595694.00	4172763.00	100.74	100.74	1.80
DISCCART	595714.00	4172763.00	100.15	100.15	1.80
DISCCART	595734.00	4172763.00	100.25	100.25	1.80
DISCCART	595754.00	4172763.00	101.02	101.24	1.80
DISCCART	595774.00	4172763.00	101.86	101.86	1.80
DISCCART	595794.00	4172763.00	101.93	102.10	1.80
DISCCART	595814.00	4172763.00	101.78	101.78	1.80
DISCCART	594934.00	4172783.00	101.40	101.40	1.80
DISCCART	594954.00	4172783.00	102.11	102.11	1.80
DISCCART	594974.00	4172783.00	102.15	102.15	1.80
DISCCART	595274.00	4172783.00	99.65	99.65	1.80
DISCCART	595294.00	4172783.00	99.71	99.71	1.80
DISCCART	595314.00	4172783.00	99.44	99.44	1.80
DISCCART	595334.00	4172783.00	99.64	99.64	1.80
DISCCART	595354.00	4172783.00	100.44	100.44	1.80
DISCCART	595374.00	4172783.00	100.72	100.72	1.80
DISCCART	595394.00	4172783.00	100.71	100.71	1.80
DISCCART	595414.00	4172783.00	100.60	100.60	1.80
DISCCART	595434.00	4172783.00	100.41	100.41	1.80
DISCCART	595454.00	4172783.00	100.06	100.06	1.80
DISCCART	595514.00	4172783.00	100.26	100.26	1.80
DISCCART	595534.00	4172783.00	100.31	100.31	1.80
DISCCART	595554.00	4172783.00	100.43	100.43	1.80
DISCCART	595574.00	4172783.00	100.28	100.28	1.80
DISCCART	595594.00	4172783.00	100.51	100.51	1.80
DISCCART	595614.00	4172783.00	100.48	100.48	1.80
DISCCART	595634.00	4172783.00	100.67	100.67	1.80
DISCCART	595654.00	4172783.00	100.84	100.84	1.80
DISCCART	595674.00	4172783.00	101.34	101.34	1.80
DISCCART	595694.00	4172783.00	101.49	101.49	1.80
DISCCART	595714.00	4172783.00	100.30	101.84	1.80
DISCCART	595734.00	4172783.00	99.96	103.21	1.80
DISCCART	595754.00	4172783.00	99.96	103.17	1.80
DISCCART	595774.00	4172783.00	99.75	103.20	1.80
DISCCART	595794.00	4172783.00	99.64	103.23	1.80
DISCCART	595814.00	4172783.00	100.61	102.36	1.80
DISCCART	594894.00	4172803.00	102.16	102.16	1.80
DISCCART	594914.00	4172803.00	102.17	102.17	1.80
DISCCART	594934.00	4172803.00	101.92	101.92	1.80
DISCCART	594954.00	4172803.00	102.04	102.04	1.80
DISCCART	594974.00	4172803.00	101.95	101.95	1.80
DISCCART	595274.00	4172803.00	100.01	100.01	1.80
DISCCART	595294.00	4172803.00	100.30	100.30	1.80
DISCCART	595314.00	4172803.00	100.11	100.11	1.80
DISCCART	595334.00	4172803.00	99.52	99.52	1.80
DISCCART	595354.00	4172803.00	100.25	100.25	1.80
DISCCART	595374.00	4172803.00	100.60	100.60	1.80

DISCCART	595394.00	4172803.00	100.74	100.74	1.80
DISCCART	595414.00	4172803.00	100.67	100.67	1.80
DISCCART	595434.00	4172803.00	100.70	100.70	1.80
DISCCART	595454.00	4172803.00	100.69	100.69	1.80
DISCCART	595474.00	4172803.00	100.41	100.41	1.80
DISCCART	595494.00	4172803.00	100.10	100.10	1.80
DISCCART	595514.00	4172803.00	99.96	99.96	1.80
DISCCART	595534.00	4172803.00	100.13	100.13	1.80
DISCCART	595554.00	4172803.00	100.34	100.34	1.80
DISCCART	595574.00	4172803.00	100.23	100.23	1.80
DISCCART	595594.00	4172803.00	100.53	100.53	1.80
DISCCART	595614.00	4172803.00	100.44	100.44	1.80
DISCCART	595634.00	4172803.00	100.46	100.46	1.80
DISCCART	595654.00	4172803.00	100.59	100.59	1.80
DISCCART	595674.00	4172803.00	100.79	100.79	1.80
DISCCART	595694.00	4172803.00	101.49	101.78	1.80
DISCCART	595714.00	4172803.00	101.99	103.01	1.80
DISCCART	595734.00	4172803.00	101.68	103.21	1.80
DISCCART	595754.00	4172803.00	101.57	103.17	1.80
DISCCART	595774.00	4172803.00	101.47	103.20	1.80
DISCCART	595794.00	4172803.00	101.55	103.20	1.80
DISCCART	595814.00	4172803.00	101.62	103.23	1.80
DISCCART	594874.00	4172823.00	102.62	102.62	1.80
DISCCART	594894.00	4172823.00	102.35	102.35	1.80
DISCCART	594914.00	4172823.00	102.14	102.14	1.80
DISCCART	594934.00	4172823.00	102.01	102.01	1.80
DISCCART	594954.00	4172823.00	102.05	102.05	1.80
DISCCART	595254.00	4172823.00	100.08	100.08	1.80
DISCCART	595274.00	4172823.00	100.22	100.22	1.80
DISCCART	595294.00	4172823.00	100.30	100.30	1.80
DISCCART	595314.00	4172823.00	99.82	99.82	1.80
DISCCART	595334.00	4172823.00	100.00	100.00	1.80
DISCCART	595354.00	4172823.00	100.37	100.37	1.80
DISCCART	595374.00	4172823.00	100.34	100.34	1.80
DISCCART	595394.00	4172823.00	100.54	100.54	1.80
DISCCART	595414.00	4172823.00	100.72	100.72	1.80
DISCCART	595434.00	4172823.00	100.70	100.70	1.80
DISCCART	595454.00	4172823.00	100.70	100.70	1.80
DISCCART	595474.00	4172823.00	100.76	100.76	1.80
DISCCART	595494.00	4172823.00	100.60	100.60	1.80
DISCCART	595514.00	4172823.00	100.46	100.46	1.80
DISCCART	595534.00	4172823.00	100.26	100.26	1.80
DISCCART	595554.00	4172823.00	100.13	100.13	1.80
DISCCART	595574.00	4172823.00	100.11	100.11	1.80
DISCCART	595594.00	4172823.00	100.30	100.30	1.80
DISCCART	595614.00	4172823.00	100.30	100.30	1.80
DISCCART	595634.00	4172823.00	100.44	100.44	1.80
DISCCART	595654.00	4172823.00	100.49	100.49	1.80
DISCCART	595674.00	4172823.00	100.62	103.26	1.80
DISCCART	595694.00	4172823.00	102.08	103.26	1.80
DISCCART	595714.00	4172823.00	102.49	102.49	1.80
DISCCART	595734.00	4172823.00	102.22	102.22	1.80
DISCCART	595754.00	4172823.00	102.23	102.23	1.80
DISCCART	595774.00	4172823.00	102.24	102.24	1.80
DISCCART	595794.00	4172823.00	102.26	102.26	1.80
DISCCART	595814.00	4172823.00	102.42	102.42	1.80
DISCCART	594874.00	4172843.00	102.26	102.26	1.80
DISCCART	594894.00	4172843.00	102.58	102.58	1.80
DISCCART	594914.00	4172843.00	102.24	102.24	1.80
DISCCART	594934.00	4172843.00	102.03	102.03	1.80
DISCCART	594954.00	4172843.00	102.09	102.09	1.80
DISCCART	595254.00	4172843.00	100.26	100.26	1.80
DISCCART	595274.00	4172843.00	100.08	100.08	1.80
DISCCART	595294.00	4172843.00	100.10	100.10	1.80

DISCCART	595314.00	4172843.00	99.66	99.66	1.80
DISCCART	595334.00	4172843.00	100.21	100.21	1.80
DISCCART	595354.00	4172843.00	100.33	100.33	1.80
DISCCART	595374.00	4172843.00	100.38	100.38	1.80
DISCCART	595394.00	4172843.00	100.49	100.49	1.80
DISCCART	595414.00	4172843.00	100.47	100.47	1.80
DISCCART	595434.00	4172843.00	100.54	100.54	1.80
DISCCART	595454.00	4172843.00	100.52	100.52	1.80
DISCCART	595474.00	4172843.00	100.76	100.76	1.80
DISCCART	595494.00	4172843.00	100.63	100.63	1.80
DISCCART	595514.00	4172843.00	100.50	100.50	1.80
DISCCART	595534.00	4172843.00	100.56	100.56	1.80
DISCCART	595554.00	4172843.00	100.48	100.48	1.80
DISCCART	595574.00	4172843.00	100.20	100.20	1.80
DISCCART	595594.00	4172843.00	100.19	100.19	1.80
DISCCART	595614.00	4172843.00	100.52	100.52	1.80
DISCCART	595634.00	4172843.00	100.47	100.47	1.80
DISCCART	595654.00	4172843.00	100.55	100.55	1.80
DISCCART	595674.00	4172843.00	100.74	103.38	1.80
DISCCART	595694.00	4172843.00	103.16	103.38	1.80
DISCCART	595714.00	4172843.00	102.17	102.17	1.80
DISCCART	595734.00	4172843.00	102.17	102.17	1.80
DISCCART	595754.00	4172843.00	102.17	102.17	1.80
DISCCART	595774.00	4172843.00	102.17	102.17	1.80
DISCCART	595794.00	4172843.00	102.16	102.16	1.80
DISCCART	595814.00	4172843.00	102.22	102.22	1.80
DISCCART	594854.00	4172863.00	102.28	102.28	1.80
DISCCART	594874.00	4172863.00	102.02	102.02	1.80
DISCCART	594894.00	4172863.00	102.50	102.50	1.80
DISCCART	594914.00	4172863.00	102.54	102.54	1.80
DISCCART	594934.00	4172863.00	102.11	102.11	1.80
DISCCART	595234.00	4172863.00	100.45	100.45	1.80
DISCCART	595254.00	4172863.00	100.52	100.52	1.80
DISCCART	595274.00	4172863.00	100.51	100.51	1.80
DISCCART	595294.00	4172863.00	99.89	99.89	1.80
DISCCART	595314.00	4172863.00	99.89	99.89	1.80
DISCCART	595334.00	4172863.00	100.11	100.11	1.80
DISCCART	595354.00	4172863.00	100.36	100.36	1.80
DISCCART	595374.00	4172863.00	100.26	100.26	1.80
DISCCART	595394.00	4172863.00	100.54	100.54	1.80
DISCCART	595414.00	4172863.00	100.48	100.48	1.80
DISCCART	595434.00	4172863.00	100.43	100.43	1.80
DISCCART	595454.00	4172863.00	100.19	100.19	1.80
DISCCART	595474.00	4172863.00	100.32	100.32	1.80
DISCCART	595494.00	4172863.00	100.36	100.36	1.80
DISCCART	595514.00	4172863.00	100.45	100.45	1.80
DISCCART	595534.00	4172863.00	100.66	100.66	1.80
DISCCART	595554.00	4172863.00	100.59	100.59	1.80
DISCCART	595574.00	4172863.00	100.11	100.11	1.80
DISCCART	595594.00	4172863.00	99.98	99.98	1.80
DISCCART	595614.00	4172863.00	99.80	99.80	1.80
DISCCART	595634.00	4172863.00	100.60	100.60	1.80
DISCCART	595654.00	4172863.00	100.78	100.78	1.80
DISCCART	595674.00	4172863.00	101.42	103.29	1.80
DISCCART	595694.00	4172863.00	102.43	103.29	1.80
DISCCART	595714.00	4172863.00	102.17	102.17	1.80
DISCCART	595734.00	4172863.00	102.17	102.17	1.80
DISCCART	595754.00	4172863.00	102.17	102.17	1.80
DISCCART	595774.00	4172863.00	102.17	102.17	1.80
DISCCART	595794.00	4172863.00	102.17	102.17	1.80
DISCCART	594854.00	4172883.00	102.58	102.58	1.80
DISCCART	594874.00	4172883.00	102.60	102.60	1.80
DISCCART	594894.00	4172883.00	102.69	102.69	1.80
DISCCART	594914.00	4172883.00	102.66	102.66	1.80

DISCCART	595234.00	4172883.00	100.47	100.47	1.80
DISCCART	595254.00	4172883.00	100.54	100.54	1.80
DISCCART	595274.00	4172883.00	100.54	100.54	1.80
DISCCART	595294.00	4172883.00	100.20	100.20	1.80
DISCCART	595314.00	4172883.00	100.36	100.36	1.80
DISCCART	595334.00	4172883.00	100.08	100.08	1.80
DISCCART	595354.00	4172883.00	99.90	99.90	1.80
DISCCART	595374.00	4172883.00	99.88	99.88	1.80
DISCCART	595394.00	4172883.00	100.28	100.28	1.80
DISCCART	595414.00	4172883.00	100.34	100.34	1.80
DISCCART	595434.00	4172883.00	100.04	100.04	1.80
DISCCART	595454.00	4172883.00	100.23	100.23	1.80
DISCCART	595474.00	4172883.00	100.21	100.21	1.80
DISCCART	595494.00	4172883.00	100.31	100.31	1.80
DISCCART	595514.00	4172883.00	100.17	100.17	1.80
DISCCART	595534.00	4172883.00	100.31	100.31	1.80
DISCCART	595554.00	4172883.00	100.20	100.20	1.80
DISCCART	595574.00	4172883.00	99.94	99.94	1.80
DISCCART	595594.00	4172883.00	100.18	100.18	1.80
DISCCART	595614.00	4172883.00	100.32	100.32	1.80
DISCCART	595634.00	4172883.00	100.41	100.41	1.80
DISCCART	595654.00	4172883.00	100.41	103.37	1.80
DISCCART	595674.00	4172883.00	102.83	102.83	1.80
DISCCART	595694.00	4172883.00	102.18	102.18	1.80
DISCCART	595714.00	4172883.00	102.17	102.17	1.80
DISCCART	595734.00	4172883.00	102.17	102.17	1.80
DISCCART	595754.00	4172883.00	102.17	102.17	1.80
DISCCART	595774.00	4172883.00	102.16	102.16	1.80
DISCCART	595794.00	4172883.00	102.18	102.18	1.80
DISCCART	594854.00	4172903.00	102.65	102.65	1.80
DISCCART	594874.00	4172903.00	102.65	102.65	1.80
DISCCART	594894.00	4172903.00	102.74	102.74	1.80
DISCCART	594914.00	4172903.00	102.69	102.69	1.80
DISCCART	595234.00	4172903.00	100.47	100.47	1.80
DISCCART	595254.00	4172903.00	100.53	100.53	1.80
DISCCART	595274.00	4172903.00	100.45	100.45	1.80
DISCCART	595294.00	4172903.00	100.31	100.31	1.80
DISCCART	595314.00	4172903.00	100.46	100.46	1.80
DISCCART	595334.00	4172903.00	100.21	100.21	1.80
DISCCART	595354.00	4172903.00	100.39	100.39	1.80
DISCCART	595374.00	4172903.00	100.21	100.21	1.80
DISCCART	595394.00	4172903.00	99.83	99.83	1.80
DISCCART	595414.00	4172903.00	99.79	99.79	1.80
DISCCART	595434.00	4172903.00	99.89	99.89	1.80
DISCCART	595454.00	4172903.00	100.08	100.08	1.80
DISCCART	595474.00	4172903.00	100.22	100.22	1.80
DISCCART	595494.00	4172903.00	100.21	100.21	1.80
DISCCART	595514.00	4172903.00	100.31	100.31	1.80
DISCCART	595534.00	4172903.00	100.36	100.36	1.80
DISCCART	595554.00	4172903.00	100.06	100.06	1.80
DISCCART	595574.00	4172903.00	99.89	99.89	1.80
DISCCART	595594.00	4172903.00	100.29	100.29	1.80
DISCCART	595614.00	4172903.00	100.53	100.53	1.80
DISCCART	595634.00	4172903.00	100.50	100.50	1.80
DISCCART	595654.00	4172903.00	100.68	103.39	1.80
DISCCART	595674.00	4172903.00	102.92	103.36	1.80
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DISCCART	595714.00	4172903.00	102.17	102.17	1.80
DISCCART	595734.00	4172903.00	102.17	102.17	1.80
DISCCART	595754.00	4172903.00	102.17	102.17	1.80
DISCCART	595774.00	4172903.00	102.16	102.16	1.80
DISCCART	595794.00	4172903.00	102.16	102.16	1.80
DISCCART	594854.00	4172923.00	102.77	102.77	1.80
DISCCART	594874.00	4172923.00	102.64	102.64	1.80

DISCCART	594894.00	4172923.00	102.66	102.66	1.80
DISCCART	594914.00	4172923.00	102.49	102.49	1.80
DISCCART	595254.00	4172923.00	100.40	100.40	1.80
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DISCCART	595314.00	4172923.00	100.49	100.49	1.80
DISCCART	595334.00	4172923.00	100.20	100.20	1.80
DISCCART	595354.00	4172923.00	100.48	100.48	1.80
DISCCART	595374.00	4172923.00	100.49	100.49	1.80
DISCCART	595394.00	4172923.00	100.39	100.39	1.80
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DISCCART	595434.00	4172923.00	99.85	99.85	1.80
DISCCART	595454.00	4172923.00	99.85	99.85	1.80
DISCCART	595474.00	4172923.00	99.91	99.91	1.80
DISCCART	595494.00	4172923.00	100.23	100.23	1.80
DISCCART	595514.00	4172923.00	100.34	100.34	1.80
DISCCART	595534.00	4172923.00	100.43	100.43	1.80
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DISCCART	595594.00	4172923.00	100.30	100.30	1.80
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DISCCART	595634.00	4172923.00	100.40	103.39	1.80
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DISCCART	595734.00	4172923.00	102.17	102.17	1.80
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DISCCART	595434.00	4172943.00	100.18	100.18	1.80
DISCCART	595454.00	4172943.00	100.13	100.13	1.80
DISCCART	595474.00	4172943.00	100.04	100.04	1.80
DISCCART	595494.00	4172943.00	99.97	99.97	1.80
DISCCART	595514.00	4172943.00	100.03	100.03	1.80
DISCCART	595534.00	4172943.00	100.11	100.11	1.80
DISCCART	595554.00	4172943.00	100.06	100.06	1.80
DISCCART	595574.00	4172943.00	100.35	100.35	1.80
DISCCART	595594.00	4172943.00	100.30	100.30	1.80
DISCCART	595614.00	4172943.00	100.17	100.17	1.80
DISCCART	595634.00	4172943.00	100.44	103.44	1.80
DISCCART	595654.00	4172943.00	103.18	103.18	1.80
DISCCART	595674.00	4172943.00	102.63	103.19	1.80
DISCCART	595694.00	4172943.00	102.17	102.17	1.80
DISCCART	595714.00	4172943.00	102.19	102.19	1.80
DISCCART	595734.00	4172943.00	102.20	102.20	1.80
DISCCART	595754.00	4172943.00	102.21	102.21	1.80
DISCCART	595774.00	4172943.00	102.22	102.22	1.80
DISCCART	595314.00	4172963.00	100.56	100.56	1.80
DISCCART	595334.00	4172963.00	100.25	100.25	1.80
DISCCART	595354.00	4172963.00	100.32	100.32	1.80
DISCCART	595374.00	4172963.00	100.34	100.34	1.80
DISCCART	595394.00	4172963.00	100.33	100.33	1.80
DISCCART	595414.00	4172963.00	100.34	100.34	1.80
DISCCART	595434.00	4172963.00	100.25	100.25	1.80
DISCCART	595454.00	4172963.00	100.28	100.28	1.80
DISCCART	595474.00	4172963.00	100.51	100.51	1.80
DISCCART	595494.00	4172963.00	100.29	100.29	1.80
DISCCART	595514.00	4172963.00	100.21	100.21	1.80

DISCCART	595534.00	4172963.00	100.17	100.17	1.80
DISCCART	595554.00	4172963.00	100.17	100.17	1.80
DISCCART	595574.00	4172963.00	100.25	100.25	1.80
DISCCART	595594.00	4172963.00	100.29	100.29	1.80
DISCCART	595614.00	4172963.00	100.18	103.44	1.80
DISCCART	595634.00	4172963.00	101.75	103.44	1.80
DISCCART	595654.00	4172963.00	102.48	103.44	1.80
DISCCART	595674.00	4172963.00	102.43	103.32	1.80
DISCCART	595694.00	4172963.00	102.47	103.37	1.80
DISCCART	595714.00	4172963.00	102.53	103.46	1.80
DISCCART	595734.00	4172963.00	102.53	103.35	1.80
DISCCART	595754.00	4172963.00	102.52	103.26	1.80
DISCCART	595314.00	4172983.00	100.55	100.55	1.80
DISCCART	595334.00	4172983.00	100.31	100.31	1.80
DISCCART	595354.00	4172983.00	100.27	100.27	1.80
DISCCART	595374.00	4172983.00	100.28	100.28	1.80
DISCCART	595394.00	4172983.00	100.20	100.20	1.80
DISCCART	595414.00	4172983.00	100.26	100.26	1.80
DISCCART	595434.00	4172983.00	100.19	100.19	1.80
DISCCART	595454.00	4172983.00	100.19	100.19	1.80
DISCCART	595474.00	4172983.00	100.46	100.46	1.80
DISCCART	595494.00	4172983.00	100.32	100.32	1.80
DISCCART	595514.00	4172983.00	100.53	100.53	1.80
DISCCART	595534.00	4172983.00	100.46	100.46	1.80
DISCCART	595554.00	4172983.00	100.33	100.33	1.80
DISCCART	595574.00	4172983.00	100.62	100.62	1.80
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DISCCART	595734.00	4172983.00	102.01	102.01	1.80
DISCCART	595754.00	4172983.00	102.01	102.01	1.80
DISCCART	595314.00	4173003.00	100.23	100.23	1.80
DISCCART	595334.00	4173003.00	100.48	100.48	1.80
DISCCART	595354.00	4173003.00	100.39	100.39	1.80
DISCCART	595374.00	4173003.00	100.29	100.29	1.80
DISCCART	595394.00	4173003.00	100.31	100.31	1.80
DISCCART	595414.00	4173003.00	100.26	100.26	1.80
DISCCART	595434.00	4173003.00	100.22	100.22	1.80
DISCCART	595454.00	4173003.00	100.15	100.15	1.80
DISCCART	595474.00	4173003.00	100.35	100.35	1.80
DISCCART	595494.00	4173003.00	100.40	100.40	1.80
DISCCART	595514.00	4173003.00	100.52	100.52	1.80
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DISCCART	595554.00	4173003.00	100.45	100.45	1.80
DISCCART	595574.00	4173003.00	100.80	100.80	1.80
DISCCART	595594.00	4173003.00	100.73	100.73	1.80
DISCCART	595614.00	4173003.00	101.27	103.39	1.80
DISCCART	595634.00	4173003.00	102.39	103.37	1.80
DISCCART	595654.00	4173003.00	102.01	102.01	1.80
DISCCART	595674.00	4173003.00	102.01	102.01	1.80
DISCCART	595694.00	4173003.00	102.01	102.01	1.80
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DISCCART	595294.00	4173023.00	100.68	100.68	1.80
DISCCART	595314.00	4173023.00	100.70	100.70	1.80
DISCCART	595334.00	4173023.00	100.49	100.49	1.80
DISCCART	595354.00	4173023.00	100.38	100.38	1.80
DISCCART	595374.00	4173023.00	100.33	100.33	1.80
DISCCART	595394.00	4173023.00	100.27	100.27	1.80
DISCCART	595414.00	4173023.00	100.22	100.22	1.80

DISCCART	595434.00	4173023.00	100.42	100.42	1.80
DISCCART	595454.00	4173023.00	100.45	100.45	1.80
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DISCCART	595494.00	4173023.00	100.41	100.41	1.80
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DISCCART	595534.00	4173023.00	100.53	100.53	1.80
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DISCCART	595594.00	4173023.00	100.64	103.48	1.80
DISCCART	595614.00	4173023.00	102.94	102.94	1.80
DISCCART	595634.00	4173023.00	102.02	102.02	1.80
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DISCCART	595674.00	4173023.00	102.01	102.01	1.80
DISCCART	595694.00	4173023.00	102.01	102.01	1.80
DISCCART	595714.00	4173023.00	102.01	102.01	1.80
DISCCART	595294.00	4173043.00	100.56	100.56	1.80
DISCCART	595314.00	4173043.00	100.62	100.62	1.80
DISCCART	595334.00	4173043.00	100.43	100.43	1.80
DISCCART	595354.00	4173043.00	100.37	100.37	1.80
DISCCART	595374.00	4173043.00	100.31	100.31	1.80
DISCCART	595394.00	4173043.00	100.26	100.26	1.80
DISCCART	595414.00	4173043.00	100.40	100.40	1.80
DISCCART	595434.00	4173043.00	100.52	100.52	1.80
DISCCART	595454.00	4173043.00	100.60	100.60	1.80
DISCCART	595474.00	4173043.00	100.68	100.68	1.80
DISCCART	595494.00	4173043.00	100.53	100.53	1.80
DISCCART	595514.00	4173043.00	100.67	100.67	1.80
DISCCART	595534.00	4173043.00	100.82	100.82	1.80
DISCCART	595554.00	4173043.00	100.80	100.80	1.80
DISCCART	595574.00	4173043.00	100.76	100.76	1.80
DISCCART	595594.00	4173043.00	100.85	103.48	1.80
DISCCART	595614.00	4173043.00	102.87	103.48	1.80
DISCCART	595634.00	4173043.00	102.01	102.01	1.80
DISCCART	595654.00	4173043.00	102.01	102.01	1.80
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DISCCART	595694.00	4173043.00	102.01	102.01	1.80
DISCCART	595294.00	4173063.00	100.51	100.51	1.80
DISCCART	595314.00	4173063.00	100.50	100.50	1.80
DISCCART	595334.00	4173063.00	100.41	100.41	1.80
DISCCART	595354.00	4173063.00	100.35	100.35	1.80
DISCCART	595374.00	4173063.00	100.33	100.33	1.80
DISCCART	595394.00	4173063.00	100.53	100.53	1.80
DISCCART	595414.00	4173063.00	100.71	100.71	1.80
DISCCART	595434.00	4173063.00	100.79	100.79	1.80
DISCCART	595454.00	4173063.00	100.69	100.69	1.80
DISCCART	595474.00	4173063.00	100.66	100.66	1.80
DISCCART	595494.00	4173063.00	100.46	100.46	1.80
DISCCART	595514.00	4173063.00	100.62	100.62	1.80
DISCCART	595534.00	4173063.00	100.90	100.90	1.80
DISCCART	595554.00	4173063.00	100.86	100.86	1.80
DISCCART	595574.00	4173063.00	101.05	101.05	1.80
DISCCART	595594.00	4173063.00	102.12	103.22	1.80
DISCCART	595614.00	4173063.00	102.34	102.34	1.80
DISCCART	595634.00	4173063.00	102.01	102.01	1.80
DISCCART	595654.00	4173063.00	102.01	102.01	1.80
DISCCART	595354.00	4173083.00	100.42	100.42	1.80
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DISCCART	595394.00	4173083.00	100.88	100.88	1.80
DISCCART	595414.00	4173083.00	101.03	101.03	1.80
DISCCART	595434.00	4173083.00	101.05	101.05	1.80
DISCCART	595454.00	4173083.00	100.81	100.81	1.80
DISCCART	595474.00	4173083.00	100.59	100.59	1.80
DISCCART	595494.00	4173083.00	100.00	100.00	1.80
DISCCART	595514.00	4173083.00	100.10	101.15	1.80

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   DISCCART    595534.00   4173083.00  100.98  100.98    1.80
   DISCCART    595554.00   4173083.00  100.83  100.83    1.80
   DISCCART    595574.00   4173083.00  101.15  101.15    1.80
   DISCCART    595594.00   4173083.00  101.21  103.42    1.80
   DISCCART    595614.00   4173083.00  103.21  103.21    1.80
   DISCCART    595334.00   4173103.00  100.68  100.68    1.80
   DISCCART    595354.00   4173103.00  100.70  100.70    1.80
   DISCCART    595374.00   4173103.00  100.97  100.97    1.80
   DISCCART    595394.00   4173103.00  101.23  101.23    1.80
   DISCCART    595414.00   4173103.00  101.35  101.35    1.80
   DISCCART    595434.00   4173103.00  101.31  101.31    1.80
   DISCCART    595454.00   4173103.00  100.90  100.90    1.80
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   DISCCART    595494.00   4173103.00   99.96   99.96    1.80
   DISCCART    595514.00   4173103.00  101.04  101.04    1.80
   DISCCART    595534.00   4173103.00  100.93  100.93    1.80
   DISCCART    595334.00   4173123.00  101.04  101.04    1.80
   DISCCART    595354.00   4173123.00  101.14  101.14    1.80
   DISCCART    595374.00   4173123.00  101.35  101.35    1.80
   DISCCART    595394.00   4173123.00  101.55  101.55    1.80
   DISCCART    595414.00   4173123.00  101.55  101.55    1.80
   DISCCART    595434.00   4173123.00  101.41  101.41    1.80
   DISCCART    595454.00   4173123.00  100.91  100.91    1.80
   DISCCART    595474.00   4173123.00  100.19  100.19    1.80
   DISCCART    595494.00   4173123.00   99.99   99.99    1.80
   DISCCART    595514.00   4173123.00  101.16  101.16    1.80
   DISCCART    595354.00   4173143.00  101.45  101.45    1.80
   DISCCART    595374.00   4173143.00  101.56  101.56    1.80
   DISCCART    595394.00   4173143.00  101.52  101.52    1.80
   DISCCART    595414.00   4173143.00  100.68  101.67    1.80
   DISCCART    595434.00   4173143.00  100.68  100.68    1.80
   DISCCART    595494.00   4173143.00  101.03  101.03    1.80
   DISCCART    595354.00   4173163.00  101.34  101.34    1.80
   DISCCART    595374.00   4173163.00  101.54  101.54    1.80
   DISCCART    595394.00   4173163.00  101.61  101.61    1.80
   DISCCART    595414.00   4173163.00  101.03  101.61    1.80
   DISCCART    595434.00   4173163.00  101.09  101.09    1.80
   DISCCART    595374.00   4173183.00  101.54  101.54    1.80
   DISCCART    595394.00   4173183.00  101.69  101.69    1.80
   DISCCART    595414.00   4173183.00  101.66  101.66    1.80
   DISCCART    595434.00   4173183.00  101.62  101.62    1.80
** DESCRREC "DAYCARE" "LOVE AND CARE CHRISTIAN PRESHOOL"
   DISCCART    595203.12   4172931.43  100.67  100.67    0.50
** DESCRREC "GYM-CSP" "CLUBSPORT PLEASANTON"
   DISCCART    595305.29   4173022.49  100.77  100.77    1.80
** DESCRREC "P-SCHOOL" "SAKURA GAKUEN SCHOOL"
   DISCCART    596059.85   4172738.92   99.91   99.91    0.50
** DESCRREC "VVPARK" "VAL VISTA PARK (HOCKEY, SKATE, AND WATER)"
   DISCCART    595782.40   4171913.24   98.53   98.53    1.80
   DISCCART    595790.49   4171877.76   99.65   99.65    1.80
   DISCCART    595826.59   4171700.37  100.23  100.23    1.80
   DISCCART    595857.85   4171568.40  100.14  100.14    1.80
** DESCRREC "LFLGHT" "LIFELIGHT GYM"
   DISCCART    595427.66   4172811.08  100.71  100.71    1.80
** DESCRREC "CRSFIT" "CROSSFIT PLEASANTON"
   DISCCART    595616.96   4172890.78  100.40  100.40    1.80
** DESCRREC "VBALL" "NORCAL VOLLEYBALL"
   DISCCART    595465.61   4172972.42  100.46  100.46    1.80
** DESCRREC "TPCBBALL" "TPC BASEBALL"
   DISCCART    595413.93   4172953.11  100.29  100.29    1.80
** DESCRREC "ONSITE" "ONISTE WORKERS IN EDZ"
   DISCCART    595207.62   4172857.58  100.54  100.54    1.80
   DISCCART    595229.35   4172793.73  100.13  100.13    1.80
   DISCCART    595251.41   4172717.21  100.32  100.32    1.80
```

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   DISCCART    595276.16   4172654.64  100.20  100.20    1.80
** DESCRREC "RESVV" "RESIDENTS IN VAL VISTA NEIGHBORHOOOD/STONEDALE DR."
   DISCCART    595286.24   4171790.65  100.11  100.11    1.80
   DISCCART    595306.24   4171790.65  100.26  100.26    1.80
   DISCCART    595326.24   4171790.65  100.24  100.24    1.80
   DISCCART    595266.24   4171810.65  100.36  100.36    1.80
   DISCCART    595286.24   4171810.65  100.68  100.68    1.80
   DISCCART    595306.24   4171810.65   99.97   99.97    1.80
   DISCCART    595326.24   4171810.65  100.19  100.19    1.80
   DISCCART    595246.24   4171830.65  100.59  100.59    1.80
   DISCCART    595266.24   4171830.65  100.73  100.73    1.80
   DISCCART    595286.24   4171830.65  100.65  100.65    1.80
   DISCCART    595306.24   4171830.65  100.14  100.14    1.80
   DISCCART    595326.24   4171830.65  100.04  100.04    1.80
   DISCCART    595226.24   4171850.65  101.05  101.05    1.80
   DISCCART    595246.24   4171850.65  100.34  100.34    1.80
   DISCCART    595266.24   4171850.65  100.23  100.23    1.80
   DISCCART    595286.24   4171850.65  100.17  100.17    1.80
   DISCCART    595306.24   4171850.65  100.04  100.04    1.80
   DISCCART    595326.24   4171850.65   99.91   99.91    1.80
   DISCCART    595206.24   4171870.65  100.71  100.71    1.80
   DISCCART    595226.24   4171870.65  100.49  100.49    1.80
   DISCCART    595246.24   4171870.65  100.36  100.36    1.80
   DISCCART    595266.24   4171870.65  100.43  100.43    1.80
   DISCCART    595286.24   4171870.65  100.24  100.24    1.80
   DISCCART    595306.24   4171870.65  100.03  100.03    1.80
   DISCCART    595186.24   4171890.65  100.62  100.62    1.80
   DISCCART    595206.24   4171890.65  100.56  100.56    1.80
   DISCCART    595226.24   4171890.65  100.56  100.56    1.80
   DISCCART    595246.24   4171890.65  100.42  100.42    1.80
   DISCCART    595266.24   4171890.65  100.37  100.37    1.80
   DISCCART    595286.24   4171890.65  100.16  100.16    1.80
   DISCCART    595306.24   4171890.65   99.95   99.95    1.80
   DISCCART    595186.24   4171910.65  100.75  100.75    1.80
   DISCCART    595206.24   4171910.65  100.77  100.77    1.80
   DISCCART    595226.24   4171910.65  100.62  100.62    1.80
   DISCCART    595246.24   4171910.65  100.36  100.36    1.80
   DISCCART    595266.24   4171910.65  100.13  100.13    1.80
   DISCCART    595286.24   4171910.65  100.18  100.18    1.80
   DISCCART    595306.24   4171910.65   99.82   99.82    1.80
   DISCCART    595166.24   4171930.65  100.92  100.92    1.80
   DISCCART    595186.24   4171930.65  100.86  100.86    1.80
   DISCCART    595206.24   4171930.65  100.62  100.62    1.80
   DISCCART    595226.24   4171930.65  100.67  100.67    1.80
   DISCCART    595246.24   4171930.65  100.18  100.18    1.80
   DISCCART    595266.24   4171930.65  100.13  100.13    1.80
   DISCCART    595286.24   4171930.65  100.02  100.02    1.80
   DISCCART    595166.24   4171950.65  100.84  100.84    1.80
   DISCCART    595186.24   4171950.65  100.89  100.89    1.80
   DISCCART    595206.24   4171950.65  100.76  100.76    1.80
   DISCCART    595226.24   4171950.65  100.90  100.90    1.80
   DISCCART    595246.24   4171950.65  100.36  100.36    1.80
   DISCCART    595266.24   4171950.65  100.14  100.14    1.80
   DISCCART    595286.24   4171950.65   99.77  107.32    1.80
   DISCCART    595146.24   4171970.65  101.29  101.29    1.80
   DISCCART    595166.24   4171970.65  101.33  101.33    1.80
   DISCCART    595186.24   4171970.65  101.08  101.08    1.80
   DISCCART    595206.24   4171970.65  100.90  100.90    1.80
   DISCCART    595226.24   4171970.65  100.83  100.83    1.80
   DISCCART    595246.24   4171970.65  100.10  106.99    1.80
   DISCCART    595266.24   4171970.65   99.89  107.46    1.80
   DISCCART    595146.24   4171990.65  101.35  101.35    1.80
   DISCCART    595166.24   4171990.65  101.30  101.30    1.80
   DISCCART    595186.24   4171990.65  101.06  101.06    1.80
```

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   DISCCART    595206.24   4171990.65  100.90  100.90    1.80
** DESCRREC "RESSE" "RESIDENTS SOUTHEAST OF PROJECT"
   DISCCART    595852.66   4171825.33   99.74   99.74    1.80
   DISCCART    595852.66   4171845.33   99.78   99.78    1.80
   DISCCART    595852.66   4171865.33   99.69   99.69    1.80
   DISCCART    595872.66   4171865.33   99.79   99.79    1.80
   DISCCART    595892.66   4171865.33   99.86   99.86    1.80
   DISCCART    595832.66   4171885.33   99.37   99.37    1.80
   DISCCART    595852.66   4171885.33   99.45   99.45    1.80
   DISCCART    595872.66   4171885.33   99.52   99.52    1.80
   DISCCART    595892.66   4171885.33   99.54   99.54    1.80
   DISCCART    595832.66   4171905.33   99.29   99.29    1.80
   DISCCART    595852.66   4171905.33   99.02   99.02    1.80
   DISCCART    595872.66   4171905.33   98.96   98.96    1.80
   DISCCART    595892.66   4171905.33   99.22   99.22    1.80
   DISCCART    595912.66   4171905.33   99.73   99.73    1.80
   DISCCART    595832.66   4171925.33   99.44   99.44    1.80
   DISCCART    595852.66   4171925.33   99.31   99.31    1.80
   DISCCART    595872.66   4171925.33   99.35   99.35    1.80
   DISCCART    595892.66   4171925.33   99.25   99.25    1.80
   DISCCART    595912.66   4171925.33   99.22   99.22    1.80
   DISCCART    595852.66   4171945.33   98.82   99.52    1.80
   DISCCART    595872.66   4171945.33   99.23   99.23    1.80
   DISCCART    595892.66   4171945.33   99.54   99.54    1.80
   DISCCART    595912.66   4171945.33   99.69   99.69    1.80
   DISCCART    595932.66   4171945.33   99.72   99.72    1.80
** DESCRREC "RESSAC" "RESIDENTS IN STONERIDE APARTMENT COMMUNITY"
   DISCCART    595102.43   4172101.44  101.15  101.15    1.80
   DISCCART    595122.43   4172101.44  101.08  101.08    1.80
   DISCCART    595142.43   4172101.44  100.79  100.79    1.80
   DISCCART    595102.43   4172121.44  101.30  101.30    1.80
   DISCCART    595122.43   4172121.44  101.38  101.38    1.80
   DISCCART    595142.43   4172121.44  101.01  101.01    1.80
   DISCCART    595082.43   4172141.44  101.31  101.31    1.80
   DISCCART    595102.43   4172141.44  101.46  101.46    1.80
   DISCCART    595122.43   4172141.44  101.38  101.38    1.80
   DISCCART    595142.43   4172141.44  101.11  101.11    1.80
   DISCCART    595082.43   4172161.44  101.25  101.25    1.80
   DISCCART    595102.43   4172161.44  101.06  101.06    1.80
   DISCCART    595122.43   4172161.44  101.27  101.27    1.80
   DISCCART    595142.43   4172161.44  101.12  101.12    1.80
   DISCCART    595082.43   4172181.44  101.25  101.25    1.80
   DISCCART    595102.43   4172181.44  101.21  101.21    1.80
   DISCCART    595122.43   4172181.44  101.20  101.20    1.80
   DISCCART    595142.43   4172181.44  101.14  101.14    1.80
   DISCCART    595062.43   4172201.44  101.41  101.41    1.80
   DISCCART    595082.43   4172201.44  101.39  101.39    1.80
   DISCCART    595102.43   4172201.44  101.22  101.22    1.80
   DISCCART    595122.43   4172201.44  101.25  101.25    1.80
   DISCCART    595142.43   4172201.44  101.17  101.17    1.80
   DISCCART    595162.43   4172201.44  101.10  101.10    1.80
   DISCCART    595062.43   4172221.44  101.58  101.58    1.80
   DISCCART    595082.43   4172221.44  101.52  101.52    1.80
   DISCCART    595102.43   4172221.44  101.27  101.27    1.80
   DISCCART    595122.43   4172221.44  101.40  101.40    1.80
   DISCCART    595142.43   4172221.44  101.38  101.38    1.80
   DISCCART    595162.43   4172221.44  101.37  101.37    1.80
   DISCCART    595062.43   4172241.44  101.58  101.58    1.80
   DISCCART    595082.43   4172241.44  101.45  101.45    1.80
   DISCCART    595102.43   4172241.44  101.45  101.45    1.80
   DISCCART    595122.43   4172241.44  101.47  101.47    1.80
   DISCCART    595142.43   4172241.44  101.20  101.20    1.80
   DISCCART    595162.43   4172241.44  100.91  100.91    1.80
   DISCCART    595062.43   4172261.44  101.37  101.37    1.80
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   DISCCART    595082.43   4172261.44  101.09  101.09    1.80
   DISCCART    595102.43   4172261.44  101.67  101.67    1.80
   DISCCART    595122.43   4172261.44  101.62  101.62    1.80
   DISCCART    595142.43   4172261.44  101.14  101.14    1.80
   DISCCART    595042.43   4172281.44  101.57  101.57    1.80
   DISCCART    595062.43   4172281.44  101.39  101.39    1.80
   DISCCART    595082.43   4172281.44  101.16  101.16    1.80
   DISCCART    595102.43   4172281.44  101.95  101.95    1.80
   DISCCART    595122.43   4172281.44  101.19  101.19    1.80
   DISCCART    595142.43   4172281.44  101.14  101.14    1.80
   DISCCART    595162.43   4172281.44  101.26  101.26    1.80
   DISCCART    595042.43   4172301.44  101.66  101.66    1.80
   DISCCART    595062.43   4172301.44  101.40  101.40    1.80
   DISCCART    595082.43   4172301.44  101.54  101.54    1.80
   DISCCART    595102.43   4172301.44  101.89  101.89    1.80
   DISCCART    595122.43   4172301.44  101.51  101.51    1.80
   DISCCART    595142.43   4172301.44  101.33  101.33    1.80
   DISCCART    595162.43   4172301.44  101.23  101.23    1.80
   DISCCART    595042.43   4172321.44  101.52  101.52    1.80
   DISCCART    595062.43   4172321.44  101.28  101.28    1.80
   DISCCART    595082.43   4172321.44  102.38  102.38    1.80
   DISCCART    595102.43   4172321.44  101.98  101.98    1.80
   DISCCART    595122.43   4172321.44  101.80  101.80    1.80
   DISCCART    595142.43   4172321.44  101.36  101.36    1.80
   DISCCART    595162.43   4172321.44  101.33  101.33    1.80
   DISCCART    595022.43   4172341.44  101.77  101.77    1.80
   DISCCART    595042.43   4172341.44  101.48  101.48    1.80
   DISCCART    595062.43   4172341.44  101.33  101.33    1.80
   DISCCART    595082.43   4172341.44  101.46  101.46    1.80
   DISCCART    595102.43   4172341.44  101.69  101.69    1.80
   DISCCART    595122.43   4172341.44  101.89  101.89    1.80
   DISCCART    595142.43   4172341.44  101.43  101.43    1.80
   DISCCART    595162.43   4172341.44  101.34  101.34    1.80
** DESCRREC "ONSITE" "ONISTE WORKERS IN EDZ"
   DISCCART    595509.20   4172311.10  100.59  100.59    1.80
** DESCRREC "GYM-CSP" "CLUBSPORT PLEASANTON"
   DISCCART    595453.66   4172369.33  100.43  100.43    1.80
** DESCRREC "KUNGFU" "KUNGU DRAGON USA"
   DISCCART    595568.33   4173021.18  100.77  100.77    1.80
** DESCRREC "FEDEX" "RECEPTORS GENERATED FROM UNIFORM CARTESIAN GRID"
   DISCCART    595515.00   4172097.00  100.63  100.63    1.80
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "CARTESIAN PLANT BOUNDARY PRIMARY RECEPTORS"
   DISCCART    595271.59   4172931.11  100.47  100.47    1.80
   DISCCART    595259.54   4172956.67  100.53  100.53    1.80
   DISCCART    595229.53   4172979.48  100.99  100.99    1.80
   DISCCART    595158.78   4172948.61  100.21  100.21    1.80
   DISCCART    595424.36   4172061.47   97.49  105.13    1.80
   DISCCART    595637.78   4172033.56  100.72  100.72    1.80
   DISCCART    595497.98   4172569.45  100.51  100.51    1.80
   DISCCART    595440.32   4172695.89  100.43  100.43    1.80
   DISCCART    595531.70   4172736.24  100.51  100.51    1.80
   DISCCART    595503.43   4172797.49   99.90   99.90    1.80
   DISCCART    595293.61   4172706.67  100.17  100.17    1.80
   DISCCART    595216.89   4172907.31  100.39  100.39    1.80
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
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   SURFFILE "Livermore Met Data\724927.SFC"
   PROFFILE "Livermore Met Data\724927.PFL"
   SURFDATA 23285 2009
   UAIRDATA 23230 2009 OAKLAND/WSO_AP
   PROFBASE 119.8 METERS
ME FINISHED
**
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** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD CSCO-GEN JO.AD\PE00G001.PLT 31
   PLOTFILE PERIOD HOTL-GEN JO.AD\PE00G002.PLT 32
   PLOTFILE PERIOD DEL-EXH JO.AD\PE00G003.PLT 33
   PLOTFILE PERIOD CSCO-IDL JO.AD\PE00G004.PLT 34
   PLOTFILE PERIOD GSTRKIDL JO.AD\PE00G005.PLT 35
   PLOTFILE PERIOD FDX-EXH JO.AD\PE00G006.PLT 36
   PLOTFILE PERIOD FDX-IDLE JO.AD\PE00G007.PLT 37
   PLOTFILE PERIOD GAS-FUEL JO.AD\PE00G008.PLT 38
   PLOTFILE PERIOD GAS-VENT JO.AD\PE00G009.PLT 39
   PLOTFILE PERIOD GAS-SPIL JO.AD\PE00G010.PLT 40
   PLOTFILE PERIOD OTHR-EXH JO.AD\PE00G011.PLT 41
   PLOTFILE PERIOD OTHR-IDL JO.AD\PE00G012.PLT 42
   PLOTFILE PERIOD LD-EXH JO.AD\PE00G013.PLT 43
   PLOTFILE PERIOD CSCO-TRU JO.AD\PE00G014.PLT 44
   PLOTFILE PERIOD FDX-TRU JO.AD\PE00G015.PLT 45
   PLOTFILE PERIOD LD-IDLE JO.AD\PE00G016.PLT 46
   PLOTFILE PERIOD OTH-TRU JO.AD\PE00G017.PLT 47
   PLOTFILE PERIOD HOTL-EXH JO.AD\PE00G018.PLT 48
   PLOTFILE PERIOD HOTL-IDL JO.AD\PE00G019.PLT 49
   PLOTFILE PERIOD HOTL-TRU JO.AD\PE00G020.PLT 50
   SUMMFILE JO.sum
OU FINISHED
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** Project Parameters
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** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     10
** ZONEINX  0
**
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A.3 Air Dispersion Modeling (AERMOD) for PM2.5

A.3.1 Phase 1 Construction Model Input File – PM2.5 Exhaust

```
**
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 11/12/2018
** File: V:\AERMOD\C1\C1.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Phase 1 Annual PM2.5
   MODELOPT CONC FLAT ELEV ALPHA
   AVERTIME PERIOD
   URBANOPT 83007
   POLLUTID PM_2.5
   FLAGPOLE 1.80
   RUNORNOT RUN
   ERRORFIL C1.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PHASE1A      AREAPOLY   595482.721  4172715.515      100.580
** DESCRSRC PHASE1A
   LOCATION PHASE1B      AREAPOLY   595380.555  4172250.715       99.010
** DESCRSRC PHASE1B
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = P1AHAUL
** DESCRSRC P1A Haul Route
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.0000933
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 25
** 595205.803, 4172772.754, 99.52, 3.05, 6.23
** 595281.692, 4172518.834, 99.70, 3.05, 6.23
** 595339.477, 4172342.172, 99.21, 3.05, 6.23
** 595379.960, 4172230.641, 98.96, 3.05, 6.23
** 595409.117, 4172203.350, 99.18, 3.05, 6.23
** 595444.778, 4172184.544, 99.39, 3.05, 6.23
** 595484.185, 4172166.455, 99.74, 3.05, 6.23
** 595517.349, 4172156.231, 99.84, 3.05, 6.23
** 595536.524, 4172151.921, 99.88, 3.05, 6.23
** 595575.061, 4172146.865, 100.17, 3.05, 6.23
** 595615.314, 4172143.852, 100.68, 3.05, 6.23
** 595645.986, 4172140.755, 100.85, 3.05, 6.23
** 595667.851, 4172132.292, 100.80, 3.05, 6.23
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** 595676.917, 4172124.223, 100.73, 3.05, 6.23
** 595688.240, 4172102.425, 100.53, 3.05, 6.23
** 595689.641, 4172024.472, 100.41, 3.05, 6.23
** 595683.106, 4172015.136, 100.59, 3.05, 6.23
** 595544.003, 4172030.540, 101.24, 3.05, 6.23
** 595457.647, 4172045.477, 102.28, 3.05, 6.23
** 595410.035, 4172057.614, 94.32, 3.05, 6.23
** 595380.160, 4172077.219, 97.99, 3.05, 6.23
** 595352.620, 4172111.294, 101.15, 3.05, 6.23
** 595298.611, 4172249.635, 100.84, 3.05, 6.23
** 595248.982, 4172380.296, 101.14, 3.05, 6.23
** 595138.386, 4172719.278, 101.54, 3.05, 6.23
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   LOCATION L0004500     VOLUME   595207.721 4172766.334 99.52
   LOCATION L0004501     VOLUME   595211.558 4172753.495 99.53
   LOCATION L0004502     VOLUME   595215.396 4172740.656 99.54
   LOCATION L0004503     VOLUME   595219.233 4172727.818 99.55
   LOCATION L0004504     VOLUME   595223.070 4172714.979 99.56
   LOCATION L0004505     VOLUME   595226.907 4172702.140 99.57
   LOCATION L0004506     VOLUME   595230.744 4172689.301 99.58
   LOCATION L0004507     VOLUME   595234.581 4172676.462 99.59
   LOCATION L0004508     VOLUME   595238.419 4172663.623 99.60
   LOCATION L0004509     VOLUME   595242.256 4172650.784 99.61
   LOCATION L0004510     VOLUME   595246.093 4172637.946 99.62
   LOCATION L0004511     VOLUME   595249.930 4172625.107 99.62
   LOCATION L0004512     VOLUME   595253.767 4172612.268 99.63
   LOCATION L0004513     VOLUME   595257.604 4172599.429 99.64
   LOCATION L0004514     VOLUME   595261.442 4172586.590 99.65
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   LOCATION L0004518     VOLUME   595276.790 4172535.235 99.69
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   LOCATION L0004521     VOLUME   595288.868 4172496.895 99.64
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   LOCATION L0004545     VOLUME   595409.314 4172203.246 99.18
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   LOCATION L0004550     VOLUME   595469.231 4172173.319 99.61
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LOCATION L0004567	VOLUME	595682.147	4172114.155	100.64
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LOCATION L0004587	VOLUME	595518.908	4172034.881	101.54
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LOCATION L0004609	VOLUME	595314.817	4172208.125	100.93
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** LINE VOLUME Source ID = P1BHAUL
** DESCRSRC P1B Haul Route
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.0000256
** Vertical Dimension = 6.10
** SZINIT = 2.84
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   LOCATION L0004789     VOLUME   595181.468 4172587.231 101.38
   LOCATION L0004790     VOLUME   595177.312 4172599.970 101.40
   LOCATION L0004791     VOLUME   595173.155 4172612.709 101.41
   LOCATION L0004792     VOLUME   595168.999 4172625.448 101.43
   LOCATION L0004793     VOLUME   595164.843 4172638.187 101.44
   LOCATION L0004794     VOLUME   595160.687 4172650.926 101.46
   LOCATION L0004795     VOLUME   595156.530 4172663.665 101.47
   LOCATION L0004796     VOLUME   595152.374 4172676.405 101.49
   LOCATION L0004797     VOLUME   595148.218 4172689.144 101.50
   LOCATION L0004798     VOLUME   595144.062 4172701.883 101.52
   LOCATION L0004799     VOLUME   595139.905 4172714.622 101.53
** End of LINE VOLUME Source ID = P1BHAUL
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PHASE1B_IDLE
** DESCRSRC Phase 1B Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.0000111
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 3
** 595400.428, 4172219.630, 99.14, 3.05, 4.65
** 595499.866, 4172167.900, 99.74, 3.05, 4.65
** 595582.635, 4172153.530, 100.30, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0004825     VOLUME   595404.864 4172217.323 99.17
   LOCATION L0004826     VOLUME   595413.735 4172212.708 99.22
   LOCATION L0004827     VOLUME   595422.607 4172208.093 99.27
   LOCATION L0004828     VOLUME   595431.478 4172203.477 99.33
   LOCATION L0004829     VOLUME   595440.349 4172198.862 99.38
   LOCATION L0004830     VOLUME   595449.221 4172194.247 99.43
   LOCATION L0004831     VOLUME   595458.092 4172189.632 99.49
   LOCATION L0004832     VOLUME   595466.963 4172185.017 99.54
   LOCATION L0004833     VOLUME   595475.835 4172180.402 99.59
   LOCATION L0004834     VOLUME   595484.706 4172175.787 99.65
   LOCATION L0004835     VOLUME   595493.577 4172171.171 99.70
   LOCATION L0004836     VOLUME   595502.734 4172167.402 99.76
   LOCATION L0004837     VOLUME   595512.587 4172165.691 99.83
   LOCATION L0004838     VOLUME   595522.439 4172163.981 99.89
   LOCATION L0004839     VOLUME   595532.292 4172162.270 99.96
   LOCATION L0004840     VOLUME   595542.145 4172160.560 100.03
   LOCATION L0004841     VOLUME   595551.997 4172158.849 100.09
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   LOCATION L0004842     VOLUME   595561.850 4172157.139 100.16
   LOCATION L0004843     VOLUME   595571.702 4172155.428 100.23
   LOCATION L0004844     VOLUME   595581.555 4172153.718 100.29
** End of LINE VOLUME Source ID = PHASE1B_IDLE
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PHASE1A_IDLE
** DESCRSRC Phase 1A-Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.0000403
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595260.354, 4172612.326, 99.73, 3.05, 4.65
** 595338.137, 4172371.537, 99.39, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0004800     VOLUME   595261.891 4172607.568 99.72
   LOCATION L0004801     VOLUME   595264.965 4172598.052 99.71
   LOCATION L0004802     VOLUME   595268.039 4172588.536 99.70
   LOCATION L0004803     VOLUME   595271.112 4172579.020 99.68
   LOCATION L0004804     VOLUME   595274.186 4172569.504 99.67
   LOCATION L0004805     VOLUME   595277.260 4172559.989 99.66
   LOCATION L0004806     VOLUME   595280.334 4172550.473 99.64
   LOCATION L0004807     VOLUME   595283.408 4172540.957 99.63
   LOCATION L0004808     VOLUME   595286.482 4172531.441 99.62
   LOCATION L0004809     VOLUME   595289.556 4172521.925 99.60
   LOCATION L0004810     VOLUME   595292.630 4172512.409 99.59
   LOCATION L0004811     VOLUME   595295.704 4172502.894 99.58
   LOCATION L0004812     VOLUME   595298.778 4172493.378 99.56
   LOCATION L0004813     VOLUME   595301.852 4172483.862 99.55
   LOCATION L0004814     VOLUME   595304.926 4172474.346 99.54
   LOCATION L0004815     VOLUME   595308.000 4172464.830 99.52
   LOCATION L0004816     VOLUME   595311.074 4172455.314 99.51
   LOCATION L0004817     VOLUME   595314.148 4172445.799 99.49
   LOCATION L0004818     VOLUME   595317.221 4172436.283 99.48
   LOCATION L0004819     VOLUME   595320.295 4172426.767 99.47
   LOCATION L0004820     VOLUME   595323.369 4172417.251 99.45
   LOCATION L0004821     VOLUME   595326.443 4172407.735 99.44
   LOCATION L0004822     VOLUME   595329.517 4172398.219 99.43
   LOCATION L0004823     VOLUME   595332.591 4172388.704 99.41
   LOCATION L0004824     VOLUME   595335.665 4172379.188 99.40
** End of LINE VOLUME Source ID = PHASE1A_IDLE
** Source Parameters **
   SRCPARAM PHASE1A      4.6667E-07     5.000         9     1.400
   AREAVERT PHASE1A      595482.721 4172715.515 595456.027 4172775.648
   AREAVERT PHASE1A      595316.819 4172712.803 595342.289 4172652.803
   AREAVERT PHASE1A      595259.736 4172621.477 595344.458 4172359.740
   AREAVERT PHASE1A      595535.447 4172424.275 595497.098 4172569.116
   AREAVERT PHASE1A      595439.885 4172696.170
   SRCPARAM PHASE1B      5.6047E-07     5.000         8     1.400
   AREAVERT PHASE1B      595380.555 4172250.715 595564.280 4172311.168
   AREAVERT PHASE1B      595605.519 4172153.963 595549.482 4172158.253
   AREAVERT PHASE1B      595509.533 4172165.760 595435.264 4172198.739
   AREAVERT PHASE1B      595402.554 4172218.579 595384.858 4172239.493
** LINE VOLUME Source ID = P1AHAUL
   SRCPARAM L0004500     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004501     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004502     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004503     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004504     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004505     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004506     0.000000622      3.05      6.23      2.84
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SRCPARAM L0004507     0.000000622      3.05      6.23      2.84
SRCPARAM L0004508     0.000000622      3.05      6.23      2.84
SRCPARAM L0004509     0.000000622      3.05      6.23      2.84
SRCPARAM L0004510     0.000000622      3.05      6.23      2.84
SRCPARAM L0004511     0.000000622      3.05      6.23      2.84
SRCPARAM L0004512     0.000000622      3.05      6.23      2.84
SRCPARAM L0004513     0.000000622      3.05      6.23      2.84
SRCPARAM L0004514     0.000000622      3.05      6.23      2.84
SRCPARAM L0004515     0.000000622      3.05      6.23      2.84
SRCPARAM L0004516     0.000000622      3.05      6.23      2.84
SRCPARAM L0004517     0.000000622      3.05      6.23      2.84
SRCPARAM L0004518     0.000000622      3.05      6.23      2.84
SRCPARAM L0004519     0.000000622      3.05      6.23      2.84
SRCPARAM L0004520     0.000000622      3.05      6.23      2.84
SRCPARAM L0004521     0.000000622      3.05      6.23      2.84
SRCPARAM L0004522     0.000000622      3.05      6.23      2.84
SRCPARAM L0004523     0.000000622      3.05      6.23      2.84
SRCPARAM L0004524     0.000000622      3.05      6.23      2.84
SRCPARAM L0004525     0.000000622      3.05      6.23      2.84
SRCPARAM L0004526     0.000000622      3.05      6.23      2.84
SRCPARAM L0004527     0.000000622      3.05      6.23      2.84
SRCPARAM L0004528     0.000000622      3.05      6.23      2.84
SRCPARAM L0004529     0.000000622      3.05      6.23      2.84
SRCPARAM L0004530     0.000000622      3.05      6.23      2.84
SRCPARAM L0004531     0.000000622      3.05      6.23      2.84
SRCPARAM L0004532     0.000000622      3.05      6.23      2.84
SRCPARAM L0004533     0.000000622      3.05      6.23      2.84
SRCPARAM L0004534     0.000000622      3.05      6.23      2.84
SRCPARAM L0004535     0.000000622      3.05      6.23      2.84
SRCPARAM L0004536     0.000000622      3.05      6.23      2.84
SRCPARAM L0004537     0.000000622      3.05      6.23      2.84
SRCPARAM L0004538     0.000000622      3.05      6.23      2.84
SRCPARAM L0004539     0.000000622      3.05      6.23      2.84
SRCPARAM L0004540     0.000000622      3.05      6.23      2.84
SRCPARAM L0004541     0.000000622      3.05      6.23      2.84
SRCPARAM L0004542     0.000000622      3.05      6.23      2.84
SRCPARAM L0004543     0.000000622      3.05      6.23      2.84
SRCPARAM L0004544     0.000000622      3.05      6.23      2.84
SRCPARAM L0004545     0.000000622      3.05      6.23      2.84
SRCPARAM L0004546     0.000000622      3.05      6.23      2.84
SRCPARAM L0004547     0.000000622      3.05      6.23      2.84
SRCPARAM L0004548     0.000000622      3.05      6.23      2.84
SRCPARAM L0004549     0.000000622      3.05      6.23      2.84
SRCPARAM L0004550     0.000000622      3.05      6.23      2.84
SRCPARAM L0004551     0.000000622      3.05      6.23      2.84
SRCPARAM L0004552     0.000000622      3.05      6.23      2.84
SRCPARAM L0004553     0.000000622      3.05      6.23      2.84
SRCPARAM L0004554     0.000000622      3.05      6.23      2.84
SRCPARAM L0004555     0.000000622      3.05      6.23      2.84
SRCPARAM L0004556     0.000000622      3.05      6.23      2.84
SRCPARAM L0004557     0.000000622      3.05      6.23      2.84
SRCPARAM L0004558     0.000000622      3.05      6.23      2.84
SRCPARAM L0004559     0.000000622      3.05      6.23      2.84
SRCPARAM L0004560     0.000000622      3.05      6.23      2.84
SRCPARAM L0004561     0.000000622      3.05      6.23      2.84
SRCPARAM L0004562     0.000000622      3.05      6.23      2.84
SRCPARAM L0004563     0.000000622      3.05      6.23      2.84
SRCPARAM L0004564     0.000000622      3.05      6.23      2.84
SRCPARAM L0004565     0.000000622      3.05      6.23      2.84
SRCPARAM L0004566     0.000000622      3.05      6.23      2.84
SRCPARAM L0004567     0.000000622      3.05      6.23      2.84
SRCPARAM L0004568     0.000000622      3.05      6.23      2.84
SRCPARAM L0004569     0.000000622      3.05      6.23      2.84
SRCPARAM L0004570     0.000000622      3.05      6.23      2.84
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SRCPARAM L0004571     0.000000622      3.05      6.23      2.84
SRCPARAM L0004572     0.000000622      3.05      6.23      2.84
SRCPARAM L0004573     0.000000622      3.05      6.23      2.84
SRCPARAM L0004574     0.000000622      3.05      6.23      2.84
SRCPARAM L0004575     0.000000622      3.05      6.23      2.84
SRCPARAM L0004576     0.000000622      3.05      6.23      2.84
SRCPARAM L0004577     0.000000622      3.05      6.23      2.84
SRCPARAM L0004578     0.000000622      3.05      6.23      2.84
SRCPARAM L0004579     0.000000622      3.05      6.23      2.84
SRCPARAM L0004580     0.000000622      3.05      6.23      2.84
SRCPARAM L0004581     0.000000622      3.05      6.23      2.84
SRCPARAM L0004582     0.000000622      3.05      6.23      2.84
SRCPARAM L0004583     0.000000622      3.05      6.23      2.84
SRCPARAM L0004584     0.000000622      3.05      6.23      2.84
SRCPARAM L0004585     0.000000622      3.05      6.23      2.84
SRCPARAM L0004586     0.000000622      3.05      6.23      2.84
SRCPARAM L0004587     0.000000622      3.05      6.23      2.84
SRCPARAM L0004588     0.000000622      3.05      6.23      2.84
SRCPARAM L0004589     0.000000622      3.05      6.23      2.84
SRCPARAM L0004590     0.000000622      3.05      6.23      2.84
SRCPARAM L0004591     0.000000622      3.05      6.23      2.84
SRCPARAM L0004592     0.000000622      3.05      6.23      2.84
SRCPARAM L0004593     0.000000622      3.05      6.23      2.84
SRCPARAM L0004594     0.000000622      3.05      6.23      2.84
SRCPARAM L0004595     0.000000622      3.05      6.23      2.84
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SRCPARAM L0004598     0.000000622      3.05      6.23      2.84
SRCPARAM L0004599     0.000000622      3.05      6.23      2.84
SRCPARAM L0004600     0.000000622      3.05      6.23      2.84
SRCPARAM L0004601     0.000000622      3.05      6.23      2.84
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SRCPARAM L0004603     0.000000622      3.05      6.23      2.84
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SRCPARAM L0004609     0.000000622      3.05      6.23      2.84
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SRCPARAM L0004611     0.000000622      3.05      6.23      2.84
SRCPARAM L0004612     0.000000622      3.05      6.23      2.84
SRCPARAM L0004613     0.000000622      3.05      6.23      2.84
SRCPARAM L0004614     0.000000622      3.05      6.23      2.84
SRCPARAM L0004615     0.000000622      3.05      6.23      2.84
SRCPARAM L0004616     0.000000622      3.05      6.23      2.84
SRCPARAM L0004617     0.000000622      3.05      6.23      2.84
SRCPARAM L0004618     0.000000622      3.05      6.23      2.84
SRCPARAM L0004619     0.000000622      3.05      6.23      2.84
SRCPARAM L0004620     0.000000622      3.05      6.23      2.84
SRCPARAM L0004621     0.000000622      3.05      6.23      2.84
SRCPARAM L0004622     0.000000622      3.05      6.23      2.84
SRCPARAM L0004623     0.000000622      3.05      6.23      2.84
SRCPARAM L0004624     0.000000622      3.05      6.23      2.84
SRCPARAM L0004625     0.000000622      3.05      6.23      2.84
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SRCPARAM L0004627     0.000000622      3.05      6.23      2.84
SRCPARAM L0004628     0.000000622      3.05      6.23      2.84
SRCPARAM L0004629     0.000000622      3.05      6.23      2.84
SRCPARAM L0004630     0.000000622      3.05      6.23      2.84
SRCPARAM L0004631     0.000000622      3.05      6.23      2.84
SRCPARAM L0004632     0.000000622      3.05      6.23      2.84
SRCPARAM L0004633     0.000000622      3.05      6.23      2.84
SRCPARAM L0004634     0.000000622      3.05      6.23      2.84
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   SRCPARAM L0004635     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004636     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004637     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004638     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004639     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004640     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004641     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004642     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004643     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004644     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004645     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004646     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004647     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004648     0.000000622      3.05      6.23      2.84
   SRCPARAM L0004649     0.000000622      3.05      6.23      2.84
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** LINE VOLUME Source ID = P1BHAUL
   SRCPARAM L0004650     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004651     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004652     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004653     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004654     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004655     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004656     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004657     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004658     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004659     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004660     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004661     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004662     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004663     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004664     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004665     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004666     0.0000001707      3.05      6.23      2.84
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   SRCPARAM L0004668     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004669     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004670     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004671     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004672     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004673     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004674     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004675     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004676     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004677     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004678     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004679     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004680     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004681     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004682     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004683     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004684     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004685     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004686     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004687     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004688     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004689     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004690     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004691     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004692     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004693     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004694     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004695     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004696     0.0000001707      3.05      6.23      2.84
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SRCPARAM L0004697     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004698     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004699     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004700     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004701     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004702     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004703     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004704     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004705     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004706     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004707     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004708     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004709     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004710     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004711     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004712     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004713     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004714     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004715     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004716     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004717     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004718     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004719     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004720     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004721     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004722     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004723     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004724     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004725     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004726     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004727     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004728     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004729     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004730     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004731     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004732     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004733     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004734     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004735     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004736     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004737     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004738     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004739     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004740     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004741     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004742     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004743     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004744     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004745     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004746     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004747     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004748     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004749     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004750     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004751     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004752     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004753     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004754     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004755     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004756     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004757     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004758     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004759     0.0000001707      3.05      6.23      2.84
SRCPARAM L0004760     0.0000001707      3.05      6.23      2.84
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   SRCPARAM L0004761     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004762     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004763     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004764     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004765     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004766     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004767     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004768     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004769     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004770     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004771     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004772     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004773     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004774     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004775     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004776     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004777     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004778     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004779     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004780     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004781     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004782     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004783     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004784     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004785     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004786     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004787     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004788     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004789     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004790     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004791     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004792     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004793     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004794     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004795     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004796     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004797     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004798     0.0000001707      3.05      6.23      2.84
   SRCPARAM L0004799     0.0000001707      3.05      6.23      2.84
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = PHASE1B IDLE
   SRCPARAM L0004825     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004826     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004827     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004828     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004829     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004830     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004831     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004832     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004833     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004834     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004835     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004836     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004837     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004838     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004839     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004840     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004841     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004842     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004843     0.000000555       3.05      4.65      2.84
   SRCPARAM L0004844     0.000000555       3.05      4.65      2.84
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = PHASE1A_IDLE
   SRCPARAM L0004800     0.000001612       3.05      4.65      2.84
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   SRCPARAM L0004801     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004802     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004803     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004804     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004805     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004806     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004807     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004808     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004809     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004810     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004811     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004812     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004813     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004814     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004815     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004816     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004817     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004818     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004819     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004820     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004821     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004822     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004823     0.000001612      3.05      4.65      2.84
   SRCPARAM L0004824     0.000001612      3.05      4.65      2.84
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "6days"
** WeekDays:
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE1A      HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE1A      HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0004500     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004500     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004500     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004500     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004501     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004501     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004501     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004501     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004502     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004502     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004502     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004502     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004503     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004503     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004503     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004503     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004504     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004504     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004504     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0004504     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004505     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004505     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004505     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004505     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004506     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004506     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004506     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004506     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004507     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004507     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004507     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004507     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004508     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004508     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004508     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004508     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004509     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004509     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004509     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004509     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004510     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004510     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004510     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004510     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004511     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004511     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004511     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004511     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004512     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004512     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004512     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004512     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004513     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004513     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004513     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004513     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004514     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004514     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004514     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004514     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004515     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004515     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0004516     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004516     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004516     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004517     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004517     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004517     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0004518     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004518     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004518     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004519     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004519     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004519     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004519     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004520     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004520     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004520     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0004520     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004521     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004521     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004521     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004521     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004522     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004522     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004522     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004522     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004523     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004524     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004525     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004525     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0004526     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004527     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0004528     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004528     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004529     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004822     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004822     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004822     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004823     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004823     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004823     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004823     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004824     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004824     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004824     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004824     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0004800     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004800     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004800     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004800     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004801     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004801     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004801     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004801     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004802     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004802     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004802     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004802     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004803     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004803     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004803     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004803     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004804     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004804     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004804     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004804     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004805     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004805     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004805     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004805     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004806     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004806     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004806     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004806     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004807     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004807     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004807     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004807     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004808     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004808     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004808     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0004808     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004809     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004809     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004809     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004809     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004810     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004810     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004810     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004810     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004811     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004811     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004811     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004811     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004812     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004812     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004812     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004812     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004813     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004813     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004813     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004813     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004814     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004814     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004814     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004814     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004815     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004815     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004815     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004815     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004816     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004816     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004816     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004816     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004817     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004817     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004817     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004817     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004818     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004818     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004818     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004818     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004819     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004819     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004819     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004819     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004820     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004820     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004820     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004820     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004821     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004821     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004821     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004821     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004822     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004822     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004822     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004822     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004823     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004823     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004823     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004823     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004824     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004824     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004824     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0004824     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0004800     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004800     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004800     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004800     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004801     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004801     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004801     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004801     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004802     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004802     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004802     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004802     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004803     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004803     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004803     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004803     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004804     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004804     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004804     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004804     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004805     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004805     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004805     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004805     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004806     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004806     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004806     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004806     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004807     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004807     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004807     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004807     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004808     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004808     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004808     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004808     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004809     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004809     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004809     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004809     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004810     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004810     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004810     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004810     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004811     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004811     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004811     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004811     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004812     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004812     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004812     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004812     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004813     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004813     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004813     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004813     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004814     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004814     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004814     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004815     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004815     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004815     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004815     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004816     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004816     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004816     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004816     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004817     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004817     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004817     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004817     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004818     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004818     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004818     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004818     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004819     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004819     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004819     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004819     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004820     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004820     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004820     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004820     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004821     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004821     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004821     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004821     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004822     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004822     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004822     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004822     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004823     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004823     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004823     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004823     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004824     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004824     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004824     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004824     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "5days"
** WeekDays:
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE1B      HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0004650     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004650     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004650     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004650     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004651     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004651     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004651     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0004651     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004652     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004652     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004652     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004652     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004653     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004653     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004653     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004653     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004654     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004654     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004654     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004654     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004655     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004655     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004655     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004655     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004656     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004656     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004656     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004656     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004829     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004829     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004829     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004830     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004830     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004830     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004830     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004831     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004831     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004831     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004831     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004832     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004832     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004832     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004832     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004833     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004833     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004833     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004833     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004834     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004834     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004834     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004834     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004835     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004835     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004835     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004836     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004836     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004836     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004836     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004837     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004837     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004837     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004837     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004838     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004838     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004838     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004838     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004839     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004839     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004839     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004839     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004840     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004841     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004841     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004841     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004842     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004842     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004842     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004842     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004843     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004843     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004843     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004843     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004844     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004844     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004844     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004844     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT L0004825     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004825     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004825     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004826     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004826     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004826     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004827     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004827     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004828     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004828     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004828     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004828     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004829     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004829     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004829     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004832     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004832     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004832     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004835     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004835     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004837     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004837     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004837     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004837     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004841     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004841     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004842     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004842     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004842     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
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   EMISFACT L0004828     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004828     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004829     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004829     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004829     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004831     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004838     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004841     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004841     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004842     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004842     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004842     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004843     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004843     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004843     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004843     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004844     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004844     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004844     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004844     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   SRCGROUP Phase1B  PHASE1B
   SRCGROUP P1A_Idle L0004800 L0004801 L0004802 L0004803 L0004804 L0004805
   SRCGROUP P1A_Idle L0004806 L0004807 L0004808 L0004809 L0004810 L0004811
   SRCGROUP P1A_Idle L0004812 L0004813 L0004814 L0004815 L0004816 L0004817
   SRCGROUP P1A_Idle L0004818 L0004819 L0004820 L0004821 L0004822 L0004823
   SRCGROUP P1A_Idle L0004824
   SRCGROUP P1B_Idle L0004825 L0004826 L0004827 L0004828 L0004829 L0004830
   SRCGROUP P1B_Idle L0004831 L0004832 L0004833 L0004834 L0004835 L0004836
   SRCGROUP P1B_Idle L0004837 L0004838 L0004839 L0004840 L0004841 L0004842
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   SRCGROUP P1B_Idle L0004843 L0004844
   SRCGROUP P1A-Haul L0004500 L0004501 L0004502 L0004503 L0004504 L0004505
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   SRCGROUP P1A-Haul L0004512 L0004513 L0004514 L0004515 L0004516 L0004517
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   SRCGROUP P1A-Haul L0004530 L0004531 L0004532 L0004533 L0004534 L0004535
   SRCGROUP P1A-Haul L0004536 L0004537 L0004538 L0004539 L0004540 L0004541
   SRCGROUP P1A-Haul L0004542 L0004543 L0004544 L0004545 L0004546 L0004547
   SRCGROUP P1A-Haul L0004548 L0004549 L0004550 L0004551 L0004552 L0004553
   SRCGROUP P1A-Haul L0004554 L0004555 L0004556 L0004557 L0004558 L0004559
   SRCGROUP P1A-Haul L0004560 L0004561 L0004562 L0004563 L0004564 L0004565
   SRCGROUP P1A-Haul L0004566 L0004567 L0004568 L0004569 L0004570 L0004571
   SRCGROUP P1A-Haul L0004572 L0004573 L0004574 L0004575 L0004576 L0004577
   SRCGROUP P1A-Haul L0004578 L0004579 L0004580 L0004581 L0004582 L0004583
   SRCGROUP P1A-Haul L0004584 L0004585 L0004586 L0004587 L0004588 L0004589
   SRCGROUP P1A-Haul L0004590 L0004591 L0004592 L0004593 L0004594 L0004595
   SRCGROUP P1A-Haul L0004596 L0004597 L0004598 L0004599 L0004600 L0004601
   SRCGROUP P1A-Haul L0004602 L0004603 L0004604 L0004605 L0004606 L0004607
   SRCGROUP P1A-Haul L0004608 L0004609 L0004610 L0004611 L0004612 L0004613
   SRCGROUP P1A-Haul L0004614 L0004615 L0004616 L0004617 L0004618 L0004619
   SRCGROUP P1A-Haul L0004620 L0004621 L0004622 L0004623 L0004624 L0004625
   SRCGROUP P1A-Haul L0004626 L0004627 L0004628 L0004629 L0004630 L0004631
   SRCGROUP P1A-Haul L0004632 L0004633 L0004634 L0004635 L0004636 L0004637
   SRCGROUP P1A-Haul L0004638 L0004639 L0004640 L0004641 L0004642 L0004643
   SRCGROUP P1A-Haul L0004644 L0004645 L0004646 L0004647 L0004648 L0004649
   SRCGROUP P1B-Haul L0004650 L0004651 L0004652 L0004653 L0004654 L0004655
   SRCGROUP P1B-Haul L0004656 L0004657 L0004658 L0004659 L0004660 L0004661
   SRCGROUP P1B-Haul L0004662 L0004663 L0004664 L0004665 L0004666 L0004667
   SRCGROUP P1B-Haul L0004668 L0004669 L0004670 L0004671 L0004672 L0004673
   SRCGROUP P1B-Haul L0004674 L0004675 L0004676 L0004677 L0004678 L0004679
   SRCGROUP P1B-Haul L0004680 L0004681 L0004682 L0004683 L0004684 L0004685
   SRCGROUP P1B-Haul L0004686 L0004687 L0004688 L0004689 L0004690 L0004691
   SRCGROUP P1B-Haul L0004692 L0004693 L0004694 L0004695 L0004696 L0004697
   SRCGROUP P1B-Haul L0004698 L0004699 L0004700 L0004701 L0004702 L0004703
   SRCGROUP P1B-Haul L0004704 L0004705 L0004706 L0004707 L0004708 L0004709
   SRCGROUP P1B-Haul L0004710 L0004711 L0004712 L0004713 L0004714 L0004715
   SRCGROUP P1B-Haul L0004716 L0004717 L0004718 L0004719 L0004720 L0004721
   SRCGROUP P1B-Haul L0004722 L0004723 L0004724 L0004725 L0004726 L0004727
   SRCGROUP P1B-Haul L0004728 L0004729 L0004730 L0004731 L0004732 L0004733
   SRCGROUP P1B-Haul L0004734 L0004735 L0004736 L0004737 L0004738 L0004739
   SRCGROUP P1B-Haul L0004740 L0004741 L0004742 L0004743 L0004744 L0004745
   SRCGROUP P1B-Haul L0004746 L0004747 L0004748 L0004749 L0004750 L0004751
   SRCGROUP P1B-Haul L0004752 L0004753 L0004754 L0004755 L0004756 L0004757
   SRCGROUP P1B-Haul L0004758 L0004759 L0004760 L0004761 L0004762 L0004763
   SRCGROUP P1B-Haul L0004764 L0004765 L0004766 L0004767 L0004768 L0004769
   SRCGROUP P1B-Haul L0004770 L0004771 L0004772 L0004773 L0004774 L0004775
   SRCGROUP P1B-Haul L0004776 L0004777 L0004778 L0004779 L0004780 L0004781
   SRCGROUP P1B-Haul L0004782 L0004783 L0004784 L0004785 L0004786 L0004787
   SRCGROUP P1B-Haul L0004788 L0004789 L0004790 L0004791 L0004792 L0004793
   SRCGROUP P1B-Haul L0004794 L0004795 L0004796 L0004797 L0004798 L0004799
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
** DESCRREC "UCART1" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    595574.00   4171743.00   97.81  101.44    1.80
   DISCCART    595594.00   4171743.00   96.06  101.44    1.80
   DISCCART    595614.00   4171743.00   97.41  101.18    1.80
```

DISCCART	595634.00	4171743.00	99.77	101.06	1.80
DISCCART	595654.00	4171743.00	96.05	101.18	1.80
DISCCART	595674.00	4171743.00	95.92	101.14	1.80
DISCCART	595694.00	4171743.00	99.12	101.14	1.80
DISCCART	595534.00	4171763.00	99.54	101.43	1.80
DISCCART	595554.00	4171763.00	101.29	101.37	1.80
DISCCART	595574.00	4171763.00	96.99	101.52	1.80
DISCCART	595594.00	4171763.00	96.20	101.52	1.80
DISCCART	595614.00	4171763.00	98.89	101.23	1.80
DISCCART	595634.00	4171763.00	98.38	101.23	1.80
DISCCART	595654.00	4171763.00	96.28	101.23	1.80
DISCCART	595674.00	4171763.00	96.19	101.17	1.80
DISCCART	595694.00	4171763.00	100.58	100.58	1.80
DISCCART	595714.00	4171763.00	100.64	100.64	1.80
DISCCART	595734.00	4171763.00	98.51	101.14	1.80
DISCCART	595754.00	4171763.00	99.31	99.31	1.80
DISCCART	595534.00	4171783.00	101.02	101.47	1.80
DISCCART	595554.00	4171783.00	100.91	100.91	1.80
DISCCART	595574.00	4171783.00	100.49	100.49	1.80
DISCCART	595594.00	4171783.00	101.03	101.24	1.80
DISCCART	595614.00	4171783.00	101.08	101.08	1.80
DISCCART	595634.00	4171783.00	98.78	101.23	1.80
DISCCART	595654.00	4171783.00	96.81	101.23	1.80
DISCCART	595674.00	4171783.00	96.90	101.18	1.80
DISCCART	595694.00	4171783.00	101.09	101.09	1.80
DISCCART	595714.00	4171783.00	98.99	101.14	1.80
DISCCART	595734.00	4171783.00	99.01	99.01	1.80
DISCCART	595754.00	4171783.00	99.75	99.75	1.80
DISCCART	595774.00	4171783.00	99.74	99.74	1.80
DISCCART	595534.00	4171803.00	101.23	101.23	1.80
DISCCART	595554.00	4171803.00	101.24	101.45	1.80
DISCCART	595574.00	4171803.00	97.44	101.54	1.80
DISCCART	595594.00	4171803.00	97.57	101.30	1.80
DISCCART	595614.00	4171803.00	97.82	101.24	1.80
DISCCART	595634.00	4171803.00	98.75	101.23	1.80
DISCCART	595654.00	4171803.00	100.24	100.24	1.80
DISCCART	595674.00	4171803.00	100.72	101.14	1.80
DISCCART	595694.00	4171803.00	101.01	101.01	1.80
DISCCART	595714.00	4171803.00	97.43	101.18	1.80
DISCCART	595734.00	4171803.00	99.30	99.30	1.80
DISCCART	595754.00	4171803.00	100.29	100.29	1.80
DISCCART	595514.00	4171823.00	99.60	101.28	1.80
DISCCART	595534.00	4171823.00	101.26	101.26	1.80
DISCCART	595554.00	4171823.00	100.86	101.53	1.80
DISCCART	595574.00	4171823.00	95.57	101.66	1.80
DISCCART	595594.00	4171823.00	95.80	101.66	1.80
DISCCART	595614.00	4171823.00	97.30	101.66	1.80
DISCCART	595634.00	4171823.00	97.25	101.43	1.80
DISCCART	595654.00	4171823.00	97.40	101.18	1.80
DISCCART	595674.00	4171823.00	99.00	101.18	1.80
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DISCCART	595734.00	4171823.00	99.32	99.32	1.80
DISCCART	595754.00	4171823.00	99.75	99.75	1.80
DISCCART	595514.00	4171843.00	100.28	101.23	1.80
DISCCART	595534.00	4171843.00	101.27	101.27	1.80
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DISCCART	595634.00	4171843.00	97.40	101.66	1.80
DISCCART	595654.00	4171843.00	97.51	101.60	1.80
DISCCART	595674.00	4171843.00	100.34	100.89	1.80
DISCCART	595694.00	4171843.00	100.08	100.91	1.80

DISCCART	595714.00	4171843.00	98.47	100.91	1.80
DISCCART	595734.00	4171843.00	99.46	99.46	1.80
DISCCART	595754.00	4171843.00	99.53	99.53	1.80
DISCCART	595514.00	4171863.00	100.93	100.93	1.80
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DISCCART	595554.00	4171863.00	101.28	101.28	1.80
DISCCART	595574.00	4171863.00	101.38	101.38	1.80
DISCCART	595594.00	4171863.00	101.46	101.46	1.80
DISCCART	595614.00	4171863.00	101.55	101.55	1.80
DISCCART	595634.00	4171863.00	100.20	101.60	1.80
DISCCART	595654.00	4171863.00	97.64	101.68	1.80
DISCCART	595674.00	4171863.00	100.92	100.92	1.80
DISCCART	595694.00	4171863.00	99.01	101.10	1.80
DISCCART	595714.00	4171863.00	99.23	100.86	1.80
DISCCART	595734.00	4171863.00	99.62	100.86	1.80
DISCCART	595754.00	4171863.00	99.50	99.50	1.80
DISCCART	595774.00	4171863.00	99.38	99.38	1.80
DISCCART	595794.00	4171863.00	99.11	99.73	1.80
DISCCART	595814.00	4171863.00	99.19	99.72	1.80
DISCCART	595514.00	4171883.00	100.60	100.60	1.80
DISCCART	595534.00	4171883.00	100.66	100.66	1.80
DISCCART	595554.00	4171883.00	101.08	101.08	1.80
DISCCART	595574.00	4171883.00	101.55	101.55	1.80
DISCCART	595594.00	4171883.00	101.55	101.55	1.80
DISCCART	595614.00	4171883.00	101.64	101.64	1.80
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DISCCART	595674.00	4171883.00	100.97	100.97	1.80
DISCCART	595694.00	4171883.00	99.19	100.88	1.80
DISCCART	595714.00	4171883.00	98.97	100.86	1.80
DISCCART	595734.00	4171883.00	99.35	99.35	1.80
DISCCART	595754.00	4171883.00	99.53	99.53	1.80
DISCCART	595774.00	4171883.00	99.40	99.40	1.80
DISCCART	595794.00	4171883.00	99.66	99.66	1.80
DISCCART	595814.00	4171883.00	99.07	99.07	1.80
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DISCCART	595554.00	4171903.00	101.30	101.30	1.80
DISCCART	595574.00	4171903.00	100.94	100.94	1.80
DISCCART	595594.00	4171903.00	101.02	101.02	1.80
DISCCART	595614.00	4171903.00	101.05	101.05	1.80
DISCCART	595634.00	4171903.00	101.56	101.56	1.80
DISCCART	595654.00	4171903.00	100.97	100.97	1.80
DISCCART	595674.00	4171903.00	100.79	100.79	1.80
DISCCART	595694.00	4171903.00	100.26	100.26	1.80
DISCCART	595714.00	4171903.00	97.48	100.71	1.80
DISCCART	595734.00	4171903.00	99.33	99.33	1.80
DISCCART	595754.00	4171903.00	98.86	99.66	1.80
DISCCART	595774.00	4171903.00	98.61	98.61	1.80
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DISCCART	595814.00	4171903.00	98.89	98.89	1.80
DISCCART	595534.00	4171923.00	101.21	101.21	1.80
DISCCART	595554.00	4171923.00	101.31	101.31	1.80
DISCCART	595574.00	4171923.00	101.25	101.25	1.80
DISCCART	595594.00	4171923.00	101.13	101.13	1.80
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DISCCART	595634.00	4171923.00	100.89	100.89	1.80
DISCCART	595654.00	4171923.00	100.97	100.97	1.80
DISCCART	595674.00	4171923.00	100.68	100.68	1.80
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DISCCART	595774.00	4171923.00	98.36	98.36	1.80
DISCCART	595794.00	4171923.00	98.59	98.59	1.80
DISCCART	595814.00	4171923.00	98.67	98.67	1.80

DISCCART	595534.00	4171943.00	100.87	100.87	1.80
DISCCART	595554.00	4171943.00	101.23	101.23	1.80
DISCCART	595574.00	4171943.00	101.20	101.20	1.80
DISCCART	595594.00	4171943.00	101.19	101.19	1.80
DISCCART	595614.00	4171943.00	101.09	101.09	1.80
DISCCART	595634.00	4171943.00	100.97	100.97	1.80
DISCCART	595654.00	4171943.00	100.92	100.92	1.80
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DISCCART	595694.00	4171943.00	100.51	100.51	1.80
DISCCART	595554.00	4171963.00	100.97	100.97	1.80
DISCCART	595574.00	4171963.00	101.11	101.11	1.80
DISCCART	595594.00	4171963.00	101.05	101.05	1.80
DISCCART	595614.00	4171963.00	101.02	101.02	1.80
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DISCCART	595674.00	4171963.00	100.84	100.84	1.80
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DISCCART	595074.00	4172423.00	101.37	101.37	1.80
DISCCART	595094.00	4172423.00	101.32	101.32	1.80
DISCCART	595074.00	4172443.00	101.51	101.51	1.80
DISCCART	595094.00	4172443.00	101.39	101.39	1.80
DISCCART	595114.00	4172443.00	101.38	101.38	1.80
DISCCART	595134.00	4172443.00	101.30	101.30	1.80
DISCCART	595054.00	4172463.00	101.45	101.45	1.80
DISCCART	595074.00	4172463.00	101.44	101.44	1.80
DISCCART	595094.00	4172463.00	101.45	101.45	1.80
DISCCART	595114.00	4172463.00	101.44	101.44	1.80
DISCCART	595054.00	4172483.00	102.88	103.72	1.80
DISCCART	595074.00	4172483.00	101.50	103.72	1.80
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DISCCART	595114.00	4172483.00	101.42	101.42	1.80
DISCCART	595034.00	4172503.00	101.51	101.51	1.80
DISCCART	595054.00	4172503.00	101.99	103.72	1.80
DISCCART	595074.00	4172503.00	101.81	101.81	1.80
DISCCART	595094.00	4172503.00	101.61	101.61	1.80
DISCCART	595114.00	4172503.00	101.25	101.25	1.80
DISCCART	595034.00	4172523.00	101.52	101.52	1.80
DISCCART	595054.00	4172523.00	101.41	101.41	1.80
DISCCART	595074.00	4172523.00	101.32	101.32	1.80
DISCCART	595094.00	4172523.00	101.69	101.69	1.80
DISCCART	595034.00	4172543.00	101.56	101.56	1.80
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DISCCART	595094.00	4172543.00	101.27	101.27	1.80
DISCCART	595014.00	4172563.00	101.40	101.40	1.80
DISCCART	595034.00	4172563.00	101.46	101.46	1.80
DISCCART	595054.00	4172563.00	101.48	101.48	1.80
DISCCART	595074.00	4172563.00	101.58	101.58	1.80
DISCCART	595094.00	4172563.00	101.36	101.36	1.80
DISCCART	595014.00	4172583.00	101.37	101.37	1.80
DISCCART	595034.00	4172583.00	101.56	101.56	1.80
DISCCART	595054.00	4172583.00	101.50	101.50	1.80
DISCCART	595074.00	4172583.00	101.60	101.60	1.80
DISCCART	595034.00	4172603.00	101.28	101.28	1.80
DISCCART	595054.00	4172603.00	101.45	101.45	1.80
DISCCART	595074.00	4172603.00	101.45	101.45	1.80
DISCCART	595534.00	4172643.00	100.66	100.66	1.80
DISCCART	595554.00	4172643.00	100.68	100.68	1.80
DISCCART	595574.00	4172643.00	100.98	100.98	1.80
DISCCART	595534.00	4172663.00	100.70	100.70	1.80
DISCCART	595554.00	4172663.00	100.77	100.77	1.80
DISCCART	595574.00	4172663.00	100.96	100.96	1.80
DISCCART	595534.00	4172683.00	100.64	100.64	1.80
DISCCART	595554.00	4172683.00	100.72	100.72	1.80

DISCCART	595574.00	4172683.00	100.77	100.77	1.80
DISCCART	595294.00	4172743.00	99.98	99.98	1.80
DISCCART	595314.00	4172743.00	100.38	100.38	1.80
DISCCART	595334.00	4172743.00	100.45	100.45	1.80
DISCCART	595534.00	4172743.00	100.34	100.34	1.80
DISCCART	595294.00	4172763.00	99.71	99.71	1.80
DISCCART	595314.00	4172763.00	100.29	100.29	1.80
DISCCART	595334.00	4172763.00	100.28	100.28	1.80
DISCCART	595354.00	4172763.00	99.74	99.74	1.80
DISCCART	595374.00	4172763.00	100.40	100.40	1.80
DISCCART	595534.00	4172763.00	100.36	100.36	1.80
DISCCART	595554.00	4172763.00	100.48	100.48	1.80
DISCCART	595574.00	4172763.00	100.45	100.45	1.80
DISCCART	594934.00	4172783.00	101.40	101.40	1.80
DISCCART	594954.00	4172783.00	102.11	102.11	1.80
DISCCART	594974.00	4172783.00	102.15	102.15	1.80
DISCCART	595274.00	4172783.00	99.65	99.65	1.80
DISCCART	595354.00	4172783.00	100.44	100.44	1.80
DISCCART	595374.00	4172783.00	100.72	100.72	1.80
DISCCART	595394.00	4172783.00	100.71	100.71	1.80
DISCCART	595414.00	4172783.00	100.60	100.60	1.80
DISCCART	595434.00	4172783.00	100.41	100.41	1.80
DISCCART	595514.00	4172783.00	100.26	100.26	1.80
DISCCART	595534.00	4172783.00	100.31	100.31	1.80
DISCCART	595554.00	4172783.00	100.43	100.43	1.80
DISCCART	595574.00	4172783.00	100.28	100.28	1.80
DISCCART	595594.00	4172783.00	100.51	100.51	1.80
DISCCART	595614.00	4172783.00	100.48	100.48	1.80
DISCCART	595634.00	4172783.00	100.67	100.67	1.80
DISCCART	594894.00	4172803.00	102.16	102.16	1.80
DISCCART	594914.00	4172803.00	102.17	102.17	1.80
DISCCART	594934.00	4172803.00	101.92	101.92	1.80
DISCCART	594954.00	4172803.00	102.04	102.04	1.80
DISCCART	594974.00	4172803.00	101.95	101.95	1.80
DISCCART	595274.00	4172803.00	100.01	100.01	1.80
DISCCART	595294.00	4172803.00	100.30	100.30	1.80
DISCCART	595314.00	4172803.00	100.11	100.11	1.80
DISCCART	595354.00	4172803.00	100.25	100.25	1.80
DISCCART	595374.00	4172803.00	100.60	100.60	1.80
DISCCART	595394.00	4172803.00	100.74	100.74	1.80
DISCCART	595414.00	4172803.00	100.67	100.67	1.80
DISCCART	595434.00	4172803.00	100.70	100.70	1.80
DISCCART	595454.00	4172803.00	100.69	100.69	1.80
DISCCART	595474.00	4172803.00	100.41	100.41	1.80
DISCCART	595534.00	4172803.00	100.13	100.13	1.80
DISCCART	595554.00	4172803.00	100.34	100.34	1.80
DISCCART	595574.00	4172803.00	100.23	100.23	1.80
DISCCART	595594.00	4172803.00	100.53	100.53	1.80
DISCCART	595614.00	4172803.00	100.44	100.44	1.80
DISCCART	595634.00	4172803.00	100.46	100.46	1.80
DISCCART	595654.00	4172803.00	100.59	100.59	1.80
DISCCART	595674.00	4172803.00	100.79	100.79	1.80
DISCCART	594874.00	4172823.00	102.62	102.62	1.80
DISCCART	594894.00	4172823.00	102.35	102.35	1.80
DISCCART	594914.00	4172823.00	102.14	102.14	1.80
DISCCART	594934.00	4172823.00	102.01	102.01	1.80
DISCCART	594954.00	4172823.00	102.05	102.05	1.80
DISCCART	595254.00	4172823.00	100.08	100.08	1.80
DISCCART	595274.00	4172823.00	100.22	100.22	1.80
DISCCART	595294.00	4172823.00	100.30	100.30	1.80
DISCCART	595334.00	4172823.00	100.00	100.00	1.80
DISCCART	595354.00	4172823.00	100.37	100.37	1.80
DISCCART	595374.00	4172823.00	100.34	100.34	1.80
DISCCART	595394.00	4172823.00	100.54	100.54	1.80

DISCCART	595414.00	4172823.00	100.72	100.72	1.80
DISCCART	595434.00	4172823.00	100.70	100.70	1.80
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DISCCART	594874.00	4172843.00	102.26	102.26	1.80
DISCCART	594894.00	4172843.00	102.58	102.58	1.80
DISCCART	594914.00	4172843.00	102.24	102.24	1.80
DISCCART	594934.00	4172843.00	102.03	102.03	1.80
DISCCART	594954.00	4172843.00	102.09	102.09	1.80
DISCCART	595254.00	4172843.00	100.26	100.26	1.80
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DISCCART	595294.00	4172843.00	100.10	100.10	1.80
DISCCART	595334.00	4172843.00	100.21	100.21	1.80
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DISCCART	595494.00	4172843.00	100.63	100.63	1.80
DISCCART	595514.00	4172843.00	100.50	100.50	1.80
DISCCART	595534.00	4172843.00	100.56	100.56	1.80
DISCCART	595554.00	4172843.00	100.48	100.48	1.80
DISCCART	595574.00	4172843.00	100.20	100.20	1.80
DISCCART	595634.00	4172843.00	100.47	100.47	1.80
DISCCART	595654.00	4172843.00	100.55	100.55	1.80
DISCCART	595674.00	4172843.00	100.74	103.38	1.80
DISCCART	594854.00	4172863.00	102.28	102.28	1.80
DISCCART	594874.00	4172863.00	102.02	102.02	1.80
DISCCART	594894.00	4172863.00	102.50	102.50	1.80
DISCCART	594914.00	4172863.00	102.54	102.54	1.80
DISCCART	594934.00	4172863.00	102.11	102.11	1.80
DISCCART	595234.00	4172863.00	100.45	100.45	1.80
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DISCCART	595354.00	4172863.00	100.36	100.36	1.80
DISCCART	595374.00	4172863.00	100.26	100.26	1.80
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DISCCART	595534.00	4172863.00	100.66	100.66	1.80
DISCCART	595554.00	4172863.00	100.59	100.59	1.80
DISCCART	595574.00	4172863.00	100.11	100.11	1.80
DISCCART	595594.00	4172863.00	99.98	99.98	1.80
DISCCART	595614.00	4172863.00	99.80	99.80	1.80
DISCCART	594854.00	4172883.00	102.58	102.58	1.80
DISCCART	594874.00	4172883.00	102.60	102.60	1.80

DISCCART	594894.00	4172883.00	102.69	102.69	1.80
DISCCART	594914.00	4172883.00	102.66	102.66	1.80
DISCCART	595234.00	4172883.00	100.47	100.47	1.80
DISCCART	595254.00	4172883.00	100.54	100.54	1.80
DISCCART	595274.00	4172883.00	100.54	100.54	1.80
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DISCCART	595314.00	4172883.00	100.36	100.36	1.80
DISCCART	595334.00	4172883.00	100.08	100.08	1.80
DISCCART	595374.00	4172883.00	99.88	99.88	1.80
DISCCART	595394.00	4172883.00	100.28	100.28	1.80
DISCCART	595414.00	4172883.00	100.34	100.34	1.80
DISCCART	595434.00	4172883.00	100.04	100.04	1.80
DISCCART	595454.00	4172883.00	100.23	100.23	1.80
DISCCART	595474.00	4172883.00	100.21	100.21	1.80
DISCCART	595494.00	4172883.00	100.31	100.31	1.80
DISCCART	595514.00	4172883.00	100.17	100.17	1.80
DISCCART	595534.00	4172883.00	100.31	100.31	1.80
DISCCART	595554.00	4172883.00	100.20	100.20	1.80
DISCCART	595574.00	4172883.00	99.94	99.94	1.80
DISCCART	595594.00	4172883.00	100.18	100.18	1.80
DISCCART	595614.00	4172883.00	100.32	100.32	1.80
DISCCART	595634.00	4172883.00	100.41	100.41	1.80
DISCCART	595654.00	4172883.00	100.41	103.37	1.80
DISCCART	594854.00	4172903.00	102.65	102.65	1.80
DISCCART	594874.00	4172903.00	102.65	102.65	1.80
DISCCART	594894.00	4172903.00	102.74	102.74	1.80
DISCCART	594914.00	4172903.00	102.69	102.69	1.80
DISCCART	595234.00	4172903.00	100.47	100.47	1.80
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DISCCART	595334.00	4172903.00	100.21	100.21	1.80
DISCCART	595354.00	4172903.00	100.39	100.39	1.80
DISCCART	595374.00	4172903.00	100.21	100.21	1.80
DISCCART	595414.00	4172903.00	99.79	99.79	1.80
DISCCART	595434.00	4172903.00	99.89	99.89	1.80
DISCCART	595454.00	4172903.00	100.08	100.08	1.80
DISCCART	595474.00	4172903.00	100.22	100.22	1.80
DISCCART	595494.00	4172903.00	100.21	100.21	1.80
DISCCART	595514.00	4172903.00	100.31	100.31	1.80
DISCCART	595534.00	4172903.00	100.36	100.36	1.80
DISCCART	595554.00	4172903.00	100.06	100.06	1.80
DISCCART	595574.00	4172903.00	99.89	99.89	1.80
DISCCART	595594.00	4172903.00	100.29	100.29	1.80
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DISCCART	595314.00	4172923.00	100.49	100.49	1.80
DISCCART	595334.00	4172923.00	100.20	100.20	1.80
DISCCART	595354.00	4172923.00	100.48	100.48	1.80
DISCCART	595374.00	4172923.00	100.49	100.49	1.80
DISCCART	595394.00	4172923.00	100.39	100.39	1.80
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DISCCART	595474.00	4172923.00	99.91	99.91	1.80
DISCCART	595494.00	4172923.00	100.23	100.23	1.80
DISCCART	595514.00	4172923.00	100.34	100.34	1.80
DISCCART	595534.00	4172923.00	100.43	100.43	1.80

DISCCART	595554.00	4172923.00	100.04	100.04	1.80
DISCCART	595574.00	4172923.00	100.11	100.11	1.80
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DISCCART	595314.00	4172943.00	100.39	100.39	1.80
DISCCART	595334.00	4172943.00	100.45	100.45	1.80
DISCCART	595354.00	4172943.00	100.45	100.45	1.80
DISCCART	595374.00	4172943.00	100.46	100.46	1.80
DISCCART	595394.00	4172943.00	100.23	100.23	1.80
DISCCART	595414.00	4172943.00	100.25	100.25	1.80
DISCCART	595434.00	4172943.00	100.18	100.18	1.80
DISCCART	595454.00	4172943.00	100.13	100.13	1.80
DISCCART	595514.00	4172943.00	100.03	100.03	1.80
DISCCART	595534.00	4172943.00	100.11	100.11	1.80
DISCCART	595554.00	4172943.00	100.06	100.06	1.80
DISCCART	595574.00	4172943.00	100.35	100.35	1.80
DISCCART	595594.00	4172943.00	100.30	100.30	1.80
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DISCCART	595414.00	4172963.00	100.34	100.34	1.80
DISCCART	595434.00	4172963.00	100.25	100.25	1.80
DISCCART	595454.00	4172963.00	100.28	100.28	1.80
DISCCART	595474.00	4172963.00	100.51	100.51	1.80
DISCCART	595494.00	4172963.00	100.29	100.29	1.80
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DISCCART	595554.00	4172963.00	100.17	100.17	1.80
DISCCART	595574.00	4172963.00	100.25	100.25	1.80
DISCCART	595594.00	4172963.00	100.29	100.29	1.80
DISCCART	595614.00	4172963.00	100.18	103.44	1.80
DISCCART	595314.00	4172983.00	100.55	100.55	1.80
DISCCART	595334.00	4172983.00	100.31	100.31	1.80
DISCCART	595354.00	4172983.00	100.27	100.27	1.80
DISCCART	595374.00	4172983.00	100.28	100.28	1.80
DISCCART	595394.00	4172983.00	100.20	100.20	1.80
DISCCART	595414.00	4172983.00	100.26	100.26	1.80
DISCCART	595434.00	4172983.00	100.19	100.19	1.80
DISCCART	595454.00	4172983.00	100.19	100.19	1.80
DISCCART	595474.00	4172983.00	100.46	100.46	1.80
DISCCART	595494.00	4172983.00	100.32	100.32	1.80
DISCCART	595514.00	4172983.00	100.53	100.53	1.80
DISCCART	595534.00	4172983.00	100.46	100.46	1.80
DISCCART	595554.00	4172983.00	100.33	100.33	1.80
DISCCART	595574.00	4172983.00	100.62	100.62	1.80
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DISCCART	595314.00	4173003.00	100.23	100.23	1.80
DISCCART	595334.00	4173003.00	100.48	100.48	1.80
DISCCART	595354.00	4173003.00	100.39	100.39	1.80
DISCCART	595374.00	4173003.00	100.29	100.29	1.80
DISCCART	595394.00	4173003.00	100.31	100.31	1.80
DISCCART	595414.00	4173003.00	100.26	100.26	1.80
DISCCART	595434.00	4173003.00	100.22	100.22	1.80
DISCCART	595454.00	4173003.00	100.15	100.15	1.80
DISCCART	595474.00	4173003.00	100.35	100.35	1.80
DISCCART	595494.00	4173003.00	100.40	100.40	1.80
DISCCART	595514.00	4173003.00	100.52	100.52	1.80
DISCCART	595534.00	4173003.00	100.50	100.50	1.80
DISCCART	595554.00	4173003.00	100.45	100.45	1.80

DISCCART	595574.00	4173003.00	100.80	100.80	1.80
DISCCART	595594.00	4173003.00	100.73	100.73	1.80
DISCCART	595294.00	4173023.00	100.68	100.68	1.80
DISCCART	595314.00	4173023.00	100.70	100.70	1.80
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DISCCART	595394.00	4173023.00	100.27	100.27	1.80
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DISCCART	595454.00	4173023.00	100.45	100.45	1.80
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DISCCART	595494.00	4173023.00	100.41	100.41	1.80
DISCCART	595514.00	4173023.00	100.53	100.53	1.80
DISCCART	595534.00	4173023.00	100.53	100.53	1.80
DISCCART	595554.00	4173023.00	100.59	100.59	1.80
DISCCART	595574.00	4173023.00	100.77	100.77	1.80
DISCCART	595594.00	4173023.00	100.64	103.48	1.80
DISCCART	595294.00	4173043.00	100.56	100.56	1.80
DISCCART	595314.00	4173043.00	100.62	100.62	1.80
DISCCART	595334.00	4173043.00	100.43	100.43	1.80
DISCCART	595354.00	4173043.00	100.37	100.37	1.80
DISCCART	595374.00	4173043.00	100.31	100.31	1.80
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DISCCART	595454.00	4173043.00	100.60	100.60	1.80
DISCCART	595474.00	4173043.00	100.68	100.68	1.80
DISCCART	595494.00	4173043.00	100.53	100.53	1.80
DISCCART	595514.00	4173043.00	100.67	100.67	1.80
DISCCART	595534.00	4173043.00	100.82	100.82	1.80
DISCCART	595554.00	4173043.00	100.80	100.80	1.80
DISCCART	595574.00	4173043.00	100.76	100.76	1.80
DISCCART	595294.00	4173063.00	100.51	100.51	1.80
DISCCART	595314.00	4173063.00	100.50	100.50	1.80
DISCCART	595334.00	4173063.00	100.41	100.41	1.80
DISCCART	595354.00	4173063.00	100.35	100.35	1.80
DISCCART	595374.00	4173063.00	100.33	100.33	1.80
DISCCART	595394.00	4173063.00	100.53	100.53	1.80
DISCCART	595414.00	4173063.00	100.71	100.71	1.80
DISCCART	595434.00	4173063.00	100.79	100.79	1.80
DISCCART	595454.00	4173063.00	100.69	100.69	1.80
DISCCART	595474.00	4173063.00	100.66	100.66	1.80
DISCCART	595494.00	4173063.00	100.46	100.46	1.80
DISCCART	595514.00	4173063.00	100.62	100.62	1.80
DISCCART	595534.00	4173063.00	100.90	100.90	1.80
DISCCART	595554.00	4173063.00	100.86	100.86	1.80
DISCCART	595574.00	4173063.00	101.05	101.05	1.80
DISCCART	595354.00	4173083.00	100.42	100.42	1.80
DISCCART	595374.00	4173083.00	100.64	100.64	1.80
DISCCART	595394.00	4173083.00	100.88	100.88	1.80
DISCCART	595414.00	4173083.00	101.03	101.03	1.80
DISCCART	595434.00	4173083.00	101.05	101.05	1.80
DISCCART	595454.00	4173083.00	100.81	100.81	1.80
DISCCART	595474.00	4173083.00	100.59	100.59	1.80
DISCCART	595494.00	4173083.00	100.00	100.00	1.80
DISCCART	595514.00	4173083.00	100.10	101.15	1.80
DISCCART	595534.00	4173083.00	100.98	100.98	1.80
DISCCART	595554.00	4173083.00	100.83	100.83	1.80
DISCCART	595574.00	4173083.00	101.15	101.15	1.80
DISCCART	595334.00	4173103.00	100.68	100.68	1.80
DISCCART	595354.00	4173103.00	100.70	100.70	1.80
DISCCART	595374.00	4173103.00	100.97	100.97	1.80
DISCCART	595394.00	4173103.00	101.23	101.23	1.80

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   DISCCART    595414.00   4173103.00  101.35  101.35    1.80
   DISCCART    595434.00   4173103.00  101.31  101.31    1.80
   DISCCART    595454.00   4173103.00  100.90  100.90    1.80
   DISCCART    595474.00   4173103.00  100.45  100.45    1.80
   DISCCART    595494.00   4173103.00   99.96   99.96    1.80
   DISCCART    595514.00   4173103.00  101.04  101.04    1.80
   DISCCART    595334.00   4173123.00  101.04  101.04    1.80
   DISCCART    595354.00   4173123.00  101.14  101.14    1.80
   DISCCART    595374.00   4173123.00  101.35  101.35    1.80
   DISCCART    595394.00   4173123.00  101.55  101.55    1.80
   DISCCART    595414.00   4173123.00  101.55  101.55    1.80
   DISCCART    595434.00   4173123.00  101.41  101.41    1.80
   DISCCART    595454.00   4173123.00  100.91  100.91    1.80
   DISCCART    595474.00   4173123.00  100.19  100.19    1.80
   DISCCART    595494.00   4173123.00   99.99   99.99    1.80
   DISCCART    595514.00   4173123.00  101.16  101.16    1.80
   DISCCART    595354.00   4173143.00  101.45  101.45    1.80
   DISCCART    595374.00   4173143.00  101.56  101.56    1.80
   DISCCART    595394.00   4173143.00  101.52  101.52    1.80
   DISCCART    595414.00   4173143.00  100.68  101.67    1.80
   DISCCART    595434.00   4173143.00  100.68  100.68    1.80
   DISCCART    595494.00   4173143.00  101.03  101.03    1.80
   DISCCART    595354.00   4173163.00  101.34  101.34    1.80
   DISCCART    595374.00   4173163.00  101.54  101.54    1.80
   DISCCART    595394.00   4173163.00  101.61  101.61    1.80
   DISCCART    595414.00   4173163.00  101.03  101.61    1.80
   DISCCART    595434.00   4173163.00  101.09  101.09    1.80
   DISCCART    595374.00   4173183.00  101.54  101.54    1.80
   DISCCART    595394.00   4173183.00  101.69  101.69    1.80
   DISCCART    595414.00   4173183.00  101.66  101.66    1.80
   DISCCART    595434.00   4173183.00  101.62  101.62    1.80
** DESCRREC "Daycare" "Love and Care Christian Preshool"
   DISCCART    595203.12   4172931.43  100.67  100.67    0.50
** DESCRREC "Gym-CSP" "ClubSport Pleasanton"
   DISCCART    595305.29   4173022.49  100.77  100.77    1.80
** DESCRREC "P-School" "Sakura Gakuen School"
   DISCCART    596059.85   4172738.92   99.91   99.91    0.50
** DESCRREC "VVPark" "Val Vista Park (Hockey, Skate, and Water)"
   DISCCART    595782.40   4171913.24   98.53   98.53    1.80
   DISCCART    595790.49   4171877.76   99.65   99.65    1.80
   DISCCART    595826.59   4171700.37  100.23  100.23    1.80
   DISCCART    595857.85   4171568.40  100.14  100.14    1.80
** DESCRREC "Lflght" "Lifelight Gym"
   DISCCART    595427.66   4172811.08  100.71  100.71    1.80
** DESCRREC "CRSFIT" "Crossfit Pleasanton"
   DISCCART    595616.96   4172890.78  100.40  100.40    1.80
** DESCRREC "Vball" "Norcal Volleyball"
   DISCCART    595465.61   4172972.42  100.46  100.46    1.80
** DESCRREC "TPCbball" "TPC Baseball"
   DISCCART    595413.93   4172953.11  100.29  100.29    1.80
** DESCRREC "Onsite" "Oniste Workers in EDZ"
   DISCCART    595207.62   4172857.58  100.54  100.54    1.80
   DISCCART    595229.35   4172793.73  100.13  100.13    1.80
   DISCCART    595251.41   4172717.21  100.32  100.32    1.80
   DISCCART    595276.16   4172654.64  100.20  100.20    1.80
** DESCRREC "RESVV" "Residents in Val Vista Neighborhoood/Stonedale Dr."
   DISCCART    595286.24   4171790.65  100.11  100.11    1.80
   DISCCART    595306.24   4171790.65  100.26  100.26    1.80
   DISCCART    595326.24   4171790.65  100.24  100.24    1.80
   DISCCART    595266.24   4171810.65  100.36  100.36    1.80
   DISCCART    595286.24   4171810.65  100.68  100.68    1.80
   DISCCART    595306.24   4171810.65   99.97   99.97    1.80
   DISCCART    595326.24   4171810.65  100.19  100.19    1.80
   DISCCART    595246.24   4171830.65  100.59  100.59    1.80
```

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   DISCCART    595266.24   4171830.65  100.73  100.73    1.80
   DISCCART    595286.24   4171830.65  100.65  100.65    1.80
   DISCCART    595306.24   4171830.65  100.14  100.14    1.80
   DISCCART    595326.24   4171830.65  100.04  100.04    1.80
   DISCCART    595226.24   4171850.65  101.05  101.05    1.80
   DISCCART    595246.24   4171850.65  100.34  100.34    1.80
   DISCCART    595266.24   4171850.65  100.23  100.23    1.80
   DISCCART    595286.24   4171850.65  100.17  100.17    1.80
   DISCCART    595306.24   4171850.65  100.04  100.04    1.80
   DISCCART    595326.24   4171850.65   99.91   99.91    1.80
   DISCCART    595206.24   4171870.65  100.71  100.71    1.80
   DISCCART    595226.24   4171870.65  100.49  100.49    1.80
   DISCCART    595246.24   4171870.65  100.36  100.36    1.80
   DISCCART    595266.24   4171870.65  100.43  100.43    1.80
   DISCCART    595286.24   4171870.65  100.24  100.24    1.80
   DISCCART    595306.24   4171870.65  100.03  100.03    1.80
   DISCCART    595186.24   4171890.65  100.62  100.62    1.80
   DISCCART    595206.24   4171890.65  100.56  100.56    1.80
   DISCCART    595226.24   4171890.65  100.56  100.56    1.80
   DISCCART    595246.24   4171890.65  100.42  100.42    1.80
   DISCCART    595266.24   4171890.65  100.37  100.37    1.80
   DISCCART    595286.24   4171890.65  100.16  100.16    1.80
   DISCCART    595306.24   4171890.65   99.95   99.95    1.80
   DISCCART    595186.24   4171910.65  100.75  100.75    1.80
   DISCCART    595206.24   4171910.65  100.77  100.77    1.80
   DISCCART    595226.24   4171910.65  100.62  100.62    1.80
   DISCCART    595246.24   4171910.65  100.36  100.36    1.80
   DISCCART    595266.24   4171910.65  100.13  100.13    1.80
   DISCCART    595286.24   4171910.65  100.18  100.18    1.80
   DISCCART    595306.24   4171910.65   99.82   99.82    1.80
   DISCCART    595166.24   4171930.65  100.92  100.92    1.80
   DISCCART    595186.24   4171930.65  100.86  100.86    1.80
   DISCCART    595206.24   4171930.65  100.62  100.62    1.80
   DISCCART    595226.24   4171930.65  100.67  100.67    1.80
   DISCCART    595246.24   4171930.65  100.18  100.18    1.80
   DISCCART    595266.24   4171930.65  100.13  100.13    1.80
   DISCCART    595286.24   4171930.65  100.02  100.02    1.80
   DISCCART    595166.24   4171950.65  100.84  100.84    1.80
   DISCCART    595186.24   4171950.65  100.89  100.89    1.80
   DISCCART    595206.24   4171950.65  100.76  100.76    1.80
   DISCCART    595226.24   4171950.65  100.90  100.90    1.80
   DISCCART    595246.24   4171950.65  100.36  100.36    1.80
   DISCCART    595266.24   4171950.65  100.14  100.14    1.80
   DISCCART    595286.24   4171950.65   99.77  107.32    1.80
   DISCCART    595146.24   4171970.65  101.29  101.29    1.80
   DISCCART    595166.24   4171970.65  101.33  101.33    1.80
   DISCCART    595186.24   4171970.65  101.08  101.08    1.80
   DISCCART    595206.24   4171970.65  100.90  100.90    1.80
   DISCCART    595226.24   4171970.65  100.83  100.83    1.80
   DISCCART    595246.24   4171970.65  100.10  106.99    1.80
   DISCCART    595266.24   4171970.65   99.89  107.46    1.80
   DISCCART    595146.24   4171990.65  101.35  101.35    1.80
   DISCCART    595166.24   4171990.65  101.30  101.30    1.80
   DISCCART    595186.24   4171990.65  101.06  101.06    1.80
   DISCCART    595206.24   4171990.65  100.90  100.90    1.80
** DESCRREC "RESSE" "Residents Southeast of Project"
   DISCCART    595852.66   4171825.33   99.74   99.74    1.80
   DISCCART    595852.66   4171845.33   99.78   99.78    1.80
   DISCCART    595852.66   4171865.33   99.69   99.69    1.80
   DISCCART    595872.66   4171865.33   99.79   99.79    1.80
   DISCCART    595892.66   4171865.33   99.86   99.86    1.80
   DISCCART    595832.66   4171885.33   99.37   99.37    1.80
   DISCCART    595852.66   4171885.33   99.45   99.45    1.80
   DISCCART    595872.66   4171885.33   99.52   99.52    1.80
```

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   DISCCART    595892.66   4171885.33   99.54   99.54    1.80
   DISCCART    595832.66   4171905.33   99.29   99.29    1.80
   DISCCART    595852.66   4171905.33   99.02   99.02    1.80
   DISCCART    595872.66   4171905.33   98.96   98.96    1.80
   DISCCART    595892.66   4171905.33   99.22   99.22    1.80
   DISCCART    595912.66   4171905.33   99.73   99.73    1.80
   DISCCART    595832.66   4171925.33   99.44   99.44    1.80
   DISCCART    595852.66   4171925.33   99.31   99.31    1.80
   DISCCART    595872.66   4171925.33   99.35   99.35    1.80
   DISCCART    595892.66   4171925.33   99.25   99.25    1.80
   DISCCART    595912.66   4171925.33   99.22   99.22    1.80
   DISCCART    595852.66   4171945.33   98.82   99.52    1.80
   DISCCART    595872.66   4171945.33   99.23   99.23    1.80
   DISCCART    595892.66   4171945.33   99.54   99.54    1.80
   DISCCART    595912.66   4171945.33   99.69   99.69    1.80
   DISCCART    595932.66   4171945.33   99.72   99.72    1.80
** DESCRREC "RESSAC" "Residents in Stoneride Apartment Community"
   DISCCART    595102.43   4172101.44  101.15  101.15    1.80
   DISCCART    595122.43   4172101.44  101.08  101.08    1.80
   DISCCART    595142.43   4172101.44  100.79  100.79    1.80
   DISCCART    595102.43   4172121.44  101.30  101.30    1.80
   DISCCART    595122.43   4172121.44  101.38  101.38    1.80
   DISCCART    595142.43   4172121.44  101.01  101.01    1.80
   DISCCART    595082.43   4172141.44  101.31  101.31    1.80
   DISCCART    595102.43   4172141.44  101.46  101.46    1.80
   DISCCART    595122.43   4172141.44  101.38  101.38    1.80
   DISCCART    595142.43   4172141.44  101.11  101.11    1.80
   DISCCART    595082.43   4172161.44  101.25  101.25    1.80
   DISCCART    595102.43   4172161.44  101.06  101.06    1.80
   DISCCART    595122.43   4172161.44  101.27  101.27    1.80
   DISCCART    595142.43   4172161.44  101.12  101.12    1.80
   DISCCART    595082.43   4172181.44  101.25  101.25    1.80
   DISCCART    595102.43   4172181.44  101.21  101.21    1.80
   DISCCART    595122.43   4172181.44  101.20  101.20    1.80
   DISCCART    595142.43   4172181.44  101.14  101.14    1.80
   DISCCART    595062.43   4172201.44  101.41  101.41    1.80
   DISCCART    595082.43   4172201.44  101.39  101.39    1.80
   DISCCART    595102.43   4172201.44  101.22  101.22    1.80
   DISCCART    595122.43   4172201.44  101.25  101.25    1.80
   DISCCART    595142.43   4172201.44  101.17  101.17    1.80
   DISCCART    595162.43   4172201.44  101.10  101.10    1.80
   DISCCART    595062.43   4172221.44  101.58  101.58    1.80
   DISCCART    595082.43   4172221.44  101.52  101.52    1.80
   DISCCART    595102.43   4172221.44  101.27  101.27    1.80
   DISCCART    595122.43   4172221.44  101.40  101.40    1.80
   DISCCART    595142.43   4172221.44  101.38  101.38    1.80
   DISCCART    595162.43   4172221.44  101.37  101.37    1.80
   DISCCART    595062.43   4172241.44  101.58  101.58    1.80
   DISCCART    595082.43   4172241.44  101.45  101.45    1.80
   DISCCART    595102.43   4172241.44  101.45  101.45    1.80
   DISCCART    595122.43   4172241.44  101.47  101.47    1.80
   DISCCART    595142.43   4172241.44  101.20  101.20    1.80
   DISCCART    595162.43   4172241.44  100.91  100.91    1.80
   DISCCART    595062.43   4172261.44  101.37  101.37    1.80
   DISCCART    595082.43   4172261.44  101.09  101.09    1.80
   DISCCART    595102.43   4172261.44  101.67  101.67    1.80
   DISCCART    595122.43   4172261.44  101.62  101.62    1.80
   DISCCART    595142.43   4172261.44  101.14  101.14    1.80
   DISCCART    595042.43   4172281.44  101.57  101.57    1.80
   DISCCART    595062.43   4172281.44  101.39  101.39    1.80
   DISCCART    595082.43   4172281.44  101.16  101.16    1.80
   DISCCART    595102.43   4172281.44  101.95  101.95    1.80
   DISCCART    595122.43   4172281.44  101.19  101.19    1.80
   DISCCART    595142.43   4172281.44  101.14  101.14    1.80
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   DISCCART    595162.43   4172281.44  101.26  101.26    1.80
   DISCCART    595042.43   4172301.44  101.66  101.66    1.80
   DISCCART    595062.43   4172301.44  101.40  101.40    1.80
   DISCCART    595082.43   4172301.44  101.54  101.54    1.80
   DISCCART    595102.43   4172301.44  101.89  101.89    1.80
   DISCCART    595122.43   4172301.44  101.51  101.51    1.80
   DISCCART    595142.43   4172301.44  101.33  101.33    1.80
   DISCCART    595162.43   4172301.44  101.23  101.23    1.80
   DISCCART    595042.43   4172321.44  101.52  101.52    1.80
   DISCCART    595062.43   4172321.44  101.28  101.28    1.80
   DISCCART    595082.43   4172321.44  102.38  102.38    1.80
   DISCCART    595102.43   4172321.44  101.98  101.98    1.80
   DISCCART    595122.43   4172321.44  101.80  101.80    1.80
   DISCCART    595142.43   4172321.44  101.36  101.36    1.80
   DISCCART    595162.43   4172321.44  101.33  101.33    1.80
   DISCCART    595022.43   4172341.44  101.77  101.77    1.80
   DISCCART    595042.43   4172341.44  101.48  101.48    1.80
   DISCCART    595062.43   4172341.44  101.33  101.33    1.80
   DISCCART    595082.43   4172341.44  101.46  101.46    1.80
   DISCCART    595102.43   4172341.44  101.69  101.69    1.80
   DISCCART    595122.43   4172341.44  101.89  101.89    1.80
   DISCCART    595142.43   4172341.44  101.43  101.43    1.80
   DISCCART    595162.43   4172341.44  101.34  101.34    1.80
** DESCRREC "Onsite" "Oniste Workers in EDZ"
   DISCCART    595509.20   4172311.10  100.59  100.59    1.80
   DISCCART    595453.66   4172369.33  100.43  100.43    1.80
** DESCRREC "Kungfu" "Kungu Dragon USA"
   DISCCART    595568.33   4173021.18  100.77  100.77    1.80
** DESCRREC "FEDEX" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    595515.00   4172097.00  100.63  100.63    1.80
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
   DISCCART    595271.59   4172931.11  100.47  100.47    1.80
   DISCCART    595259.54   4172956.67  100.53  100.53    1.80
   DISCCART    595229.53   4172979.48  100.99  100.99    1.80
   DISCCART    595158.78   4172948.61  100.21  100.21    1.80
   DISCCART    595424.36   4172061.47   97.49  105.13    1.80
   DISCCART    595637.78   4172033.56  100.72  100.72    1.80
   DISCCART    595497.98   4172569.45  100.51  100.51    1.80
   DISCCART    595440.32   4172695.89  100.43  100.43    1.80
   DISCCART    595531.70   4172736.24  100.51  100.51    1.80
   DISCCART    595503.43   4172797.49   99.90   99.90    1.80
   DISCCART    595293.61   4172706.67  100.17  100.17    1.80
   DISCCART    595216.89   4172907.31  100.39  100.39    1.80
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "Livermore Met Data\724927.SFC"
   PROFFILE "Livermore Met Data\724927.PFL"
   SURFDATA 23285 2009
   UAIRDATA 23230 2009 OAKLAND/WSO_AP
   PROFBASE 119.8 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
```

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**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD Phase1A C1.AD\PE00G001.PLT 31
   PLOTFILE PERIOD Phase1B C1.AD\PE00G002.PLT 32
   PLOTFILE PERIOD P1A_Idle C1.AD\PE00G003.PLT 33
   PLOTFILE PERIOD P1B_Idle C1.AD\PE00G004.PLT 34
   PLOTFILE PERIOD P1A-Haul C1.AD\PE00G005.PLT 35
   PLOTFILE PERIOD P1B-Haul C1.AD\PE00G006.PLT 36
   PLOTFILE PERIOD ALL C1.AD\PE00GALL.PLT 37
   SUMMFILE C1.sum
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     10
** ZONEINX  0
**
```

A.3.2 Phase 2 Construction Model Input File – PM2.5 Exhaust

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 11/12/2018
** File: V:\AERMOD\C2\C2.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Phase 2 Annual PM2.5
   MODELOPT CONC FLAT ELEV ALPHA
   AVERTIME PERIOD
   URBANOPT 83007
   POLLUTID PM_2.5
   FLAGPOLE 1.80
   RUNORNOT RUN
   ERRORFIL C2.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PHASE2_1     AREAPOLY   595259.095  4172622.608       99.700
** DESCRSRC Phase 2-1
   LOCATION PHASE2_2     AREAPOLY   595344.500  4172358.844       99.430
** DESCRSRC Phase 2-2
   LOCATION PHASE2_3     AREAPOLY   595457.120  4172775.911       99.960
** DESCRSRC Phase 2-3
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = P2HAUL
** DESCRSRC Phase 2 Haul Route
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.000012929
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 25
** 595205.803, 4172772.754, 99.52, 3.05, 6.23
** 595281.692, 4172518.834, 99.70, 3.05, 6.23
** 595339.477, 4172342.172, 99.21, 3.05, 6.23
** 595379.960, 4172230.641, 98.96, 3.05, 6.23
** 595409.117, 4172203.350, 99.18, 3.05, 6.23
** 595444.778, 4172184.544, 99.39, 3.05, 6.23
** 595484.185, 4172166.455, 99.74, 3.05, 6.23
** 595517.349, 4172156.231, 99.84, 3.05, 6.23
** 595536.524, 4172151.921, 99.88, 3.05, 6.23
** 595575.061, 4172146.865, 100.17, 3.05, 6.23
** 595615.314, 4172143.852, 100.68, 3.05, 6.23
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** 595645.986, 4172140.755, 100.85, 3.05, 6.23
** 595667.851, 4172132.292, 100.80, 3.05, 6.23
** 595676.917, 4172124.223, 100.73, 3.05, 6.23
** 595688.240, 4172102.425, 100.53, 3.05, 6.23
** 595689.641, 4172024.472, 100.41, 3.05, 6.23
** 595683.106, 4172015.136, 100.59, 3.05, 6.23
** 595544.003, 4172030.540, 101.24, 3.05, 6.23
** 595457.647, 4172045.477, 102.28, 3.05, 6.23
** 595410.035, 4172057.614, 94.32, 3.05, 6.23
** 595380.160, 4172077.219, 97.99, 3.05, 6.23
** 595352.620, 4172111.294, 101.15, 3.05, 6.23
** 595298.611, 4172249.635, 100.84, 3.05, 6.23
** 595248.982, 4172380.296, 101.14, 3.05, 6.23
** 595138.386, 4172719.278, 101.54, 3.05, 6.23
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   LOCATION L0004005     VOLUME   595207.721 4172766.334 99.52
   LOCATION L0004006     VOLUME   595211.558 4172753.495 99.53
   LOCATION L0004007     VOLUME   595215.396 4172740.656 99.54
   LOCATION L0004008     VOLUME   595219.233 4172727.818 99.55
   LOCATION L0004009     VOLUME   595223.070 4172714.979 99.56
   LOCATION L0004010     VOLUME   595226.907 4172702.140 99.57
   LOCATION L0004011     VOLUME   595230.744 4172689.301 99.58
   LOCATION L0004012     VOLUME   595234.581 4172676.462 99.59
   LOCATION L0004013     VOLUME   595238.419 4172663.623 99.60
   LOCATION L0004014     VOLUME   595242.256 4172650.784 99.61
   LOCATION L0004015     VOLUME   595246.093 4172637.946 99.62
   LOCATION L0004016     VOLUME   595249.930 4172625.107 99.62
   LOCATION L0004017     VOLUME   595253.767 4172612.268 99.63
   LOCATION L0004018     VOLUME   595257.604 4172599.429 99.64
   LOCATION L0004019     VOLUME   595261.442 4172586.590 99.65
   LOCATION L0004020     VOLUME   595265.279 4172573.751 99.66
   LOCATION L0004021     VOLUME   595269.116 4172560.912 99.67
   LOCATION L0004022     VOLUME   595272.953 4172548.074 99.68
   LOCATION L0004023     VOLUME   595276.790 4172535.235 99.69
   LOCATION L0004024     VOLUME   595280.627 4172522.396 99.70
   LOCATION L0004025     VOLUME   595284.702 4172509.631 99.67
   LOCATION L0004026     VOLUME   595288.868 4172496.895 99.64
   LOCATION L0004027     VOLUME   595293.034 4172484.159 99.60
   LOCATION L0004028     VOLUME   595297.200 4172471.423 99.57
   LOCATION L0004029     VOLUME   595301.366 4172458.687 99.53
   LOCATION L0004030     VOLUME   595305.532 4172445.951 99.50
   LOCATION L0004031     VOLUME   595309.697 4172433.215 99.46
   LOCATION L0004032     VOLUME   595313.863 4172420.479 99.43
   LOCATION L0004033     VOLUME   595318.029 4172407.743 99.39
   LOCATION L0004034     VOLUME   595322.195 4172395.007 99.36
   LOCATION L0004035     VOLUME   595326.361 4172382.271 99.32
   LOCATION L0004036     VOLUME   595330.527 4172369.536 99.29
   LOCATION L0004037     VOLUME   595334.693 4172356.800 99.25
   LOCATION L0004038     VOLUME   595338.859 4172344.064 99.22
   LOCATION L0004039     VOLUME   595343.370 4172331.447 99.19
   LOCATION L0004040     VOLUME   595347.942 4172318.851 99.16
   LOCATION L0004041     VOLUME   595352.514 4172306.255 99.13
   LOCATION L0004042     VOLUME   595357.086 4172293.659 99.10
   LOCATION L0004043     VOLUME   595361.658 4172281.063 99.07
   LOCATION L0004044     VOLUME   595366.230 4172268.467 99.04
   LOCATION L0004045     VOLUME   595370.802 4172255.871 99.02
   LOCATION L0004046     VOLUME   595375.374 4172243.275 98.99
   LOCATION L0004047     VOLUME   595379.946 4172230.680 98.96
   LOCATION L0004048     VOLUME   595389.713 4172221.512 99.03
   LOCATION L0004049     VOLUME   595399.496 4172212.355 99.11
   LOCATION L0004050     VOLUME   595409.314 4172203.246 99.18
   LOCATION L0004051     VOLUME   595421.167 4172196.996 99.25
   LOCATION L0004052     VOLUME   595433.020 4172190.745 99.32
   LOCATION L0004053     VOLUME   595444.875 4172184.499 99.39
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LOCATION	L0004054	VOLUME	595457.053	4172178.909	99.50
LOCATION	L0004055	VOLUME	595469.231	4172173.319	99.61
LOCATION	L0004056	VOLUME	595481.410	4172167.729	99.72
LOCATION	L0004057	VOLUME	595494.072	4172163.407	99.77
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LOCATION	L0004059	VOLUME	595519.732	4172155.695	99.84
LOCATION	L0004060	VOLUME	595532.805	4172152.757	99.87
LOCATION	L0004061	VOLUME	595546.031	4172150.674	99.95
LOCATION	L0004062	VOLUME	595559.317	4172148.931	100.05
LOCATION	L0004063	VOLUME	595572.604	4172147.188	100.15
LOCATION	L0004064	VOLUME	595585.952	4172146.050	100.31
LOCATION	L0004065	VOLUME	595599.315	4172145.049	100.48
LOCATION	L0004066	VOLUME	595612.677	4172144.049	100.65
LOCATION	L0004067	VOLUME	595626.015	4172142.771	100.74
LOCATION	L0004068	VOLUME	595639.348	4172141.425	100.81
LOCATION	L0004069	VOLUME	595652.260	4172138.326	100.84
LOCATION	L0004070	VOLUME	595664.757	4172133.489	100.81
LOCATION	L0004071	VOLUME	595675.382	4172125.589	100.74
LOCATION	L0004072	VOLUME	595682.147	4172114.155	100.64
LOCATION	L0004073	VOLUME	595688.244	4172102.243	100.53
LOCATION	L0004074	VOLUME	595688.484	4172088.845	100.51
LOCATION	L0004075	VOLUME	595688.725	4172075.447	100.49
LOCATION	L0004076	VOLUME	595688.966	4172062.050	100.47
LOCATION	L0004077	VOLUME	595689.206	4172048.652	100.45
LOCATION	L0004078	VOLUME	595689.447	4172035.254	100.43
LOCATION	L0004079	VOLUME	595688.140	4172022.329	100.45
LOCATION	L0004080	VOLUME	595678.513	4172015.645	100.61
LOCATION	L0004081	VOLUME	595665.195	4172017.120	100.67
LOCATION	L0004082	VOLUME	595651.876	4172018.594	100.74
LOCATION	L0004083	VOLUME	595638.558	4172020.069	100.80
LOCATION	L0004084	VOLUME	595625.239	4172021.544	100.86
LOCATION	L0004085	VOLUME	595611.920	4172023.019	100.92
LOCATION	L0004086	VOLUME	595598.602	4172024.494	100.98
LOCATION	L0004087	VOLUME	595585.283	4172025.969	101.05
LOCATION	L0004088	VOLUME	595571.965	4172027.444	101.11
LOCATION	L0004089	VOLUME	595558.646	4172028.919	101.17
LOCATION	L0004090	VOLUME	595545.327	4172030.393	101.23
LOCATION	L0004091	VOLUME	595532.112	4172032.597	101.38
LOCATION	L0004092	VOLUME	595518.908	4172034.881	101.54
LOCATION	L0004093	VOLUME	595505.704	4172037.165	101.70
LOCATION	L0004094	VOLUME	595492.500	4172039.449	101.86
LOCATION	L0004095	VOLUME	595479.296	4172041.733	102.02
LOCATION	L0004096	VOLUME	595466.093	4172044.017	102.18
LOCATION	L0004097	VOLUME	595452.968	4172046.670	101.50
LOCATION	L0004098	VOLUME	595439.983	4172049.980	99.33
LOCATION	L0004099	VOLUME	595426.998	4172053.290	97.16
LOCATION	L0004100	VOLUME	595414.013	4172056.600	94.99
LOCATION	L0004101	VOLUME	595402.264	4172062.713	95.27
LOCATION	L0004102	VOLUME	595391.061	4172070.065	96.65
LOCATION	L0004103	VOLUME	595379.933	4172077.500	98.02
LOCATION	L0004104	VOLUME	595371.510	4172087.922	98.98
LOCATION	L0004105	VOLUME	595363.087	4172098.344	99.95
LOCATION	L0004106	VOLUME	595354.664	4172108.765	100.92
LOCATION	L0004107	VOLUME	595348.929	4172120.748	101.13
LOCATION	L0004108	VOLUME	595344.056	4172133.230	101.10
LOCATION	L0004109	VOLUME	595339.183	4172145.713	101.07
LOCATION	L0004110	VOLUME	595334.310	4172158.195	101.04
LOCATION	L0004111	VOLUME	595329.436	4172170.677	101.02
LOCATION	L0004112	VOLUME	595324.563	4172183.160	100.99
LOCATION	L0004113	VOLUME	595319.690	4172195.642	100.96
LOCATION	L0004114	VOLUME	595314.817	4172208.125	100.93
LOCATION	L0004115	VOLUME	595309.944	4172220.607	100.91
LOCATION	L0004116	VOLUME	595305.070	4172233.090	100.88
LOCATION	L0004117	VOLUME	595300.197	4172245.572	100.85

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   LOCATION L0004118     VOLUME   595295.402 4172258.085 100.86
   LOCATION L0004119     VOLUME   595290.644 4172270.611 100.89
   LOCATION L0004120     VOLUME   595285.886 4172283.138 100.92
   LOCATION L0004121     VOLUME   595281.128 4172295.665 100.95
   LOCATION L0004122     VOLUME   595276.369 4172308.192 100.97
   LOCATION L0004123     VOLUME   595271.611 4172320.719 101.00
   LOCATION L0004124     VOLUME   595266.853 4172333.245 101.03
   LOCATION L0004125     VOLUME   595262.095 4172345.772 101.06
   LOCATION L0004126     VOLUME   595257.337 4172358.299 101.09
   LOCATION L0004127     VOLUME   595252.579 4172370.826 101.12
   LOCATION L0004128     VOLUME   595247.968 4172383.405 101.14
   LOCATION L0004129     VOLUME   595243.812 4172396.144 101.16
   LOCATION L0004130     VOLUME   595239.656 4172408.883 101.17
   LOCATION L0004131     VOLUME   595235.499 4172421.622 101.19
   LOCATION L0004132     VOLUME   595231.343 4172434.361 101.20
   LOCATION L0004133     VOLUME   595227.187 4172447.100 101.22
   LOCATION L0004134     VOLUME   595223.030 4172459.839 101.23
   LOCATION L0004135     VOLUME   595218.874 4172472.578 101.25
   LOCATION L0004136     VOLUME   595214.718 4172485.318 101.26
   LOCATION L0004137     VOLUME   595210.562 4172498.057 101.28
   LOCATION L0004138     VOLUME   595206.405 4172510.796 101.29
   LOCATION L0004139     VOLUME   595202.249 4172523.535 101.31
   LOCATION L0004140     VOLUME   595198.093 4172536.274 101.32
   LOCATION L0004141     VOLUME   595193.937 4172549.013 101.34
   LOCATION L0004142     VOLUME   595189.780 4172561.752 101.35
   LOCATION L0004143     VOLUME   595185.624 4172574.492 101.37
   LOCATION L0004144     VOLUME   595181.468 4172587.231 101.38
   LOCATION L0004145     VOLUME   595177.312 4172599.970 101.40
   LOCATION L0004146     VOLUME   595173.155 4172612.709 101.41
   LOCATION L0004147     VOLUME   595168.999 4172625.448 101.43
   LOCATION L0004148     VOLUME   595164.843 4172638.187 101.44
   LOCATION L0004149     VOLUME   595160.687 4172650.926 101.46
   LOCATION L0004150     VOLUME   595156.530 4172663.665 101.47
   LOCATION L0004151     VOLUME   595152.374 4172676.405 101.49
   LOCATION L0004152     VOLUME   595148.218 4172689.144 101.50
   LOCATION L0004153     VOLUME   595144.062 4172701.883 101.52
   LOCATION L0004154     VOLUME   595139.905 4172714.622 101.53
** End of LINE VOLUME Source ID = P2HAUL
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PHASE2_1IDLE
** DESCRSRC Phase 2-1 Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 9.25E-07
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595161.737, 4172933.155, 100.16, 3.05, 4.65
** 595235.276, 4172688.723, 99.59, 3.05, 4.65
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   LOCATION L0004252     VOLUME   595163.177 4172928.367 100.15
   LOCATION L0004253     VOLUME   595166.058 4172918.791 100.13
   LOCATION L0004254     VOLUME   595168.939 4172909.215 100.10
   LOCATION L0004255     VOLUME   595171.820 4172899.639 100.08
   LOCATION L0004256     VOLUME   595174.701 4172890.063 100.06
   LOCATION L0004257     VOLUME   595177.582 4172880.487 100.04
   LOCATION L0004258     VOLUME   595180.463 4172870.911 100.01
   LOCATION L0004259     VOLUME   595183.344 4172861.335 99.99
   LOCATION L0004260     VOLUME   595186.225 4172851.759 99.97
   LOCATION L0004261     VOLUME   595189.106 4172842.183 99.95
   LOCATION L0004262     VOLUME   595191.987 4172832.607 99.93
   LOCATION L0004263     VOLUME   595194.868 4172823.031 99.90
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   LOCATION L0004264     VOLUME   595197.749 4172813.455 99.88
   LOCATION L0004265     VOLUME   595200.630 4172803.879 99.86
   LOCATION L0004266     VOLUME   595203.511 4172794.303 99.84
   LOCATION L0004267     VOLUME   595206.392 4172784.727 99.81
   LOCATION L0004268     VOLUME   595209.273 4172775.151 99.79
   LOCATION L0004269     VOLUME   595212.154 4172765.575 99.77
   LOCATION L0004270     VOLUME   595215.035 4172755.999 99.75
   LOCATION L0004271     VOLUME   595217.916 4172746.423 99.72
   LOCATION L0004272     VOLUME   595220.797 4172736.847 99.70
   LOCATION L0004273     VOLUME   595223.678 4172727.271 99.68
   LOCATION L0004274     VOLUME   595226.559 4172717.695 99.66
   LOCATION L0004275     VOLUME   595229.440 4172708.119 99.64
   LOCATION L0004276     VOLUME   595232.321 4172698.543 99.61
   LOCATION L0004277     VOLUME   595235.202 4172688.967 99.59
** End of LINE VOLUME Source ID = PHASE2_1IDLE
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PHASE2_2IDLE
** DESCRSRC Phase 2-2 Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 9.76E-07
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595342.954, 4172356.042, 99.45, 3.05, 4.65
** 595375.567, 4172258.202, 99.00, 3.05, 4.65
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   LOCATION L0004237     VOLUME   595344.535 4172351.299 99.43
   LOCATION L0004238     VOLUME   595347.697 4172341.812 99.38
   LOCATION L0004239     VOLUME   595350.860 4172332.325 99.34
   LOCATION L0004240     VOLUME   595354.022 4172322.838 99.30
   LOCATION L0004241     VOLUME   595357.184 4172313.352 99.25
   LOCATION L0004242     VOLUME   595360.346 4172303.865 99.21
   LOCATION L0004243     VOLUME   595363.509 4172294.378 99.17
   LOCATION L0004244     VOLUME   595366.671 4172284.891 99.12
   LOCATION L0004245     VOLUME   595369.833 4172275.404 99.08
   LOCATION L0004246     VOLUME   595372.995 4172265.917 99.04
** End of LINE VOLUME Source ID = PHASE2_2IDLE
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PHASE2_3IDLE
** DESCRSRC Phase 2-3 Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.42E-07
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595452.539, 4172776.925, 99.87, 3.05, 4.65
** 595501.483, 4172797.971, 99.87, 3.05, 4.65
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   LOCATION L0004247     VOLUME   595457.132 4172778.900 99.87
   LOCATION L0004248     VOLUME   595466.319 4172782.850 99.87
   LOCATION L0004249     VOLUME   595475.506 4172786.801 99.87
   LOCATION L0004250     VOLUME   595484.693 4172790.751 99.87
   LOCATION L0004251     VOLUME   595493.879 4172794.701 99.87
** End of LINE VOLUME Source ID = PHASE2 3IDLE
   LOCATION PHASE2_4     AREAPOLY   595601.560  4172136.009      100.470
** DESCRSRC Phase 2-4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
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** LINE VOLUME Source ID = PHASE2_4IDLE
** DESCRSRC Phase 2-4 Idle
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 8.66E-07
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 4
** 595446.596, 4172177.899, 99.60, 3.05, 4.65
** 595492.896, 4172158.256, 99.79, 3.05, 4.65
** 595527.270, 4172147.734, 99.97, 3.05, 4.65
** 595593.212, 4172138.614, 100.36, 3.05, 4.65
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   LOCATION L0004278     VOLUME   595451.199 4172175.946 99.62
   LOCATION L0004279     VOLUME   595460.405 4172172.040 99.66
   LOCATION L0004280     VOLUME   595469.611 4172168.135 99.69
   LOCATION L0004281     VOLUME   595478.817 4172164.229 99.73
   LOCATION L0004282     VOLUME   595488.022 4172160.324 99.77
   LOCATION L0004283     VOLUME   595497.396 4172156.879 99.81
   LOCATION L0004284     VOLUME   595506.958 4172153.952 99.86
   LOCATION L0004285     VOLUME   595516.520 4172151.024 99.91
   LOCATION L0004286     VOLUME   595526.082 4172148.097 99.96
   LOCATION L0004287     VOLUME   595535.945 4172146.534 100.02
   LOCATION L0004288     VOLUME   595545.851 4172145.164 100.08
   LOCATION L0004289     VOLUME   595555.756 4172143.794 100.14
   LOCATION L0004290     VOLUME   595565.662 4172142.424 100.20
   LOCATION L0004291     VOLUME   595575.568 4172141.054 100.26
   LOCATION L0004292     VOLUME   595585.473 4172139.684 100.31
** End of LINE VOLUME Source ID = PHASE2_4IDLE
** Source Parameters **
   SRCPARAM PHASE2_1     3.5398E-08     5.000          9     1.400
   AREAVERT PHASE2_1     595259.095 4172622.608 595341.217 4172653.107
   AREAVERT PHASE2_1     595315.492 4172712.243 595293.559 4172703.167
   AREAVERT PHASE2_1     595215.714 4172907.475 595270.264 4172931.495
   AREAVERT PHASE2_1     595258.784 4172955.785 595229.158 4172978.117
   AREAVERT PHASE2_1     595160.354 4172947.524
   SRCPARAM PHASE2_2     3.5396E-08     5.000          4     1.400
   AREAVERT PHASE2_2     595344.500 4172358.844 595380.301 4172251.255
   AREAVERT PHASE2_2     595564.271 4172311.489 595535.323 4172423.792
   SRCPARAM PHASE2_3     3.5469E-08     5.000          4     1.400
   AREAVERT PHASE2_3     595457.120 4172775.911 595503.011 4172795.885
   AREAVERT PHASE2_3     595530.578 4172737.118 595484.090 4172716.065
** LINE VOLUME Source ID = P2HAUL
   SRCPARAM L0004005     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004006     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004007     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004008     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004009     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004010     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004011     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004012     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004013     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004014     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004015     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004016     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004017     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004018     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004019     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004020     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004021     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004022     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004023     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004024     0.00000008619      3.05      6.23      2.84
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SRCPARAM L0004025     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004026     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004027     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004028     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004029     0.00000008619      3.05      6.23      2.84
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SRCPARAM L0004032     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004033     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004034     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004035     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004036     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004037     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004038     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004039     0.00000008619      3.05      6.23      2.84
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SRCPARAM L0004041     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004042     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004043     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004044     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004045     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004046     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004047     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004048     0.00000008619      3.05      6.23      2.84
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SRCPARAM L0004050     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004051     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004052     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004053     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004054     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004055     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004056     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004057     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004058     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004059     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004060     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004061     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004062     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004063     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004064     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004065     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004066     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004067     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004068     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004069     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004070     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004071     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004072     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004073     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004074     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004075     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004076     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004077     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004078     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004079     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004080     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004081     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004082     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004083     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004084     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004085     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004086     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004087     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004088     0.00000008619      3.05      6.23      2.84
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SRCPARAM L0004089     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004090     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004091     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004092     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004093     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004094     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004095     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004096     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004097     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004098     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004099     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004100     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004101     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004102     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004103     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004104     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004105     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004106     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004107     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004108     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004109     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004110     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004111     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004112     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004113     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004114     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004115     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004116     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004117     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004118     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004119     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004120     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004121     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004122     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004123     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004124     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004125     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004126     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004127     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004128     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004129     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004130     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004131     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004132     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004133     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004134     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004135     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004136     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004137     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004138     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004139     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004140     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004141     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004142     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004143     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004144     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004145     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004146     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004147     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004148     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004149     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004150     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004151     0.00000008619      3.05      6.23      2.84
SRCPARAM L0004152     0.00000008619      3.05      6.23      2.84
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   SRCPARAM L0004153     0.00000008619      3.05      6.23      2.84
   SRCPARAM L0004154     0.00000008619      3.05      6.23      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = PHASE2_1IDLE
   SRCPARAM L0004252     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004253     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004254     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004255     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004256     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004257     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004258     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004259     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004260     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004261     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004262     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004263     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004264     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004265     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004266     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004267     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004268     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004269     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004270     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004271     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004272     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004273     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004274     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004275     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004276     0.00000003558      3.05      4.65      2.84
   SRCPARAM L0004277     0.00000003558      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = PHASE2_2IDLE
   SRCPARAM L0004237     0.0000000976       3.05      4.65      2.84
   SRCPARAM L0004238     0.0000000976       3.05      4.65      2.84
   SRCPARAM L0004239     0.0000000976       3.05      4.65      2.84
   SRCPARAM L0004240     0.0000000976       3.05      4.65      2.84
   SRCPARAM L0004241     0.0000000976       3.05      4.65      2.84
   SRCPARAM L0004242     0.0000000976       3.05      4.65      2.84
   SRCPARAM L0004243     0.0000000976       3.05      4.65      2.84
   SRCPARAM L0004244     0.0000000976       3.05      4.65      2.84
   SRCPARAM L0004245     0.0000000976       3.05      4.65      2.84
   SRCPARAM L0004246     0.0000000976       3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = PHASE2_3IDLE
   SRCPARAM L0004247     0.0000000284       3.05      4.65      2.84
   SRCPARAM L0004248     0.0000000284       3.05      4.65      2.84
   SRCPARAM L0004249     0.0000000284       3.05      4.65      2.84
   SRCPARAM L0004250     0.0000000284       3.05      4.65      2.84
   SRCPARAM L0004251     0.0000000284       3.05      4.65      2.84
** ------------------------------------------------------------------
   SRCPARAM PHASE2_4     3.4231E-08     5.000         8     1.400
   AREAVERT PHASE2_4     595601.560 4172136.009 595630.174 4172038.875
   AREAVERT PHASE2_4     595426.930 4172063.773 595388.357 4172198.427
   AREAVERT PHASE2_4     595437.450 4172173.881 595443.762 4172175.985
   AREAVERT PHASE2_4     595511.790 4172146.529 595569.299 4172136.711
** LINE VOLUME Source ID = PHASE2_4IDLE
   SRCPARAM L0004278     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004279     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004280     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004281     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004282     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004283     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004284     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004285     0.00000005773      3.05      4.65      2.84
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   SRCPARAM L0004286     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004287     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004288     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004289     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004290     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004291     0.00000005773      3.05      4.65      2.84
   SRCPARAM L0004292     0.00000005773      3.05      4.65      2.84
** ------------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2_1     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2_2     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_2     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2_3     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_3     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0004252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004252     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004252     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004253     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0004253     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004254     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004254     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004255     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004255     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004256     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004256     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004257     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004257     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004258     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004258     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004259     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004259     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004260     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004260     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004261     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004261     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004262     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004262     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004263     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004263     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004264     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004264     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004265     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004265     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004266     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004266     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004267     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004267     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004268     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004268     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004269     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0004269     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004270     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004270     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004271     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004271     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004272     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004272     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004273     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004273     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004274     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004274     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004275     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004275     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004276     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004276     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004277     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004277     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0004252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0004252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0004237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004237     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004237     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004238     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004238     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004239     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004239     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0004239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004240     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004240     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004241     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004241     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004242     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004242     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004243     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004243     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004244     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004244     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004245     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004245     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004246     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004246     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0004237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0004237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0004005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004005     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004005     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004006     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004006     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004007     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004007     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004008     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004008     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004009     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004009     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004010     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004010     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004011     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004011     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004012     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004012     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004013     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004013     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004014     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004014     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004015     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004015     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004016     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004016     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004017     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004017     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004018     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004018     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004019     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004019     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004020     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004020     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004021     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004021     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004022     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004022     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004023     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004023     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004024     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004024     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004025     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004025     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004026     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004026     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004027     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004027     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004028     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004028     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004029     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004030     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004030     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004031     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004031     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004032     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004032     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004033     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004033     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004034     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004034     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004035     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004035     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004036     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004036     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004037     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004037     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004038     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004039     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0004040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004040     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0004040     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0004040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0004125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0004140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004150     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004150     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004150     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004150     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004151     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004151     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004151     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004151     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004152     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004152     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004152     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004152     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004153     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004153     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004153     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004153     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004154     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004154     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004154     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004154     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0004247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004247     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004247     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004248     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004248     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004249     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004249     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004250     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004250     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004251     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004251     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0004247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0004247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2_4     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2_4     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0004278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004278     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004278     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004279     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004279     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004280     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004280     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004281     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004281     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004282     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004282     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004283     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004283     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004284     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004284     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004285     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004285     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004286     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004286     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004287     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004287     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004288     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004288     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004288     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004288     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004289     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004289     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004290     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004290     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004291     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004291     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0004291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004292     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0004292     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0004292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0004278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004288     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004288     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004288     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004288     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0004278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004288     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0004290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0004292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP Haul     L0004005 L0004006 L0004007 L0004008 L0004009 L0004010
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   SRCGROUP Haul     L0004011 L0004012 L0004013 L0004014 L0004015 L0004016
   SRCGROUP Haul     L0004017 L0004018 L0004019 L0004020 L0004021 L0004022
   SRCGROUP Haul     L0004023 L0004024 L0004025 L0004026 L0004027 L0004028
   SRCGROUP Haul     L0004029 L0004030 L0004031 L0004032 L0004033 L0004034
   SRCGROUP Haul     L0004035 L0004036 L0004037 L0004038 L0004039 L0004040
   SRCGROUP Haul     L0004041 L0004042 L0004043 L0004044 L0004045 L0004046
   SRCGROUP Haul     L0004047 L0004048 L0004049 L0004050 L0004051 L0004052
   SRCGROUP Haul     L0004053 L0004054 L0004055 L0004056 L0004057 L0004058
   SRCGROUP Haul     L0004059 L0004060 L0004061 L0004062 L0004063 L0004064
   SRCGROUP Haul     L0004065 L0004066 L0004067 L0004068 L0004069 L0004070
   SRCGROUP Haul     L0004071 L0004072 L0004073 L0004074 L0004075 L0004076
   SRCGROUP Haul     L0004077 L0004078 L0004079 L0004080 L0004081 L0004082
   SRCGROUP Haul     L0004083 L0004084 L0004085 L0004086 L0004087 L0004088
   SRCGROUP Haul     L0004089 L0004090 L0004091 L0004092 L0004093 L0004094
   SRCGROUP Haul     L0004095 L0004096 L0004097 L0004098 L0004099 L0004100
   SRCGROUP Haul     L0004101 L0004102 L0004103 L0004104 L0004105 L0004106
   SRCGROUP Haul     L0004107 L0004108 L0004109 L0004110 L0004111 L0004112
   SRCGROUP Haul     L0004113 L0004114 L0004115 L0004116 L0004117 L0004118
   SRCGROUP Haul     L0004119 L0004120 L0004121 L0004122 L0004123 L0004124
   SRCGROUP Haul     L0004125 L0004126 L0004127 L0004128 L0004129 L0004130
   SRCGROUP Haul     L0004131 L0004132 L0004133 L0004134 L0004135 L0004136
   SRCGROUP Haul     L0004137 L0004138 L0004139 L0004140 L0004141 L0004142
   SRCGROUP Haul     L0004143 L0004144 L0004145 L0004146 L0004147 L0004148
   SRCGROUP Haul     L0004149 L0004150 L0004151 L0004152 L0004153 L0004154
   SRCGROUP P2       PHASE2_1 PHASE2_2 PHASE2_3 PHASE2_4
   SRCGROUP P2_Idle  L0004252 L0004253 L0004254 L0004255 L0004256 L0004257
   SRCGROUP P2_Idle  L0004258 L0004259 L0004260 L0004261 L0004262 L0004263
   SRCGROUP P2_Idle  L0004264 L0004265 L0004266 L0004267 L0004268 L0004269
   SRCGROUP P2_Idle  L0004270 L0004271 L0004272 L0004273 L0004274 L0004275
   SRCGROUP P2_Idle  L0004276 L0004277 L0004237 L0004238 L0004239 L0004240
   SRCGROUP P2_Idle  L0004241 L0004242 L0004243 L0004244 L0004245 L0004246
   SRCGROUP P2_Idle  L0004247 L0004248 L0004249 L0004250 L0004251 L0004278
   SRCGROUP P2_Idle  L0004279 L0004280 L0004281 L0004282 L0004283 L0004284
   SRCGROUP P2_Idle  L0004285 L0004286 L0004287 L0004288 L0004289 L0004290
   SRCGROUP P2_Idle  L0004291 L0004292
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
** DESCRREC "UCART1" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    595574.00   4171743.00   97.81  101.44    1.80
   DISCCART    595594.00   4171743.00   96.06  101.44    1.80
   DISCCART    595614.00   4171743.00   97.41  101.18    1.80
   DISCCART    595634.00   4171743.00   99.77  101.06    1.80
   DISCCART    595654.00   4171743.00   96.05  101.18    1.80
   DISCCART    595674.00   4171743.00   95.92  101.14    1.80
   DISCCART    595694.00   4171743.00   99.12  101.14    1.80
   DISCCART    595534.00   4171763.00   99.54  101.43    1.80
   DISCCART    595554.00   4171763.00  101.29  101.37    1.80
   DISCCART    595574.00   4171763.00   96.99  101.52    1.80
   DISCCART    595594.00   4171763.00   96.20  101.52    1.80
   DISCCART    595614.00   4171763.00   98.89  101.23    1.80
   DISCCART    595634.00   4171763.00   98.38  101.23    1.80
   DISCCART    595654.00   4171763.00   96.28  101.23    1.80
   DISCCART    595674.00   4171763.00   96.19  101.17    1.80
   DISCCART    595694.00   4171763.00  100.58  100.58    1.80
   DISCCART    595714.00   4171763.00  100.64  100.64    1.80
   DISCCART    595734.00   4171763.00   98.51  101.14    1.80
   DISCCART    595754.00   4171763.00   99.31   99.31    1.80
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DISCCART	595534.00	4171783.00	101.02	101.47	1.80
DISCCART	595554.00	4171783.00	100.91	100.91	1.80
DISCCART	595574.00	4171783.00	100.49	100.49	1.80
DISCCART	595594.00	4171783.00	101.03	101.24	1.80
DISCCART	595614.00	4171783.00	101.08	101.08	1.80
DISCCART	595634.00	4171783.00	98.78	101.23	1.80
DISCCART	595654.00	4171783.00	96.81	101.23	1.80
DISCCART	595674.00	4171783.00	96.90	101.18	1.80
DISCCART	595694.00	4171783.00	101.09	101.09	1.80
DISCCART	595714.00	4171783.00	98.99	101.14	1.80
DISCCART	595734.00	4171783.00	99.01	99.01	1.80
DISCCART	595754.00	4171783.00	99.75	99.75	1.80
DISCCART	595774.00	4171783.00	99.74	99.74	1.80
DISCCART	595534.00	4171803.00	101.23	101.23	1.80
DISCCART	595554.00	4171803.00	101.24	101.45	1.80
DISCCART	595574.00	4171803.00	97.44	101.54	1.80
DISCCART	595594.00	4171803.00	97.57	101.30	1.80
DISCCART	595614.00	4171803.00	97.82	101.24	1.80
DISCCART	595634.00	4171803.00	98.75	101.23	1.80
DISCCART	595654.00	4171803.00	100.24	100.24	1.80
DISCCART	595674.00	4171803.00	100.72	101.14	1.80
DISCCART	595694.00	4171803.00	101.01	101.01	1.80
DISCCART	595714.00	4171803.00	97.43	101.18	1.80
DISCCART	595734.00	4171803.00	99.30	99.30	1.80
DISCCART	595754.00	4171803.00	100.29	100.29	1.80
DISCCART	595514.00	4171823.00	99.60	101.28	1.80
DISCCART	595534.00	4171823.00	101.26	101.26	1.80
DISCCART	595554.00	4171823.00	100.86	101.53	1.80
DISCCART	595574.00	4171823.00	95.57	101.66	1.80
DISCCART	595594.00	4171823.00	95.80	101.66	1.80
DISCCART	595614.00	4171823.00	97.30	101.66	1.80
DISCCART	595634.00	4171823.00	97.25	101.43	1.80
DISCCART	595654.00	4171823.00	97.40	101.18	1.80
DISCCART	595674.00	4171823.00	99.00	101.18	1.80
DISCCART	595694.00	4171823.00	100.83	100.83	1.80
DISCCART	595714.00	4171823.00	97.63	101.18	1.80
DISCCART	595734.00	4171823.00	99.32	99.32	1.80
DISCCART	595754.00	4171823.00	99.75	99.75	1.80
DISCCART	595514.00	4171843.00	100.28	101.23	1.80
DISCCART	595534.00	4171843.00	101.27	101.27	1.80
DISCCART	595554.00	4171843.00	101.27	101.27	1.80
DISCCART	595574.00	4171843.00	97.82	101.61	1.80
DISCCART	595594.00	4171843.00	95.87	101.80	1.80
DISCCART	595614.00	4171843.00	97.52	101.66	1.80
DISCCART	595634.00	4171843.00	97.40	101.66	1.80
DISCCART	595654.00	4171843.00	97.51	101.60	1.80
DISCCART	595674.00	4171843.00	100.34	100.89	1.80
DISCCART	595694.00	4171843.00	100.08	100.91	1.80
DISCCART	595714.00	4171843.00	98.47	100.91	1.80
DISCCART	595734.00	4171843.00	99.46	99.46	1.80
DISCCART	595754.00	4171843.00	99.53	99.53	1.80
DISCCART	595514.00	4171863.00	100.93	100.93	1.80
DISCCART	595534.00	4171863.00	101.26	101.26	1.80
DISCCART	595554.00	4171863.00	101.28	101.28	1.80
DISCCART	595574.00	4171863.00	101.38	101.38	1.80
DISCCART	595594.00	4171863.00	101.46	101.46	1.80
DISCCART	595614.00	4171863.00	101.55	101.55	1.80
DISCCART	595634.00	4171863.00	100.20	101.60	1.80
DISCCART	595654.00	4171863.00	97.64	101.68	1.80
DISCCART	595674.00	4171863.00	100.92	100.92	1.80
DISCCART	595694.00	4171863.00	99.01	101.10	1.80
DISCCART	595714.00	4171863.00	99.23	100.86	1.80
DISCCART	595734.00	4171863.00	99.62	100.86	1.80
DISCCART	595754.00	4171863.00	99.50	99.50	1.80

DISCCART	595774.00	4171863.00	99.38	99.38	1.80
DISCCART	595794.00	4171863.00	99.11	99.73	1.80
DISCCART	595814.00	4171863.00	99.19	99.72	1.80
DISCCART	595514.00	4171883.00	100.60	100.60	1.80
DISCCART	595534.00	4171883.00	100.66	100.66	1.80
DISCCART	595554.00	4171883.00	101.08	101.08	1.80
DISCCART	595574.00	4171883.00	101.55	101.55	1.80
DISCCART	595594.00	4171883.00	101.55	101.55	1.80
DISCCART	595614.00	4171883.00	101.64	101.64	1.80
DISCCART	595634.00	4171883.00	101.55	101.55	1.80
DISCCART	595654.00	4171883.00	100.36	101.37	1.80
DISCCART	595674.00	4171883.00	100.97	100.97	1.80
DISCCART	595694.00	4171883.00	99.19	100.88	1.80
DISCCART	595714.00	4171883.00	98.97	100.86	1.80
DISCCART	595734.00	4171883.00	99.35	99.35	1.80
DISCCART	595754.00	4171883.00	99.53	99.53	1.80
DISCCART	595774.00	4171883.00	99.40	99.40	1.80
DISCCART	595794.00	4171883.00	99.66	99.66	1.80
DISCCART	595814.00	4171883.00	99.07	99.07	1.80
DISCCART	595514.00	4171903.00	101.04	101.04	1.80
DISCCART	595534.00	4171903.00	101.38	101.38	1.80
DISCCART	595554.00	4171903.00	101.30	101.30	1.80
DISCCART	595574.00	4171903.00	100.94	100.94	1.80
DISCCART	595594.00	4171903.00	101.02	101.02	1.80
DISCCART	595614.00	4171903.00	101.05	101.05	1.80
DISCCART	595634.00	4171903.00	101.56	101.56	1.80
DISCCART	595654.00	4171903.00	100.97	100.97	1.80
DISCCART	595674.00	4171903.00	100.79	100.79	1.80
DISCCART	595694.00	4171903.00	100.26	100.26	1.80
DISCCART	595714.00	4171903.00	97.48	100.71	1.80
DISCCART	595734.00	4171903.00	99.33	99.33	1.80
DISCCART	595754.00	4171903.00	98.86	99.66	1.80
DISCCART	595774.00	4171903.00	98.61	98.61	1.80
DISCCART	595794.00	4171903.00	98.62	98.62	1.80
DISCCART	595814.00	4171903.00	98.89	98.89	1.80
DISCCART	595534.00	4171923.00	101.21	101.21	1.80
DISCCART	595554.00	4171923.00	101.31	101.31	1.80
DISCCART	595574.00	4171923.00	101.25	101.25	1.80
DISCCART	595594.00	4171923.00	101.13	101.13	1.80
DISCCART	595614.00	4171923.00	100.94	100.94	1.80
DISCCART	595634.00	4171923.00	100.89	100.89	1.80
DISCCART	595654.00	4171923.00	100.97	100.97	1.80
DISCCART	595674.00	4171923.00	100.68	100.68	1.80
DISCCART	595694.00	4171923.00	100.64	100.64	1.80
DISCCART	595754.00	4171923.00	98.09	100.50	1.80
DISCCART	595774.00	4171923.00	98.36	98.36	1.80
DISCCART	595794.00	4171923.00	98.59	98.59	1.80
DISCCART	595814.00	4171923.00	98.67	98.67	1.80
DISCCART	595534.00	4171943.00	100.87	100.87	1.80
DISCCART	595554.00	4171943.00	101.23	101.23	1.80
DISCCART	595574.00	4171943.00	101.20	101.20	1.80
DISCCART	595594.00	4171943.00	101.19	101.19	1.80
DISCCART	595614.00	4171943.00	101.09	101.09	1.80
DISCCART	595634.00	4171943.00	100.97	100.97	1.80
DISCCART	595654.00	4171943.00	100.92	100.92	1.80
DISCCART	595674.00	4171943.00	100.66	100.66	1.80
DISCCART	595694.00	4171943.00	100.51	100.51	1.80
DISCCART	595554.00	4171963.00	100.97	100.97	1.80
DISCCART	595574.00	4171963.00	101.11	101.11	1.80
DISCCART	595594.00	4171963.00	101.05	101.05	1.80
DISCCART	595614.00	4171963.00	101.02	101.02	1.80
DISCCART	595634.00	4171963.00	100.84	100.84	1.80
DISCCART	595654.00	4171963.00	100.92	100.92	1.80
DISCCART	595674.00	4171963.00	100.84	100.84	1.80

DISCCART	595574.00	4171983.00	100.92	100.92	1.80
DISCCART	595074.00	4172423.00	101.37	101.37	1.80
DISCCART	595094.00	4172423.00	101.32	101.32	1.80
DISCCART	595074.00	4172443.00	101.51	101.51	1.80
DISCCART	595094.00	4172443.00	101.39	101.39	1.80
DISCCART	595114.00	4172443.00	101.38	101.38	1.80
DISCCART	595134.00	4172443.00	101.30	101.30	1.80
DISCCART	595054.00	4172463.00	101.45	101.45	1.80
DISCCART	595074.00	4172463.00	101.44	101.44	1.80
DISCCART	595094.00	4172463.00	101.45	101.45	1.80
DISCCART	595114.00	4172463.00	101.44	101.44	1.80
DISCCART	595054.00	4172483.00	102.88	103.72	1.80
DISCCART	595074.00	4172483.00	101.50	103.72	1.80
DISCCART	595094.00	4172483.00	101.42	101.42	1.80
DISCCART	595114.00	4172483.00	101.42	101.42	1.80
DISCCART	595034.00	4172503.00	101.51	101.51	1.80
DISCCART	595054.00	4172503.00	101.99	103.72	1.80
DISCCART	595074.00	4172503.00	101.81	101.81	1.80
DISCCART	595094.00	4172503.00	101.61	101.61	1.80
DISCCART	595114.00	4172503.00	101.25	101.25	1.80
DISCCART	595034.00	4172523.00	101.52	101.52	1.80
DISCCART	595054.00	4172523.00	101.41	101.41	1.80
DISCCART	595074.00	4172523.00	101.32	101.32	1.80
DISCCART	595094.00	4172523.00	101.69	101.69	1.80
DISCCART	595034.00	4172543.00	101.56	101.56	1.80
DISCCART	595054.00	4172543.00	101.38	101.38	1.80
DISCCART	595074.00	4172543.00	101.42	101.42	1.80
DISCCART	595094.00	4172543.00	101.27	101.27	1.80
DISCCART	595014.00	4172563.00	101.40	101.40	1.80
DISCCART	595034.00	4172563.00	101.46	101.46	1.80
DISCCART	595054.00	4172563.00	101.48	101.48	1.80
DISCCART	595074.00	4172563.00	101.58	101.58	1.80
DISCCART	595094.00	4172563.00	101.36	101.36	1.80
DISCCART	595014.00	4172583.00	101.37	101.37	1.80
DISCCART	595034.00	4172583.00	101.56	101.56	1.80
DISCCART	595054.00	4172583.00	101.50	101.50	1.80
DISCCART	595074.00	4172583.00	101.60	101.60	1.80
DISCCART	595034.00	4172603.00	101.28	101.28	1.80
DISCCART	595054.00	4172603.00	101.45	101.45	1.80
DISCCART	595074.00	4172603.00	101.45	101.45	1.80
DISCCART	595534.00	4172643.00	100.66	100.66	1.80
DISCCART	595554.00	4172643.00	100.68	100.68	1.80
DISCCART	595574.00	4172643.00	100.98	100.98	1.80
DISCCART	595534.00	4172663.00	100.70	100.70	1.80
DISCCART	595554.00	4172663.00	100.77	100.77	1.80
DISCCART	595574.00	4172663.00	100.96	100.96	1.80
DISCCART	595534.00	4172683.00	100.64	100.64	1.80
DISCCART	595554.00	4172683.00	100.72	100.72	1.80
DISCCART	595574.00	4172683.00	100.77	100.77	1.80
DISCCART	595294.00	4172743.00	99.98	99.98	1.80
DISCCART	595314.00	4172743.00	100.38	100.38	1.80
DISCCART	595334.00	4172743.00	100.45	100.45	1.80
DISCCART	595534.00	4172743.00	100.34	100.34	1.80
DISCCART	595294.00	4172763.00	99.71	99.71	1.80
DISCCART	595314.00	4172763.00	100.29	100.29	1.80
DISCCART	595334.00	4172763.00	100.28	100.28	1.80
DISCCART	595354.00	4172763.00	99.74	99.74	1.80
DISCCART	595374.00	4172763.00	100.40	100.40	1.80
DISCCART	595534.00	4172763.00	100.36	100.36	1.80
DISCCART	595554.00	4172763.00	100.48	100.48	1.80
DISCCART	595574.00	4172763.00	100.45	100.45	1.80
DISCCART	594934.00	4172783.00	101.40	101.40	1.80
DISCCART	594954.00	4172783.00	102.11	102.11	1.80
DISCCART	594974.00	4172783.00	102.15	102.15	1.80

DISCCART	595274.00	4172783.00	99.65	99.65	1.80
DISCCART	595354.00	4172783.00	100.44	100.44	1.80
DISCCART	595374.00	4172783.00	100.72	100.72	1.80
DISCCART	595394.00	4172783.00	100.71	100.71	1.80
DISCCART	595414.00	4172783.00	100.60	100.60	1.80
DISCCART	595434.00	4172783.00	100.41	100.41	1.80
DISCCART	595514.00	4172783.00	100.26	100.26	1.80
DISCCART	595534.00	4172783.00	100.31	100.31	1.80
DISCCART	595554.00	4172783.00	100.43	100.43	1.80
DISCCART	595574.00	4172783.00	100.28	100.28	1.80
DISCCART	595594.00	4172783.00	100.51	100.51	1.80
DISCCART	595614.00	4172783.00	100.48	100.48	1.80
DISCCART	595634.00	4172783.00	100.67	100.67	1.80
DISCCART	594894.00	4172803.00	102.16	102.16	1.80
DISCCART	594914.00	4172803.00	102.17	102.17	1.80
DISCCART	594934.00	4172803.00	101.92	101.92	1.80
DISCCART	594954.00	4172803.00	102.04	102.04	1.80
DISCCART	594974.00	4172803.00	101.95	101.95	1.80
DISCCART	595274.00	4172803.00	100.01	100.01	1.80
DISCCART	595294.00	4172803.00	100.30	100.30	1.80
DISCCART	595314.00	4172803.00	100.11	100.11	1.80
DISCCART	595354.00	4172803.00	100.25	100.25	1.80
DISCCART	595374.00	4172803.00	100.60	100.60	1.80
DISCCART	595394.00	4172803.00	100.74	100.74	1.80
DISCCART	595414.00	4172803.00	100.67	100.67	1.80
DISCCART	595434.00	4172803.00	100.70	100.70	1.80
DISCCART	595454.00	4172803.00	100.69	100.69	1.80
DISCCART	595474.00	4172803.00	100.41	100.41	1.80
DISCCART	595534.00	4172803.00	100.13	100.13	1.80
DISCCART	595554.00	4172803.00	100.34	100.34	1.80
DISCCART	595574.00	4172803.00	100.23	100.23	1.80
DISCCART	595594.00	4172803.00	100.53	100.53	1.80
DISCCART	595614.00	4172803.00	100.44	100.44	1.80
DISCCART	595634.00	4172803.00	100.46	100.46	1.80
DISCCART	595654.00	4172803.00	100.59	100.59	1.80
DISCCART	595674.00	4172803.00	100.79	100.79	1.80
DISCCART	594874.00	4172823.00	102.62	102.62	1.80
DISCCART	594894.00	4172823.00	102.35	102.35	1.80
DISCCART	594914.00	4172823.00	102.14	102.14	1.80
DISCCART	594934.00	4172823.00	102.01	102.01	1.80
DISCCART	594954.00	4172823.00	102.05	102.05	1.80
DISCCART	595254.00	4172823.00	100.08	100.08	1.80
DISCCART	595274.00	4172823.00	100.22	100.22	1.80
DISCCART	595294.00	4172823.00	100.30	100.30	1.80
DISCCART	595334.00	4172823.00	100.00	100.00	1.80
DISCCART	595354.00	4172823.00	100.37	100.37	1.80
DISCCART	595374.00	4172823.00	100.34	100.34	1.80
DISCCART	595394.00	4172823.00	100.54	100.54	1.80
DISCCART	595414.00	4172823.00	100.72	100.72	1.80
DISCCART	595434.00	4172823.00	100.70	100.70	1.80
DISCCART	595454.00	4172823.00	100.70	100.70	1.80
DISCCART	595474.00	4172823.00	100.76	100.76	1.80
DISCCART	595494.00	4172823.00	100.60	100.60	1.80
DISCCART	595514.00	4172823.00	100.46	100.46	1.80
DISCCART	595534.00	4172823.00	100.26	100.26	1.80
DISCCART	595574.00	4172823.00	100.11	100.11	1.80
DISCCART	595594.00	4172823.00	100.30	100.30	1.80
DISCCART	595614.00	4172823.00	100.30	100.30	1.80
DISCCART	595634.00	4172823.00	100.44	100.44	1.80
DISCCART	595654.00	4172823.00	100.49	100.49	1.80
DISCCART	595674.00	4172823.00	100.62	103.26	1.80
DISCCART	594874.00	4172843.00	102.26	102.26	1.80
DISCCART	594894.00	4172843.00	102.58	102.58	1.80
DISCCART	594914.00	4172843.00	102.24	102.24	1.80

DISCCART	594934.00	4172843.00	102.03	102.03	1.80
DISCCART	594954.00	4172843.00	102.09	102.09	1.80
DISCCART	595254.00	4172843.00	100.26	100.26	1.80
DISCCART	595274.00	4172843.00	100.08	100.08	1.80
DISCCART	595294.00	4172843.00	100.10	100.10	1.80
DISCCART	595334.00	4172843.00	100.21	100.21	1.80
DISCCART	595354.00	4172843.00	100.33	100.33	1.80
DISCCART	595374.00	4172843.00	100.38	100.38	1.80
DISCCART	595394.00	4172843.00	100.49	100.49	1.80
DISCCART	595414.00	4172843.00	100.47	100.47	1.80
DISCCART	595434.00	4172843.00	100.54	100.54	1.80
DISCCART	595454.00	4172843.00	100.52	100.52	1.80
DISCCART	595474.00	4172843.00	100.76	100.76	1.80
DISCCART	595494.00	4172843.00	100.63	100.63	1.80
DISCCART	595514.00	4172843.00	100.50	100.50	1.80
DISCCART	595534.00	4172843.00	100.56	100.56	1.80
DISCCART	595554.00	4172843.00	100.48	100.48	1.80
DISCCART	595574.00	4172843.00	100.20	100.20	1.80
DISCCART	595634.00	4172843.00	100.47	100.47	1.80
DISCCART	595654.00	4172843.00	100.55	100.55	1.80
DISCCART	595674.00	4172843.00	100.74	103.38	1.80
DISCCART	594854.00	4172863.00	102.28	102.28	1.80
DISCCART	594874.00	4172863.00	102.02	102.02	1.80
DISCCART	594894.00	4172863.00	102.50	102.50	1.80
DISCCART	594914.00	4172863.00	102.54	102.54	1.80
DISCCART	594934.00	4172863.00	102.11	102.11	1.80
DISCCART	595234.00	4172863.00	100.45	100.45	1.80
DISCCART	595254.00	4172863.00	100.52	100.52	1.80
DISCCART	595274.00	4172863.00	100.51	100.51	1.80
DISCCART	595294.00	4172863.00	99.89	99.89	1.80
DISCCART	595314.00	4172863.00	99.89	99.89	1.80
DISCCART	595334.00	4172863.00	100.11	100.11	1.80
DISCCART	595354.00	4172863.00	100.36	100.36	1.80
DISCCART	595374.00	4172863.00	100.26	100.26	1.80
DISCCART	595394.00	4172863.00	100.54	100.54	1.80
DISCCART	595414.00	4172863.00	100.48	100.48	1.80
DISCCART	595434.00	4172863.00	100.43	100.43	1.80
DISCCART	595454.00	4172863.00	100.19	100.19	1.80
DISCCART	595474.00	4172863.00	100.32	100.32	1.80
DISCCART	595494.00	4172863.00	100.36	100.36	1.80
DISCCART	595514.00	4172863.00	100.45	100.45	1.80
DISCCART	595534.00	4172863.00	100.66	100.66	1.80
DISCCART	595554.00	4172863.00	100.59	100.59	1.80
DISCCART	595574.00	4172863.00	100.11	100.11	1.80
DISCCART	595594.00	4172863.00	99.98	99.98	1.80
DISCCART	595614.00	4172863.00	99.80	99.80	1.80
DISCCART	594854.00	4172883.00	102.58	102.58	1.80
DISCCART	594874.00	4172883.00	102.60	102.60	1.80
DISCCART	594894.00	4172883.00	102.69	102.69	1.80
DISCCART	594914.00	4172883.00	102.66	102.66	1.80
DISCCART	595234.00	4172883.00	100.47	100.47	1.80
DISCCART	595254.00	4172883.00	100.54	100.54	1.80
DISCCART	595274.00	4172883.00	100.54	100.54	1.80
DISCCART	595294.00	4172883.00	100.20	100.20	1.80
DISCCART	595314.00	4172883.00	100.36	100.36	1.80
DISCCART	595334.00	4172883.00	100.08	100.08	1.80
DISCCART	595374.00	4172883.00	99.88	99.88	1.80
DISCCART	595394.00	4172883.00	100.28	100.28	1.80
DISCCART	595414.00	4172883.00	100.34	100.34	1.80
DISCCART	595434.00	4172883.00	100.04	100.04	1.80
DISCCART	595454.00	4172883.00	100.23	100.23	1.80
DISCCART	595474.00	4172883.00	100.21	100.21	1.80
DISCCART	595494.00	4172883.00	100.31	100.31	1.80
DISCCART	595514.00	4172883.00	100.17	100.17	1.80

DISCCART	595534.00	4172883.00	100.31	100.31	1.80
DISCCART	595554.00	4172883.00	100.20	100.20	1.80
DISCCART	595574.00	4172883.00	99.94	99.94	1.80
DISCCART	595594.00	4172883.00	100.18	100.18	1.80
DISCCART	595614.00	4172883.00	100.32	100.32	1.80
DISCCART	595634.00	4172883.00	100.41	100.41	1.80
DISCCART	595654.00	4172883.00	100.41	103.37	1.80
DISCCART	594854.00	4172903.00	102.65	102.65	1.80
DISCCART	594874.00	4172903.00	102.65	102.65	1.80
DISCCART	594894.00	4172903.00	102.74	102.74	1.80
DISCCART	594914.00	4172903.00	102.69	102.69	1.80
DISCCART	595234.00	4172903.00	100.47	100.47	1.80
DISCCART	595254.00	4172903.00	100.53	100.53	1.80
DISCCART	595274.00	4172903.00	100.45	100.45	1.80
DISCCART	595294.00	4172903.00	100.31	100.31	1.80
DISCCART	595314.00	4172903.00	100.46	100.46	1.80
DISCCART	595334.00	4172903.00	100.21	100.21	1.80
DISCCART	595354.00	4172903.00	100.39	100.39	1.80
DISCCART	595374.00	4172903.00	100.21	100.21	1.80
DISCCART	595414.00	4172903.00	99.79	99.79	1.80
DISCCART	595434.00	4172903.00	99.89	99.89	1.80
DISCCART	595454.00	4172903.00	100.08	100.08	1.80
DISCCART	595474.00	4172903.00	100.22	100.22	1.80
DISCCART	595494.00	4172903.00	100.21	100.21	1.80
DISCCART	595514.00	4172903.00	100.31	100.31	1.80
DISCCART	595534.00	4172903.00	100.36	100.36	1.80
DISCCART	595554.00	4172903.00	100.06	100.06	1.80
DISCCART	595574.00	4172903.00	99.89	99.89	1.80
DISCCART	595594.00	4172903.00	100.29	100.29	1.80
DISCCART	595614.00	4172903.00	100.53	100.53	1.80
DISCCART	595634.00	4172903.00	100.50	100.50	1.80
DISCCART	594854.00	4172923.00	102.77	102.77	1.80
DISCCART	594874.00	4172923.00	102.64	102.64	1.80
DISCCART	594894.00	4172923.00	102.66	102.66	1.80
DISCCART	594914.00	4172923.00	102.49	102.49	1.80
DISCCART	595254.00	4172923.00	100.40	100.40	1.80
DISCCART	595274.00	4172923.00	100.38	100.38	1.80
DISCCART	595294.00	4172923.00	100.46	100.46	1.80
DISCCART	595314.00	4172923.00	100.49	100.49	1.80
DISCCART	595334.00	4172923.00	100.20	100.20	1.80
DISCCART	595354.00	4172923.00	100.48	100.48	1.80
DISCCART	595374.00	4172923.00	100.49	100.49	1.80
DISCCART	595394.00	4172923.00	100.39	100.39	1.80
DISCCART	595414.00	4172923.00	100.14	100.14	1.80
DISCCART	595474.00	4172923.00	99.91	99.91	1.80
DISCCART	595494.00	4172923.00	100.23	100.23	1.80
DISCCART	595514.00	4172923.00	100.34	100.34	1.80
DISCCART	595534.00	4172923.00	100.43	100.43	1.80
DISCCART	595554.00	4172923.00	100.04	100.04	1.80
DISCCART	595574.00	4172923.00	100.11	100.11	1.80
DISCCART	595594.00	4172923.00	100.30	100.30	1.80
DISCCART	595614.00	4172923.00	100.19	100.19	1.80
DISCCART	595634.00	4172923.00	100.40	103.39	1.80
DISCCART	595314.00	4172943.00	100.39	100.39	1.80
DISCCART	595334.00	4172943.00	100.45	100.45	1.80
DISCCART	595354.00	4172943.00	100.45	100.45	1.80
DISCCART	595374.00	4172943.00	100.46	100.46	1.80
DISCCART	595394.00	4172943.00	100.23	100.23	1.80
DISCCART	595414.00	4172943.00	100.25	100.25	1.80
DISCCART	595434.00	4172943.00	100.18	100.18	1.80
DISCCART	595454.00	4172943.00	100.13	100.13	1.80
DISCCART	595514.00	4172943.00	100.03	100.03	1.80
DISCCART	595534.00	4172943.00	100.11	100.11	1.80
DISCCART	595554.00	4172943.00	100.06	100.06	1.80

DISCCART	595574.00	4172943.00	100.35	100.35	1.80
DISCCART	595594.00	4172943.00	100.30	100.30	1.80
DISCCART	595614.00	4172943.00	100.17	100.17	1.80
DISCCART	595634.00	4172943.00	100.44	103.44	1.80
DISCCART	595314.00	4172963.00	100.56	100.56	1.80
DISCCART	595334.00	4172963.00	100.25	100.25	1.80
DISCCART	595354.00	4172963.00	100.32	100.32	1.80
DISCCART	595374.00	4172963.00	100.34	100.34	1.80
DISCCART	595394.00	4172963.00	100.33	100.33	1.80
DISCCART	595414.00	4172963.00	100.34	100.34	1.80
DISCCART	595434.00	4172963.00	100.25	100.25	1.80
DISCCART	595454.00	4172963.00	100.28	100.28	1.80
DISCCART	595474.00	4172963.00	100.51	100.51	1.80
DISCCART	595494.00	4172963.00	100.29	100.29	1.80
DISCCART	595514.00	4172963.00	100.21	100.21	1.80
DISCCART	595554.00	4172963.00	100.17	100.17	1.80
DISCCART	595574.00	4172963.00	100.25	100.25	1.80
DISCCART	595594.00	4172963.00	100.29	100.29	1.80
DISCCART	595614.00	4172963.00	100.18	103.44	1.80
DISCCART	595314.00	4172983.00	100.55	100.55	1.80
DISCCART	595334.00	4172983.00	100.31	100.31	1.80
DISCCART	595354.00	4172983.00	100.27	100.27	1.80
DISCCART	595374.00	4172983.00	100.28	100.28	1.80
DISCCART	595394.00	4172983.00	100.20	100.20	1.80
DISCCART	595414.00	4172983.00	100.26	100.26	1.80
DISCCART	595434.00	4172983.00	100.19	100.19	1.80
DISCCART	595454.00	4172983.00	100.19	100.19	1.80
DISCCART	595474.00	4172983.00	100.46	100.46	1.80
DISCCART	595494.00	4172983.00	100.32	100.32	1.80
DISCCART	595514.00	4172983.00	100.53	100.53	1.80
DISCCART	595534.00	4172983.00	100.46	100.46	1.80
DISCCART	595554.00	4172983.00	100.33	100.33	1.80
DISCCART	595574.00	4172983.00	100.62	100.62	1.80
DISCCART	595594.00	4172983.00	100.58	100.58	1.80
DISCCART	595614.00	4172983.00	100.33	103.43	1.80
DISCCART	595314.00	4173003.00	100.23	100.23	1.80
DISCCART	595334.00	4173003.00	100.48	100.48	1.80
DISCCART	595354.00	4173003.00	100.39	100.39	1.80
DISCCART	595374.00	4173003.00	100.29	100.29	1.80
DISCCART	595394.00	4173003.00	100.31	100.31	1.80
DISCCART	595414.00	4173003.00	100.26	100.26	1.80
DISCCART	595434.00	4173003.00	100.22	100.22	1.80
DISCCART	595454.00	4173003.00	100.15	100.15	1.80
DISCCART	595474.00	4173003.00	100.35	100.35	1.80
DISCCART	595494.00	4173003.00	100.40	100.40	1.80
DISCCART	595514.00	4173003.00	100.52	100.52	1.80
DISCCART	595534.00	4173003.00	100.50	100.50	1.80
DISCCART	595554.00	4173003.00	100.45	100.45	1.80
DISCCART	595574.00	4173003.00	100.80	100.80	1.80
DISCCART	595594.00	4173003.00	100.73	100.73	1.80
DISCCART	595294.00	4173023.00	100.68	100.68	1.80
DISCCART	595314.00	4173023.00	100.70	100.70	1.80
DISCCART	595334.00	4173023.00	100.49	100.49	1.80
DISCCART	595354.00	4173023.00	100.38	100.38	1.80
DISCCART	595374.00	4173023.00	100.33	100.33	1.80
DISCCART	595394.00	4173023.00	100.27	100.27	1.80
DISCCART	595414.00	4173023.00	100.22	100.22	1.80
DISCCART	595434.00	4173023.00	100.42	100.42	1.80
DISCCART	595454.00	4173023.00	100.45	100.45	1.80
DISCCART	595474.00	4173023.00	100.49	100.49	1.80
DISCCART	595494.00	4173023.00	100.41	100.41	1.80
DISCCART	595514.00	4173023.00	100.53	100.53	1.80
DISCCART	595534.00	4173023.00	100.53	100.53	1.80
DISCCART	595554.00	4173023.00	100.59	100.59	1.80

DISCCART	595574.00	4173023.00	100.77	100.77	1.80
DISCCART	595594.00	4173023.00	100.64	103.48	1.80
DISCCART	595294.00	4173043.00	100.56	100.56	1.80
DISCCART	595314.00	4173043.00	100.62	100.62	1.80
DISCCART	595334.00	4173043.00	100.43	100.43	1.80
DISCCART	595354.00	4173043.00	100.37	100.37	1.80
DISCCART	595374.00	4173043.00	100.31	100.31	1.80
DISCCART	595394.00	4173043.00	100.26	100.26	1.80
DISCCART	595414.00	4173043.00	100.40	100.40	1.80
DISCCART	595434.00	4173043.00	100.52	100.52	1.80
DISCCART	595454.00	4173043.00	100.60	100.60	1.80
DISCCART	595474.00	4173043.00	100.68	100.68	1.80
DISCCART	595494.00	4173043.00	100.53	100.53	1.80
DISCCART	595514.00	4173043.00	100.67	100.67	1.80
DISCCART	595534.00	4173043.00	100.82	100.82	1.80
DISCCART	595554.00	4173043.00	100.80	100.80	1.80
DISCCART	595574.00	4173043.00	100.76	100.76	1.80
DISCCART	595294.00	4173063.00	100.51	100.51	1.80
DISCCART	595314.00	4173063.00	100.50	100.50	1.80
DISCCART	595334.00	4173063.00	100.41	100.41	1.80
DISCCART	595354.00	4173063.00	100.35	100.35	1.80
DISCCART	595374.00	4173063.00	100.33	100.33	1.80
DISCCART	595394.00	4173063.00	100.53	100.53	1.80
DISCCART	595414.00	4173063.00	100.71	100.71	1.80
DISCCART	595434.00	4173063.00	100.79	100.79	1.80
DISCCART	595454.00	4173063.00	100.69	100.69	1.80
DISCCART	595474.00	4173063.00	100.66	100.66	1.80
DISCCART	595494.00	4173063.00	100.46	100.46	1.80
DISCCART	595514.00	4173063.00	100.62	100.62	1.80
DISCCART	595534.00	4173063.00	100.90	100.90	1.80
DISCCART	595554.00	4173063.00	100.86	100.86	1.80
DISCCART	595574.00	4173063.00	101.05	101.05	1.80
DISCCART	595354.00	4173083.00	100.42	100.42	1.80
DISCCART	595374.00	4173083.00	100.64	100.64	1.80
DISCCART	595394.00	4173083.00	100.88	100.88	1.80
DISCCART	595414.00	4173083.00	101.03	101.03	1.80
DISCCART	595434.00	4173083.00	101.05	101.05	1.80
DISCCART	595454.00	4173083.00	100.81	100.81	1.80
DISCCART	595474.00	4173083.00	100.59	100.59	1.80
DISCCART	595494.00	4173083.00	100.00	100.00	1.80
DISCCART	595514.00	4173083.00	100.10	101.15	1.80
DISCCART	595534.00	4173083.00	100.98	100.98	1.80
DISCCART	595554.00	4173083.00	100.83	100.83	1.80
DISCCART	595574.00	4173083.00	101.15	101.15	1.80
DISCCART	595334.00	4173103.00	100.68	100.68	1.80
DISCCART	595354.00	4173103.00	100.70	100.70	1.80
DISCCART	595374.00	4173103.00	100.97	100.97	1.80
DISCCART	595394.00	4173103.00	101.23	101.23	1.80
DISCCART	595414.00	4173103.00	101.35	101.35	1.80
DISCCART	595434.00	4173103.00	101.31	101.31	1.80
DISCCART	595454.00	4173103.00	100.90	100.90	1.80
DISCCART	595474.00	4173103.00	100.45	100.45	1.80
DISCCART	595494.00	4173103.00	99.96	99.96	1.80
DISCCART	595514.00	4173103.00	101.04	101.04	1.80
DISCCART	595334.00	4173123.00	101.04	101.04	1.80
DISCCART	595354.00	4173123.00	101.14	101.14	1.80
DISCCART	595374.00	4173123.00	101.35	101.35	1.80
DISCCART	595394.00	4173123.00	101.55	101.55	1.80
DISCCART	595414.00	4173123.00	101.55	101.55	1.80
DISCCART	595434.00	4173123.00	101.41	101.41	1.80
DISCCART	595454.00	4173123.00	100.91	100.91	1.80
DISCCART	595474.00	4173123.00	100.19	100.19	1.80
DISCCART	595494.00	4173123.00	99.99	99.99	1.80
DISCCART	595514.00	4173123.00	101.16	101.16	1.80

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   DISCCART    595354.00   4173143.00  101.45  101.45    1.80
   DISCCART    595374.00   4173143.00  101.56  101.56    1.80
   DISCCART    595394.00   4173143.00  101.52  101.52    1.80
   DISCCART    595414.00   4173143.00  100.68  101.67    1.80
   DISCCART    595434.00   4173143.00  100.68  100.68    1.80
   DISCCART    595494.00   4173143.00  101.03  101.03    1.80
   DISCCART    595354.00   4173163.00  101.34  101.34    1.80
   DISCCART    595374.00   4173163.00  101.54  101.54    1.80
   DISCCART    595394.00   4173163.00  101.61  101.61    1.80
   DISCCART    595414.00   4173163.00  101.03  101.61    1.80
   DISCCART    595434.00   4173163.00  101.09  101.09    1.80
   DISCCART    595374.00   4173183.00  101.54  101.54    1.80
   DISCCART    595394.00   4173183.00  101.69  101.69    1.80
   DISCCART    595414.00   4173183.00  101.66  101.66    1.80
   DISCCART    595434.00   4173183.00  101.62  101.62    1.80
** DESCRREC "Daycare" "Love and Care Christian Preshool"
   DISCCART    595203.12   4172931.43  100.67  100.67    0.50
** DESCRREC "Gym-CSP" "ClubSport Pleasanton"
   DISCCART    595305.29   4173022.49  100.77  100.77    1.80
** DESCRREC "P-School" "Sakura Gakuen School"
   DISCCART    596059.85   4172738.92   99.91   99.91    0.50
** DESCRREC "VVPark" "Val Vista Park (Hockey, Skate, and Water)"
   DISCCART    595782.40   4171913.24   98.53   98.53    1.80
   DISCCART    595790.49   4171877.76   99.65   99.65    1.80
   DISCCART    595826.59   4171700.37  100.23  100.23    1.80
   DISCCART    595857.85   4171568.40  100.14  100.14    1.80
** DESCRREC "Lflght" "Lifelight Gym"
   DISCCART    595427.66   4172811.08  100.71  100.71    1.80
** DESCRREC "CRSFIT" "Crossfit Pleasanton"
   DISCCART    595616.96   4172890.78  100.40  100.40    1.80
** DESCRREC "Vball" "Norcal Volleyball"
   DISCCART    595465.61   4172972.42  100.46  100.46    1.80
** DESCRREC "TPCbball" "TPC Baseball"
   DISCCART    595413.93   4172953.11  100.29  100.29    1.80
** DESCRREC "Onsite" "Oniste Workers in EDZ"
   DISCCART    595207.62   4172857.58  100.54  100.54    1.80
   DISCCART    595229.35   4172793.73  100.13  100.13    1.80
   DISCCART    595251.41   4172717.21  100.32  100.32    1.80
   DISCCART    595276.16   4172654.64  100.20  100.20    1.80
** DESCRREC "RESVV" "Residents in Val Vista Neighborhoood/Stonedale Dr."
   DISCCART    595286.24   4171790.65  100.11  100.11    1.80
   DISCCART    595306.24   4171790.65  100.26  100.26    1.80
   DISCCART    595326.24   4171790.65  100.24  100.24    1.80
   DISCCART    595266.24   4171810.65  100.36  100.36    1.80
   DISCCART    595286.24   4171810.65  100.68  100.68    1.80
   DISCCART    595306.24   4171810.65   99.97   99.97    1.80
   DISCCART    595326.24   4171810.65  100.19  100.19    1.80
   DISCCART    595246.24   4171830.65  100.59  100.59    1.80
   DISCCART    595266.24   4171830.65  100.73  100.73    1.80
   DISCCART    595286.24   4171830.65  100.65  100.65    1.80
   DISCCART    595306.24   4171830.65  100.14  100.14    1.80
   DISCCART    595326.24   4171830.65  100.04  100.04    1.80
   DISCCART    595226.24   4171850.65  101.05  101.05    1.80
   DISCCART    595246.24   4171850.65  100.34  100.34    1.80
   DISCCART    595266.24   4171850.65  100.23  100.23    1.80
   DISCCART    595286.24   4171850.65  100.17  100.17    1.80
   DISCCART    595306.24   4171850.65  100.04  100.04    1.80
   DISCCART    595326.24   4171850.65   99.91   99.91    1.80
   DISCCART    595206.24   4171870.65  100.71  100.71    1.80
   DISCCART    595226.24   4171870.65  100.49  100.49    1.80
   DISCCART    595246.24   4171870.65  100.36  100.36    1.80
   DISCCART    595266.24   4171870.65  100.43  100.43    1.80
   DISCCART    595286.24   4171870.65  100.24  100.24    1.80
   DISCCART    595306.24   4171870.65  100.03  100.03    1.80
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   DISCCART    595186.24   4171890.65  100.62  100.62    1.80
   DISCCART    595206.24   4171890.65  100.56  100.56    1.80
   DISCCART    595226.24   4171890.65  100.56  100.56    1.80
   DISCCART    595246.24   4171890.65  100.42  100.42    1.80
   DISCCART    595266.24   4171890.65  100.37  100.37    1.80
   DISCCART    595286.24   4171890.65  100.16  100.16    1.80
   DISCCART    595306.24   4171890.65   99.95   99.95    1.80
   DISCCART    595186.24   4171910.65  100.75  100.75    1.80
   DISCCART    595206.24   4171910.65  100.77  100.77    1.80
   DISCCART    595226.24   4171910.65  100.62  100.62    1.80
   DISCCART    595246.24   4171910.65  100.36  100.36    1.80
   DISCCART    595266.24   4171910.65  100.13  100.13    1.80
   DISCCART    595286.24   4171910.65  100.18  100.18    1.80
   DISCCART    595306.24   4171910.65   99.82   99.82    1.80
   DISCCART    595166.24   4171930.65  100.92  100.92    1.80
   DISCCART    595186.24   4171930.65  100.86  100.86    1.80
   DISCCART    595206.24   4171930.65  100.62  100.62    1.80
   DISCCART    595226.24   4171930.65  100.67  100.67    1.80
   DISCCART    595246.24   4171930.65  100.18  100.18    1.80
   DISCCART    595266.24   4171930.65  100.13  100.13    1.80
   DISCCART    595286.24   4171930.65  100.02  100.02    1.80
   DISCCART    595166.24   4171950.65  100.84  100.84    1.80
   DISCCART    595186.24   4171950.65  100.89  100.89    1.80
   DISCCART    595206.24   4171950.65  100.76  100.76    1.80
   DISCCART    595226.24   4171950.65  100.90  100.90    1.80
   DISCCART    595246.24   4171950.65  100.36  100.36    1.80
   DISCCART    595266.24   4171950.65  100.14  100.14    1.80
   DISCCART    595286.24   4171950.65   99.77  107.32    1.80
   DISCCART    595146.24   4171970.65  101.29  101.29    1.80
   DISCCART    595166.24   4171970.65  101.33  101.33    1.80
   DISCCART    595186.24   4171970.65  101.08  101.08    1.80
   DISCCART    595206.24   4171970.65  100.90  100.90    1.80
   DISCCART    595226.24   4171970.65  100.83  100.83    1.80
   DISCCART    595246.24   4171970.65  100.10  106.99    1.80
   DISCCART    595266.24   4171970.65   99.89  107.46    1.80
   DISCCART    595146.24   4171990.65  101.35  101.35    1.80
   DISCCART    595166.24   4171990.65  101.30  101.30    1.80
   DISCCART    595186.24   4171990.65  101.06  101.06    1.80
   DISCCART    595206.24   4171990.65  100.90  100.90    1.80
** DESCRREC "RESSE" "Residents Southeast of Project"
   DISCCART    595852.66   4171825.33   99.74   99.74    1.80
   DISCCART    595852.66   4171845.33   99.78   99.78    1.80
   DISCCART    595852.66   4171865.33   99.69   99.69    1.80
   DISCCART    595872.66   4171865.33   99.79   99.79    1.80
   DISCCART    595892.66   4171865.33   99.86   99.86    1.80
   DISCCART    595832.66   4171885.33   99.37   99.37    1.80
   DISCCART    595852.66   4171885.33   99.45   99.45    1.80
   DISCCART    595872.66   4171885.33   99.52   99.52    1.80
   DISCCART    595892.66   4171885.33   99.54   99.54    1.80
   DISCCART    595832.66   4171905.33   99.29   99.29    1.80
   DISCCART    595852.66   4171905.33   99.02   99.02    1.80
   DISCCART    595872.66   4171905.33   98.96   98.96    1.80
   DISCCART    595892.66   4171905.33   99.22   99.22    1.80
   DISCCART    595912.66   4171905.33   99.73   99.73    1.80
   DISCCART    595832.66   4171925.33   99.44   99.44    1.80
   DISCCART    595852.66   4171925.33   99.31   99.31    1.80
   DISCCART    595872.66   4171925.33   99.35   99.35    1.80
   DISCCART    595892.66   4171925.33   99.25   99.25    1.80
   DISCCART    595912.66   4171925.33   99.22   99.22    1.80
   DISCCART    595852.66   4171945.33   98.82   99.52    1.80
   DISCCART    595872.66   4171945.33   99.23   99.23    1.80
   DISCCART    595892.66   4171945.33   99.54   99.54    1.80
   DISCCART    595912.66   4171945.33   99.69   99.69    1.80
   DISCCART    595932.66   4171945.33   99.72   99.72    1.80
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** DESCRREC "RESSAC" "Residents in Stoneride Apartment Community"
   DISCCART    595102.43   4172101.44  101.15  101.15    1.80
   DISCCART    595122.43   4172101.44  101.08  101.08    1.80
   DISCCART    595142.43   4172101.44  100.79  100.79    1.80
   DISCCART    595102.43   4172121.44  101.30  101.30    1.80
   DISCCART    595122.43   4172121.44  101.38  101.38    1.80
   DISCCART    595142.43   4172121.44  101.01  101.01    1.80
   DISCCART    595082.43   4172141.44  101.31  101.31    1.80
   DISCCART    595102.43   4172141.44  101.46  101.46    1.80
   DISCCART    595122.43   4172141.44  101.38  101.38    1.80
   DISCCART    595142.43   4172141.44  101.11  101.11    1.80
   DISCCART    595082.43   4172161.44  101.25  101.25    1.80
   DISCCART    595102.43   4172161.44  101.06  101.06    1.80
   DISCCART    595122.43   4172161.44  101.27  101.27    1.80
   DISCCART    595142.43   4172161.44  101.12  101.12    1.80
   DISCCART    595082.43   4172181.44  101.25  101.25    1.80
   DISCCART    595102.43   4172181.44  101.21  101.21    1.80
   DISCCART    595122.43   4172181.44  101.20  101.20    1.80
   DISCCART    595142.43   4172181.44  101.14  101.14    1.80
   DISCCART    595062.43   4172201.44  101.41  101.41    1.80
   DISCCART    595082.43   4172201.44  101.39  101.39    1.80
   DISCCART    595102.43   4172201.44  101.22  101.22    1.80
   DISCCART    595122.43   4172201.44  101.25  101.25    1.80
   DISCCART    595142.43   4172201.44  101.17  101.17    1.80
   DISCCART    595162.43   4172201.44  101.10  101.10    1.80
   DISCCART    595062.43   4172221.44  101.58  101.58    1.80
   DISCCART    595082.43   4172221.44  101.52  101.52    1.80
   DISCCART    595102.43   4172221.44  101.27  101.27    1.80
   DISCCART    595122.43   4172221.44  101.40  101.40    1.80
   DISCCART    595142.43   4172221.44  101.38  101.38    1.80
   DISCCART    595162.43   4172221.44  101.37  101.37    1.80
   DISCCART    595062.43   4172241.44  101.58  101.58    1.80
   DISCCART    595082.43   4172241.44  101.45  101.45    1.80
   DISCCART    595102.43   4172241.44  101.45  101.45    1.80
   DISCCART    595122.43   4172241.44  101.47  101.47    1.80
   DISCCART    595142.43   4172241.44  101.20  101.20    1.80
   DISCCART    595162.43   4172241.44  100.91  100.91    1.80
   DISCCART    595062.43   4172261.44  101.37  101.37    1.80
   DISCCART    595082.43   4172261.44  101.09  101.09    1.80
   DISCCART    595102.43   4172261.44  101.67  101.67    1.80
   DISCCART    595122.43   4172261.44  101.62  101.62    1.80
   DISCCART    595142.43   4172261.44  101.14  101.14    1.80
   DISCCART    595042.43   4172281.44  101.57  101.57    1.80
   DISCCART    595062.43   4172281.44  101.39  101.39    1.80
   DISCCART    595082.43   4172281.44  101.16  101.16    1.80
   DISCCART    595102.43   4172281.44  101.95  101.95    1.80
   DISCCART    595122.43   4172281.44  101.19  101.19    1.80
   DISCCART    595142.43   4172281.44  101.14  101.14    1.80
   DISCCART    595162.43   4172281.44  101.26  101.26    1.80
   DISCCART    595042.43   4172301.44  101.66  101.66    1.80
   DISCCART    595062.43   4172301.44  101.40  101.40    1.80
   DISCCART    595082.43   4172301.44  101.54  101.54    1.80
   DISCCART    595102.43   4172301.44  101.89  101.89    1.80
   DISCCART    595122.43   4172301.44  101.51  101.51    1.80
   DISCCART    595142.43   4172301.44  101.33  101.33    1.80
   DISCCART    595162.43   4172301.44  101.23  101.23    1.80
   DISCCART    595042.43   4172321.44  101.52  101.52    1.80
   DISCCART    595062.43   4172321.44  101.28  101.28    1.80
   DISCCART    595082.43   4172321.44  102.38  102.38    1.80
   DISCCART    595102.43   4172321.44  101.98  101.98    1.80
   DISCCART    595122.43   4172321.44  101.80  101.80    1.80
   DISCCART    595142.43   4172321.44  101.36  101.36    1.80
   DISCCART    595162.43   4172321.44  101.33  101.33    1.80
   DISCCART    595022.43   4172341.44  101.77  101.77    1.80
```

```
   DISCCART    595042.43   4172341.44  101.48  101.48    1.80
   DISCCART    595062.43   4172341.44  101.33  101.33    1.80
   DISCCART    595082.43   4172341.44  101.46  101.46    1.80
   DISCCART    595102.43   4172341.44  101.69  101.69    1.80
   DISCCART    595122.43   4172341.44  101.89  101.89    1.80
   DISCCART    595142.43   4172341.44  101.43  101.43    1.80
   DISCCART    595162.43   4172341.44  101.34  101.34    1.80
** DESCRREC "Onsite" "Oniste Workers in EDZ"
   DISCCART    595509.20   4172311.10  100.59  100.59    1.80
** DESCRREC "Gym-CSP" "ClubSport Pleasanton"
   DISCCART    595453.66   4172369.33  100.43  100.43    1.80
** DESCRREC "Kungfu" "Kungu Dragon USA"
   DISCCART    595568.33   4173021.18  100.77  100.77    1.80
** DESCRREC "FEDEX" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    595515.00   4172097.00  100.63  100.63    1.80
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
   DISCCART    595271.59   4172931.11  100.47  100.47    1.80
   DISCCART    595259.54   4172956.67  100.53  100.53    1.80
   DISCCART    595229.53   4172979.48  100.99  100.99    1.80
   DISCCART    595158.78   4172948.61  100.21  100.21    1.80
   DISCCART    595424.36   4172061.47   97.49  105.13    1.80
   DISCCART    595637.78   4172033.56  100.72  100.72    1.80
   DISCCART    595497.98   4172569.45  100.51  100.51    1.80
   DISCCART    595440.32   4172695.89  100.43  100.43    1.80
   DISCCART    595531.70   4172736.24  100.51  100.51    1.80
   DISCCART    595503.43   4172797.49   99.90   99.90    1.80
   DISCCART    595293.61   4172706.67  100.17  100.17    1.80
   DISCCART    595216.89   4172907.31  100.39  100.39    1.80
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "Livermore Met Data\724927.SFC"
   PROFFILE "Livermore Met Data\724927.PFL"
   SURFDATA 23285 2009
   UAIRDATA 23230 2009 OAKLAND/WSO_AP
   PROFBASE 119.8 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD Haul C2.AD\PE00G001.PLT 31
   PLOTFILE PERIOD P2 C2.AD\PE00G002.PLT 32
   PLOTFILE PERIOD P2_Idle C2.AD\PE00G003.PLT 33
   PLOTFILE PERIOD ALL C2.AD\PE00GALL.PLT 34
   SUMMFILE C2.sum
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
```

```
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     10
** ZONEINX  0
**
```

A.3.3 Phase 1 Operational Model Input File – PM2.5 Exhaust

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 11/3/2018
** File: U:\AQ and Acoustics\AERMOD\P1\P1.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Phase 1 Operations Annual PM2.5
   MODELOPT CONC FLAT ELEV
   AVERTIME PERIOD
   URBANOPT 83007
   POLLUTID PM_2.5
   FLAGPOLE 1.80
   RUNORNOT RUN
   ERRORFIL P1.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION CSCO_GEN     POINT      595396.140  4172547.450      100.330
** DESCRSRC COSTCO EMERGENCY GENERATOR 1000KW
   LOCATION HOTELGEN     POINT      595476.190  4172275.030      100.200
** DESCRSRC HOTEL EMERGENCY GENERATOR-1000KW
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = FDXTRKIDL
** DESCRSRC FEDEX TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.000731
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595570.678, 4172057.831, 100.21, 3.05, 4.65
** 595579.633, 4172105.932, 100.23, 3.05, 4.65
** ------------------------------------------------------------------------
   LOCATION L0009578     VOLUME   595571.593 4172062.747 100.20
   LOCATION L0009579     VOLUME   595573.423 4172072.578 100.22
   LOCATION L0009580     VOLUME   595575.254 4172082.409 100.29
   LOCATION L0009581     VOLUME   595577.084 4172092.240 100.28
   LOCATION L0009582     VOLUME   595578.914 4172102.071 100.23
** End of LINE VOLUME Source ID = FDXTRKIDL
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = FDXTRKTRU
** DESCRSRC FEDEX TRUCK TRU
```

```
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.00218
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595570.678, 4172057.831, 100.21, 3.05, 4.65
** 595579.633, 4172105.932, 100.23, 3.05, 4.65
** ------------------------------------------------------------------
   LOCATION L0009583     VOLUME   595571.593 4172062.747 100.20
   LOCATION L0009584     VOLUME   595573.423 4172072.578 100.22
   LOCATION L0009585     VOLUME   595575.254 4172082.409 100.29
   LOCATION L0009586     VOLUME   595577.084 4172092.240 100.28
   LOCATION L0009587     VOLUME   595578.914 4172102.071 100.23
** End of LINE VOLUME Source ID = FDXTRKTRU
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CSTRKIDL
** DESCRSRC COSTCO Store DELIVERY TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.0000132
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595481.197, 4172556.173, 100.22, 3.05, 4.65
** 595503.282, 4172498.669, 99.74, 3.05, 4.65
** ------------------------------------------------------------------
   LOCATION L0009588     VOLUME   595482.990 4172551.505 100.22
   LOCATION L0009589     VOLUME   595486.575 4172542.170 100.20
   LOCATION L0009590     VOLUME   595490.160 4172532.835 100.18
   LOCATION L0009591     VOLUME   595493.745 4172523.500 99.89
   LOCATION L0009592     VOLUME   595497.331 4172514.165 99.83
   LOCATION L0009593     VOLUME   595500.916 4172504.829 99.88
** End of LINE VOLUME Source ID = CSTRKIDL
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CSCO_TRU
** DESCRSRC COSTCO Store DELIVERY TRUCK TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.000118
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595481.197, 4172556.173, 100.22, 3.05, 4.65
** 595503.282, 4172498.669, 99.74, 3.05, 4.65
** ------------------------------------------------------------------
   LOCATION L0009594     VOLUME   595482.990 4172551.505 100.22
   LOCATION L0009595     VOLUME   595486.575 4172542.170 100.20
   LOCATION L0009596     VOLUME   595490.160 4172532.835 100.18
   LOCATION L0009597     VOLUME   595493.745 4172523.500 99.89
   LOCATION L0009598     VOLUME   595497.331 4172514.165 99.83
   LOCATION L0009599     VOLUME   595500.916 4172504.829 99.88
** End of LINE VOLUME Source ID = CSCO_TRU
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GSTRKIDL
** DESCRSRC GAS STATION TRUCK IDLING
** PREFIX
** Length of Side = 10.00
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** Configuration = Adjacent
** Emission Rate = 5.87E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595333.163, 4172708.838, 100.60, 3.05, 4.65
** 595345.925, 4172676.224, 100.60, 3.05, 4.65
** ------------------------------------------------------------------
   LOCATION L0009600     VOLUME   595334.985 4172704.182 100.62
   LOCATION L0009601     VOLUME   595338.629 4172694.870 100.53
   LOCATION L0009602     VOLUME   595342.273 4172685.557 100.58
   LOCATION L0009603     VOLUME   595345.917 4172676.245 100.60
** End of LINE VOLUME Source ID = GSTRKIDL
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CSCO EXH
** DESCRSRC COSTCO DELIVERY TRUCK ROUTE EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.0000206
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 18
** 595479.507, 4172570.983, 100.26, 3.05, 6.23
** 595432.358, 4172685.420, 100.10, 3.05, 6.23
** 595296.736, 4172628.065, 100.13, 3.05, 6.23
** 595257.468, 4172608.921, 99.43, 3.05, 6.23
** 595368.466, 4172265.212, 99.01, 3.05, 6.23
** 595386.005, 4172226.467, 99.05, 3.05, 6.23
** 595405.941, 4172207.745, 99.18, 3.05, 6.23
** 595469.075, 4172174.675, 99.65, 3.05, 6.23
** 595511.165, 4172156.136, 99.81, 3.05, 6.23
** 595546.240, 4172150.123, 99.91, 3.05, 6.23
** 595578.809, 4172147.116, 100.20, 3.05, 6.23
** 595616.890, 4172145.613, 100.68, 3.05, 6.23
** 595641.943, 4172143.108, 100.84, 3.05, 6.23
** 595664.992, 4172133.588, 100.80, 3.05, 6.23
** 595681.527, 4172117.554, 100.64, 3.05, 6.23
** 595689.432, 4172095.004, 100.50, 3.05, 6.23
** 595691.133, 4172068.168, 100.44, 3.05, 6.23
** 595689.117, 4172025.418, 100.41, 3.05, 6.23
** ------------------------------------------------------------------
   LOCATION L0009774     VOLUME   595476.955 4172577.178 100.27
   LOCATION L0009775     VOLUME   595471.850 4172589.567 100.28
   LOCATION L0009776     VOLUME   595466.745 4172601.957 100.27
   LOCATION L0009777     VOLUME   595461.641 4172614.347 100.23
   LOCATION L0009778     VOLUME   595456.536 4172626.736 100.20
   LOCATION L0009779     VOLUME   595451.432 4172639.126 100.10
   LOCATION L0009780     VOLUME   595446.327 4172651.516 100.13
   LOCATION L0009781     VOLUME   595441.222 4172663.905 100.10
   LOCATION L0009782     VOLUME   595436.118 4172676.295 100.05
   LOCATION L0009783     VOLUME   595429.106 4172684.045 100.07
   LOCATION L0009784     VOLUME   595416.764 4172678.825 100.01
   LOCATION L0009785     VOLUME   595404.423 4172673.606 100.16
   LOCATION L0009786     VOLUME   595392.081 4172668.387 100.08
   LOCATION L0009787     VOLUME   595379.739 4172663.167 100.00
   LOCATION L0009788     VOLUME   595367.398 4172657.948 100.05
   LOCATION L0009789     VOLUME   595355.056 4172652.729 99.98
   LOCATION L0009790     VOLUME   595342.714 4172647.509 100.16
   LOCATION L0009791     VOLUME   595330.372 4172642.290 100.18
   LOCATION L0009792     VOLUME   595318.031 4172637.071 100.15
   LOCATION L0009793     VOLUME   595305.689 4172631.851 100.20
   LOCATION L0009794     VOLUME   595293.429 4172626.453 100.12
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LOCATION L0009795	VOLUME	595281.384	4172620.580	99.92
LOCATION L0009796	VOLUME	595269.339	4172614.708	99.69
LOCATION L0009797	VOLUME	595257.527	4172608.737	99.74
LOCATION L0009798	VOLUME	595261.645	4172595.985	99.80
LOCATION L0009799	VOLUME	595265.763	4172583.234	99.85
LOCATION L0009800	VOLUME	595269.881	4172570.482	99.84
LOCATION L0009801	VOLUME	595273.999	4172557.731	99.84
LOCATION L0009802	VOLUME	595278.117	4172544.979	99.81
LOCATION L0009803	VOLUME	595282.235	4172532.228	99.77
LOCATION L0009804	VOLUME	595286.353	4172519.476	99.75
LOCATION L0009805	VOLUME	595290.471	4172506.725	99.67
LOCATION L0009806	VOLUME	595294.590	4172493.973	99.67
LOCATION L0009807	VOLUME	595298.708	4172481.221	99.67
LOCATION L0009808	VOLUME	595302.826	4172468.470	99.62
LOCATION L0009809	VOLUME	595306.944	4172455.718	99.66
LOCATION L0009810	VOLUME	595311.062	4172442.967	99.67
LOCATION L0009811	VOLUME	595315.180	4172430.215	99.71
LOCATION L0009812	VOLUME	595319.298	4172417.464	99.66
LOCATION L0009813	VOLUME	595323.416	4172404.712	99.57
LOCATION L0009814	VOLUME	595327.534	4172391.961	99.51
LOCATION L0009815	VOLUME	595331.652	4172379.209	99.42
LOCATION L0009816	VOLUME	595335.770	4172366.458	99.38
LOCATION L0009817	VOLUME	595339.888	4172353.706	99.46
LOCATION L0009818	VOLUME	595344.006	4172340.954	99.45
LOCATION L0009819	VOLUME	595348.124	4172328.203	99.45
LOCATION L0009820	VOLUME	595352.242	4172315.451	99.35
LOCATION L0009821	VOLUME	595356.360	4172302.700	99.30
LOCATION L0009822	VOLUME	595360.478	4172289.948	99.18
LOCATION L0009823	VOLUME	595364.596	4172277.197	99.13
LOCATION L0009824	VOLUME	595368.798	4172264.478	99.02
LOCATION L0009825	VOLUME	595374.324	4172252.270	99.00
LOCATION L0009826	VOLUME	595379.850	4172240.063	99.00
LOCATION L0009827	VOLUME	595385.377	4172227.855	99.02
LOCATION L0009828	VOLUME	595394.662	4172218.337	99.10
LOCATION L0009829	VOLUME	595404.430	4172209.164	99.15
LOCATION L0009830	VOLUME	595415.975	4172202.489	99.24
LOCATION L0009831	VOLUME	595427.845	4172196.271	99.30
LOCATION L0009832	VOLUME	595439.715	4172190.054	99.38
LOCATION L0009833	VOLUME	595451.585	4172183.836	99.48
LOCATION L0009834	VOLUME	595463.456	4172177.618	99.57
LOCATION L0009835	VOLUME	595475.533	4172171.831	99.65
LOCATION L0009836	VOLUME	595487.796	4172166.429	99.68
LOCATION L0009837	VOLUME	595500.059	4172161.028	99.74
LOCATION L0009838	VOLUME	595512.411	4172155.922	99.78
LOCATION L0009839	VOLUME	595525.619	4172153.658	99.87
LOCATION L0009840	VOLUME	595538.826	4172151.394	99.88
LOCATION L0009841	VOLUME	595552.093	4172149.583	99.96
LOCATION L0009842	VOLUME	595565.436	4172148.351	100.06
LOCATION L0009843	VOLUME	595578.779	4172147.119	100.23
LOCATION L0009844	VOLUME	595592.169	4172146.589	100.35
LOCATION L0009845	VOLUME	595605.558	4172146.060	100.57
LOCATION L0009846	VOLUME	595618.939	4172145.408	100.73
LOCATION L0009847	VOLUME	595632.273	4172144.075	100.79
LOCATION L0009848	VOLUME	595645.346	4172141.703	100.83
LOCATION L0009849	VOLUME	595657.731	4172136.587	100.80
LOCATION L0009850	VOLUME	595668.972	4172129.729	100.78
LOCATION L0009851	VOLUME	595678.592	4172120.400	100.71
LOCATION L0009852	VOLUME	595684.607	4172108.767	100.58
LOCATION L0009853	VOLUME	595689.040	4172096.121	100.50
LOCATION L0009854	VOLUME	595690.205	4172082.812	100.43
LOCATION L0009855	VOLUME	595691.052	4172069.439	100.40
LOCATION L0009856	VOLUME	595690.562	4172056.055	100.35
LOCATION L0009857	VOLUME	595689.931	4172042.670	100.25
LOCATION L0009858	VOLUME	595689.299	4172029.285	100.26

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** End of LINE VOLUME Source ID = CSCO_EXH
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GAS_EXH
** DESCRSRC GAS STATION DELIVERY TRUCK ROUTE EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 9.15E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 18
** 595479.507, 4172570.983, 100.26, 3.05, 6.23
** 595432.358, 4172685.420, 100.10, 3.05, 6.23
** 595296.736, 4172628.065, 100.13, 3.05, 6.23
** 595257.468, 4172608.921, 99.43, 3.05, 6.23
** 595368.466, 4172265.212, 99.01, 3.05, 6.23
** 595386.005, 4172226.467, 99.05, 3.05, 6.23
** 595405.941, 4172207.745, 99.18, 3.05, 6.23
** 595469.075, 4172174.675, 99.65, 3.05, 6.23
** 595511.165, 4172156.136, 99.81, 3.05, 6.23
** 595546.240, 4172150.123, 99.91, 3.05, 6.23
** 595578.809, 4172147.116, 100.20, 3.05, 6.23
** 595616.890, 4172145.613, 100.68, 3.05, 6.23
** 595641.943, 4172143.108, 100.84, 3.05, 6.23
** 595664.992, 4172133.588, 100.80, 3.05, 6.23
** 595681.527, 4172117.554, 100.64, 3.05, 6.23
** 595689.432, 4172095.004, 100.50, 3.05, 6.23
** 595691.133, 4172068.168, 100.44, 3.05, 6.23
** 595689.117, 4172025.418, 100.41, 3.05, 6.23
** ----------------------------------------------------------------------
   LOCATION L0009944     VOLUME   595476.955 4172577.178 100.27
   LOCATION L0009945     VOLUME   595471.850 4172589.567 100.28
   LOCATION L0009946     VOLUME   595466.745 4172601.957 100.27
   LOCATION L0009947     VOLUME   595461.641 4172614.347 100.23
   LOCATION L0009948     VOLUME   595456.536 4172626.736 100.20
   LOCATION L0009949     VOLUME   595451.432 4172639.126 100.10
   LOCATION L0009950     VOLUME   595446.327 4172651.516 100.13
   LOCATION L0009951     VOLUME   595441.222 4172663.905 100.10
   LOCATION L0009952     VOLUME   595436.118 4172676.295 100.05
   LOCATION L0009953     VOLUME   595429.106 4172684.045 100.07
   LOCATION L0009954     VOLUME   595416.764 4172678.825 100.01
   LOCATION L0009955     VOLUME   595404.423 4172673.606 100.16
   LOCATION L0009956     VOLUME   595392.081 4172668.387 100.08
   LOCATION L0009957     VOLUME   595379.739 4172663.167 100.00
   LOCATION L0009958     VOLUME   595367.398 4172657.948 100.05
   LOCATION L0009959     VOLUME   595355.056 4172652.729 99.98
   LOCATION L0009960     VOLUME   595342.714 4172647.509 100.16
   LOCATION L0009961     VOLUME   595330.372 4172642.290 100.18
   LOCATION L0009962     VOLUME   595318.031 4172637.071 100.15
   LOCATION L0009963     VOLUME   595305.689 4172631.851 100.20
   LOCATION L0009964     VOLUME   595293.429 4172626.453 100.12
   LOCATION L0009965     VOLUME   595281.384 4172620.580 99.92
   LOCATION L0009966     VOLUME   595269.339 4172614.708 99.69
   LOCATION L0009967     VOLUME   595257.527 4172608.737 99.74
   LOCATION L0009968     VOLUME   595261.645 4172595.985 99.80
   LOCATION L0009969     VOLUME   595265.763 4172583.234 99.85
   LOCATION L0009970     VOLUME   595269.881 4172570.482 99.84
   LOCATION L0009971     VOLUME   595273.999 4172557.731 99.84
   LOCATION L0009972     VOLUME   595278.117 4172544.979 99.81
   LOCATION L0009973     VOLUME   595282.235 4172532.228 99.77
   LOCATION L0009974     VOLUME   595286.353 4172519.476 99.75
   LOCATION L0009975     VOLUME   595290.471 4172506.725 99.67
   LOCATION L0009976     VOLUME   595294.590 4172493.973 99.67
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   LOCATION L0009977     VOLUME   595298.708 4172481.221 99.67
   LOCATION L0009978     VOLUME   595302.826 4172468.470 99.62
   LOCATION L0009979     VOLUME   595306.944 4172455.718 99.66
   LOCATION L0009980     VOLUME   595311.062 4172442.967 99.67
   LOCATION L0009981     VOLUME   595315.180 4172430.215 99.71
   LOCATION L0009982     VOLUME   595319.298 4172417.464 99.66
   LOCATION L0009983     VOLUME   595323.416 4172404.712 99.57
   LOCATION L0009984     VOLUME   595327.534 4172391.961 99.51
   LOCATION L0009985     VOLUME   595331.652 4172379.209 99.42
   LOCATION L0009986     VOLUME   595335.770 4172366.458 99.38
   LOCATION L0009987     VOLUME   595339.888 4172353.706 99.46
   LOCATION L0009988     VOLUME   595344.006 4172340.954 99.45
   LOCATION L0009989     VOLUME   595348.124 4172328.203 99.45
   LOCATION L0009990     VOLUME   595352.242 4172315.451 99.35
   LOCATION L0009991     VOLUME   595356.360 4172302.700 99.30
   LOCATION L0009992     VOLUME   595360.478 4172289.948 99.18
   LOCATION L0009993     VOLUME   595364.596 4172277.197 99.13
   LOCATION L0009994     VOLUME   595368.798 4172264.478 99.02
   LOCATION L0009995     VOLUME   595374.324 4172252.270 99.00
   LOCATION L0009996     VOLUME   595379.850 4172240.063 99.00
   LOCATION L0009997     VOLUME   595385.377 4172227.855 99.02
   LOCATION L0009998     VOLUME   595394.662 4172218.337 99.10
   LOCATION L0009999     VOLUME   595404.430 4172209.164 99.15
   LOCATION L0010000     VOLUME   595415.975 4172202.489 99.24
   LOCATION L0010001     VOLUME   595427.845 4172196.271 99.30
   LOCATION L0010002     VOLUME   595439.715 4172190.054 99.38
   LOCATION L0010003     VOLUME   595451.585 4172183.836 99.48
   LOCATION L0010004     VOLUME   595463.456 4172177.618 99.57
   LOCATION L0010005     VOLUME   595475.533 4172171.831 99.65
   LOCATION L0010006     VOLUME   595487.796 4172166.429 99.68
   LOCATION L0010007     VOLUME   595500.059 4172161.028 99.74
   LOCATION L0010008     VOLUME   595512.411 4172155.922 99.78
   LOCATION L0010009     VOLUME   595525.619 4172153.658 99.87
   LOCATION L0010010     VOLUME   595538.826 4172151.394 99.88
   LOCATION L0010011     VOLUME   595552.093 4172149.583 99.96
   LOCATION L0010012     VOLUME   595565.436 4172148.351 100.06
   LOCATION L0010013     VOLUME   595578.779 4172147.119 100.23
   LOCATION L0010014     VOLUME   595592.169 4172146.589 100.35
   LOCATION L0010015     VOLUME   595605.558 4172146.060 100.57
   LOCATION L0010016     VOLUME   595618.939 4172145.408 100.73
   LOCATION L0010017     VOLUME   595632.273 4172144.075 100.79
   LOCATION L0010018     VOLUME   595645.346 4172141.703 100.83
   LOCATION L0010019     VOLUME   595657.731 4172136.587 100.80
   LOCATION L0010020     VOLUME   595668.972 4172129.729 100.78
   LOCATION L0010021     VOLUME   595678.592 4172120.400 100.71
   LOCATION L0010022     VOLUME   595684.607 4172108.767 100.58
   LOCATION L0010023     VOLUME   595689.040 4172096.121 100.50
   LOCATION L0010024     VOLUME   595690.205 4172082.812 100.43
   LOCATION L0010025     VOLUME   595691.052 4172069.439 100.40
   LOCATION L0010026     VOLUME   595690.562 4172056.055 100.35
   LOCATION L0010027     VOLUME   595689.931 4172042.670 100.25
   LOCATION L0010028     VOLUME   595689.299 4172029.285 100.26
** End of LINE VOLUME Source ID = GAS_EXH
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HOTL_EXH
** DESCRSRC Hotel-Retail Onroad Truck Route
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 5.95E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 13
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** 595689.117, 4172025.418, 100.41, 3.05, 6.23
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   LOCATION L0010029     VOLUME   595390.889 4172221.880 99.11
   LOCATION L0010030     VOLUME   595400.657 4172212.707 99.18
   LOCATION L0010031     VOLUME   595411.390 4172204.891 99.21
   LOCATION L0010032     VOLUME   595423.260 4172198.673 99.21
   LOCATION L0010033     VOLUME   595435.130 4172192.455 99.37
   LOCATION L0010034     VOLUME   595447.000 4172186.238 99.43
   LOCATION L0010035     VOLUME   595458.871 4172180.020 99.53
   LOCATION L0010036     VOLUME   595470.796 4172173.917 99.64
   LOCATION L0010037     VOLUME   595483.059 4172168.516 99.66
   LOCATION L0010038     VOLUME   595495.322 4172163.114 99.72
   LOCATION L0010039     VOLUME   595507.585 4172157.713 99.76
   LOCATION L0010040     VOLUME   595520.517 4172154.533 99.84
   LOCATION L0010041     VOLUME   595533.724 4172152.269 99.87
   LOCATION L0010042     VOLUME   595546.939 4172150.058 99.92
   LOCATION L0010043     VOLUME   595560.282 4172148.827 100.02
   LOCATION L0010044     VOLUME   595573.625 4172147.595 100.18
   LOCATION L0010045     VOLUME   595586.997 4172146.793 100.30
   LOCATION L0010046     VOLUME   595600.386 4172146.264 100.48
   LOCATION L0010047     VOLUME   595613.776 4172145.736 100.70
   LOCATION L0010048     VOLUME   595627.123 4172144.590 100.75
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   LOCATION L0010051     VOLUME   595665.256 4172133.332 100.81
   LOCATION L0010052     VOLUME   595674.876 4172124.003 100.73
   LOCATION L0010053     VOLUME   595682.895 4172113.651 100.62
   LOCATION L0010054     VOLUME   595687.328 4172101.006 100.51
   LOCATION L0010055     VOLUME   595689.877 4172087.978 100.46
   LOCATION L0010056     VOLUME   595690.725 4172074.605 100.42
   LOCATION L0010057     VOLUME   595690.806 4172061.226 100.37
   LOCATION L0010058     VOLUME   595690.174 4172047.840 100.29
   LOCATION L0010059     VOLUME   595689.543 4172034.455 100.24
** End of LINE VOLUME Source ID = HOTL_EXH
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CSCO_LD
** DESCRSRC Costco LIGHT DUTY CARS-EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.000366
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 16
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** 595386.005, 4172226.467, 99.05, 2.00, 6.23
** 595405.941, 4172207.745, 99.18, 2.00, 6.23
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** 595689.117, 4172025.418, 100.41, 2.00, 6.23
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   LOCATION L0010610     VOLUME   595176.487 4172865.443 100.01
   LOCATION L0010611     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0010612     VOLUME   595184.555 4172839.887 99.95
   LOCATION L0010613     VOLUME   595188.589 4172827.108 99.92
   LOCATION L0010614     VOLUME   595192.623 4172814.330 99.89
   LOCATION L0010615     VOLUME   595196.657 4172801.552 99.86
   LOCATION L0010616     VOLUME   595200.691 4172788.773 99.83
   LOCATION L0010617     VOLUME   595204.725 4172775.995 99.81
   LOCATION L0010618     VOLUME   595208.759 4172763.216 99.78
   LOCATION L0010619     VOLUME   595212.793 4172750.438 99.75
   LOCATION L0010620     VOLUME   595216.827 4172737.660 99.72
   LOCATION L0010621     VOLUME   595220.861 4172724.881 99.69
   LOCATION L0010622     VOLUME   595224.895 4172712.103 99.66
   LOCATION L0010623     VOLUME   595228.929 4172699.324 99.63
   LOCATION L0010624     VOLUME   595232.963 4172686.546 99.60
   LOCATION L0010625     VOLUME   595236.997 4172673.768 99.58
   LOCATION L0010626     VOLUME   595241.031 4172660.989 99.55
   LOCATION L0010627     VOLUME   595245.065 4172648.211 99.52
   LOCATION L0010628     VOLUME   595249.099 4172635.433 99.49
   LOCATION L0010629     VOLUME   595253.133 4172622.654 99.46
   LOCATION L0010630     VOLUME   595257.167 4172609.876 99.43
   LOCATION L0010631     VOLUME   595261.278 4172597.122 99.42
   LOCATION L0010632     VOLUME   595265.396 4172584.371 99.40
   LOCATION L0010633     VOLUME   595269.514 4172571.619 99.38
   LOCATION L0010634     VOLUME   595273.632 4172558.868 99.37
   LOCATION L0010635     VOLUME   595277.750 4172546.116 99.35
   LOCATION L0010636     VOLUME   595281.868 4172533.365 99.34
   LOCATION L0010637     VOLUME   595285.986 4172520.613 99.32
   LOCATION L0010638     VOLUME   595290.104 4172507.861 99.31
   LOCATION L0010639     VOLUME   595294.222 4172495.110 99.29
   LOCATION L0010640     VOLUME   595298.340 4172482.358 99.28
   LOCATION L0010641     VOLUME   595302.458 4172469.607 99.26
   LOCATION L0010642     VOLUME   595306.576 4172456.855 99.24
   LOCATION L0010643     VOLUME   595310.694 4172444.104 99.23
   LOCATION L0010644     VOLUME   595314.812 4172431.352 99.21
   LOCATION L0010645     VOLUME   595318.930 4172418.601 99.20
   LOCATION L0010646     VOLUME   595323.048 4172405.849 99.18
   LOCATION L0010647     VOLUME   595327.166 4172393.097 99.17
   LOCATION L0010648     VOLUME   595331.284 4172380.346 99.15
   LOCATION L0010649     VOLUME   595335.402 4172367.594 99.14
   LOCATION L0010650     VOLUME   595339.520 4172354.843 99.12
   LOCATION L0010651     VOLUME   595343.638 4172342.091 99.10
   LOCATION L0010652     VOLUME   595347.756 4172329.340 99.09
   LOCATION L0010653     VOLUME   595351.874 4172316.588 99.07
   LOCATION L0010654     VOLUME   595355.992 4172303.837 99.06
   LOCATION L0010655     VOLUME   595360.110 4172291.085 99.04
   LOCATION L0010656     VOLUME   595364.229 4172278.334 99.03
   LOCATION L0010657     VOLUME   595368.347 4172265.582 99.01
   LOCATION L0010658     VOLUME   595373.832 4172253.359 99.02
   LOCATION L0010659     VOLUME   595379.358 4172241.151 99.03
   LOCATION L0010660     VOLUME   595384.884 4172228.944 99.05
   LOCATION L0010661     VOLUME   595393.791 4172219.155 99.10
   LOCATION L0010662     VOLUME   595403.559 4172209.982 99.16
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   LOCATION L0010663     VOLUME   595414.917 4172203.043 99.25
   LOCATION L0010664     VOLUME   595426.787 4172196.826 99.34
   LOCATION L0010665     VOLUME   595438.657 4172190.608 99.42
   LOCATION L0010666     VOLUME   595450.527 4172184.390 99.51
   LOCATION L0010667     VOLUME   595462.397 4172178.173 99.60
   LOCATION L0010668     VOLUME   595474.439 4172172.312 99.67
   LOCATION L0010669     VOLUME   595486.703 4172166.911 99.72
   LOCATION L0010670     VOLUME   595498.966 4172161.509 99.76
   LOCATION L0010671     VOLUME   595511.234 4172156.124 99.81
   LOCATION L0010672     VOLUME   595524.441 4172153.860 99.85
   LOCATION L0010673     VOLUME   595537.648 4172151.596 99.89
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   LOCATION L0010676     VOLUME   595577.590 4172147.229 100.19
   LOCATION L0010677     VOLUME   595590.975 4172146.636 100.35
   LOCATION L0010678     VOLUME   595604.365 4172146.107 100.52
   LOCATION L0010679     VOLUME   595617.751 4172145.527 100.69
   LOCATION L0010680     VOLUME   595631.084 4172144.194 100.77
   LOCATION L0010681     VOLUME   595644.242 4172142.159 100.84
   LOCATION L0010682     VOLUME   595656.627 4172137.043 100.81
   LOCATION L0010683     VOLUME   595668.114 4172130.560 100.77
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   LOCATION L0010685     VOLUME   595684.212 4172109.894 100.59
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   LOCATION L0010687     VOLUME   595690.129 4172084.005 100.48
   LOCATION L0010688     VOLUME   595690.977 4172070.632 100.45
   LOCATION L0010689     VOLUME   595690.618 4172057.249 100.43
   LOCATION L0010690     VOLUME   595689.987 4172043.863 100.42
   LOCATION L0010691     VOLUME   595689.356 4172030.478 100.41
** End of LINE VOLUME Source ID = CSCO_LD
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GAS_LD
** DESCRSRC Gas Station LIGHT DUTY CARS-EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.0000592
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 16
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** 595386.005, 4172226.467, 99.05, 2.00, 6.23
** 595405.941, 4172207.745, 99.18, 2.00, 6.23
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** 595616.890, 4172145.613, 100.68, 2.00, 6.23
** 595641.943, 4172143.108, 100.84, 2.00, 6.23
** 595664.992, 4172133.588, 100.80, 2.00, 6.23
** 595681.527, 4172117.554, 100.64, 2.00, 6.23
** 595689.432, 4172095.004, 100.50, 2.00, 6.23
** 595691.133, 4172068.168, 100.44, 2.00, 6.23
** 595689.117, 4172025.418, 100.41, 2.00, 6.23
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   LOCATION L0010692     VOLUME   595172.453 4172878.222 100.04
   LOCATION L0010693     VOLUME   595176.487 4172865.443 100.01
   LOCATION L0010694     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0010695     VOLUME   595184.555 4172839.887 99.95
   LOCATION L0010696     VOLUME   595188.589 4172827.108 99.92
   LOCATION L0010697     VOLUME   595192.623 4172814.330 99.89
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LOCATION	L0010698	VOLUME	595196.657	4172801.552	99.86
LOCATION	L0010699	VOLUME	595200.691	4172788.773	99.83
LOCATION	L0010700	VOLUME	595204.725	4172775.995	99.81
LOCATION	L0010701	VOLUME	595208.759	4172763.216	99.78
LOCATION	L0010702	VOLUME	595212.793	4172750.438	99.75
LOCATION	L0010703	VOLUME	595216.827	4172737.660	99.72
LOCATION	L0010704	VOLUME	595220.861	4172724.881	99.69
LOCATION	L0010705	VOLUME	595224.895	4172712.103	99.66
LOCATION	L0010706	VOLUME	595228.929	4172699.324	99.63
LOCATION	L0010707	VOLUME	595232.963	4172686.546	99.60
LOCATION	L0010708	VOLUME	595236.997	4172673.768	99.58
LOCATION	L0010709	VOLUME	595241.031	4172660.989	99.55
LOCATION	L0010710	VOLUME	595245.065	4172648.211	99.52
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LOCATION	L0010712	VOLUME	595253.133	4172622.654	99.46
LOCATION	L0010713	VOLUME	595257.167	4172609.876	99.43
LOCATION	L0010714	VOLUME	595261.278	4172597.122	99.42
LOCATION	L0010715	VOLUME	595265.396	4172584.371	99.40
LOCATION	L0010716	VOLUME	595269.514	4172571.619	99.38
LOCATION	L0010717	VOLUME	595273.632	4172558.868	99.37
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LOCATION	L0010719	VOLUME	595281.868	4172533.365	99.34
LOCATION	L0010720	VOLUME	595285.986	4172520.613	99.32
LOCATION	L0010721	VOLUME	595290.104	4172507.861	99.31
LOCATION	L0010722	VOLUME	595294.222	4172495.110	99.29
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LOCATION	L0010725	VOLUME	595306.576	4172456.855	99.24
LOCATION	L0010726	VOLUME	595310.694	4172444.104	99.23
LOCATION	L0010727	VOLUME	595314.812	4172431.352	99.21
LOCATION	L0010728	VOLUME	595318.930	4172418.601	99.20
LOCATION	L0010729	VOLUME	595323.048	4172405.849	99.18
LOCATION	L0010730	VOLUME	595327.166	4172393.097	99.17
LOCATION	L0010731	VOLUME	595331.284	4172380.346	99.15
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LOCATION	L0010733	VOLUME	595339.520	4172354.843	99.12
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LOCATION	L0010736	VOLUME	595351.874	4172316.588	99.07
LOCATION	L0010737	VOLUME	595355.992	4172303.837	99.06
LOCATION	L0010738	VOLUME	595360.110	4172291.085	99.04
LOCATION	L0010739	VOLUME	595364.229	4172278.334	99.03
LOCATION	L0010740	VOLUME	595368.347	4172265.582	99.01
LOCATION	L0010741	VOLUME	595373.832	4172253.359	99.02
LOCATION	L0010742	VOLUME	595379.358	4172241.151	99.03
LOCATION	L0010743	VOLUME	595384.884	4172228.944	99.05
LOCATION	L0010744	VOLUME	595393.791	4172219.155	99.10
LOCATION	L0010745	VOLUME	595403.559	4172209.982	99.16
LOCATION	L0010746	VOLUME	595414.917	4172203.043	99.25
LOCATION	L0010747	VOLUME	595426.787	4172196.826	99.34
LOCATION	L0010748	VOLUME	595438.657	4172190.608	99.42
LOCATION	L0010749	VOLUME	595450.527	4172184.390	99.51
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LOCATION	L0010751	VOLUME	595474.439	4172172.312	99.67
LOCATION	L0010752	VOLUME	595486.703	4172166.911	99.72
LOCATION	L0010753	VOLUME	595498.966	4172161.509	99.76
LOCATION	L0010754	VOLUME	595511.234	4172156.124	99.81
LOCATION	L0010755	VOLUME	595524.441	4172153.860	99.85
LOCATION	L0010756	VOLUME	595537.648	4172151.596	99.89
LOCATION	L0010757	VOLUME	595550.903	4172149.692	99.95
LOCATION	L0010758	VOLUME	595564.246	4172148.461	100.07
LOCATION	L0010759	VOLUME	595577.590	4172147.229	100.19
LOCATION	L0010760	VOLUME	595590.975	4172146.636	100.35
LOCATION	L0010761	VOLUME	595604.365	4172146.107	100.52

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   LOCATION L0010762     VOLUME   595617.751 4172145.527 100.69
   LOCATION L0010763     VOLUME   595631.084 4172144.194 100.77
   LOCATION L0010764     VOLUME   595644.242 4172142.159 100.84
   LOCATION L0010765     VOLUME   595656.627 4172137.043 100.81
   LOCATION L0010766     VOLUME   595668.114 4172130.560 100.77
   LOCATION L0010767     VOLUME   595677.734 4172121.232 100.68
   LOCATION L0010768     VOLUME   595684.212 4172109.894 100.59
   LOCATION L0010769     VOLUME   595688.645 4172097.249 100.51
   LOCATION L0010770     VOLUME   595690.129 4172084.005 100.48
   LOCATION L0010771     VOLUME   595690.977 4172070.632 100.45
   LOCATION L0010772     VOLUME   595690.618 4172057.249 100.43
   LOCATION L0010773     VOLUME   595689.987 4172043.863 100.42
   LOCATION L0010774     VOLUME   595689.356 4172030.478 100.41
** End of LINE VOLUME Source ID = GAS_LD
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = RTL1_LD
** DESCRSRC Phase 1 Retail LIGHT DUTY CARS-EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 3.52E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 16
** 595170.436, 4172884.611, 100.05, 2.00, 6.23
** 595257.468, 4172608.921, 99.43, 2.00, 6.23
** 595368.466, 4172265.212, 99.01, 2.00, 6.23
** 595386.005, 4172226.467, 99.05, 2.00, 6.23
** 595405.941, 4172207.745, 99.18, 2.00, 6.23
** 595469.075, 4172174.675, 99.65, 2.00, 6.23
** 595511.165, 4172156.136, 99.81, 2.00, 6.23
** 595546.240, 4172150.123, 99.91, 2.00, 6.23
** 595578.809, 4172147.116, 100.20, 2.00, 6.23
** 595616.890, 4172145.613, 100.68, 2.00, 6.23
** 595641.943, 4172143.108, 100.84, 2.00, 6.23
** 595664.992, 4172133.588, 100.80, 2.00, 6.23
** 595681.527, 4172117.554, 100.64, 2.00, 6.23
** 595689.432, 4172095.004, 100.50, 2.00, 6.23
** 595691.133, 4172068.168, 100.44, 2.00, 6.23
** 595689.117, 4172025.418, 100.41, 2.00, 6.23
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   LOCATION L0010858     VOLUME   595172.453 4172878.222 100.04
   LOCATION L0010859     VOLUME   595176.487 4172865.443 100.01
   LOCATION L0010860     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0010861     VOLUME   595184.555 4172839.887 99.95
   LOCATION L0010862     VOLUME   595188.589 4172827.108 99.92
   LOCATION L0010863     VOLUME   595192.623 4172814.330 99.89
   LOCATION L0010864     VOLUME   595196.657 4172801.552 99.86
   LOCATION L0010865     VOLUME   595200.691 4172788.773 99.83
   LOCATION L0010866     VOLUME   595204.725 4172775.995 99.81
   LOCATION L0010867     VOLUME   595208.759 4172763.216 99.78
   LOCATION L0010868     VOLUME   595212.793 4172750.438 99.75
   LOCATION L0010869     VOLUME   595216.827 4172737.660 99.72
   LOCATION L0010870     VOLUME   595220.861 4172724.881 99.69
   LOCATION L0010871     VOLUME   595224.895 4172712.103 99.66
   LOCATION L0010872     VOLUME   595228.929 4172699.324 99.63
   LOCATION L0010873     VOLUME   595232.963 4172686.546 99.60
   LOCATION L0010874     VOLUME   595236.997 4172673.768 99.58
   LOCATION L0010875     VOLUME   595241.031 4172660.989 99.55
   LOCATION L0010876     VOLUME   595245.065 4172648.211 99.52
   LOCATION L0010877     VOLUME   595249.099 4172635.433 99.49
   LOCATION L0010878     VOLUME   595253.133 4172622.654 99.46
   LOCATION L0010879     VOLUME   595257.167 4172609.876 99.43
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   LOCATION L0010880     VOLUME   595261.278 4172597.122 99.42
   LOCATION L0010881     VOLUME   595265.396 4172584.371 99.40
   LOCATION L0010882     VOLUME   595269.514 4172571.619 99.38
   LOCATION L0010883     VOLUME   595273.632 4172558.868 99.37
   LOCATION L0010884     VOLUME   595277.750 4172546.116 99.35
   LOCATION L0010885     VOLUME   595281.868 4172533.365 99.34
   LOCATION L0010886     VOLUME   595285.986 4172520.613 99.32
   LOCATION L0010887     VOLUME   595290.104 4172507.861 99.31
   LOCATION L0010888     VOLUME   595294.222 4172495.110 99.29
   LOCATION L0010889     VOLUME   595298.340 4172482.358 99.28
   LOCATION L0010890     VOLUME   595302.458 4172469.607 99.26
   LOCATION L0010891     VOLUME   595306.576 4172456.855 99.24
   LOCATION L0010892     VOLUME   595310.694 4172444.104 99.23
   LOCATION L0010893     VOLUME   595314.812 4172431.352 99.21
   LOCATION L0010894     VOLUME   595318.930 4172418.601 99.20
   LOCATION L0010895     VOLUME   595323.048 4172405.849 99.18
   LOCATION L0010896     VOLUME   595327.166 4172393.097 99.17
   LOCATION L0010897     VOLUME   595331.284 4172380.346 99.15
   LOCATION L0010898     VOLUME   595335.402 4172367.594 99.14
   LOCATION L0010899     VOLUME   595339.520 4172354.843 99.12
   LOCATION L0010900     VOLUME   595343.638 4172342.091 99.10
   LOCATION L0010901     VOLUME   595347.756 4172329.340 99.09
   LOCATION L0010902     VOLUME   595351.874 4172316.588 99.07
   LOCATION L0010903     VOLUME   595355.992 4172303.837 99.06
   LOCATION L0010904     VOLUME   595360.110 4172291.085 99.04
   LOCATION L0010905     VOLUME   595364.229 4172278.334 99.03
   LOCATION L0010906     VOLUME   595368.347 4172265.582 99.01
   LOCATION L0010907     VOLUME   595373.832 4172253.359 99.02
   LOCATION L0010908     VOLUME   595379.358 4172241.151 99.03
   LOCATION L0010909     VOLUME   595384.884 4172228.944 99.05
   LOCATION L0010910     VOLUME   595393.791 4172219.155 99.10
   LOCATION L0010911     VOLUME   595403.559 4172209.982 99.16
   LOCATION L0010912     VOLUME   595414.917 4172203.043 99.25
   LOCATION L0010913     VOLUME   595426.787 4172196.826 99.34
   LOCATION L0010914     VOLUME   595438.657 4172190.608 99.42
   LOCATION L0010915     VOLUME   595450.527 4172184.390 99.51
   LOCATION L0010916     VOLUME   595462.397 4172178.173 99.60
   LOCATION L0010917     VOLUME   595474.439 4172172.312 99.67
   LOCATION L0010918     VOLUME   595486.703 4172166.911 99.72
   LOCATION L0010919     VOLUME   595498.966 4172161.509 99.76
   LOCATION L0010920     VOLUME   595511.234 4172156.124 99.81
   LOCATION L0010921     VOLUME   595524.441 4172153.860 99.85
   LOCATION L0010922     VOLUME   595537.648 4172151.596 99.89
   LOCATION L0010923     VOLUME   595550.903 4172149.692 99.95
   LOCATION L0010924     VOLUME   595564.246 4172148.461 100.07
   LOCATION L0010925     VOLUME   595577.590 4172147.229 100.19
   LOCATION L0010926     VOLUME   595590.975 4172146.636 100.35
   LOCATION L0010927     VOLUME   595604.365 4172146.107 100.52
   LOCATION L0010928     VOLUME   595617.751 4172145.527 100.69
   LOCATION L0010929     VOLUME   595631.084 4172144.194 100.77
   LOCATION L0010930     VOLUME   595644.242 4172142.159 100.84
   LOCATION L0010931     VOLUME   595656.627 4172137.043 100.81
   LOCATION L0010932     VOLUME   595668.114 4172130.560 100.77
   LOCATION L0010933     VOLUME   595677.734 4172121.232 100.68
   LOCATION L0010934     VOLUME   595684.212 4172109.894 100.59
   LOCATION L0010935     VOLUME   595688.645 4172097.249 100.51
   LOCATION L0010936     VOLUME   595690.129 4172084.005 100.48
   LOCATION L0010937     VOLUME   595690.977 4172070.632 100.45
   LOCATION L0010938     VOLUME   595690.618 4172057.249 100.43
   LOCATION L0010939     VOLUME   595689.987 4172043.863 100.42
   LOCATION L0010940     VOLUME   595689.356 4172030.478 100.41
** End of LINE VOLUME Source ID = RTL1_LD
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
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** LINE VOLUME Source ID = HOTL_LD
** DESCRSRC Phase 1 Hotel LIGHT DUTY CARS-EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.0000415
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 16
** 595170.436, 4172884.611, 100.05, 2.00, 6.23
** 595257.468, 4172608.921, 99.43, 2.00, 6.23
** 595368.466, 4172265.212, 99.01, 2.00, 6.23
** 595386.005, 4172226.467, 99.05, 2.00, 6.23
** 595405.941, 4172207.745, 99.18, 2.00, 6.23
** 595469.075, 4172174.675, 99.65, 2.00, 6.23
** 595511.165, 4172156.136, 99.81, 2.00, 6.23
** 595546.240, 4172150.123, 99.91, 2.00, 6.23
** 595578.809, 4172147.116, 100.20, 2.00, 6.23
** 595616.890, 4172145.613, 100.68, 2.00, 6.23
** 595641.943, 4172143.108, 100.84, 2.00, 6.23
** 595664.992, 4172133.588, 100.80, 2.00, 6.23
** 595681.527, 4172117.554, 100.64, 2.00, 6.23
** 595689.432, 4172095.004, 100.50, 2.00, 6.23
** 595691.133, 4172068.168, 100.44, 2.00, 6.23
** 595689.117, 4172025.418, 100.41, 2.00, 6.23
** ----------------------------------------------------------------------
   LOCATION L0010775     VOLUME   595172.453 4172878.222 100.04
   LOCATION L0010776     VOLUME   595176.487 4172865.443 100.01
   LOCATION L0010777     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0010778     VOLUME   595184.555 4172839.887 99.95
   LOCATION L0010779     VOLUME   595188.589 4172827.108 99.92
   LOCATION L0010780     VOLUME   595192.623 4172814.330 99.89
   LOCATION L0010781     VOLUME   595196.657 4172801.552 99.86
   LOCATION L0010782     VOLUME   595200.691 4172788.773 99.83
   LOCATION L0010783     VOLUME   595204.725 4172775.995 99.81
   LOCATION L0010784     VOLUME   595208.759 4172763.216 99.78
   LOCATION L0010785     VOLUME   595212.793 4172750.438 99.75
   LOCATION L0010786     VOLUME   595216.827 4172737.660 99.72
   LOCATION L0010787     VOLUME   595220.861 4172724.881 99.69
   LOCATION L0010788     VOLUME   595224.895 4172712.103 99.66
   LOCATION L0010789     VOLUME   595228.929 4172699.324 99.63
   LOCATION L0010790     VOLUME   595232.963 4172686.546 99.60
   LOCATION L0010791     VOLUME   595236.997 4172673.768 99.58
   LOCATION L0010792     VOLUME   595241.031 4172660.989 99.55
   LOCATION L0010793     VOLUME   595245.065 4172648.211 99.52
   LOCATION L0010794     VOLUME   595249.099 4172635.433 99.49
   LOCATION L0010795     VOLUME   595253.133 4172622.654 99.46
   LOCATION L0010796     VOLUME   595257.167 4172609.876 99.43
   LOCATION L0010797     VOLUME   595261.278 4172597.122 99.42
   LOCATION L0010798     VOLUME   595265.396 4172584.371 99.40
   LOCATION L0010799     VOLUME   595269.514 4172571.619 99.38
   LOCATION L0010800     VOLUME   595273.632 4172558.868 99.37
   LOCATION L0010801     VOLUME   595277.750 4172546.116 99.35
   LOCATION L0010802     VOLUME   595281.868 4172533.365 99.34
   LOCATION L0010803     VOLUME   595285.986 4172520.613 99.32
   LOCATION L0010804     VOLUME   595290.104 4172507.861 99.31
   LOCATION L0010805     VOLUME   595294.222 4172495.110 99.29
   LOCATION L0010806     VOLUME   595298.340 4172482.358 99.28
   LOCATION L0010807     VOLUME   595302.458 4172469.607 99.26
   LOCATION L0010808     VOLUME   595306.576 4172456.855 99.24
   LOCATION L0010809     VOLUME   595310.694 4172444.104 99.23
   LOCATION L0010810     VOLUME   595314.812 4172431.352 99.21
   LOCATION L0010811     VOLUME   595318.930 4172418.601 99.20
   LOCATION L0010812     VOLUME   595323.048 4172405.849 99.18
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   LOCATION L0010813     VOLUME   595327.166 4172393.097 99.17
   LOCATION L0010814     VOLUME   595331.284 4172380.346 99.15
   LOCATION L0010815     VOLUME   595335.402 4172367.594 99.14
   LOCATION L0010816     VOLUME   595339.520 4172354.843 99.12
   LOCATION L0010817     VOLUME   595343.638 4172342.091 99.10
   LOCATION L0010818     VOLUME   595347.756 4172329.340 99.09
   LOCATION L0010819     VOLUME   595351.874 4172316.588 99.07
   LOCATION L0010820     VOLUME   595355.992 4172303.837 99.06
   LOCATION L0010821     VOLUME   595360.110 4172291.085 99.04
   LOCATION L0010822     VOLUME   595364.229 4172278.334 99.03
   LOCATION L0010823     VOLUME   595368.347 4172265.582 99.01
   LOCATION L0010824     VOLUME   595373.832 4172253.359 99.02
   LOCATION L0010825     VOLUME   595379.358 4172241.151 99.03
   LOCATION L0010826     VOLUME   595384.884 4172228.944 99.05
   LOCATION L0010827     VOLUME   595393.791 4172219.155 99.10
   LOCATION L0010828     VOLUME   595403.559 4172209.982 99.16
   LOCATION L0010829     VOLUME   595414.917 4172203.043 99.25
   LOCATION L0010830     VOLUME   595426.787 4172196.826 99.34
   LOCATION L0010831     VOLUME   595438.657 4172190.608 99.42
   LOCATION L0010832     VOLUME   595450.527 4172184.390 99.51
   LOCATION L0010833     VOLUME   595462.397 4172178.173 99.60
   LOCATION L0010834     VOLUME   595474.439 4172172.312 99.67
   LOCATION L0010835     VOLUME   595486.703 4172166.911 99.72
   LOCATION L0010836     VOLUME   595498.966 4172161.509 99.76
   LOCATION L0010837     VOLUME   595511.234 4172156.124 99.81
   LOCATION L0010838     VOLUME   595524.441 4172153.860 99.85
   LOCATION L0010839     VOLUME   595537.648 4172151.596 99.89
   LOCATION L0010840     VOLUME   595550.903 4172149.692 99.95
   LOCATION L0010841     VOLUME   595564.246 4172148.461 100.07
   LOCATION L0010842     VOLUME   595577.590 4172147.229 100.19
   LOCATION L0010843     VOLUME   595590.975 4172146.636 100.35
   LOCATION L0010844     VOLUME   595604.365 4172146.107 100.52
   LOCATION L0010845     VOLUME   595617.751 4172145.527 100.69
   LOCATION L0010846     VOLUME   595631.084 4172144.194 100.77
   LOCATION L0010847     VOLUME   595644.242 4172142.159 100.84
   LOCATION L0010848     VOLUME   595656.627 4172137.043 100.81
   LOCATION L0010849     VOLUME   595668.114 4172130.560 100.77
   LOCATION L0010850     VOLUME   595677.734 4172121.232 100.68
   LOCATION L0010851     VOLUME   595684.212 4172109.894 100.59
   LOCATION L0010852     VOLUME   595688.645 4172097.249 100.51
   LOCATION L0010853     VOLUME   595690.129 4172084.005 100.48
   LOCATION L0010854     VOLUME   595690.977 4172070.632 100.45
   LOCATION L0010855     VOLUME   595690.618 4172057.249 100.43
   LOCATION L0010856     VOLUME   595689.987 4172043.863 100.42
   LOCATION L0010857     VOLUME   595689.356 4172030.478 100.41
** End of LINE VOLUME Source ID = HOTL_LD
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = FDXTRKEX
** DESCRSRC FEDEX TRUCKS ONROAD EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.000246
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 8
** 595590.796, 4172081.472, 99.99, 3.05, 6.23
** 595603.786, 4172146.144, 100.54, 3.05, 6.23
** 595641.911, 4172141.625, 100.83, 3.05, 6.23
** 595656.879, 4172135.977, 100.72, 3.05, 6.23
** 595676.930, 4172120.445, 100.71, 3.05, 6.23
** 595688.226, 4172094.746, 100.48, 3.05, 6.23
** 595689.638, 4172054.361, 100.39, 3.05, 6.23
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** 595687.944, 4172024.144, 100.39, 3.05, 6.23
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   LOCATION L0010475     VOLUME   595592.115 4172088.041 99.94
   LOCATION L0010476     VOLUME   595594.754 4172101.178 99.90
   LOCATION L0010477     VOLUME   595597.393 4172114.316 100.11
   LOCATION L0010478     VOLUME   595600.032 4172127.454 100.22
   LOCATION L0010479     VOLUME   595602.671 4172140.591 100.50
   LOCATION L0010480     VOLUME   595611.469 4172145.233 100.65
   LOCATION L0010481     VOLUME   595624.775 4172143.656 100.75
   LOCATION L0010482     VOLUME   595638.082 4172142.079 100.81
   LOCATION L0010483     VOLUME   595650.841 4172138.255 100.77
   LOCATION L0010484     VOLUME   595662.370 4172131.723 100.75
   LOCATION L0010485     VOLUME   595672.964 4172123.517 100.68
   LOCATION L0010486     VOLUME   595680.303 4172112.770 100.56
   LOCATION L0010487     VOLUME   595685.695 4172100.503 100.50
   LOCATION L0010488     VOLUME   595688.474 4172087.639 100.45
   LOCATION L0010489     VOLUME   595688.943 4172074.247 100.41
   LOCATION L0010490     VOLUME   595689.411 4172060.856 100.37
   LOCATION L0010491     VOLUME   595689.252 4172047.470 100.28
   LOCATION L0010492     VOLUME   595688.502 4172034.091 100.24
** End of LINE VOLUME Source ID = FDXTRKEX
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HOTL_IDL
** DESCRSRC Hotel-Retail Truck Idling
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.0000177
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595522.837, 4172240.183, 100.59, 3.05, 4.65
** 595483.996, 4172230.488, 100.57, 3.05, 4.65
** ----------------------------------------------------------------
   LOCATION L0010576     VOLUME   595517.986 4172238.972 100.54
   LOCATION L0010577     VOLUME   595508.284 4172236.550 100.66
   LOCATION L0010578     VOLUME   595498.581 4172234.129 100.84
   LOCATION L0010579     VOLUME   595488.879 4172231.707 100.66
** End of LINE VOLUME Source ID = HOTL_IDL
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HOTL_TRU
** DESCRSRC Hotel-Retail Truck TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.0000528
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595522.837, 4172240.183, 100.59, 3.05, 4.65
** 595483.996, 4172230.488, 100.57, 3.05, 4.65
** ----------------------------------------------------------------
   LOCATION L0010580     VOLUME   595517.986 4172238.972 100.54
   LOCATION L0010581     VOLUME   595508.284 4172236.550 100.66
   LOCATION L0010582     VOLUME   595498.581 4172234.129 100.84
   LOCATION L0010583     VOLUME   595488.879 4172231.707 100.66
** End of LINE VOLUME Source ID = HOTL_TRU
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE1
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
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** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 7.58E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595381.323, 4172697.047, 100.14, 2.00, 1.72
** 595362.642, 4172689.837, 100.38, 2.00, 1.72
** ----------------------------------------------------------------------
   LOCATION L0010941     VOLUME   595379.597 4172696.381 100.16
   LOCATION L0010942     VOLUME   595376.145 4172695.049 100.21
   LOCATION L0010943     VOLUME   595372.693 4172693.717 100.25
   LOCATION L0010944     VOLUME   595369.242 4172692.385 100.30
   LOCATION L0010945     VOLUME   595365.790 4172691.052 100.34
** End of LINE VOLUME Source ID = LD_IDLE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE2
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 7.58E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595378.554, 4172704.264, 100.08, 2.00, 1.72
** 595359.873, 4172697.054, 100.34, 2.00, 1.72
** ----------------------------------------------------------------------
   LOCATION L0010946     VOLUME   595376.828 4172703.598 100.10
   LOCATION L0010947     VOLUME   595373.376 4172702.266 100.15
   LOCATION L0010948     VOLUME   595369.925 4172700.933 100.20
   LOCATION L0010949     VOLUME   595366.473 4172699.601 100.25
   LOCATION L0010950     VOLUME   595363.021 4172698.269 100.30
** End of LINE VOLUME Source ID = LD_IDLE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE3
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 7.58E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595375.673, 4172712.431, 100.19, 2.00, 1.72
** 595356.991, 4172705.220, 100.37, 2.00, 1.72
** ----------------------------------------------------------------------
   LOCATION L0010951     VOLUME   595373.947 4172711.764 100.21
   LOCATION L0010952     VOLUME   595370.495 4172710.432 100.24
   LOCATION L0010953     VOLUME   595367.043 4172709.100 100.27
   LOCATION L0010954     VOLUME   595363.591 4172707.768 100.31
   LOCATION L0010955     VOLUME   595360.139 4172706.435 100.34
** End of LINE VOLUME Source ID = LD_IDLE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE4
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 7.58E-06
** Vertical Dimension = 4.00
```

```
** SZINIT = 1.86
** Nodes = 2
** 595372.635, 4172719.505, 100.22, 2.00, 1.72
** 595353.954, 4172712.295, 100.33, 2.00, 1.72
** ----------------------------------------------------------------------
   LOCATION L0010956     VOLUME   595370.909 4172718.839 100.23
   LOCATION L0010957     VOLUME   595367.457 4172717.507 100.25
   LOCATION L0010958     VOLUME   595364.005 4172716.174 100.27
   LOCATION L0010959     VOLUME   595360.554 4172714.842 100.29
   LOCATION L0010960     VOLUME   595357.102 4172713.510 100.31
** End of LINE VOLUME Source ID = LD_IDLE4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE5
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 7.58E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595370.018, 4172725.624, 100.09, 2.00, 1.72
** 595351.337, 4172718.413, 100.36, 2.00, 1.72
** ----------------------------------------------------------------------
   LOCATION L0010961     VOLUME   595368.292 4172724.957 100.11
   LOCATION L0010962     VOLUME   595364.840 4172723.625 100.16
   LOCATION L0010963     VOLUME   595361.389 4172722.293 100.21
   LOCATION L0010964     VOLUME   595357.937 4172720.961 100.26
   LOCATION L0010965     VOLUME   595354.485 4172719.628 100.31
** End of LINE VOLUME Source ID = LD_IDLE5
** Source Parameters **
   SRCPARAM CSCO_GEN      0.000479     2.162   746.550  21.79819     0.457
   SRCPARAM HOTELGEN      0.000531     2.162   746.550  21.79819     0.457
** LINE VOLUME Source ID = FDXTRKIDL
   SRCPARAM L0009578     0.0001462      3.05      4.65      2.84
   SRCPARAM L0009579     0.0001462      3.05      4.65      2.84
   SRCPARAM L0009580     0.0001462      3.05      4.65      2.84
   SRCPARAM L0009581     0.0001462      3.05      4.65      2.84
   SRCPARAM L0009582     0.0001462      3.05      4.65      2.84
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = FDXTRKTRU
   SRCPARAM L0009583      0.000436      3.05      4.65      2.84
   SRCPARAM L0009584      0.000436      3.05      4.65      2.84
   SRCPARAM L0009585      0.000436      3.05      4.65      2.84
   SRCPARAM L0009586      0.000436      3.05      4.65      2.84
   SRCPARAM L0009587      0.000436      3.05      4.65      2.84
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = CSTRKIDL
   SRCPARAM L0009588     0.0000022      3.05      4.65      2.84
   SRCPARAM L0009589     0.0000022      3.05      4.65      2.84
   SRCPARAM L0009590     0.0000022      3.05      4.65      2.84
   SRCPARAM L0009591     0.0000022      3.05      4.65      2.84
   SRCPARAM L0009592     0.0000022      3.05      4.65      2.84
   SRCPARAM L0009593     0.0000022      3.05      4.65      2.84
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = CSCO_TRU
   SRCPARAM L0009594     0.0000196667      3.05      4.65      2.84
   SRCPARAM L0009595     0.0000196667      3.05      4.65      2.84
   SRCPARAM L0009596     0.0000196667      3.05      4.65      2.84
   SRCPARAM L0009597     0.0000196667      3.05      4.65      2.84
   SRCPARAM L0009598     0.0000196667      3.05      4.65      2.84
   SRCPARAM L0009599     0.0000196667      3.05      4.65      2.84
** ----------------------------------------------------------------------
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** LINE VOLUME Source ID = GSTRKIDL
   SRCPARAM L0009600     0.000001467      3.05      4.65      2.84
   SRCPARAM L0009601     0.000001467      3.05      4.65      2.84
   SRCPARAM L0009602     0.000001467      3.05      4.65      2.84
   SRCPARAM L0009603     0.000001467      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = CSCO_EXH
   SRCPARAM L0009774     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009775     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009776     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009777     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009778     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009779     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009780     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009781     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009782     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009783     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009784     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009785     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009786     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009787     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009788     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009789     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009790     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009791     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009792     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009793     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009794     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009795     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009796     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009797     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009798     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009799     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009800     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009801     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009802     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009803     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009804     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009805     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009806     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009807     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009808     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009809     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009810     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009811     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009812     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009813     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009814     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009815     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009816     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009817     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009818     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009819     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009820     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009821     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009822     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009823     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009824     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009825     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009826     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009827     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009828     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009829     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009830     0.0000002424      3.05      6.23      2.84
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   SRCPARAM L0009831     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009832     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009833     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009834     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009835     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009836     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009837     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009838     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009839     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009840     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009841     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009842     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009843     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009844     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009845     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009846     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009847     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009848     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009849     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009850     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009851     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009852     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009853     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009854     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009855     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009856     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009857     0.0000002424      3.05      6.23      2.84
   SRCPARAM L0009858     0.0000002424      3.05      6.23      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = GAS_EXH
   SRCPARAM L0009944     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009945     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009946     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009947     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009948     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009949     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009950     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009951     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009952     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009953     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009954     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009955     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009956     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009957     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009958     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009959     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009960     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009961     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009962     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009963     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009964     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009965     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009966     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009967     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009968     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009969     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009970     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009971     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009972     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009973     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009974     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009975     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009976     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009977     0.0000001076      3.05      6.23      2.84
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   SRCPARAM L0009978     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009979     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009980     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009981     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009982     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009983     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009984     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009985     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009986     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009987     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009988     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009989     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009990     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009991     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009992     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009993     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009994     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009995     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009996     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009997     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009998     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0009999     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010000     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010001     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010002     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010003     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010004     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010005     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010006     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010007     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010008     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010009     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010010     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010011     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010012     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010013     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010014     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010015     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010016     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010017     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010018     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010019     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010020     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010021     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010022     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010023     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010024     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010025     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010026     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010027     0.0000001076      3.05      6.23      2.84
   SRCPARAM L0010028     0.0000001076      3.05      6.23      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HOTL_EXH
   SRCPARAM L0010029     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010030     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010031     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010032     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010033     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010034     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010035     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010036     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010037     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010038     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010039     0.0000001919      3.05      6.23      2.84
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   SRCPARAM L0010040     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010041     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010042     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010043     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010044     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010045     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010046     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010047     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010048     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010049     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010050     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010051     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010052     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010053     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010054     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010055     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010056     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010057     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010058     0.0000001919      3.05      6.23      2.84
   SRCPARAM L0010059     0.0000001919      3.05      6.23      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = CSCO_LD
   SRCPARAM L0010609     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010610     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010611     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010612     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010613     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010614     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010615     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010616     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010617     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010618     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010619     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010620     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010621     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010622     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010623     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010624     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010625     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010626     0.00000441      2.00      6.23      1.86
   SRCPARAM L0010627     0.00000441      2.00      6.23      1.86
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   SRCPARAM L0010650     0.00000441      2.00      6.23      1.86
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   SRCPARAM L0010691     0.00000441      2.00      6.23      1.86
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   SRCPARAM L0010699     0.00000007133      2.00      6.23      1.86
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   SRCPARAM L0010701     0.00000007133      2.00      6.23      1.86
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   SRCPARAM L0010703     0.00000007133      2.00      6.23      1.86
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   SRCPARAM L0010705     0.00000007133      2.00      6.23      1.86
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   SRCPARAM L0010709     0.00000007133      2.00      6.23      1.86
   SRCPARAM L0010710     0.00000007133      2.00      6.23      1.86
   SRCPARAM L0010711     0.00000007133      2.00      6.23      1.86
   SRCPARAM L0010712     0.00000007133      2.00      6.23      1.86
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   SRCPARAM L0010715     0.0000007133      2.00      6.23      1.86
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** LINE VOLUME Source ID = RTL1_LD
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SRCPARAM	L0010864	0.00000004241	2.00	6.23	1.86
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SRCPARAM	L0010899	0.00000004241	2.00	6.23	1.86
SRCPARAM	L0010900	0.00000004241	2.00	6.23	1.86
SRCPARAM	L0010901	0.00000004241	2.00	6.23	1.86
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SRCPARAM	L0010904	0.00000004241	2.00	6.23	1.86
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SRCPARAM	L0010921	0.00000004241	2.00	6.23	1.86

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   SRCPARAM L0010829     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010830     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010831     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010832     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010833     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010834     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010835     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010836     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010837     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010838     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010839     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010840     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010841     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010842     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010843     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010844     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010845     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010846     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010847     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010848     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010849     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010850     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010851     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010852     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010853     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010854     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010855     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010856     0.0000005      2.00      6.23      1.86
   SRCPARAM L0010857     0.0000005      2.00      6.23      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = FDXTRKEX
   SRCPARAM L0010475     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010476     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010477     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010478     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010479     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010480     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010481     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010482     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010483     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010484     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010485     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010486     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010487     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010488     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010489     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010490     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010491     0.0000136667      3.05      6.23      2.84
   SRCPARAM L0010492     0.0000136667      3.05      6.23      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HOTL_IDL
   SRCPARAM L0010576     0.000004425      3.05      4.65      2.84
   SRCPARAM L0010577     0.000004425      3.05      4.65      2.84
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   SRCPARAM L0010578     0.000004425      3.05      4.65      2.84
   SRCPARAM L0010579     0.000004425      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HOTL_TRU
   SRCPARAM L0010580     0.0000132      3.05      4.65      2.84
   SRCPARAM L0010581     0.0000132      3.05      4.65      2.84
   SRCPARAM L0010582     0.0000132      3.05      4.65      2.84
   SRCPARAM L0010583     0.0000132      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE1
   SRCPARAM L0010941     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010942     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010943     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010944     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010945     0.000001516      2.00      1.72      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE2
   SRCPARAM L0010946     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010947     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010948     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010949     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010950     0.000001516      2.00      1.72      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE3
   SRCPARAM L0010951     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010952     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010953     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010954     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010955     0.000001516      2.00      1.72      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE4
   SRCPARAM L0010956     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010957     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010958     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010959     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010960     0.000001516      2.00      1.72      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE5
   SRCPARAM L0010961     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010962     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010963     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010964     0.000001516      2.00      1.72      1.86
   SRCPARAM L0010965     0.000001516      2.00      1.72      1.86
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT CSCO_GEN       12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN       12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN       12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN       12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN       12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN       12.19    12.19    12.19    12.19    12.19    12.19

   BUILDHGT HOTELGEN       16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN       16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN       16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN       16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN       16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN       16.76    16.76    16.76    16.76    16.76    16.76

   BUILDWID CSCO_GEN      147.22   156.52   164.15   166.80   164.38   156.97
   BUILDWID CSCO_GEN      145.11   155.42   161.22   163.61   164.69   160.76
   BUILDWID CSCO_GEN      151.95   138.52   120.89    99.61   119.03   135.18
   BUILDWID CSCO_GEN      147.22   156.52   164.15   166.80   164.38   156.97
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   BUILDWID CSCO_GEN       145.11   155.42   161.22   163.61   164.69   160.76
   BUILDWID CSCO_GEN       151.95   138.52   120.89    99.61   119.03   135.18

   BUILDWID HOTELGEN       103.58    96.94    87.35    75.11    60.59    44.23
   BUILDWID HOTELGEN        26.52    37.28    54.24    69.56    82.76    93.45
   BUILDWID HOTELGEN       101.30   106.07   107.62   105.90   107.31   107.07
   BUILDWID HOTELGEN       103.58    96.94    87.35    75.11    60.59    44.23
   BUILDWID HOTELGEN        26.52    37.28    54.24    69.56    82.76    93.45
   BUILDWID HOTELGEN       101.30   106.07   107.62   105.90   107.31   107.07

   BUILDLEN CSCO_GEN       163.61   164.69   160.76   151.95   138.52   120.89
   BUILDLEN CSCO_GEN        99.61   119.03   135.18   147.22   156.52   164.15
   BUILDLEN CSCO_GEN       166.80   164.38   156.97   145.11   155.42   161.22
   BUILDLEN CSCO_GEN       163.61   164.69   160.76   151.95   138.52   120.89
   BUILDLEN CSCO_GEN        99.61   119.03   135.18   147.22   156.52   164.15
   BUILDLEN CSCO_GEN       166.80   164.38   156.97   145.11   155.42   161.22

   BUILDLEN HOTELGEN        69.56    82.76    93.45   101.30   106.07   107.62
   BUILDLEN HOTELGEN       105.90   107.31   107.07   103.58    96.94    87.35
   BUILDLEN HOTELGEN        75.11    60.59    44.23    26.52    37.28    54.24
   BUILDLEN HOTELGEN        69.56    82.76    93.45   101.30   106.07   107.62
   BUILDLEN HOTELGEN       105.90   107.31   107.07   103.58    96.94    87.35
   BUILDLEN HOTELGEN        75.11    60.59    44.23    26.52    37.28    54.24

   XBADJ    CSCO_GEN      -121.74  -111.97   -98.80   -82.62   -63.94   -43.31
   XBADJ    CSCO_GEN       -21.37   -17.33   -13.12    -8.51    -5.36    -5.15
   XBADJ    CSCO_GEN        -4.78    -4.27    -3.62    -3.19   -16.73   -29.75
   XBADJ    CSCO_GEN       -41.87   -52.72   -61.96   -69.33   -74.58   -77.58
   XBADJ    CSCO_GEN       -78.24  -101.69  -122.06  -138.72  -151.16  -159.01
   XBADJ    CSCO_GEN      -162.02  -160.12  -153.35  -141.92  -138.69  -131.47

   XBADJ    HOTELGEN       -59.07   -69.38   -77.58   -83.43   -86.73   -87.41
   XBADJ    HOTELGEN       -85.42   -84.02   -80.87   -75.26   -67.36   -57.42
   XBADJ    HOTELGEN       -45.73   -32.65   -18.59    -3.95    -3.84    -7.27
   XBADJ    HOTELGEN       -10.48   -13.38   -15.87   -17.87   -19.34   -20.21
   XBADJ    HOTELGEN       -20.47   -23.29   -26.20   -28.32   -29.57   -29.93
   XBADJ    HOTELGEN       -29.38   -27.93   -25.64   -22.57   -33.44   -46.97

   YBADJ    CSCO_GEN       -65.10   -72.90   -76.93   -78.62   -77.93   -74.86
   YBADJ    CSCO_GEN       -69.36   -60.98   -50.86   -39.93   -29.63   -18.42
   YBADJ    CSCO_GEN        -6.65     5.32    17.13    28.44    42.18    54.47
   YBADJ    CSCO_GEN        65.10    72.90    76.93    78.62    77.93    74.86
   YBADJ    CSCO_GEN        69.36    60.98    50.86    39.93    29.63    18.42
   YBADJ    CSCO_GEN         6.65    -5.32   -17.13   -28.44   -42.18   -54.47

   YBADJ    HOTELGEN        23.47    18.90    13.75     8.18     2.36    -3.53
   YBADJ    HOTELGEN        -9.31   -14.80   -19.85   -24.30   -28.00   -30.86
   YBADJ    HOTELGEN       -32.78   -33.70   -33.60   -32.48   -30.37   -27.33
   YBADJ    HOTELGEN       -23.47   -18.90   -13.75    -8.18    -2.36     3.53
   YBADJ    HOTELGEN         9.31    14.80    19.85    24.30    28.00    30.86
   YBADJ    HOTELGEN        32.78    33.70    33.60    32.48    30.37    27.33

   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "hotelGen"
   EMISFACT HOTELGEN     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HOTELGEN     HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HOTELGEN     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HOTELGEN     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "CostcoStore"
** WeekDays:
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   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0009774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009774     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009774     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009774     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009774     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009774     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009774     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009774     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009774     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009774     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009775     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009775     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009775     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009775     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009775     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009775     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009775     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009775     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009775     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009776     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009776     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009776     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009776     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009776     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009776     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009776     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009776     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009776     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009777     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009777     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009777     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009777     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009777     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009777     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009777     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009777     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009777     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009778     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0009778     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009778     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009778     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0009778     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009778     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009778     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009778     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009778     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009778     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009778     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009778     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009779     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009779     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009779     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009779     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0009779     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009779     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009779     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009779     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009779     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009779     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009779     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009779     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009780     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009780     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009780     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009780     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0009780     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009780     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009780     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009780     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009780     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009780     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009780     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009780     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009781     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009781     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009781     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009781     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0009781     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0009845     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009845     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009845     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009845     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009845     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009845     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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EMISFACT L0009847     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009847     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0009847     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0009847     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009847     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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EMISFACT L0009848     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0009848     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0009848     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0009848     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009848     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009848     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0009849     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009849     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0009849     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0009857     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0009857     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009858     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009858     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009858     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009858     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009858     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0009594     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0009594     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009594     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009594     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009594     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009594     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009594     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009594     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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   EMISFACT L0009595     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
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   EMISFACT L0009596     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009596     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009596     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009596     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009596     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009596     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009596     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009597     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009597     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009597     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009597     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009597     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0009597     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009598     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009598     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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   EMISFACT L0009598     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009598     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009598     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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   EMISFACT L0009599     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009599     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009599     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009599     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009599     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009599     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009599     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
** Sunday:
** WeekDays:
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** Saturday:
** Sunday:
** WeekDays:
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EMISFACT L0009591     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009591     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0009591     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009591     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009591     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009591     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009591     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009591     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009591     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009591     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009592     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009592     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009592     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009592     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0009592     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009592     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009592     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009592     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009592     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009592     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009592     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009592     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009593     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0009593     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0009593     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0009593     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
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   EMISFACT L0009593     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009593     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009593     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009593     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009593     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009593     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009593     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009593     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "GasStation"
** WeekDays:
   EMISFACT L0009600     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009600     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009600     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009600     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009600     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009600     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009600     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009600     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009600     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009600     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009600     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009600     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009601     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009601     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009601     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009601     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009601     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009601     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009601     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009601     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009601     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009601     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009601     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009601     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009602     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009602     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009602     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009602     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009602     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009602     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009602     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009602     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009602     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009602     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009602     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009602     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009603     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009603     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009603     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009603     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0009603     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009603     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009603     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009603     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0009603     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009603     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009603     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009603     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
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** WeekDays:
   EMISFACT L0010941     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010941     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010941     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010941     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010941     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010941     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010941     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010941     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010941     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010941     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010941     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010941     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010942     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010942     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010942     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010942     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010942     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010942     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010942     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010942     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010942     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010942     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010942     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010942     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010943     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010943     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010943     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010943     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010943     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010943     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010943     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010943     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010943     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010943     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010943     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010943     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010944     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010944     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010944     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010944     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010944     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010944     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010944     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010944     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010944     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010944     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010944     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010944     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010945     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010945     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010945     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010945     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010945     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010945     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010945     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010945     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010945     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010945     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010945     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010945     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
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   EMISFACT L0010946     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010946     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010946     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010946     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010946     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010946     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010946     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010946     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010946     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010946     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010946     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010946     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010947     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010947     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010947     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010947     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010947     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010947     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010947     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010947     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010947     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010947     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010947     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010947     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010948     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010948     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010948     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010948     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010948     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010948     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010948     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010948     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010948     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010948     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010948     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010948     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010949     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010949     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010949     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010949     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010949     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010949     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010949     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010949     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010949     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010949     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010950     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010950     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010950     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010950     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010950     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010950     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010950     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010950     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010950     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010950     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0010951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0010951     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010951     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010951     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010951     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010951     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010951     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010951     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010951     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010951     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010951     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010952     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010952     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010952     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010952     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010952     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010952     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010952     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010952     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010952     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010952     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010953     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010953     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010953     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010953     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010953     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010953     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010953     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010953     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010953     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010953     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010954     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010954     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010954     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010954     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010954     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010954     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010954     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010954     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010954     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010955     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010955     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010955     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010955     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010955     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010955     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010955     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010955     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010955     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010955     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0010956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010956     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0010956     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010956     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010956     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010956     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010956     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010956     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010956     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010957     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010957     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010957     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010957     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010957     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010957     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010957     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010957     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010957     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010958     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010958     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0010958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010958     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010958     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010958     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010958     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0010959     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010959     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010959     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010959     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010959     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010959     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010959     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010959     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010959     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010960     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0010960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010960     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0010960     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
** Sunday:
** WeekDays:
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   EMISFACT L0010961     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010961     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0010961     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0010961     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0010962     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010962     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0010962     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0010963     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010963     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0010963     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010963     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010963     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010963     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0010964     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0010964     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010964     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010964     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0010965     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010965     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010965     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010965     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010965     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010965     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0010965     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010965     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010965     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010965     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010965     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
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   EMISFACT L0010692     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
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EMISFACT L0010693     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010693     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0010693     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0010693     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0010694     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010694     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0010694     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0010698     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0010698     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0010698     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010698     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010698     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010698     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010698     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0010699     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0010699     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0010700     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
** Sunday:
** WeekDays:
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EMISFACT L0010018     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010019     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0010019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010019     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010019     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010019     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010020     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0010020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010020     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010020     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010020     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0010021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010021     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0010021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010021     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010021     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010021     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010022     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0010022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010022     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010022     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010022     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010023     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0010023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010023     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010023     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010023     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010024     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0010024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010024     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010024     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010024     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010025     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0010025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010025     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010025     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010025     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0010026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010026     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0010026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0010026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010026     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010026     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010026     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010027     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010027     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010027     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010027     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010028     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0010028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010028     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0010028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010028     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010028     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Fedex"
** WeekDays:
   EMISFACT L0009578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009578     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009578     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009578     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009578     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009578     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009579     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009579     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009579     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009579     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009579     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009580     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009580     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009580     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009580     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009580     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009581     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009581     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009581     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009581     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009581     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009582     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009582     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009582     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009582     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009582     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0010475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010475     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010475     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010475     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010475     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010475     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0010475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010476     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010476     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010476     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010476     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010476     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0010476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010477     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010477     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010477     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0010477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010477     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010477     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0010477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010478     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010478     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010478     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010478     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010478     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0010478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010479     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010479     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010479     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010479     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010479     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0010479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010480     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010480     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010480     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010480     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010480     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0010480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010481     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010481     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010481     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010481     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010481     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0010481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010482     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010482     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010482     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010482     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010482     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0010482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0010482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010483     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010483     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010483     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010483     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010483     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0010483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0010483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010484     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010484     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010484     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010484     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010484     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0010484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010485     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010485     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010485     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010485     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010485     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0010485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0010485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0010486     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010486     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010486     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010486     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0010486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010487     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010487     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0010487     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010487     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0010487     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0010487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0010487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0010488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010488     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010488     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010488     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010488     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010488     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0010488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0010489     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0010489     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0010489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010490     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010490     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010490     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010490     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010490     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0010490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010491     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010491     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0010491     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010491     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010491     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0010491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0010492     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010492     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0010492     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0010492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0010492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0009583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0009583     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009583     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009583     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009583     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009583     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009584     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009584     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009584     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009584     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009584     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009585     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009585     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009585     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009585     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009585     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009586     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009586     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009586     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009586     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009586     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009587     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009587     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009587     HRDOW 0.5 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009587     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009587     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0009587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
   SRCGROUP CSCO-GEN CSCO_GEN
   SRCGROUP HOTL-GEN HOTELGEN
   SRCGROUP CSCO-IDL L0009588 L0009589 L0009590 L0009591 L0009592 L0009593
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SRCGROUP GSTRKIDL L0009600 L0009601 L0009602 L0009603
SRCGROUP FDX-EXH  L0010475 L0010476 L0010477 L0010478 L0010479 L0010480
SRCGROUP FDX-EXH  L0010481 L0010482 L0010483 L0010484 L0010485 L0010486
SRCGROUP FDX-EXH  L0010487 L0010488 L0010489 L0010490 L0010491 L0010492
SRCGROUP FDX-IDLE L0009578 L0009579 L0009580 L0009581 L0009582
SRCGROUP CSCO-TRU L0009594 L0009595 L0009596 L0009597 L0009598 L0009599
SRCGROUP FDX-TRU  L0009583 L0009584 L0009585 L0009586 L0009587
SRCGROUP LD-IDLE  L0010941 L0010942 L0010943 L0010944 L0010945 L0010946
SRCGROUP LD-IDLE  L0010947 L0010948 L0010949 L0010950 L0010951 L0010952
SRCGROUP LD-IDLE  L0010953 L0010954 L0010955 L0010956 L0010957 L0010958
SRCGROUP LD-IDLE  L0010959 L0010960 L0010961 L0010962 L0010963 L0010964
SRCGROUP LD-IDLE  L0010965
SRCGROUP HOTL-EXH L0010029 L0010030 L0010031 L0010032 L0010033 L0010034
SRCGROUP HOTL-EXH L0010035 L0010036 L0010037 L0010038 L0010039 L0010040
SRCGROUP HOTL-EXH L0010041 L0010042 L0010043 L0010044 L0010045 L0010046
SRCGROUP HOTL-EXH L0010047 L0010048 L0010049 L0010050 L0010051 L0010052
SRCGROUP HOTL-EXH L0010053 L0010054 L0010055 L0010056 L0010057 L0010058
SRCGROUP HOTL-EXH L0010059
SRCGROUP HOTL-IDL L0010576 L0010577 L0010578 L0010579
SRCGROUP HOTL-TRU L0010580 L0010581 L0010582 L0010583
SRCGROUP CSCO-LD  L0010609 L0010610 L0010611 L0010612 L0010613 L0010614
SRCGROUP CSCO-LD  L0010615 L0010616 L0010617 L0010618 L0010619 L0010620
SRCGROUP CSCO-LD  L0010621 L0010622 L0010623 L0010624 L0010625 L0010626
SRCGROUP CSCO-LD  L0010627 L0010628 L0010629 L0010630 L0010631 L0010632
SRCGROUP CSCO-LD  L0010633 L0010634 L0010635 L0010636 L0010637 L0010638
SRCGROUP CSCO-LD  L0010639 L0010640 L0010641 L0010642 L0010643 L0010644
SRCGROUP CSCO-LD  L0010645 L0010646 L0010647 L0010648 L0010649 L0010650
SRCGROUP CSCO-LD  L0010651 L0010652 L0010653 L0010654 L0010655 L0010656
SRCGROUP CSCO-LD  L0010657 L0010658 L0010659 L0010660 L0010661 L0010662
SRCGROUP CSCO-LD  L0010663 L0010664 L0010665 L0010666 L0010667 L0010668
SRCGROUP CSCO-LD  L0010669 L0010670 L0010671 L0010672 L0010673 L0010674
SRCGROUP CSCO-LD  L0010675 L0010676 L0010677 L0010678 L0010679 L0010680
SRCGROUP CSCO-LD  L0010681 L0010682 L0010683 L0010684 L0010685 L0010686
SRCGROUP CSCO-LD  L0010687 L0010688 L0010689 L0010690 L0010691
SRCGROUP GAS-LD   L0010692 L0010693 L0010694 L0010695 L0010696 L0010697
SRCGROUP GAS-LD   L0010698 L0010699 L0010700 L0010701 L0010702 L0010703
SRCGROUP GAS-LD   L0010704 L0010705 L0010706 L0010707 L0010708 L0010709
SRCGROUP GAS-LD   L0010710 L0010711 L0010712 L0010713 L0010714 L0010715
SRCGROUP GAS-LD   L0010716 L0010717 L0010718 L0010719 L0010720 L0010721
SRCGROUP GAS-LD   L0010722 L0010723 L0010724 L0010725 L0010726 L0010727
SRCGROUP GAS-LD   L0010728 L0010729 L0010730 L0010731 L0010732 L0010733
SRCGROUP GAS-LD   L0010734 L0010735 L0010736 L0010737 L0010738 L0010739
SRCGROUP GAS-LD   L0010740 L0010741 L0010742 L0010743 L0010744 L0010745
SRCGROUP GAS-LD   L0010746 L0010747 L0010748 L0010749 L0010750 L0010751
SRCGROUP GAS-LD   L0010752 L0010753 L0010754 L0010755 L0010756 L0010757
SRCGROUP GAS-LD   L0010758 L0010759 L0010760 L0010761 L0010762 L0010763
SRCGROUP GAS-LD   L0010764 L0010765 L0010766 L0010767 L0010768 L0010769
SRCGROUP GAS-LD   L0010770 L0010771 L0010772 L0010773 L0010774
SRCGROUP HOTL-LD  L0010775 L0010776 L0010777 L0010778 L0010779 L0010780
SRCGROUP HOTL-LD  L0010781 L0010782 L0010783 L0010784 L0010785 L0010786
SRCGROUP HOTL-LD  L0010787 L0010788 L0010789 L0010790 L0010791 L0010792
SRCGROUP HOTL-LD  L0010793 L0010794 L0010795 L0010796 L0010797 L0010798
SRCGROUP HOTL-LD  L0010799 L0010800 L0010801 L0010802 L0010803 L0010804
SRCGROUP HOTL-LD  L0010805 L0010806 L0010807 L0010808 L0010809 L0010810
SRCGROUP HOTL-LD  L0010811 L0010812 L0010813 L0010814 L0010815 L0010816
SRCGROUP HOTL-LD  L0010817 L0010818 L0010819 L0010820 L0010821 L0010822
SRCGROUP HOTL-LD  L0010823 L0010824 L0010825 L0010826 L0010827 L0010828
SRCGROUP HOTL-LD  L0010829 L0010830 L0010831 L0010832 L0010833 L0010834
SRCGROUP HOTL-LD  L0010835 L0010836 L0010837 L0010838 L0010839 L0010840
SRCGROUP HOTL-LD  L0010841 L0010842 L0010843 L0010844 L0010845 L0010846
SRCGROUP HOTL-LD  L0010847 L0010848 L0010849 L0010850 L0010851 L0010852
SRCGROUP HOTL-LD  L0010853 L0010854 L0010855 L0010856 L0010857
SRCGROUP RTL1-LD  L0010858 L0010859 L0010860 L0010861 L0010862 L0010863
SRCGROUP RTL1-LD  L0010864 L0010865 L0010866 L0010867 L0010868 L0010869
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   SRCGROUP RTL1-LD  L0010870 L0010871 L0010872 L0010873 L0010874 L0010875
   SRCGROUP RTL1-LD  L0010876 L0010877 L0010878 L0010879 L0010880 L0010881
   SRCGROUP RTL1-LD  L0010882 L0010883 L0010884 L0010885 L0010886 L0010887
   SRCGROUP RTL1-LD  L0010888 L0010889 L0010890 L0010891 L0010892 L0010893
   SRCGROUP RTL1-LD  L0010894 L0010895 L0010896 L0010897 L0010898 L0010899
   SRCGROUP RTL1-LD  L0010900 L0010901 L0010902 L0010903 L0010904 L0010905
   SRCGROUP RTL1-LD  L0010906 L0010907 L0010908 L0010909 L0010910 L0010911
   SRCGROUP RTL1-LD  L0010912 L0010913 L0010914 L0010915 L0010916 L0010917
   SRCGROUP RTL1-LD  L0010918 L0010919 L0010920 L0010921 L0010922 L0010923
   SRCGROUP RTL1-LD  L0010924 L0010925 L0010926 L0010927 L0010928 L0010929
   SRCGROUP RTL1-LD  L0010930 L0010931 L0010932 L0010933 L0010934 L0010935
   SRCGROUP RTL1-LD  L0010936 L0010937 L0010938 L0010939 L0010940
   SRCGROUP CSCO-EXH L0009774 L0009775 L0009776 L0009777 L0009778 L0009779
   SRCGROUP CSCO-EXH L0009780 L0009781 L0009782 L0009783 L0009784 L0009785
   SRCGROUP CSCO-EXH L0009786 L0009787 L0009788 L0009789 L0009790 L0009791
   SRCGROUP CSCO-EXH L0009792 L0009793 L0009794 L0009795 L0009796 L0009797
   SRCGROUP CSCO-EXH L0009798 L0009799 L0009800 L0009801 L0009802 L0009803
   SRCGROUP CSCO-EXH L0009804 L0009805 L0009806 L0009807 L0009808 L0009809
   SRCGROUP CSCO-EXH L0009810 L0009811 L0009812 L0009813 L0009814 L0009815
   SRCGROUP CSCO-EXH L0009816 L0009817 L0009818 L0009819 L0009820 L0009821
   SRCGROUP CSCO-EXH L0009822 L0009823 L0009824 L0009825 L0009826 L0009827
   SRCGROUP CSCO-EXH L0009828 L0009829 L0009830 L0009831 L0009832 L0009833
   SRCGROUP CSCO-EXH L0009834 L0009835 L0009836 L0009837 L0009838 L0009839
   SRCGROUP CSCO-EXH L0009840 L0009841 L0009842 L0009843 L0009844 L0009845
   SRCGROUP CSCO-EXH L0009846 L0009847 L0009848 L0009849 L0009850 L0009851
   SRCGROUP CSCO-EXH L0009852 L0009853 L0009854 L0009855 L0009856 L0009857
   SRCGROUP CSCO-EXH L0009858
   SRCGROUP GAS-EXH  L0009944 L0009945 L0009946 L0009947 L0009948 L0009949
   SRCGROUP GAS-EXH  L0009950 L0009951 L0009952 L0009953 L0009954 L0009955
   SRCGROUP GAS-EXH  L0009956 L0009957 L0009958 L0009959 L0009960 L0009961
   SRCGROUP GAS-EXH  L0009962 L0009963 L0009964 L0009965 L0009966 L0009967
   SRCGROUP GAS-EXH  L0009968 L0009969 L0009970 L0009971 L0009972 L0009973
   SRCGROUP GAS-EXH  L0009974 L0009975 L0009976 L0009977 L0009978 L0009979
   SRCGROUP GAS-EXH  L0009980 L0009981 L0009982 L0009983 L0009984 L0009985
   SRCGROUP GAS-EXH  L0009986 L0009987 L0009988 L0009989 L0009990 L0009991
   SRCGROUP GAS-EXH  L0009992 L0009993 L0009994 L0009995 L0009996 L0009997
   SRCGROUP GAS-EXH  L0009998 L0009999 L0010000 L0010001 L0010002 L0010003
   SRCGROUP GAS-EXH  L0010004 L0010005 L0010006 L0010007 L0010008 L0010009
   SRCGROUP GAS-EXH  L0010010 L0010011 L0010012 L0010013 L0010014 L0010015
   SRCGROUP GAS-EXH  L0010016 L0010017 L0010018 L0010019 L0010020 L0010021
   SRCGROUP GAS-EXH  L0010022 L0010023 L0010024 L0010025 L0010026 L0010027
   SRCGROUP GAS-EXH  L0010028
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
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**
**
RE STARTING
** DESCRREC "UCART1" "RECEPTORS GENERATED FROM UNIFORM CARTESIAN GRID"
   DISCCART    595574.00   4171743.00   97.81  101.44    1.80
   DISCCART    595594.00   4171743.00   96.06  101.44    1.80
   DISCCART    595614.00   4171743.00   97.41  101.18    1.80
   DISCCART    595634.00   4171743.00   99.77  101.06    1.80
   DISCCART    595654.00   4171743.00   96.05  101.18    1.80
   DISCCART    595674.00   4171743.00   95.92  101.14    1.80
   DISCCART    595694.00   4171743.00   99.12  101.14    1.80
   DISCCART    595534.00   4171763.00   99.54  101.43    1.80
   DISCCART    595554.00   4171763.00  101.29  101.37    1.80
   DISCCART    595574.00   4171763.00   96.99  101.52    1.80
   DISCCART    595594.00   4171763.00   96.20  101.52    1.80
   DISCCART    595614.00   4171763.00   98.89  101.23    1.80
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DISCCART	595634.00	4171763.00	98.38	101.23	1.80
DISCCART	595654.00	4171763.00	96.28	101.23	1.80
DISCCART	595674.00	4171763.00	96.19	101.17	1.80
DISCCART	595694.00	4171763.00	100.58	100.58	1.80
DISCCART	595714.00	4171763.00	100.64	100.64	1.80
DISCCART	595734.00	4171763.00	98.51	101.14	1.80
DISCCART	595754.00	4171763.00	99.31	99.31	1.80
DISCCART	595534.00	4171783.00	101.02	101.47	1.80
DISCCART	595554.00	4171783.00	100.91	100.91	1.80
DISCCART	595574.00	4171783.00	100.49	100.49	1.80
DISCCART	595594.00	4171783.00	101.03	101.24	1.80
DISCCART	595614.00	4171783.00	101.08	101.08	1.80
DISCCART	595634.00	4171783.00	98.78	101.23	1.80
DISCCART	595654.00	4171783.00	96.81	101.23	1.80
DISCCART	595674.00	4171783.00	96.90	101.18	1.80
DISCCART	595694.00	4171783.00	101.09	101.09	1.80
DISCCART	595714.00	4171783.00	98.99	101.14	1.80
DISCCART	595734.00	4171783.00	99.01	99.01	1.80
DISCCART	595754.00	4171783.00	99.75	99.75	1.80
DISCCART	595774.00	4171783.00	99.74	99.74	1.80
DISCCART	595534.00	4171803.00	101.23	101.23	1.80
DISCCART	595554.00	4171803.00	101.24	101.45	1.80
DISCCART	595574.00	4171803.00	97.44	101.54	1.80
DISCCART	595594.00	4171803.00	97.57	101.30	1.80
DISCCART	595614.00	4171803.00	97.82	101.24	1.80
DISCCART	595634.00	4171803.00	98.75	101.23	1.80
DISCCART	595654.00	4171803.00	100.24	100.24	1.80
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DISCCART	595714.00	4171803.00	97.43	101.18	1.80
DISCCART	595734.00	4171803.00	99.30	99.30	1.80
DISCCART	595754.00	4171803.00	100.29	100.29	1.80
DISCCART	595514.00	4171823.00	99.60	101.28	1.80
DISCCART	595534.00	4171823.00	101.26	101.26	1.80
DISCCART	595554.00	4171823.00	100.86	101.53	1.80
DISCCART	595574.00	4171823.00	95.57	101.66	1.80
DISCCART	595594.00	4171823.00	95.80	101.66	1.80
DISCCART	595614.00	4171823.00	97.30	101.66	1.80
DISCCART	595634.00	4171823.00	97.25	101.43	1.80
DISCCART	595654.00	4171823.00	97.40	101.18	1.80
DISCCART	595674.00	4171823.00	99.00	101.18	1.80
DISCCART	595694.00	4171823.00	100.83	100.83	1.80
DISCCART	595714.00	4171823.00	97.63	101.18	1.80
DISCCART	595734.00	4171823.00	99.32	99.32	1.80
DISCCART	595754.00	4171823.00	99.75	99.75	1.80
DISCCART	595514.00	4171843.00	100.28	101.23	1.80
DISCCART	595534.00	4171843.00	101.27	101.27	1.80
DISCCART	595554.00	4171843.00	101.27	101.27	1.80
DISCCART	595574.00	4171843.00	97.82	101.61	1.80
DISCCART	595594.00	4171843.00	95.87	101.80	1.80
DISCCART	595614.00	4171843.00	97.52	101.66	1.80
DISCCART	595634.00	4171843.00	97.40	101.66	1.80
DISCCART	595654.00	4171843.00	97.51	101.60	1.80
DISCCART	595674.00	4171843.00	100.34	100.89	1.80
DISCCART	595694.00	4171843.00	100.08	100.91	1.80
DISCCART	595714.00	4171843.00	98.47	100.91	1.80
DISCCART	595734.00	4171843.00	99.46	99.46	1.80
DISCCART	595754.00	4171843.00	99.53	99.53	1.80
DISCCART	595514.00	4171863.00	100.93	100.93	1.80
DISCCART	595534.00	4171863.00	101.26	101.26	1.80
DISCCART	595554.00	4171863.00	101.28	101.28	1.80
DISCCART	595574.00	4171863.00	101.38	101.38	1.80
DISCCART	595594.00	4171863.00	101.46	101.46	1.80
DISCCART	595614.00	4171863.00	101.55	101.55	1.80

DISCCART	595634.00	4171863.00	100.20	101.60	1.80
DISCCART	595654.00	4171863.00	97.64	101.68	1.80
DISCCART	595674.00	4171863.00	100.92	100.92	1.80
DISCCART	595694.00	4171863.00	99.01	101.10	1.80
DISCCART	595714.00	4171863.00	99.23	100.86	1.80
DISCCART	595734.00	4171863.00	99.62	100.86	1.80
DISCCART	595754.00	4171863.00	99.50	99.50	1.80
DISCCART	595774.00	4171863.00	99.38	99.38	1.80
DISCCART	595794.00	4171863.00	99.11	99.73	1.80
DISCCART	595814.00	4171863.00	99.19	99.72	1.80
DISCCART	595514.00	4171883.00	100.60	100.60	1.80
DISCCART	595534.00	4171883.00	100.66	100.66	1.80
DISCCART	595554.00	4171883.00	101.08	101.08	1.80
DISCCART	595574.00	4171883.00	101.55	101.55	1.80
DISCCART	595594.00	4171883.00	101.55	101.55	1.80
DISCCART	595614.00	4171883.00	101.64	101.64	1.80
DISCCART	595634.00	4171883.00	101.55	101.55	1.80
DISCCART	595654.00	4171883.00	100.36	101.37	1.80
DISCCART	595674.00	4171883.00	100.97	100.97	1.80
DISCCART	595694.00	4171883.00	99.19	100.88	1.80
DISCCART	595714.00	4171883.00	98.97	100.86	1.80
DISCCART	595734.00	4171883.00	99.35	99.35	1.80
DISCCART	595754.00	4171883.00	99.53	99.53	1.80
DISCCART	595774.00	4171883.00	99.40	99.40	1.80
DISCCART	595794.00	4171883.00	99.66	99.66	1.80
DISCCART	595814.00	4171883.00	99.07	99.07	1.80
DISCCART	595514.00	4171903.00	101.04	101.04	1.80
DISCCART	595534.00	4171903.00	101.38	101.38	1.80
DISCCART	595554.00	4171903.00	101.30	101.30	1.80
DISCCART	595574.00	4171903.00	100.94	100.94	1.80
DISCCART	595594.00	4171903.00	101.02	101.02	1.80
DISCCART	595614.00	4171903.00	101.05	101.05	1.80
DISCCART	595634.00	4171903.00	101.56	101.56	1.80
DISCCART	595654.00	4171903.00	100.97	100.97	1.80
DISCCART	595674.00	4171903.00	100.79	100.79	1.80
DISCCART	595694.00	4171903.00	100.26	100.26	1.80
DISCCART	595714.00	4171903.00	97.48	100.71	1.80
DISCCART	595734.00	4171903.00	99.33	99.33	1.80
DISCCART	595754.00	4171903.00	98.86	99.66	1.80
DISCCART	595774.00	4171903.00	98.61	98.61	1.80
DISCCART	595794.00	4171903.00	98.62	98.62	1.80
DISCCART	595814.00	4171903.00	98.89	98.89	1.80
DISCCART	595534.00	4171923.00	101.21	101.21	1.80
DISCCART	595554.00	4171923.00	101.31	101.31	1.80
DISCCART	595574.00	4171923.00	101.25	101.25	1.80
DISCCART	595594.00	4171923.00	101.13	101.13	1.80
DISCCART	595614.00	4171923.00	100.94	100.94	1.80
DISCCART	595634.00	4171923.00	100.89	100.89	1.80
DISCCART	595654.00	4171923.00	100.97	100.97	1.80
DISCCART	595674.00	4171923.00	100.68	100.68	1.80
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DISCCART	595794.00	4171923.00	98.59	98.59	1.80
DISCCART	595814.00	4171923.00	98.67	98.67	1.80
DISCCART	595534.00	4171943.00	100.87	100.87	1.80
DISCCART	595554.00	4171943.00	101.23	101.23	1.80
DISCCART	595574.00	4171943.00	101.20	101.20	1.80
DISCCART	595594.00	4171943.00	101.19	101.19	1.80
DISCCART	595614.00	4171943.00	101.09	101.09	1.80
DISCCART	595634.00	4171943.00	100.97	100.97	1.80
DISCCART	595654.00	4171943.00	100.92	100.92	1.80
DISCCART	595674.00	4171943.00	100.66	100.66	1.80
DISCCART	595694.00	4171943.00	100.51	100.51	1.80

DISCCART	595554.00	4171963.00	100.97	100.97	1.80
DISCCART	595574.00	4171963.00	101.11	101.11	1.80
DISCCART	595594.00	4171963.00	101.05	101.05	1.80
DISCCART	595614.00	4171963.00	101.02	101.02	1.80
DISCCART	595634.00	4171963.00	100.84	100.84	1.80
DISCCART	595654.00	4171963.00	100.92	100.92	1.80
DISCCART	595674.00	4171963.00	100.84	100.84	1.80
DISCCART	595574.00	4171983.00	100.92	100.92	1.80
DISCCART	595074.00	4172423.00	101.37	101.37	1.80
DISCCART	595094.00	4172423.00	101.32	101.32	1.80
DISCCART	595074.00	4172443.00	101.51	101.51	1.80
DISCCART	595094.00	4172443.00	101.39	101.39	1.80
DISCCART	595114.00	4172443.00	101.38	101.38	1.80
DISCCART	595134.00	4172443.00	101.30	101.30	1.80
DISCCART	595054.00	4172463.00	101.45	101.45	1.80
DISCCART	595074.00	4172463.00	101.44	101.44	1.80
DISCCART	595094.00	4172463.00	101.45	101.45	1.80
DISCCART	595114.00	4172463.00	101.44	101.44	1.80
DISCCART	595054.00	4172483.00	102.88	103.72	1.80
DISCCART	595074.00	4172483.00	101.50	103.72	1.80
DISCCART	595094.00	4172483.00	101.42	101.42	1.80
DISCCART	595114.00	4172483.00	101.42	101.42	1.80
DISCCART	595034.00	4172503.00	101.51	101.51	1.80
DISCCART	595054.00	4172503.00	101.99	103.72	1.80
DISCCART	595074.00	4172503.00	101.81	101.81	1.80
DISCCART	595094.00	4172503.00	101.61	101.61	1.80
DISCCART	595114.00	4172503.00	101.25	101.25	1.80
DISCCART	595034.00	4172523.00	101.52	101.52	1.80
DISCCART	595054.00	4172523.00	101.41	101.41	1.80
DISCCART	595074.00	4172523.00	101.32	101.32	1.80
DISCCART	595094.00	4172523.00	101.69	101.69	1.80
DISCCART	595034.00	4172543.00	101.56	101.56	1.80
DISCCART	595054.00	4172543.00	101.38	101.38	1.80
DISCCART	595074.00	4172543.00	101.42	101.42	1.80
DISCCART	595094.00	4172543.00	101.27	101.27	1.80
DISCCART	595014.00	4172563.00	101.40	101.40	1.80
DISCCART	595034.00	4172563.00	101.46	101.46	1.80
DISCCART	595054.00	4172563.00	101.48	101.48	1.80
DISCCART	595074.00	4172563.00	101.58	101.58	1.80
DISCCART	595094.00	4172563.00	101.36	101.36	1.80
DISCCART	595014.00	4172583.00	101.37	101.37	1.80
DISCCART	595034.00	4172583.00	101.56	101.56	1.80
DISCCART	595054.00	4172583.00	101.50	101.50	1.80
DISCCART	595074.00	4172583.00	101.60	101.60	1.80
DISCCART	595034.00	4172603.00	101.28	101.28	1.80
DISCCART	595054.00	4172603.00	101.45	101.45	1.80
DISCCART	595074.00	4172603.00	101.45	101.45	1.80
DISCCART	595534.00	4172643.00	100.66	100.66	1.80
DISCCART	595554.00	4172643.00	100.68	100.68	1.80
DISCCART	595574.00	4172643.00	100.98	100.98	1.80
DISCCART	595534.00	4172663.00	100.70	100.70	1.80
DISCCART	595554.00	4172663.00	100.77	100.77	1.80
DISCCART	595574.00	4172663.00	100.96	100.96	1.80
DISCCART	595534.00	4172683.00	100.64	100.64	1.80
DISCCART	595554.00	4172683.00	100.72	100.72	1.80
DISCCART	595574.00	4172683.00	100.77	100.77	1.80
DISCCART	595294.00	4172743.00	99.98	99.98	1.80
DISCCART	595314.00	4172743.00	100.38	100.38	1.80
DISCCART	595334.00	4172743.00	100.45	100.45	1.80
DISCCART	595534.00	4172743.00	100.34	100.34	1.80
DISCCART	595294.00	4172763.00	99.71	99.71	1.80
DISCCART	595314.00	4172763.00	100.29	100.29	1.80
DISCCART	595334.00	4172763.00	100.28	100.28	1.80
DISCCART	595354.00	4172763.00	99.74	99.74	1.80

DISCCART	595374.00	4172763.00	100.40	100.40	1.80
DISCCART	595534.00	4172763.00	100.36	100.36	1.80
DISCCART	595554.00	4172763.00	100.48	100.48	1.80
DISCCART	595574.00	4172763.00	100.45	100.45	1.80
DISCCART	594934.00	4172783.00	101.40	101.40	1.80
DISCCART	594954.00	4172783.00	102.11	102.11	1.80
DISCCART	594974.00	4172783.00	102.15	102.15	1.80
DISCCART	595274.00	4172783.00	99.65	99.65	1.80
DISCCART	595354.00	4172783.00	100.44	100.44	1.80
DISCCART	595374.00	4172783.00	100.72	100.72	1.80
DISCCART	595394.00	4172783.00	100.71	100.71	1.80
DISCCART	595414.00	4172783.00	100.60	100.60	1.80
DISCCART	595434.00	4172783.00	100.41	100.41	1.80
DISCCART	595514.00	4172783.00	100.26	100.26	1.80
DISCCART	595534.00	4172783.00	100.31	100.31	1.80
DISCCART	595554.00	4172783.00	100.43	100.43	1.80
DISCCART	595574.00	4172783.00	100.28	100.28	1.80
DISCCART	595594.00	4172783.00	100.51	100.51	1.80
DISCCART	595614.00	4172783.00	100.48	100.48	1.80
DISCCART	595634.00	4172783.00	100.67	100.67	1.80
DISCCART	594894.00	4172803.00	102.16	102.16	1.80
DISCCART	594914.00	4172803.00	102.17	102.17	1.80
DISCCART	594934.00	4172803.00	101.92	101.92	1.80
DISCCART	594954.00	4172803.00	102.04	102.04	1.80
DISCCART	594974.00	4172803.00	101.95	101.95	1.80
DISCCART	595274.00	4172803.00	100.01	100.01	1.80
DISCCART	595294.00	4172803.00	100.30	100.30	1.80
DISCCART	595314.00	4172803.00	100.11	100.11	1.80
DISCCART	595354.00	4172803.00	100.25	100.25	1.80
DISCCART	595374.00	4172803.00	100.60	100.60	1.80
DISCCART	595394.00	4172803.00	100.74	100.74	1.80
DISCCART	595414.00	4172803.00	100.67	100.67	1.80
DISCCART	595434.00	4172803.00	100.70	100.70	1.80
DISCCART	595454.00	4172803.00	100.69	100.69	1.80
DISCCART	595474.00	4172803.00	100.41	100.41	1.80
DISCCART	595534.00	4172803.00	100.13	100.13	1.80
DISCCART	595554.00	4172803.00	100.34	100.34	1.80
DISCCART	595574.00	4172803.00	100.23	100.23	1.80
DISCCART	595594.00	4172803.00	100.53	100.53	1.80
DISCCART	595614.00	4172803.00	100.44	100.44	1.80
DISCCART	595634.00	4172803.00	100.46	100.46	1.80
DISCCART	595654.00	4172803.00	100.59	100.59	1.80
DISCCART	595674.00	4172803.00	100.79	100.79	1.80
DISCCART	594874.00	4172823.00	102.62	102.62	1.80
DISCCART	594894.00	4172823.00	102.35	102.35	1.80
DISCCART	594914.00	4172823.00	102.14	102.14	1.80
DISCCART	594934.00	4172823.00	102.01	102.01	1.80
DISCCART	594954.00	4172823.00	102.05	102.05	1.80
DISCCART	595254.00	4172823.00	100.08	100.08	1.80
DISCCART	595274.00	4172823.00	100.22	100.22	1.80
DISCCART	595294.00	4172823.00	100.30	100.30	1.80
DISCCART	595334.00	4172823.00	100.00	100.00	1.80
DISCCART	595354.00	4172823.00	100.37	100.37	1.80
DISCCART	595374.00	4172823.00	100.34	100.34	1.80
DISCCART	595394.00	4172823.00	100.54	100.54	1.80
DISCCART	595414.00	4172823.00	100.72	100.72	1.80
DISCCART	595434.00	4172823.00	100.70	100.70	1.80
DISCCART	595454.00	4172823.00	100.70	100.70	1.80
DISCCART	595474.00	4172823.00	100.76	100.76	1.80
DISCCART	595494.00	4172823.00	100.60	100.60	1.80
DISCCART	595514.00	4172823.00	100.46	100.46	1.80
DISCCART	595534.00	4172823.00	100.26	100.26	1.80
DISCCART	595574.00	4172823.00	100.11	100.11	1.80
DISCCART	595594.00	4172823.00	100.30	100.30	1.80

DISCCART	595614.00	4172823.00	100.30	100.30	1.80
DISCCART	595634.00	4172823.00	100.44	100.44	1.80
DISCCART	595654.00	4172823.00	100.49	100.49	1.80
DISCCART	595674.00	4172823.00	100.62	103.26	1.80
DISCCART	594874.00	4172843.00	102.26	102.26	1.80
DISCCART	594894.00	4172843.00	102.58	102.58	1.80
DISCCART	594914.00	4172843.00	102.24	102.24	1.80
DISCCART	594934.00	4172843.00	102.03	102.03	1.80
DISCCART	594954.00	4172843.00	102.09	102.09	1.80
DISCCART	595254.00	4172843.00	100.26	100.26	1.80
DISCCART	595274.00	4172843.00	100.08	100.08	1.80
DISCCART	595294.00	4172843.00	100.10	100.10	1.80
DISCCART	595334.00	4172843.00	100.21	100.21	1.80
DISCCART	595354.00	4172843.00	100.33	100.33	1.80
DISCCART	595374.00	4172843.00	100.38	100.38	1.80
DISCCART	595394.00	4172843.00	100.49	100.49	1.80
DISCCART	595414.00	4172843.00	100.47	100.47	1.80
DISCCART	595434.00	4172843.00	100.54	100.54	1.80
DISCCART	595454.00	4172843.00	100.52	100.52	1.80
DISCCART	595474.00	4172843.00	100.76	100.76	1.80
DISCCART	595494.00	4172843.00	100.63	100.63	1.80
DISCCART	595514.00	4172843.00	100.50	100.50	1.80
DISCCART	595534.00	4172843.00	100.56	100.56	1.80
DISCCART	595554.00	4172843.00	100.48	100.48	1.80
DISCCART	595574.00	4172843.00	100.20	100.20	1.80
DISCCART	595634.00	4172843.00	100.47	100.47	1.80
DISCCART	595654.00	4172843.00	100.55	100.55	1.80
DISCCART	595674.00	4172843.00	100.74	103.38	1.80
DISCCART	594854.00	4172863.00	102.28	102.28	1.80
DISCCART	594874.00	4172863.00	102.02	102.02	1.80
DISCCART	594894.00	4172863.00	102.50	102.50	1.80
DISCCART	594914.00	4172863.00	102.54	102.54	1.80
DISCCART	594934.00	4172863.00	102.11	102.11	1.80
DISCCART	595234.00	4172863.00	100.45	100.45	1.80
DISCCART	595254.00	4172863.00	100.52	100.52	1.80
DISCCART	595274.00	4172863.00	100.51	100.51	1.80
DISCCART	595294.00	4172863.00	99.89	99.89	1.80
DISCCART	595314.00	4172863.00	99.89	99.89	1.80
DISCCART	595334.00	4172863.00	100.11	100.11	1.80
DISCCART	595354.00	4172863.00	100.36	100.36	1.80
DISCCART	595374.00	4172863.00	100.26	100.26	1.80
DISCCART	595394.00	4172863.00	100.54	100.54	1.80
DISCCART	595414.00	4172863.00	100.48	100.48	1.80
DISCCART	595434.00	4172863.00	100.43	100.43	1.80
DISCCART	595454.00	4172863.00	100.19	100.19	1.80
DISCCART	595474.00	4172863.00	100.32	100.32	1.80
DISCCART	595494.00	4172863.00	100.36	100.36	1.80
DISCCART	595514.00	4172863.00	100.45	100.45	1.80
DISCCART	595534.00	4172863.00	100.66	100.66	1.80
DISCCART	595554.00	4172863.00	100.59	100.59	1.80
DISCCART	595574.00	4172863.00	100.11	100.11	1.80
DISCCART	595594.00	4172863.00	99.98	99.98	1.80
DISCCART	595614.00	4172863.00	99.80	99.80	1.80
DISCCART	594854.00	4172883.00	102.58	102.58	1.80
DISCCART	594874.00	4172883.00	102.60	102.60	1.80
DISCCART	594894.00	4172883.00	102.69	102.69	1.80
DISCCART	594914.00	4172883.00	102.66	102.66	1.80
DISCCART	595234.00	4172883.00	100.47	100.47	1.80
DISCCART	595254.00	4172883.00	100.54	100.54	1.80
DISCCART	595274.00	4172883.00	100.54	100.54	1.80
DISCCART	595294.00	4172883.00	100.20	100.20	1.80
DISCCART	595314.00	4172883.00	100.36	100.36	1.80
DISCCART	595334.00	4172883.00	100.08	100.08	1.80
DISCCART	595374.00	4172883.00	99.88	99.88	1.80

DISCCART	595394.00	4172883.00	100.28	100.28	1.80
DISCCART	595414.00	4172883.00	100.34	100.34	1.80
DISCCART	595434.00	4172883.00	100.04	100.04	1.80
DISCCART	595454.00	4172883.00	100.23	100.23	1.80
DISCCART	595474.00	4172883.00	100.21	100.21	1.80
DISCCART	595494.00	4172883.00	100.31	100.31	1.80
DISCCART	595514.00	4172883.00	100.17	100.17	1.80
DISCCART	595534.00	4172883.00	100.31	100.31	1.80
DISCCART	595554.00	4172883.00	100.20	100.20	1.80
DISCCART	595574.00	4172883.00	99.94	99.94	1.80
DISCCART	595594.00	4172883.00	100.18	100.18	1.80
DISCCART	595614.00	4172883.00	100.32	100.32	1.80
DISCCART	595634.00	4172883.00	100.41	100.41	1.80
DISCCART	595654.00	4172883.00	100.41	103.37	1.80
DISCCART	594854.00	4172903.00	102.65	102.65	1.80
DISCCART	594874.00	4172903.00	102.65	102.65	1.80
DISCCART	594894.00	4172903.00	102.74	102.74	1.80
DISCCART	594914.00	4172903.00	102.69	102.69	1.80
DISCCART	595234.00	4172903.00	100.47	100.47	1.80
DISCCART	595254.00	4172903.00	100.53	100.53	1.80
DISCCART	595274.00	4172903.00	100.45	100.45	1.80
DISCCART	595294.00	4172903.00	100.31	100.31	1.80
DISCCART	595314.00	4172903.00	100.46	100.46	1.80
DISCCART	595334.00	4172903.00	100.21	100.21	1.80
DISCCART	595354.00	4172903.00	100.39	100.39	1.80
DISCCART	595374.00	4172903.00	100.21	100.21	1.80
DISCCART	595414.00	4172903.00	99.79	99.79	1.80
DISCCART	595434.00	4172903.00	99.89	99.89	1.80
DISCCART	595454.00	4172903.00	100.08	100.08	1.80
DISCCART	595474.00	4172903.00	100.22	100.22	1.80
DISCCART	595494.00	4172903.00	100.21	100.21	1.80
DISCCART	595514.00	4172903.00	100.31	100.31	1.80
DISCCART	595534.00	4172903.00	100.36	100.36	1.80
DISCCART	595554.00	4172903.00	100.06	100.06	1.80
DISCCART	595574.00	4172903.00	99.89	99.89	1.80
DISCCART	595594.00	4172903.00	100.29	100.29	1.80
DISCCART	595614.00	4172903.00	100.53	100.53	1.80
DISCCART	595634.00	4172903.00	100.50	100.50	1.80
DISCCART	594854.00	4172923.00	102.77	102.77	1.80
DISCCART	594874.00	4172923.00	102.64	102.64	1.80
DISCCART	594894.00	4172923.00	102.66	102.66	1.80
DISCCART	594914.00	4172923.00	102.49	102.49	1.80
DISCCART	595254.00	4172923.00	100.40	100.40	1.80
DISCCART	595274.00	4172923.00	100.38	100.38	1.80
DISCCART	595294.00	4172923.00	100.46	100.46	1.80
DISCCART	595314.00	4172923.00	100.49	100.49	1.80
DISCCART	595334.00	4172923.00	100.20	100.20	1.80
DISCCART	595354.00	4172923.00	100.48	100.48	1.80
DISCCART	595374.00	4172923.00	100.49	100.49	1.80
DISCCART	595394.00	4172923.00	100.39	100.39	1.80
DISCCART	595414.00	4172923.00	100.14	100.14	1.80
DISCCART	595474.00	4172923.00	99.91	99.91	1.80
DISCCART	595494.00	4172923.00	100.23	100.23	1.80
DISCCART	595514.00	4172923.00	100.34	100.34	1.80
DISCCART	595534.00	4172923.00	100.43	100.43	1.80
DISCCART	595554.00	4172923.00	100.04	100.04	1.80
DISCCART	595574.00	4172923.00	100.11	100.11	1.80
DISCCART	595594.00	4172923.00	100.30	100.30	1.80
DISCCART	595614.00	4172923.00	100.19	100.19	1.80
DISCCART	595634.00	4172923.00	100.40	103.39	1.80
DISCCART	595314.00	4172943.00	100.39	100.39	1.80
DISCCART	595334.00	4172943.00	100.45	100.45	1.80
DISCCART	595354.00	4172943.00	100.45	100.45	1.80
DISCCART	595374.00	4172943.00	100.46	100.46	1.80

DISCCART	595394.00	4172943.00	100.23	100.23	1.80
DISCCART	595414.00	4172943.00	100.25	100.25	1.80
DISCCART	595434.00	4172943.00	100.18	100.18	1.80
DISCCART	595454.00	4172943.00	100.13	100.13	1.80
DISCCART	595514.00	4172943.00	100.03	100.03	1.80
DISCCART	595534.00	4172943.00	100.11	100.11	1.80
DISCCART	595554.00	4172943.00	100.06	100.06	1.80
DISCCART	595574.00	4172943.00	100.35	100.35	1.80
DISCCART	595594.00	4172943.00	100.30	100.30	1.80
DISCCART	595614.00	4172943.00	100.17	100.17	1.80
DISCCART	595634.00	4172943.00	100.44	103.44	1.80
DISCCART	595314.00	4172963.00	100.56	100.56	1.80
DISCCART	595334.00	4172963.00	100.25	100.25	1.80
DISCCART	595354.00	4172963.00	100.32	100.32	1.80
DISCCART	595374.00	4172963.00	100.34	100.34	1.80
DISCCART	595394.00	4172963.00	100.33	100.33	1.80
DISCCART	595414.00	4172963.00	100.34	100.34	1.80
DISCCART	595434.00	4172963.00	100.25	100.25	1.80
DISCCART	595454.00	4172963.00	100.28	100.28	1.80
DISCCART	595474.00	4172963.00	100.51	100.51	1.80
DISCCART	595494.00	4172963.00	100.29	100.29	1.80
DISCCART	595514.00	4172963.00	100.21	100.21	1.80
DISCCART	595554.00	4172963.00	100.17	100.17	1.80
DISCCART	595574.00	4172963.00	100.25	100.25	1.80
DISCCART	595594.00	4172963.00	100.29	100.29	1.80
DISCCART	595614.00	4172963.00	100.18	103.44	1.80
DISCCART	595314.00	4172983.00	100.55	100.55	1.80
DISCCART	595334.00	4172983.00	100.31	100.31	1.80
DISCCART	595354.00	4172983.00	100.27	100.27	1.80
DISCCART	595374.00	4172983.00	100.28	100.28	1.80
DISCCART	595394.00	4172983.00	100.20	100.20	1.80
DISCCART	595414.00	4172983.00	100.26	100.26	1.80
DISCCART	595434.00	4172983.00	100.19	100.19	1.80
DISCCART	595454.00	4172983.00	100.19	100.19	1.80
DISCCART	595474.00	4172983.00	100.46	100.46	1.80
DISCCART	595494.00	4172983.00	100.32	100.32	1.80
DISCCART	595514.00	4172983.00	100.53	100.53	1.80
DISCCART	595534.00	4172983.00	100.46	100.46	1.80
DISCCART	595554.00	4172983.00	100.33	100.33	1.80
DISCCART	595574.00	4172983.00	100.62	100.62	1.80
DISCCART	595594.00	4172983.00	100.58	100.58	1.80
DISCCART	595614.00	4172983.00	100.33	103.43	1.80
DISCCART	595314.00	4173003.00	100.23	100.23	1.80
DISCCART	595334.00	4173003.00	100.48	100.48	1.80
DISCCART	595354.00	4173003.00	100.39	100.39	1.80
DISCCART	595374.00	4173003.00	100.29	100.29	1.80
DISCCART	595394.00	4173003.00	100.31	100.31	1.80
DISCCART	595414.00	4173003.00	100.26	100.26	1.80
DISCCART	595434.00	4173003.00	100.22	100.22	1.80
DISCCART	595454.00	4173003.00	100.15	100.15	1.80
DISCCART	595474.00	4173003.00	100.35	100.35	1.80
DISCCART	595494.00	4173003.00	100.40	100.40	1.80
DISCCART	595514.00	4173003.00	100.52	100.52	1.80
DISCCART	595534.00	4173003.00	100.50	100.50	1.80
DISCCART	595554.00	4173003.00	100.45	100.45	1.80
DISCCART	595574.00	4173003.00	100.80	100.80	1.80
DISCCART	595594.00	4173003.00	100.73	100.73	1.80
DISCCART	595294.00	4173023.00	100.68	100.68	1.80
DISCCART	595314.00	4173023.00	100.70	100.70	1.80
DISCCART	595334.00	4173023.00	100.49	100.49	1.80
DISCCART	595354.00	4173023.00	100.38	100.38	1.80
DISCCART	595374.00	4173023.00	100.33	100.33	1.80
DISCCART	595394.00	4173023.00	100.27	100.27	1.80
DISCCART	595414.00	4173023.00	100.22	100.22	1.80

DISCCART	595434.00	4173023.00	100.42	100.42	1.80
DISCCART	595454.00	4173023.00	100.45	100.45	1.80
DISCCART	595474.00	4173023.00	100.49	100.49	1.80
DISCCART	595494.00	4173023.00	100.41	100.41	1.80
DISCCART	595514.00	4173023.00	100.53	100.53	1.80
DISCCART	595534.00	4173023.00	100.53	100.53	1.80
DISCCART	595554.00	4173023.00	100.59	100.59	1.80
DISCCART	595574.00	4173023.00	100.77	100.77	1.80
DISCCART	595594.00	4173023.00	100.64	103.48	1.80
DISCCART	595294.00	4173043.00	100.56	100.56	1.80
DISCCART	595314.00	4173043.00	100.62	100.62	1.80
DISCCART	595334.00	4173043.00	100.43	100.43	1.80
DISCCART	595354.00	4173043.00	100.37	100.37	1.80
DISCCART	595374.00	4173043.00	100.31	100.31	1.80
DISCCART	595394.00	4173043.00	100.26	100.26	1.80
DISCCART	595414.00	4173043.00	100.40	100.40	1.80
DISCCART	595434.00	4173043.00	100.52	100.52	1.80
DISCCART	595454.00	4173043.00	100.60	100.60	1.80
DISCCART	595474.00	4173043.00	100.68	100.68	1.80
DISCCART	595494.00	4173043.00	100.53	100.53	1.80
DISCCART	595514.00	4173043.00	100.67	100.67	1.80
DISCCART	595534.00	4173043.00	100.82	100.82	1.80
DISCCART	595554.00	4173043.00	100.80	100.80	1.80
DISCCART	595574.00	4173043.00	100.76	100.76	1.80
DISCCART	595294.00	4173063.00	100.51	100.51	1.80
DISCCART	595314.00	4173063.00	100.50	100.50	1.80
DISCCART	595334.00	4173063.00	100.41	100.41	1.80
DISCCART	595354.00	4173063.00	100.35	100.35	1.80
DISCCART	595374.00	4173063.00	100.33	100.33	1.80
DISCCART	595394.00	4173063.00	100.53	100.53	1.80
DISCCART	595414.00	4173063.00	100.71	100.71	1.80
DISCCART	595434.00	4173063.00	100.79	100.79	1.80
DISCCART	595454.00	4173063.00	100.69	100.69	1.80
DISCCART	595474.00	4173063.00	100.66	100.66	1.80
DISCCART	595494.00	4173063.00	100.46	100.46	1.80
DISCCART	595514.00	4173063.00	100.62	100.62	1.80
DISCCART	595534.00	4173063.00	100.90	100.90	1.80
DISCCART	595554.00	4173063.00	100.86	100.86	1.80
DISCCART	595574.00	4173063.00	101.05	101.05	1.80
DISCCART	595354.00	4173083.00	100.42	100.42	1.80
DISCCART	595374.00	4173083.00	100.64	100.64	1.80
DISCCART	595394.00	4173083.00	100.88	100.88	1.80
DISCCART	595414.00	4173083.00	101.03	101.03	1.80
DISCCART	595434.00	4173083.00	101.05	101.05	1.80
DISCCART	595454.00	4173083.00	100.81	100.81	1.80
DISCCART	595474.00	4173083.00	100.59	100.59	1.80
DISCCART	595494.00	4173083.00	100.00	100.00	1.80
DISCCART	595514.00	4173083.00	100.10	101.15	1.80
DISCCART	595534.00	4173083.00	100.98	100.98	1.80
DISCCART	595554.00	4173083.00	100.83	100.83	1.80
DISCCART	595574.00	4173083.00	101.15	101.15	1.80
DISCCART	595334.00	4173103.00	100.68	100.68	1.80
DISCCART	595354.00	4173103.00	100.70	100.70	1.80
DISCCART	595374.00	4173103.00	100.97	100.97	1.80
DISCCART	595394.00	4173103.00	101.23	101.23	1.80
DISCCART	595414.00	4173103.00	101.35	101.35	1.80
DISCCART	595434.00	4173103.00	101.31	101.31	1.80
DISCCART	595454.00	4173103.00	100.90	100.90	1.80
DISCCART	595474.00	4173103.00	100.45	100.45	1.80
DISCCART	595494.00	4173103.00	99.96	99.96	1.80
DISCCART	595514.00	4173103.00	101.04	101.04	1.80
DISCCART	595334.00	4173123.00	101.04	101.04	1.80
DISCCART	595354.00	4173123.00	101.14	101.14	1.80
DISCCART	595374.00	4173123.00	101.35	101.35	1.80

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   DISCCART    595394.00   4173123.00  101.55  101.55    1.80
   DISCCART    595414.00   4173123.00  101.55  101.55    1.80
   DISCCART    595434.00   4173123.00  101.41  101.41    1.80
   DISCCART    595454.00   4173123.00  100.91  100.91    1.80
   DISCCART    595474.00   4173123.00  100.19  100.19    1.80
   DISCCART    595494.00   4173123.00   99.99   99.99    1.80
   DISCCART    595514.00   4173123.00  101.16  101.16    1.80
   DISCCART    595354.00   4173143.00  101.45  101.45    1.80
   DISCCART    595374.00   4173143.00  101.56  101.56    1.80
   DISCCART    595394.00   4173143.00  101.52  101.52    1.80
   DISCCART    595414.00   4173143.00  100.68  101.67    1.80
   DISCCART    595434.00   4173143.00  100.68  100.68    1.80
   DISCCART    595494.00   4173143.00  101.03  101.03    1.80
   DISCCART    595354.00   4173163.00  101.34  101.34    1.80
   DISCCART    595374.00   4173163.00  101.54  101.54    1.80
   DISCCART    595394.00   4173163.00  101.61  101.61    1.80
   DISCCART    595414.00   4173163.00  101.03  101.61    1.80
   DISCCART    595434.00   4173163.00  101.09  101.09    1.80
   DISCCART    595374.00   4173183.00  101.54  101.54    1.80
   DISCCART    595394.00   4173183.00  101.69  101.69    1.80
   DISCCART    595414.00   4173183.00  101.66  101.66    1.80
   DISCCART    595434.00   4173183.00  101.62  101.62    1.80
** DESCRREC "DAYCARE" "LOVE AND CARE CHRISTIAN PRESHOOL"
   DISCCART    595203.12   4172931.43  100.67  100.67    0.50
** DESCRREC "GYM-CSP" "CLUBSPORT PLEASANTON"
   DISCCART    595305.29   4173022.49  100.77  100.77    1.80
** DESCRREC "P-SCHOOL" "SAKURA GAKUEN SCHOOL"
   DISCCART    596059.85   4172738.92   99.91   99.91    0.50
** DESCRREC "VVPARK" "VAL VISTA PARK (HOCKEY, SKATE, AND WATER)"
   DISCCART    595782.40   4171913.24   98.53   98.53    1.80
   DISCCART    595790.49   4171877.76   99.65   99.65    1.80
   DISCCART    595826.59   4171700.37  100.23  100.23    1.80
   DISCCART    595857.85   4171568.40  100.14  100.14    1.80
** DESCRREC "LFLGHT" "LIFELIGHT GYM"
   DISCCART    595427.66   4172811.08  100.71  100.71    1.80
** DESCRREC "CRSFIT" "CROSSFIT PLEASANTON"
   DISCCART    595616.96   4172890.78  100.40  100.40    1.80
** DESCRREC "VBALL" "NORCAL VOLLEYBALL"
   DISCCART    595465.61   4172972.42  100.46  100.46    1.80
** DESCRREC "TPCBBALL" "TPC BASEBALL"
   DISCCART    595413.93   4172953.11  100.29  100.29    1.80
** DESCRREC "ONSITE" "ONISTE WORKERS IN EDZ"
   DISCCART    595207.62   4172857.58  100.54  100.54    1.80
   DISCCART    595229.35   4172793.73  100.13  100.13    1.80
   DISCCART    595251.41   4172717.21  100.32  100.32    1.80
   DISCCART    595276.16   4172654.64  100.20  100.20    1.80
** DESCRREC "RESVV" "RESIDENTS IN VAL VISTA NEIGHBORHOOOD/STONEDALE DR."
   DISCCART    595286.24   4171790.65  100.11  100.11    1.80
   DISCCART    595306.24   4171790.65  100.26  100.26    1.80
   DISCCART    595326.24   4171790.65  100.24  100.24    1.80
   DISCCART    595266.24   4171810.65  100.36  100.36    1.80
   DISCCART    595286.24   4171810.65  100.68  100.68    1.80
   DISCCART    595306.24   4171810.65   99.97   99.97    1.80
   DISCCART    595326.24   4171810.65  100.19  100.19    1.80
   DISCCART    595246.24   4171830.65  100.59  100.59    1.80
   DISCCART    595266.24   4171830.65  100.73  100.73    1.80
   DISCCART    595286.24   4171830.65  100.65  100.65    1.80
   DISCCART    595306.24   4171830.65  100.14  100.14    1.80
   DISCCART    595326.24   4171830.65  100.04  100.04    1.80
   DISCCART    595226.24   4171850.65  101.05  101.05    1.80
   DISCCART    595246.24   4171850.65  100.34  100.34    1.80
   DISCCART    595266.24   4171850.65  100.23  100.23    1.80
   DISCCART    595286.24   4171850.65  100.17  100.17    1.80
   DISCCART    595306.24   4171850.65  100.04  100.04    1.80
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   DISCCART    595326.24   4171850.65   99.91   99.91    1.80
   DISCCART    595206.24   4171870.65  100.71  100.71    1.80
   DISCCART    595226.24   4171870.65  100.49  100.49    1.80
   DISCCART    595246.24   4171870.65  100.36  100.36    1.80
   DISCCART    595266.24   4171870.65  100.43  100.43    1.80
   DISCCART    595286.24   4171870.65  100.24  100.24    1.80
   DISCCART    595306.24   4171870.65  100.03  100.03    1.80
   DISCCART    595186.24   4171890.65  100.62  100.62    1.80
   DISCCART    595206.24   4171890.65  100.56  100.56    1.80
   DISCCART    595226.24   4171890.65  100.56  100.56    1.80
   DISCCART    595246.24   4171890.65  100.42  100.42    1.80
   DISCCART    595266.24   4171890.65  100.37  100.37    1.80
   DISCCART    595286.24   4171890.65  100.16  100.16    1.80
   DISCCART    595306.24   4171890.65   99.95   99.95    1.80
   DISCCART    595186.24   4171910.65  100.75  100.75    1.80
   DISCCART    595206.24   4171910.65  100.77  100.77    1.80
   DISCCART    595226.24   4171910.65  100.62  100.62    1.80
   DISCCART    595246.24   4171910.65  100.36  100.36    1.80
   DISCCART    595266.24   4171910.65  100.13  100.13    1.80
   DISCCART    595286.24   4171910.65  100.18  100.18    1.80
   DISCCART    595306.24   4171910.65   99.82   99.82    1.80
   DISCCART    595166.24   4171930.65  100.92  100.92    1.80
   DISCCART    595186.24   4171930.65  100.86  100.86    1.80
   DISCCART    595206.24   4171930.65  100.62  100.62    1.80
   DISCCART    595226.24   4171930.65  100.67  100.67    1.80
   DISCCART    595246.24   4171930.65  100.18  100.18    1.80
   DISCCART    595266.24   4171930.65  100.13  100.13    1.80
   DISCCART    595286.24   4171930.65  100.02  100.02    1.80
   DISCCART    595166.24   4171950.65  100.84  100.84    1.80
   DISCCART    595186.24   4171950.65  100.89  100.89    1.80
   DISCCART    595206.24   4171950.65  100.76  100.76    1.80
   DISCCART    595226.24   4171950.65  100.90  100.90    1.80
   DISCCART    595246.24   4171950.65  100.36  100.36    1.80
   DISCCART    595266.24   4171950.65  100.14  100.14    1.80
   DISCCART    595286.24   4171950.65   99.77  107.32    1.80
   DISCCART    595146.24   4171970.65  101.29  101.29    1.80
   DISCCART    595166.24   4171970.65  101.33  101.33    1.80
   DISCCART    595186.24   4171970.65  101.08  101.08    1.80
   DISCCART    595206.24   4171970.65  100.90  100.90    1.80
   DISCCART    595226.24   4171970.65  100.83  100.83    1.80
   DISCCART    595246.24   4171970.65  100.10  106.99    1.80
   DISCCART    595266.24   4171970.65   99.89  107.46    1.80
   DISCCART    595146.24   4171990.65  101.35  101.35    1.80
   DISCCART    595166.24   4171990.65  101.30  101.30    1.80
   DISCCART    595186.24   4171990.65  101.06  101.06    1.80
   DISCCART    595206.24   4171990.65  100.90  100.90    1.80
** DESCRREC "RESSE" "RESIDENTS SOUTHEAST OF PROJECT"
   DISCCART    595852.66   4171825.33   99.74   99.74    1.80
   DISCCART    595852.66   4171845.33   99.78   99.78    1.80
   DISCCART    595852.66   4171865.33   99.69   99.69    1.80
   DISCCART    595872.66   4171865.33   99.79   99.79    1.80
   DISCCART    595892.66   4171865.33   99.86   99.86    1.80
   DISCCART    595832.66   4171885.33   99.37   99.37    1.80
   DISCCART    595852.66   4171885.33   99.45   99.45    1.80
   DISCCART    595872.66   4171885.33   99.52   99.52    1.80
   DISCCART    595892.66   4171885.33   99.54   99.54    1.80
   DISCCART    595832.66   4171905.33   99.29   99.29    1.80
   DISCCART    595852.66   4171905.33   99.02   99.02    1.80
   DISCCART    595872.66   4171905.33   98.96   98.96    1.80
   DISCCART    595892.66   4171905.33   99.22   99.22    1.80
   DISCCART    595912.66   4171905.33   99.73   99.73    1.80
   DISCCART    595832.66   4171925.33   99.44   99.44    1.80
   DISCCART    595852.66   4171925.33   99.31   99.31    1.80
   DISCCART    595872.66   4171925.33   99.35   99.35    1.80
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   DISCCART    595892.66   4171925.33   99.25   99.25    1.80
   DISCCART    595912.66   4171925.33   99.22   99.22    1.80
   DISCCART    595852.66   4171945.33   98.82   99.52    1.80
   DISCCART    595872.66   4171945.33   99.23   99.23    1.80
   DISCCART    595892.66   4171945.33   99.54   99.54    1.80
   DISCCART    595912.66   4171945.33   99.69   99.69    1.80
   DISCCART    595932.66   4171945.33   99.72   99.72    1.80
** DESCRREC "RESSAC" "RESIDENTS IN STONERIDE APARTMENT COMMUNITY"
   DISCCART    595102.43   4172101.44  101.15  101.15    1.80
   DISCCART    595122.43   4172101.44  101.08  101.08    1.80
   DISCCART    595142.43   4172101.44  100.79  100.79    1.80
   DISCCART    595102.43   4172121.44  101.30  101.30    1.80
   DISCCART    595122.43   4172121.44  101.38  101.38    1.80
   DISCCART    595142.43   4172121.44  101.01  101.01    1.80
   DISCCART    595082.43   4172141.44  101.31  101.31    1.80
   DISCCART    595102.43   4172141.44  101.46  101.46    1.80
   DISCCART    595122.43   4172141.44  101.38  101.38    1.80
   DISCCART    595142.43   4172141.44  101.11  101.11    1.80
   DISCCART    595082.43   4172161.44  101.25  101.25    1.80
   DISCCART    595102.43   4172161.44  101.06  101.06    1.80
   DISCCART    595122.43   4172161.44  101.27  101.27    1.80
   DISCCART    595142.43   4172161.44  101.12  101.12    1.80
   DISCCART    595082.43   4172181.44  101.25  101.25    1.80
   DISCCART    595102.43   4172181.44  101.21  101.21    1.80
   DISCCART    595122.43   4172181.44  101.20  101.20    1.80
   DISCCART    595142.43   4172181.44  101.14  101.14    1.80
   DISCCART    595062.43   4172201.44  101.41  101.41    1.80
   DISCCART    595082.43   4172201.44  101.39  101.39    1.80
   DISCCART    595102.43   4172201.44  101.22  101.22    1.80
   DISCCART    595122.43   4172201.44  101.25  101.25    1.80
   DISCCART    595142.43   4172201.44  101.17  101.17    1.80
   DISCCART    595162.43   4172201.44  101.10  101.10    1.80
   DISCCART    595062.43   4172221.44  101.58  101.58    1.80
   DISCCART    595082.43   4172221.44  101.52  101.52    1.80
   DISCCART    595102.43   4172221.44  101.27  101.27    1.80
   DISCCART    595122.43   4172221.44  101.40  101.40    1.80
   DISCCART    595142.43   4172221.44  101.38  101.38    1.80
   DISCCART    595162.43   4172221.44  101.37  101.37    1.80
   DISCCART    595062.43   4172241.44  101.58  101.58    1.80
   DISCCART    595082.43   4172241.44  101.45  101.45    1.80
   DISCCART    595102.43   4172241.44  101.45  101.45    1.80
   DISCCART    595122.43   4172241.44  101.47  101.47    1.80
   DISCCART    595142.43   4172241.44  101.20  101.20    1.80
   DISCCART    595162.43   4172241.44  100.91  100.91    1.80
   DISCCART    595062.43   4172261.44  101.37  101.37    1.80
   DISCCART    595082.43   4172261.44  101.09  101.09    1.80
   DISCCART    595102.43   4172261.44  101.67  101.67    1.80
   DISCCART    595122.43   4172261.44  101.62  101.62    1.80
   DISCCART    595142.43   4172261.44  101.14  101.14    1.80
   DISCCART    595042.43   4172281.44  101.57  101.57    1.80
   DISCCART    595062.43   4172281.44  101.39  101.39    1.80
   DISCCART    595082.43   4172281.44  101.16  101.16    1.80
   DISCCART    595102.43   4172281.44  101.95  101.95    1.80
   DISCCART    595122.43   4172281.44  101.19  101.19    1.80
   DISCCART    595142.43   4172281.44  101.14  101.14    1.80
   DISCCART    595162.43   4172281.44  101.26  101.26    1.80
   DISCCART    595042.43   4172301.44  101.66  101.66    1.80
   DISCCART    595062.43   4172301.44  101.40  101.40    1.80
   DISCCART    595082.43   4172301.44  101.54  101.54    1.80
   DISCCART    595102.43   4172301.44  101.89  101.89    1.80
   DISCCART    595122.43   4172301.44  101.51  101.51    1.80
   DISCCART    595142.43   4172301.44  101.33  101.33    1.80
   DISCCART    595162.43   4172301.44  101.23  101.23    1.80
   DISCCART    595042.43   4172321.44  101.52  101.52    1.80
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   DISCCART    595062.43   4172321.44  101.28  101.28    1.80
   DISCCART    595082.43   4172321.44  102.38  102.38    1.80
   DISCCART    595102.43   4172321.44  101.98  101.98    1.80
   DISCCART    595122.43   4172321.44  101.80  101.80    1.80
   DISCCART    595142.43   4172321.44  101.36  101.36    1.80
   DISCCART    595162.43   4172321.44  101.33  101.33    1.80
   DISCCART    595022.43   4172341.44  101.77  101.77    1.80
   DISCCART    595042.43   4172341.44  101.48  101.48    1.80
   DISCCART    595062.43   4172341.44  101.33  101.33    1.80
   DISCCART    595082.43   4172341.44  101.46  101.46    1.80
   DISCCART    595102.43   4172341.44  101.69  101.69    1.80
   DISCCART    595122.43   4172341.44  101.89  101.89    1.80
   DISCCART    595142.43   4172341.44  101.43  101.43    1.80
   DISCCART    595162.43   4172341.44  101.34  101.34    1.80
** DESCRREC "ONSITE" "ONISTE WORKERS IN EDZ"
   DISCCART    595509.20   4172311.10  100.59  100.59    1.80
** DESCRREC "GYM-CSP" "CLUBSPORT PLEASANTON"
   DISCCART    595453.66   4172369.33  100.43  100.43    1.80
** DESCRREC "KUNGFU" "KUNGU DRAGON USA"
   DISCCART    595568.33   4173021.18  100.77  100.77    1.80
** DESCRREC "FEDEX" "RECEPTORS GENERATED FROM UNIFORM CARTESIAN GRID"
   DISCCART    595515.00   4172097.00  100.63  100.63    1.80
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "CARTESIAN PLANT BOUNDARY PRIMARY RECEPTORS"
   DISCCART    595271.59   4172931.11  100.47  100.47    1.80
   DISCCART    595259.54   4172956.67  100.53  100.53    1.80
   DISCCART    595229.53   4172979.48  100.99  100.99    1.80
   DISCCART    595158.78   4172948.61  100.21  100.21    1.80
   DISCCART    595424.36   4172061.47   97.49  105.13    1.80
   DISCCART    595637.78   4172033.56  100.72  100.72    1.80
   DISCCART    595497.98   4172569.45  100.51  100.51    1.80
   DISCCART    595440.32   4172695.89  100.43  100.43    1.80
   DISCCART    595531.70   4172736.24  100.51  100.51    1.80
   DISCCART    595503.43   4172797.49   99.90   99.90    1.80
   DISCCART    595293.61   4172706.67  100.17  100.17    1.80
   DISCCART    595216.89   4172907.31  100.39  100.39    1.80
RE FINISHED
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** AERMOD Meteorology Pathway
**************************************
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ME STARTING
   SURFFILE "Livermore Met Data\724927.SFC"
   PROFFILE "Livermore Met Data\724927.PFL"
   SURFDATA 23285 2009
   UAIRDATA 23230 2009 OAKLAND/WSO_AP
   PROFBASE 119.8 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL P1.AD\PE00GALL.PLT 31
   PLOTFILE PERIOD CSCO-GEN P1.AD\PE00G001.PLT 32
   PLOTFILE PERIOD HOTL-GEN P1.AD\PE00G002.PLT 33
   PLOTFILE PERIOD CSCO-IDL P1.AD\PE00G003.PLT 34
   PLOTFILE PERIOD GSTRKIDL P1.AD\PE00G004.PLT 35
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   PLOTFILE PERIOD FDX-EXH P1.AD\PE00G005.PLT 36
   PLOTFILE PERIOD FDX-IDLE P1.AD\PE00G006.PLT 37
   PLOTFILE PERIOD CSCO-TRU P1.AD\PE00G007.PLT 38
   PLOTFILE PERIOD FDX-TRU P1.AD\PE00G008.PLT 39
   PLOTFILE PERIOD LD-IDLE P1.AD\PE00G009.PLT 40
   PLOTFILE PERIOD HOTL-EXH P1.AD\PE00G010.PLT 41
   PLOTFILE PERIOD HOTL-IDL P1.AD\PE00G011.PLT 42
   PLOTFILE PERIOD HOTL-TRU P1.AD\PE00G012.PLT 43
   PLOTFILE PERIOD CSCO-LD P1.AD\PE00G013.PLT 44
   PLOTFILE PERIOD GAS-LD P1.AD\PE00G014.PLT 45
   PLOTFILE PERIOD HOTL-LD P1.AD\PE00G015.PLT 46
   PLOTFILE PERIOD RTL1-LD P1.AD\PE00G016.PLT 47
   PLOTFILE PERIOD CSCO-EXH P1.AD\PE00G017.PLT 48
   PLOTFILE PERIOD GAS-EXH P1.AD\PE00G018.PLT 49
   SUMMFILE P1.sum
OU FINISHED
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** Project Parameters
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** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     10
** ZONEINX  0
**
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A.3.4 Full Operational Model Input File – PM2.5 Exhaust

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 11/12/2018
** File: V:\AERMOD\FBO\FBO.ADI
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**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Full Buildout Operations Annual PM2.5
   MODELOPT CONC FLAT ELEV
   AVERTIME PERIOD
   URBANOPT 83007
   POLLUTID PM_2.5
   FLAGPOLE 1.80
   RUNORNOT RUN
   ERRORFIL FBO.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION CSCO_GEN     POINT      595396.140  4172547.450      100.330
** DESCRSRC COSTCO EMERGENCY GENERATOR 1000KW
   LOCATION HOTELGEN     POINT      595476.190  4172275.030      100.200
** DESCRSRC HOTEL EMERGENCY GENERATOR-1000KW
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CSTRKIDL
** DESCRSRC COSTCO Store DELIVERY TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 3.15E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595481.197, 4172556.173, 100.22, 3.05, 4.65
** 595503.282, 4172498.669, 99.74, 3.05, 4.65
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   LOCATION L0012091     VOLUME   595482.990 4172551.505 100.22
   LOCATION L0012092     VOLUME   595486.575 4172542.170 100.20
   LOCATION L0012093     VOLUME   595490.160 4172532.835 100.18
   LOCATION L0012094     VOLUME   595493.745 4172523.500 99.89
   LOCATION L0012095     VOLUME   595497.331 4172514.165 99.83
   LOCATION L0012096     VOLUME   595500.916 4172504.829 99.88
** End of LINE VOLUME Source ID = CSTRKIDL
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CSCO_TRU
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** DESCRSRC COSTCO Store DELIVERY TRUCK TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.000118
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595481.197, 4172556.173, 100.22, 3.05, 4.65
** 595503.282, 4172498.669, 99.74, 3.05, 4.65
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   LOCATION L0009594     VOLUME   595482.990 4172551.505 100.22
   LOCATION L0009595     VOLUME   595486.575 4172542.170 100.20
   LOCATION L0009596     VOLUME   595490.160 4172532.835 100.18
   LOCATION L0009597     VOLUME   595493.745 4172523.500 99.89
   LOCATION L0009598     VOLUME   595497.331 4172514.165 99.83
   LOCATION L0009599     VOLUME   595500.916 4172504.829 99.88
** End of LINE VOLUME Source ID = CSCO_TRU
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GSTRKIDL
** DESCRSRC GAS STATION TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.4E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595333.163, 4172708.838, 100.60, 3.05, 4.65
** 595345.925, 4172676.224, 100.60, 3.05, 4.65
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   LOCATION L0012097     VOLUME   595334.985 4172704.182 100.62
   LOCATION L0012098     VOLUME   595338.629 4172694.870 100.53
   LOCATION L0012099     VOLUME   595342.273 4172685.557 100.58
   LOCATION L0012100     VOLUME   595345.917 4172676.245 100.60
** End of LINE VOLUME Source ID = GSTRKIDL
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CSCO_EXH
** DESCRSRC COSTCO DELIVERY TRUCK ROUTE EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 8.04E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 18
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** 595432.358, 4172685.420, 100.10, 3.05, 6.23
** 595296.736, 4172628.065, 100.13, 3.05, 6.23
** 595257.468, 4172608.921, 99.43, 3.05, 6.23
** 595368.466, 4172265.212, 99.01, 3.05, 6.23
** 595386.005, 4172226.467, 99.05, 3.05, 6.23
** 595405.941, 4172207.745, 99.18, 3.05, 6.23
** 595469.075, 4172174.675, 99.65, 3.05, 6.23
** 595511.165, 4172156.136, 99.81, 3.05, 6.23
** 595546.240, 4172150.123, 99.91, 3.05, 6.23
** 595578.809, 4172147.116, 100.20, 3.05, 6.23
** 595616.890, 4172145.613, 100.68, 3.05, 6.23
** 595641.943, 4172143.108, 100.84, 3.05, 6.23
** 595664.992, 4172133.588, 100.80, 3.05, 6.23
** 595681.527, 4172117.554, 100.64, 3.05, 6.23
** 595689.432, 4172095.004, 100.50, 3.05, 6.23
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** 595691.133, 4172068.168, 100.44, 3.05, 6.23
** 595689.117, 4172025.418, 100.41, 3.05, 6.23
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   LOCATION L0011887     VOLUME   595471.850 4172589.567 100.28
   LOCATION L0011888     VOLUME   595466.745 4172601.957 100.27
   LOCATION L0011889     VOLUME   595461.641 4172614.347 100.23
   LOCATION L0011890     VOLUME   595456.536 4172626.736 100.20
   LOCATION L0011891     VOLUME   595451.432 4172639.126 100.10
   LOCATION L0011892     VOLUME   595446.327 4172651.516 100.13
   LOCATION L0011893     VOLUME   595441.222 4172663.905 100.10
   LOCATION L0011894     VOLUME   595436.118 4172676.295 100.05
   LOCATION L0011895     VOLUME   595429.106 4172684.045 100.07
   LOCATION L0011896     VOLUME   595416.764 4172678.825 100.01
   LOCATION L0011897     VOLUME   595404.423 4172673.606 100.16
   LOCATION L0011898     VOLUME   595392.081 4172668.387 100.08
   LOCATION L0011899     VOLUME   595379.739 4172663.167 100.00
   LOCATION L0011900     VOLUME   595367.398 4172657.948 100.05
   LOCATION L0011901     VOLUME   595355.056 4172652.729 99.98
   LOCATION L0011902     VOLUME   595342.714 4172647.509 100.16
   LOCATION L0011903     VOLUME   595330.372 4172642.290 100.18
   LOCATION L0011904     VOLUME   595318.031 4172637.071 100.15
   LOCATION L0011905     VOLUME   595305.689 4172631.851 100.20
   LOCATION L0011906     VOLUME   595293.429 4172626.453 100.12
   LOCATION L0011907     VOLUME   595281.384 4172620.580 99.92
   LOCATION L0011908     VOLUME   595269.339 4172614.708 99.69
   LOCATION L0011909     VOLUME   595257.527 4172608.737 99.74
   LOCATION L0011910     VOLUME   595261.645 4172595.985 99.80
   LOCATION L0011911     VOLUME   595265.763 4172583.234 99.85
   LOCATION L0011912     VOLUME   595269.881 4172570.482 99.84
   LOCATION L0011913     VOLUME   595273.999 4172557.731 99.84
   LOCATION L0011914     VOLUME   595278.117 4172544.979 99.81
   LOCATION L0011915     VOLUME   595282.235 4172532.228 99.77
   LOCATION L0011916     VOLUME   595286.353 4172519.476 99.75
   LOCATION L0011917     VOLUME   595290.471 4172506.725 99.67
   LOCATION L0011918     VOLUME   595294.590 4172493.973 99.67
   LOCATION L0011919     VOLUME   595298.708 4172481.221 99.67
   LOCATION L0011920     VOLUME   595302.826 4172468.470 99.62
   LOCATION L0011921     VOLUME   595306.944 4172455.718 99.66
   LOCATION L0011922     VOLUME   595311.062 4172442.967 99.67
   LOCATION L0011923     VOLUME   595315.180 4172430.215 99.71
   LOCATION L0011924     VOLUME   595319.298 4172417.464 99.66
   LOCATION L0011925     VOLUME   595323.416 4172404.712 99.57
   LOCATION L0011926     VOLUME   595327.534 4172391.961 99.51
   LOCATION L0011927     VOLUME   595331.652 4172379.209 99.42
   LOCATION L0011928     VOLUME   595335.770 4172366.458 99.38
   LOCATION L0011929     VOLUME   595339.888 4172353.706 99.46
   LOCATION L0011930     VOLUME   595344.006 4172340.954 99.45
   LOCATION L0011931     VOLUME   595348.124 4172328.203 99.45
   LOCATION L0011932     VOLUME   595352.242 4172315.451 99.35
   LOCATION L0011933     VOLUME   595356.360 4172302.700 99.30
   LOCATION L0011934     VOLUME   595360.478 4172289.948 99.18
   LOCATION L0011935     VOLUME   595364.596 4172277.197 99.13
   LOCATION L0011936     VOLUME   595368.798 4172264.478 99.02
   LOCATION L0011937     VOLUME   595374.324 4172252.270 99.00
   LOCATION L0011938     VOLUME   595379.850 4172240.063 99.00
   LOCATION L0011939     VOLUME   595385.377 4172227.855 99.02
   LOCATION L0011940     VOLUME   595394.662 4172218.337 99.10
   LOCATION L0011941     VOLUME   595404.430 4172209.164 99.15
   LOCATION L0011942     VOLUME   595415.975 4172202.489 99.24
   LOCATION L0011943     VOLUME   595427.845 4172196.271 99.30
   LOCATION L0011944     VOLUME   595439.715 4172190.054 99.38
   LOCATION L0011945     VOLUME   595451.585 4172183.836 99.48
   LOCATION L0011946     VOLUME   595463.456 4172177.618 99.57
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   LOCATION L0011947     VOLUME   595475.533 4172171.831 99.65
   LOCATION L0011948     VOLUME   595487.796 4172166.429 99.68
   LOCATION L0011949     VOLUME   595500.059 4172161.028 99.74
   LOCATION L0011950     VOLUME   595512.411 4172155.922 99.78
   LOCATION L0011951     VOLUME   595525.619 4172153.658 99.87
   LOCATION L0011952     VOLUME   595538.826 4172151.394 99.88
   LOCATION L0011953     VOLUME   595552.093 4172149.583 99.96
   LOCATION L0011954     VOLUME   595565.436 4172148.351 100.06
   LOCATION L0011955     VOLUME   595578.779 4172147.119 100.23
   LOCATION L0011956     VOLUME   595592.169 4172146.589 100.35
   LOCATION L0011957     VOLUME   595605.558 4172146.060 100.57
   LOCATION L0011958     VOLUME   595618.939 4172145.408 100.73
   LOCATION L0011959     VOLUME   595632.273 4172144.075 100.79
   LOCATION L0011960     VOLUME   595645.346 4172141.703 100.83
   LOCATION L0011961     VOLUME   595657.731 4172136.587 100.80
   LOCATION L0011962     VOLUME   595668.972 4172129.729 100.78
   LOCATION L0011963     VOLUME   595678.592 4172120.400 100.71
   LOCATION L0011964     VOLUME   595684.607 4172108.767 100.58
   LOCATION L0011965     VOLUME   595689.040 4172096.121 100.50
   LOCATION L0011966     VOLUME   595690.205 4172082.812 100.43
   LOCATION L0011967     VOLUME   595691.052 4172069.439 100.40
   LOCATION L0011968     VOLUME   595690.562 4172056.055 100.35
   LOCATION L0011969     VOLUME   595689.931 4172042.670 100.25
   LOCATION L0011970     VOLUME   595689.299 4172029.285 100.26
** End of LINE VOLUME Source ID = CSCO_EXH
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GAS_EXH
** DESCRSRC GAS STATION DELIVERY TRUCK ROUTE EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 3.58E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 18
** 595479.507, 4172570.983, 100.26, 3.05, 6.23
** 595432.358, 4172685.420, 100.10, 3.05, 6.23
** 595296.736, 4172628.065, 100.13, 3.05, 6.23
** 595257.468, 4172608.921, 99.43, 3.05, 6.23
** 595368.466, 4172265.212, 99.01, 3.05, 6.23
** 595386.005, 4172226.467, 99.05, 3.05, 6.23
** 595405.941, 4172207.745, 99.18, 3.05, 6.23
** 595469.075, 4172174.675, 99.65, 3.05, 6.23
** 595511.165, 4172156.136, 99.81, 3.05, 6.23
** 595546.240, 4172150.123, 99.91, 3.05, 6.23
** 595578.809, 4172147.116, 100.20, 3.05, 6.23
** 595616.890, 4172145.613, 100.68, 3.05, 6.23
** 595641.943, 4172143.108, 100.84, 3.05, 6.23
** 595664.992, 4172133.588, 100.80, 3.05, 6.23
** 595681.527, 4172117.554, 100.64, 3.05, 6.23
** 595689.432, 4172095.004, 100.50, 3.05, 6.23
** 595691.133, 4172068.168, 100.44, 3.05, 6.23
** 595689.117, 4172025.418, 100.41, 3.05, 6.23
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   LOCATION L0011971     VOLUME   595476.955 4172577.178 100.27
   LOCATION L0011972     VOLUME   595471.850 4172589.567 100.28
   LOCATION L0011973     VOLUME   595466.745 4172601.957 100.27
   LOCATION L0011974     VOLUME   595461.641 4172614.347 100.23
   LOCATION L0011975     VOLUME   595456.536 4172626.736 100.20
   LOCATION L0011976     VOLUME   595451.432 4172639.126 100.10
   LOCATION L0011977     VOLUME   595446.327 4172651.516 100.13
   LOCATION L0011978     VOLUME   595441.222 4172663.905 100.10
   LOCATION L0011979     VOLUME   595436.118 4172676.295 100.05
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LOCATION	L0011980	VOLUME	595429.106	4172684.045 100.07
LOCATION	L0011981	VOLUME	595416.764	4172678.825 100.01
LOCATION	L0011982	VOLUME	595404.423	4172673.606 100.16
LOCATION	L0011983	VOLUME	595392.081	4172668.387 100.08
LOCATION	L0011984	VOLUME	595379.739	4172663.167 100.00
LOCATION	L0011985	VOLUME	595367.398	4172657.948 100.05
LOCATION	L0011986	VOLUME	595355.056	4172652.729 99.98
LOCATION	L0011987	VOLUME	595342.714	4172647.509 100.16
LOCATION	L0011988	VOLUME	595330.372	4172642.290 100.18
LOCATION	L0011989	VOLUME	595318.031	4172637.071 100.15
LOCATION	L0011990	VOLUME	595305.689	4172631.851 100.20
LOCATION	L0011991	VOLUME	595293.429	4172626.453 100.12
LOCATION	L0011992	VOLUME	595281.384	4172620.580 99.92
LOCATION	L0011993	VOLUME	595269.339	4172614.708 99.69
LOCATION	L0011994	VOLUME	595257.527	4172608.737 99.74
LOCATION	L0011995	VOLUME	595261.645	4172595.985 99.80
LOCATION	L0011996	VOLUME	595265.763	4172583.234 99.85
LOCATION	L0011997	VOLUME	595269.881	4172570.482 99.84
LOCATION	L0011998	VOLUME	595273.999	4172557.731 99.84
LOCATION	L0011999	VOLUME	595278.117	4172544.979 99.81
LOCATION	L0012000	VOLUME	595282.235	4172532.228 99.77
LOCATION	L0012001	VOLUME	595286.353	4172519.476 99.75
LOCATION	L0012002	VOLUME	595290.471	4172506.725 99.67
LOCATION	L0012003	VOLUME	595294.590	4172493.973 99.67
LOCATION	L0012004	VOLUME	595298.708	4172481.221 99.67
LOCATION	L0012005	VOLUME	595302.826	4172468.470 99.62
LOCATION	L0012006	VOLUME	595306.944	4172455.718 99.66
LOCATION	L0012007	VOLUME	595311.062	4172442.967 99.67
LOCATION	L0012008	VOLUME	595315.180	4172430.215 99.71
LOCATION	L0012009	VOLUME	595319.298	4172417.464 99.66
LOCATION	L0012010	VOLUME	595323.416	4172404.712 99.57
LOCATION	L0012011	VOLUME	595327.534	4172391.961 99.51
LOCATION	L0012012	VOLUME	595331.652	4172379.209 99.42
LOCATION	L0012013	VOLUME	595335.770	4172366.458 99.38
LOCATION	L0012014	VOLUME	595339.888	4172353.706 99.46
LOCATION	L0012015	VOLUME	595344.006	4172340.954 99.45
LOCATION	L0012016	VOLUME	595348.124	4172328.203 99.45
LOCATION	L0012017	VOLUME	595352.242	4172315.451 99.35
LOCATION	L0012018	VOLUME	595356.360	4172302.700 99.30
LOCATION	L0012019	VOLUME	595360.478	4172289.948 99.18
LOCATION	L0012020	VOLUME	595364.596	4172277.197 99.13
LOCATION	L0012021	VOLUME	595368.798	4172264.478 99.02
LOCATION	L0012022	VOLUME	595374.324	4172252.270 99.00
LOCATION	L0012023	VOLUME	595379.850	4172240.063 99.00
LOCATION	L0012024	VOLUME	595385.377	4172227.855 99.02
LOCATION	L0012025	VOLUME	595394.662	4172218.337 99.10
LOCATION	L0012026	VOLUME	595404.430	4172209.164 99.15
LOCATION	L0012027	VOLUME	595415.975	4172202.489 99.24
LOCATION	L0012028	VOLUME	595427.845	4172196.271 99.30
LOCATION	L0012029	VOLUME	595439.715	4172190.054 99.38
LOCATION	L0012030	VOLUME	595451.585	4172183.836 99.48
LOCATION	L0012031	VOLUME	595463.456	4172177.618 99.57
LOCATION	L0012032	VOLUME	595475.533	4172171.831 99.65
LOCATION	L0012033	VOLUME	595487.796	4172166.429 99.68
LOCATION	L0012034	VOLUME	595500.059	4172161.028 99.74
LOCATION	L0012035	VOLUME	595512.411	4172155.922 99.78
LOCATION	L0012036	VOLUME	595525.619	4172153.658 99.87
LOCATION	L0012037	VOLUME	595538.826	4172151.394 99.88
LOCATION	L0012038	VOLUME	595552.093	4172149.583 99.96
LOCATION	L0012039	VOLUME	595565.436	4172148.351 100.06
LOCATION	L0012040	VOLUME	595578.779	4172147.119 100.23
LOCATION	L0012041	VOLUME	595592.169	4172146.589 100.35
LOCATION	L0012042	VOLUME	595605.558	4172146.060 100.57
LOCATION	L0012043	VOLUME	595618.939	4172145.408 100.73

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   LOCATION L0012044     VOLUME   595632.273 4172144.075 100.79
   LOCATION L0012045     VOLUME   595645.346 4172141.703 100.83
   LOCATION L0012046     VOLUME   595657.731 4172136.587 100.80
   LOCATION L0012047     VOLUME   595668.972 4172129.729 100.78
   LOCATION L0012048     VOLUME   595678.592 4172120.400 100.71
   LOCATION L0012049     VOLUME   595684.607 4172108.767 100.58
   LOCATION L0012050     VOLUME   595689.040 4172096.121 100.50
   LOCATION L0012051     VOLUME   595690.205 4172082.812 100.43
   LOCATION L0012052     VOLUME   595691.052 4172069.439 100.40
   LOCATION L0012053     VOLUME   595690.562 4172056.055 100.35
   LOCATION L0012054     VOLUME   595689.931 4172042.670 100.25
   LOCATION L0012055     VOLUME   595689.299 4172029.285 100.26
** End of LINE VOLUME Source ID = GAS_EXH
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HOTL_EXH
** DESCRSRC Hotel-Retail Onroad Truck Route
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 2.33E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 13
** 595386.005, 4172226.467, 99.05, 3.05, 6.23
** 595405.941, 4172207.745, 99.18, 3.05, 6.23
** 595469.075, 4172174.675, 99.65, 3.05, 6.23
** 595511.165, 4172156.136, 99.81, 3.05, 6.23
** 595546.240, 4172150.123, 99.91, 3.05, 6.23
** 595578.809, 4172147.116, 100.20, 3.05, 6.23
** 595616.890, 4172145.613, 100.68, 3.05, 6.23
** 595641.943, 4172143.108, 100.84, 3.05, 6.23
** 595664.992, 4172133.588, 100.80, 3.05, 6.23
** 595681.527, 4172117.554, 100.64, 3.05, 6.23
** 595689.432, 4172095.004, 100.50, 3.05, 6.23
** 595691.133, 4172068.168, 100.44, 3.05, 6.23
** 595689.117, 4172025.418, 100.41, 3.05, 6.23
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   LOCATION L0012056     VOLUME   595390.889 4172221.880 99.11
   LOCATION L0012057     VOLUME   595400.657 4172212.707 99.18
   LOCATION L0012058     VOLUME   595411.390 4172204.891 99.21
   LOCATION L0012059     VOLUME   595423.260 4172198.673 99.21
   LOCATION L0012060     VOLUME   595435.130 4172192.455 99.37
   LOCATION L0012061     VOLUME   595447.000 4172186.238 99.43
   LOCATION L0012062     VOLUME   595458.871 4172180.020 99.53
   LOCATION L0012063     VOLUME   595470.796 4172173.917 99.64
   LOCATION L0012064     VOLUME   595483.059 4172168.516 99.66
   LOCATION L0012065     VOLUME   595495.322 4172163.114 99.72
   LOCATION L0012066     VOLUME   595507.585 4172157.713 99.76
   LOCATION L0012067     VOLUME   595520.517 4172154.533 99.84
   LOCATION L0012068     VOLUME   595533.724 4172152.269 99.87
   LOCATION L0012069     VOLUME   595546.939 4172150.058 99.92
   LOCATION L0012070     VOLUME   595560.282 4172148.827 100.02
   LOCATION L0012071     VOLUME   595573.625 4172147.595 100.18
   LOCATION L0012072     VOLUME   595586.997 4172146.793 100.30
   LOCATION L0012073     VOLUME   595600.386 4172146.264 100.48
   LOCATION L0012074     VOLUME   595613.776 4172145.736 100.70
   LOCATION L0012075     VOLUME   595627.123 4172144.590 100.75
   LOCATION L0012076     VOLUME   595640.456 4172143.257 100.86
   LOCATION L0012077     VOLUME   595652.947 4172138.563 100.79
   LOCATION L0012078     VOLUME   595665.256 4172133.332 100.81
   LOCATION L0012079     VOLUME   595674.876 4172124.003 100.73
   LOCATION L0012080     VOLUME   595682.895 4172113.651 100.62
   LOCATION L0012081     VOLUME   595687.328 4172101.006 100.51
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   LOCATION L0012082     VOLUME   595689.877 4172087.978 100.46
   LOCATION L0012083     VOLUME   595690.725 4172074.605 100.42
   LOCATION L0012084     VOLUME   595690.806 4172061.226 100.37
   LOCATION L0012085     VOLUME   595690.174 4172047.840 100.29
   LOCATION L0012086     VOLUME   595689.543 4172034.455 100.24
** End of LINE VOLUME Source ID = HOTL_EXH
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CSCO_LD
** DESCRSRC Costco LIGHT DUTY CARS-EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.000227
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 16
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** 595257.468, 4172608.921, 99.43, 2.00, 6.23
** 595368.466, 4172265.212, 99.01, 2.00, 6.23
** 595386.005, 4172226.467, 99.05, 2.00, 6.23
** 595405.941, 4172207.745, 99.18, 2.00, 6.23
** 595469.075, 4172174.675, 99.65, 2.00, 6.23
** 595511.165, 4172156.136, 99.81, 2.00, 6.23
** 595546.240, 4172150.123, 99.91, 2.00, 6.23
** 595578.809, 4172147.116, 100.20, 2.00, 6.23
** 595616.890, 4172145.613, 100.68, 2.00, 6.23
** 595641.943, 4172143.108, 100.84, 2.00, 6.23
** 595664.992, 4172133.588, 100.80, 2.00, 6.23
** 595681.527, 4172117.554, 100.64, 2.00, 6.23
** 595689.432, 4172095.004, 100.50, 2.00, 6.23
** 595691.133, 4172068.168, 100.44, 2.00, 6.23
** 595689.117, 4172025.418, 100.41, 2.00, 6.23
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   LOCATION L0011370     VOLUME   595172.453 4172878.222 100.07
   LOCATION L0011371     VOLUME   595176.487 4172865.443 100.02
   LOCATION L0011372     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0011373     VOLUME   595184.555 4172839.887 99.93
   LOCATION L0011374     VOLUME   595188.589 4172827.108 99.87
   LOCATION L0011375     VOLUME   595192.623 4172814.330 99.81
   LOCATION L0011376     VOLUME   595196.657 4172801.552 99.78
   LOCATION L0011377     VOLUME   595200.691 4172788.773 99.70
   LOCATION L0011378     VOLUME   595204.725 4172775.995 99.67
   LOCATION L0011379     VOLUME   595208.759 4172763.216 99.52
   LOCATION L0011380     VOLUME   595212.793 4172750.438 99.56
   LOCATION L0011381     VOLUME   595216.827 4172737.660 99.41
   LOCATION L0011382     VOLUME   595220.861 4172724.881 99.59
   LOCATION L0011383     VOLUME   595224.895 4172712.103 99.51
   LOCATION L0011384     VOLUME   595228.929 4172699.324 99.63
   LOCATION L0011385     VOLUME   595232.963 4172686.546 99.52
   LOCATION L0011386     VOLUME   595236.997 4172673.768 99.65
   LOCATION L0011387     VOLUME   595241.031 4172660.989 99.61
   LOCATION L0011388     VOLUME   595245.065 4172648.211 99.68
   LOCATION L0011389     VOLUME   595249.099 4172635.433 99.67
   LOCATION L0011390     VOLUME   595253.133 4172622.654 99.71
   LOCATION L0011391     VOLUME   595257.167 4172609.876 99.74
   LOCATION L0011392     VOLUME   595261.278 4172597.122 99.78
   LOCATION L0011393     VOLUME   595265.396 4172584.371 99.85
   LOCATION L0011394     VOLUME   595269.514 4172571.619 99.83
   LOCATION L0011395     VOLUME   595273.632 4172558.868 99.85
   LOCATION L0011396     VOLUME   595277.750 4172546.116 99.80
   LOCATION L0011397     VOLUME   595281.868 4172533.365 99.78
   LOCATION L0011398     VOLUME   595285.986 4172520.613 99.75
   LOCATION L0011399     VOLUME   595290.104 4172507.861 99.68
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   LOCATION L0011401     VOLUME   595298.340 4172482.358 99.67
   LOCATION L0011402     VOLUME   595302.458 4172469.607 99.62
   LOCATION L0011403     VOLUME   595306.576 4172456.855 99.66
   LOCATION L0011404     VOLUME   595310.694 4172444.104 99.66
   LOCATION L0011405     VOLUME   595314.812 4172431.352 99.71
   LOCATION L0011406     VOLUME   595318.930 4172418.601 99.67
   LOCATION L0011407     VOLUME   595323.048 4172405.849 99.58
   LOCATION L0011408     VOLUME   595327.166 4172393.097 99.52
   LOCATION L0011409     VOLUME   595331.284 4172380.346 99.43
   LOCATION L0011410     VOLUME   595335.402 4172367.594 99.38
   LOCATION L0011411     VOLUME   595339.520 4172354.843 99.46
   LOCATION L0011412     VOLUME   595343.638 4172342.091 99.45
   LOCATION L0011413     VOLUME   595347.756 4172329.340 99.45
   LOCATION L0011414     VOLUME   595351.874 4172316.588 99.35
   LOCATION L0011415     VOLUME   595355.992 4172303.837 99.31
   LOCATION L0011416     VOLUME   595360.110 4172291.085 99.19
   LOCATION L0011417     VOLUME   595364.229 4172278.334 99.13
   LOCATION L0011418     VOLUME   595368.347 4172265.582 99.02
   LOCATION L0011419     VOLUME   595373.832 4172253.359 99.01
   LOCATION L0011420     VOLUME   595379.358 4172241.151 98.99
   LOCATION L0011421     VOLUME   595384.884 4172228.944 99.02
   LOCATION L0011422     VOLUME   595393.791 4172219.155 99.10
   LOCATION L0011423     VOLUME   595403.559 4172209.982 99.15
   LOCATION L0011424     VOLUME   595414.917 4172203.043 99.24
   LOCATION L0011425     VOLUME   595426.787 4172196.826 99.27
   LOCATION L0011426     VOLUME   595438.657 4172190.608 99.38
   LOCATION L0011427     VOLUME   595450.527 4172184.390 99.48
   LOCATION L0011428     VOLUME   595462.397 4172178.173 99.56
   LOCATION L0011429     VOLUME   595474.439 4172172.312 99.64
   LOCATION L0011430     VOLUME   595486.703 4172166.911 99.68
   LOCATION L0011431     VOLUME   595498.966 4172161.509 99.74
   LOCATION L0011432     VOLUME   595511.234 4172156.124 99.78
   LOCATION L0011433     VOLUME   595524.441 4172153.860 99.86
   LOCATION L0011434     VOLUME   595537.648 4172151.596 99.88
   LOCATION L0011435     VOLUME   595550.903 4172149.692 99.95
   LOCATION L0011436     VOLUME   595564.246 4172148.461 100.05
   LOCATION L0011437     VOLUME   595577.590 4172147.229 100.22
   LOCATION L0011438     VOLUME   595590.975 4172146.636 100.34
   LOCATION L0011439     VOLUME   595604.365 4172146.107 100.55
   LOCATION L0011440     VOLUME   595617.751 4172145.527 100.72
   LOCATION L0011441     VOLUME   595631.084 4172144.194 100.77
   LOCATION L0011442     VOLUME   595644.242 4172142.159 100.84
   LOCATION L0011443     VOLUME   595656.627 4172137.043 100.80
   LOCATION L0011444     VOLUME   595668.114 4172130.560 100.79
   LOCATION L0011445     VOLUME   595677.734 4172121.232 100.72
   LOCATION L0011446     VOLUME   595684.212 4172109.894 100.59
   LOCATION L0011447     VOLUME   595688.645 4172097.249 100.51
   LOCATION L0011448     VOLUME   595690.129 4172084.005 100.44
   LOCATION L0011449     VOLUME   595690.977 4172070.632 100.41
   LOCATION L0011450     VOLUME   595690.618 4172057.249 100.35
   LOCATION L0011451     VOLUME   595689.987 4172043.863 100.26
   LOCATION L0011452     VOLUME   595689.356 4172030.478 100.24
** End of LINE VOLUME Source ID = CSCO_LD
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GAS_LD
** DESCRSRC Gas Station LIGHT DUTY CARS-EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.000038
** Vertical Dimension = 4.00
** SZINIT = 1.86
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** 595368.466, 4172265.212, 99.01, 2.00, 6.23
** 595386.005, 4172226.467, 99.05, 2.00, 6.23
** 595405.941, 4172207.745, 99.18, 2.00, 6.23
** 595469.075, 4172174.675, 99.65, 2.00, 6.23
** 595511.165, 4172156.136, 99.81, 2.00, 6.23
** 595546.240, 4172150.123, 99.91, 2.00, 6.23
** 595578.809, 4172147.116, 100.20, 2.00, 6.23
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** 595664.992, 4172133.588, 100.80, 2.00, 6.23
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** 595689.432, 4172095.004, 100.50, 2.00, 6.23
** 595691.133, 4172068.168, 100.44, 2.00, 6.23
** 595689.117, 4172025.418, 100.41, 2.00, 6.23
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   LOCATION L0011454     VOLUME   595176.487 4172865.443 100.02
   LOCATION L0011455     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0011456     VOLUME   595184.555 4172839.887 99.93
   LOCATION L0011457     VOLUME   595188.589 4172827.108 99.87
   LOCATION L0011458     VOLUME   595192.623 4172814.330 99.81
   LOCATION L0011459     VOLUME   595196.657 4172801.552 99.78
   LOCATION L0011460     VOLUME   595200.691 4172788.773 99.70
   LOCATION L0011461     VOLUME   595204.725 4172775.995 99.67
   LOCATION L0011462     VOLUME   595208.759 4172763.216 99.52
   LOCATION L0011463     VOLUME   595212.793 4172750.438 99.56
   LOCATION L0011464     VOLUME   595216.827 4172737.660 99.41
   LOCATION L0011465     VOLUME   595220.861 4172724.881 99.59
   LOCATION L0011466     VOLUME   595224.895 4172712.103 99.51
   LOCATION L0011467     VOLUME   595228.929 4172699.324 99.63
   LOCATION L0011468     VOLUME   595232.963 4172686.546 99.52
   LOCATION L0011469     VOLUME   595236.997 4172673.768 99.65
   LOCATION L0011470     VOLUME   595241.031 4172660.989 99.61
   LOCATION L0011471     VOLUME   595245.065 4172648.211 99.68
   LOCATION L0011472     VOLUME   595249.099 4172635.433 99.67
   LOCATION L0011473     VOLUME   595253.133 4172622.654 99.71
   LOCATION L0011474     VOLUME   595257.167 4172609.876 99.74
   LOCATION L0011475     VOLUME   595261.278 4172597.122 99.78
   LOCATION L0011476     VOLUME   595265.396 4172584.371 99.85
   LOCATION L0011477     VOLUME   595269.514 4172571.619 99.83
   LOCATION L0011478     VOLUME   595273.632 4172558.868 99.85
   LOCATION L0011479     VOLUME   595277.750 4172546.116 99.80
   LOCATION L0011480     VOLUME   595281.868 4172533.365 99.78
   LOCATION L0011481     VOLUME   595285.986 4172520.613 99.75
   LOCATION L0011482     VOLUME   595290.104 4172507.861 99.68
   LOCATION L0011483     VOLUME   595294.222 4172495.110 99.66
   LOCATION L0011484     VOLUME   595298.340 4172482.358 99.67
   LOCATION L0011485     VOLUME   595302.458 4172469.607 99.62
   LOCATION L0011486     VOLUME   595306.576 4172456.855 99.66
   LOCATION L0011487     VOLUME   595310.694 4172444.104 99.66
   LOCATION L0011488     VOLUME   595314.812 4172431.352 99.71
   LOCATION L0011489     VOLUME   595318.930 4172418.601 99.67
   LOCATION L0011490     VOLUME   595323.048 4172405.849 99.58
   LOCATION L0011491     VOLUME   595327.166 4172393.097 99.52
   LOCATION L0011492     VOLUME   595331.284 4172380.346 99.43
   LOCATION L0011493     VOLUME   595335.402 4172367.594 99.38
   LOCATION L0011494     VOLUME   595339.520 4172354.843 99.46
   LOCATION L0011495     VOLUME   595343.638 4172342.091 99.45
   LOCATION L0011496     VOLUME   595347.756 4172329.340 99.45
   LOCATION L0011497     VOLUME   595351.874 4172316.588 99.35
   LOCATION L0011498     VOLUME   595355.992 4172303.837 99.31
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   LOCATION L0011499     VOLUME   595360.110 4172291.085 99.19
   LOCATION L0011500     VOLUME   595364.229 4172278.334 99.13
   LOCATION L0011501     VOLUME   595368.347 4172265.582 99.02
   LOCATION L0011502     VOLUME   595373.832 4172253.359 99.01
   LOCATION L0011503     VOLUME   595379.358 4172241.151 98.99
   LOCATION L0011504     VOLUME   595384.884 4172228.944 99.02
   LOCATION L0011505     VOLUME   595393.791 4172219.155 99.10
   LOCATION L0011506     VOLUME   595403.559 4172209.982 99.15
   LOCATION L0011507     VOLUME   595414.917 4172203.043 99.24
   LOCATION L0011508     VOLUME   595426.787 4172196.826 99.27
   LOCATION L0011509     VOLUME   595438.657 4172190.608 99.38
   LOCATION L0011510     VOLUME   595450.527 4172184.390 99.48
   LOCATION L0011511     VOLUME   595462.397 4172178.173 99.56
   LOCATION L0011512     VOLUME   595474.439 4172172.312 99.64
   LOCATION L0011513     VOLUME   595486.703 4172166.911 99.68
   LOCATION L0011514     VOLUME   595498.966 4172161.509 99.74
   LOCATION L0011515     VOLUME   595511.234 4172156.124 99.78
   LOCATION L0011516     VOLUME   595524.441 4172153.860 99.86
   LOCATION L0011517     VOLUME   595537.648 4172151.596 99.88
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   LOCATION L0011519     VOLUME   595564.246 4172148.461 100.05
   LOCATION L0011520     VOLUME   595577.590 4172147.229 100.22
   LOCATION L0011521     VOLUME   595590.975 4172146.636 100.34
   LOCATION L0011522     VOLUME   595604.365 4172146.107 100.55
   LOCATION L0011523     VOLUME   595617.751 4172145.527 100.72
   LOCATION L0011524     VOLUME   595631.084 4172144.194 100.77
   LOCATION L0011525     VOLUME   595644.242 4172142.159 100.84
   LOCATION L0011526     VOLUME   595656.627 4172137.043 100.80
   LOCATION L0011527     VOLUME   595668.114 4172130.560 100.79
   LOCATION L0011528     VOLUME   595677.734 4172121.232 100.72
   LOCATION L0011529     VOLUME   595684.212 4172109.894 100.59
   LOCATION L0011530     VOLUME   595688.645 4172097.249 100.51
   LOCATION L0011531     VOLUME   595690.129 4172084.005 100.44
   LOCATION L0011532     VOLUME   595690.977 4172070.632 100.41
   LOCATION L0011533     VOLUME   595690.618 4172057.249 100.35
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   LOCATION L0011535     VOLUME   595689.356 4172030.478 100.24
** End of LINE VOLUME Source ID = GAS_LD
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = RTL1 LD
** DESCRSRC Phase 1 Retail LIGHT DUTY CARS-EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 2.18E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 16
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** 595368.466, 4172265.212, 99.01, 2.00, 6.23
** 595386.005, 4172226.467, 99.05, 2.00, 6.23
** 595405.941, 4172207.745, 99.18, 2.00, 6.23
** 595469.075, 4172174.675, 99.65, 2.00, 6.23
** 595511.165, 4172156.136, 99.81, 2.00, 6.23
** 595546.240, 4172150.123, 99.91, 2.00, 6.23
** 595578.809, 4172147.116, 100.20, 2.00, 6.23
** 595616.890, 4172145.613, 100.68, 2.00, 6.23
** 595641.943, 4172143.108, 100.84, 2.00, 6.23
** 595664.992, 4172133.588, 100.80, 2.00, 6.23
** 595681.527, 4172117.554, 100.64, 2.00, 6.23
** 595689.432, 4172095.004, 100.50, 2.00, 6.23
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   LOCATION L0011537     VOLUME   595176.487 4172865.443 100.02
   LOCATION L0011538     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0011539     VOLUME   595184.555 4172839.887 99.93
   LOCATION L0011540     VOLUME   595188.589 4172827.108 99.87
   LOCATION L0011541     VOLUME   595192.623 4172814.330 99.81
   LOCATION L0011542     VOLUME   595196.657 4172801.552 99.78
   LOCATION L0011543     VOLUME   595200.691 4172788.773 99.70
   LOCATION L0011544     VOLUME   595204.725 4172775.995 99.67
   LOCATION L0011545     VOLUME   595208.759 4172763.216 99.52
   LOCATION L0011546     VOLUME   595212.793 4172750.438 99.56
   LOCATION L0011547     VOLUME   595216.827 4172737.660 99.41
   LOCATION L0011548     VOLUME   595220.861 4172724.881 99.59
   LOCATION L0011549     VOLUME   595224.895 4172712.103 99.51
   LOCATION L0011550     VOLUME   595228.929 4172699.324 99.63
   LOCATION L0011551     VOLUME   595232.963 4172686.546 99.52
   LOCATION L0011552     VOLUME   595236.997 4172673.768 99.65
   LOCATION L0011553     VOLUME   595241.031 4172660.989 99.61
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   LOCATION L0011557     VOLUME   595257.167 4172609.876 99.74
   LOCATION L0011558     VOLUME   595261.278 4172597.122 99.78
   LOCATION L0011559     VOLUME   595265.396 4172584.371 99.85
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   LOCATION L0011561     VOLUME   595273.632 4172558.868 99.85
   LOCATION L0011562     VOLUME   595277.750 4172546.116 99.80
   LOCATION L0011563     VOLUME   595281.868 4172533.365 99.78
   LOCATION L0011564     VOLUME   595285.986 4172520.613 99.75
   LOCATION L0011565     VOLUME   595290.104 4172507.861 99.68
   LOCATION L0011566     VOLUME   595294.222 4172495.110 99.66
   LOCATION L0011567     VOLUME   595298.340 4172482.358 99.67
   LOCATION L0011568     VOLUME   595302.458 4172469.607 99.62
   LOCATION L0011569     VOLUME   595306.576 4172456.855 99.66
   LOCATION L0011570     VOLUME   595310.694 4172444.104 99.66
   LOCATION L0011571     VOLUME   595314.812 4172431.352 99.71
   LOCATION L0011572     VOLUME   595318.930 4172418.601 99.67
   LOCATION L0011573     VOLUME   595323.048 4172405.849 99.58
   LOCATION L0011574     VOLUME   595327.166 4172393.097 99.52
   LOCATION L0011575     VOLUME   595331.284 4172380.346 99.43
   LOCATION L0011576     VOLUME   595335.402 4172367.594 99.38
   LOCATION L0011577     VOLUME   595339.520 4172354.843 99.46
   LOCATION L0011578     VOLUME   595343.638 4172342.091 99.45
   LOCATION L0011579     VOLUME   595347.756 4172329.340 99.45
   LOCATION L0011580     VOLUME   595351.874 4172316.588 99.35
   LOCATION L0011581     VOLUME   595355.992 4172303.837 99.31
   LOCATION L0011582     VOLUME   595360.110 4172291.085 99.19
   LOCATION L0011583     VOLUME   595364.229 4172278.334 99.13
   LOCATION L0011584     VOLUME   595368.347 4172265.582 99.02
   LOCATION L0011585     VOLUME   595373.832 4172253.359 99.01
   LOCATION L0011586     VOLUME   595379.358 4172241.151 98.99
   LOCATION L0011587     VOLUME   595384.884 4172228.944 99.02
   LOCATION L0011588     VOLUME   595393.791 4172219.155 99.10
   LOCATION L0011589     VOLUME   595403.559 4172209.982 99.15
   LOCATION L0011590     VOLUME   595414.917 4172203.043 99.24
   LOCATION L0011591     VOLUME   595426.787 4172196.826 99.27
   LOCATION L0011592     VOLUME   595438.657 4172190.608 99.38
   LOCATION L0011593     VOLUME   595450.527 4172184.390 99.48
   LOCATION L0011594     VOLUME   595462.397 4172178.173 99.56
   LOCATION L0011595     VOLUME   595474.439 4172172.312 99.64
   LOCATION L0011596     VOLUME   595486.703 4172166.911 99.68
   LOCATION L0011597     VOLUME   595498.966 4172161.509 99.74
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   LOCATION L0011599     VOLUME   595524.441 4172153.860 99.86
   LOCATION L0011600     VOLUME   595537.648 4172151.596 99.88
   LOCATION L0011601     VOLUME   595550.903 4172149.692 99.95
   LOCATION L0011602     VOLUME   595564.246 4172148.461 100.05
   LOCATION L0011603     VOLUME   595577.590 4172147.229 100.22
   LOCATION L0011604     VOLUME   595590.975 4172146.636 100.34
   LOCATION L0011605     VOLUME   595604.365 4172146.107 100.55
   LOCATION L0011606     VOLUME   595617.751 4172145.527 100.72
   LOCATION L0011607     VOLUME   595631.084 4172144.194 100.77
   LOCATION L0011608     VOLUME   595644.242 4172142.159 100.84
   LOCATION L0011609     VOLUME   595656.627 4172137.043 100.80
   LOCATION L0011610     VOLUME   595668.114 4172130.560 100.79
   LOCATION L0011611     VOLUME   595677.734 4172121.232 100.72
   LOCATION L0011612     VOLUME   595684.212 4172109.894 100.59
   LOCATION L0011613     VOLUME   595688.645 4172097.249 100.51
   LOCATION L0011614     VOLUME   595690.129 4172084.005 100.44
   LOCATION L0011615     VOLUME   595690.977 4172070.632 100.41
   LOCATION L0011616     VOLUME   595690.618 4172057.249 100.35
   LOCATION L0011617     VOLUME   595689.987 4172043.863 100.26
   LOCATION L0011618     VOLUME   595689.356 4172030.478 100.24
** End of LINE VOLUME Source ID = RTL1_LD
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HOTL_LD
** DESCRSRC Phase 1 Hotel LIGHT DUTY CARS-EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.0000258
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 16
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** 595257.468, 4172608.921, 99.43, 2.00, 6.23
** 595368.466, 4172265.212, 99.01, 2.00, 6.23
** 595386.005, 4172226.467, 99.05, 2.00, 6.23
** 595405.941, 4172207.745, 99.18, 2.00, 6.23
** 595469.075, 4172174.675, 99.65, 2.00, 6.23
** 595511.165, 4172156.136, 99.81, 2.00, 6.23
** 595546.240, 4172150.123, 99.91, 2.00, 6.23
** 595578.809, 4172147.116, 100.20, 2.00, 6.23
** 595616.890, 4172145.613, 100.68, 2.00, 6.23
** 595641.943, 4172143.108, 100.84, 2.00, 6.23
** 595664.992, 4172133.588, 100.80, 2.00, 6.23
** 595681.527, 4172117.554, 100.64, 2.00, 6.23
** 595689.432, 4172095.004, 100.50, 2.00, 6.23
** 595691.133, 4172068.168, 100.44, 2.00, 6.23
** 595689.117, 4172025.418, 100.41, 2.00, 6.23
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   LOCATION L0011785     VOLUME   595172.453 4172878.222 100.07
   LOCATION L0011786     VOLUME   595176.487 4172865.443 100.02
   LOCATION L0011787     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0011788     VOLUME   595184.555 4172839.887 99.93
   LOCATION L0011789     VOLUME   595188.589 4172827.108 99.87
   LOCATION L0011790     VOLUME   595192.623 4172814.330 99.81
   LOCATION L0011791     VOLUME   595196.657 4172801.552 99.78
   LOCATION L0011792     VOLUME   595200.691 4172788.773 99.70
   LOCATION L0011793     VOLUME   595204.725 4172775.995 99.67
   LOCATION L0011794     VOLUME   595208.759 4172763.216 99.52
   LOCATION L0011795     VOLUME   595212.793 4172750.438 99.56
   LOCATION L0011796     VOLUME   595216.827 4172737.660 99.41
   LOCATION L0011797     VOLUME   595220.861 4172724.881 99.59
   LOCATION L0011798     VOLUME   595224.895 4172712.103 99.51
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LOCATION	L0011799	VOLUME	595228.929	4172699.324	99.63
LOCATION	L0011800	VOLUME	595232.963	4172686.546	99.52
LOCATION	L0011801	VOLUME	595236.997	4172673.768	99.65
LOCATION	L0011802	VOLUME	595241.031	4172660.989	99.61
LOCATION	L0011803	VOLUME	595245.065	4172648.211	99.68
LOCATION	L0011804	VOLUME	595249.099	4172635.433	99.67
LOCATION	L0011805	VOLUME	595253.133	4172622.654	99.71
LOCATION	L0011806	VOLUME	595257.167	4172609.876	99.74
LOCATION	L0011807	VOLUME	595261.278	4172597.122	99.78
LOCATION	L0011808	VOLUME	595265.396	4172584.371	99.85
LOCATION	L0011809	VOLUME	595269.514	4172571.619	99.83
LOCATION	L0011810	VOLUME	595273.632	4172558.868	99.85
LOCATION	L0011811	VOLUME	595277.750	4172546.116	99.80
LOCATION	L0011812	VOLUME	595281.868	4172533.365	99.78
LOCATION	L0011813	VOLUME	595285.986	4172520.613	99.75
LOCATION	L0011814	VOLUME	595290.104	4172507.861	99.68
LOCATION	L0011815	VOLUME	595294.222	4172495.110	99.66
LOCATION	L0011816	VOLUME	595298.340	4172482.358	99.67
LOCATION	L0011817	VOLUME	595302.458	4172469.607	99.62
LOCATION	L0011818	VOLUME	595306.576	4172456.855	99.66
LOCATION	L0011819	VOLUME	595310.694	4172444.104	99.66
LOCATION	L0011820	VOLUME	595314.812	4172431.352	99.71
LOCATION	L0011821	VOLUME	595318.930	4172418.601	99.67
LOCATION	L0011822	VOLUME	595323.048	4172405.849	99.58
LOCATION	L0011823	VOLUME	595327.166	4172393.097	99.52
LOCATION	L0011824	VOLUME	595331.284	4172380.346	99.43
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LOCATION	L0011826	VOLUME	595339.520	4172354.843	99.46
LOCATION	L0011827	VOLUME	595343.638	4172342.091	99.45
LOCATION	L0011828	VOLUME	595347.756	4172329.340	99.45
LOCATION	L0011829	VOLUME	595351.874	4172316.588	99.35
LOCATION	L0011830	VOLUME	595355.992	4172303.837	99.31
LOCATION	L0011831	VOLUME	595360.110	4172291.085	99.19
LOCATION	L0011832	VOLUME	595364.229	4172278.334	99.13
LOCATION	L0011833	VOLUME	595368.347	4172265.582	99.02
LOCATION	L0011834	VOLUME	595373.832	4172253.359	99.01
LOCATION	L0011835	VOLUME	595379.358	4172241.151	98.99
LOCATION	L0011836	VOLUME	595384.884	4172228.944	99.02
LOCATION	L0011837	VOLUME	595393.791	4172219.155	99.10
LOCATION	L0011838	VOLUME	595403.559	4172209.982	99.15
LOCATION	L0011839	VOLUME	595414.917	4172203.043	99.24
LOCATION	L0011840	VOLUME	595426.787	4172196.826	99.27
LOCATION	L0011841	VOLUME	595438.657	4172190.608	99.38
LOCATION	L0011842	VOLUME	595450.527	4172184.390	99.48
LOCATION	L0011843	VOLUME	595462.397	4172178.173	99.56
LOCATION	L0011844	VOLUME	595474.439	4172172.312	99.64
LOCATION	L0011845	VOLUME	595486.703	4172166.911	99.68
LOCATION	L0011846	VOLUME	595498.966	4172161.509	99.74
LOCATION	L0011847	VOLUME	595511.234	4172156.124	99.78
LOCATION	L0011848	VOLUME	595524.441	4172153.860	99.86
LOCATION	L0011849	VOLUME	595537.648	4172151.596	99.88
LOCATION	L0011850	VOLUME	595550.903	4172149.692	99.95
LOCATION	L0011851	VOLUME	595564.246	4172148.461	100.05
LOCATION	L0011852	VOLUME	595577.590	4172147.229	100.22
LOCATION	L0011853	VOLUME	595590.975	4172146.636	100.34
LOCATION	L0011854	VOLUME	595604.365	4172146.107	100.55
LOCATION	L0011855	VOLUME	595617.751	4172145.527	100.72
LOCATION	L0011856	VOLUME	595631.084	4172144.194	100.77
LOCATION	L0011857	VOLUME	595644.242	4172142.159	100.84
LOCATION	L0011858	VOLUME	595656.627	4172137.043	100.80
LOCATION	L0011859	VOLUME	595668.114	4172130.560	100.79
LOCATION	L0011860	VOLUME	595677.734	4172121.232	100.72
LOCATION	L0011861	VOLUME	595684.212	4172109.894	100.59
LOCATION	L0011862	VOLUME	595688.645	4172097.249	100.51

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   LOCATION L0011864     VOLUME   595690.977 4172070.632 100.41
   LOCATION L0011865     VOLUME   595690.618 4172057.249 100.35
   LOCATION L0011866     VOLUME   595689.987 4172043.863 100.26
   LOCATION L0011867     VOLUME   595689.356 4172030.478 100.24
** End of LINE VOLUME Source ID = HOTL_LD
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = RTL2_LD
** DESCRSRC Phase 2 Retail (OTHR) LIGHT DUTY CARS-EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.0000781
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 16
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** 595368.466, 4172265.212, 99.01, 2.00, 6.23
** 595386.005, 4172226.467, 99.05, 2.00, 6.23
** 595405.941, 4172207.745, 99.18, 2.00, 6.23
** 595469.075, 4172174.675, 99.65, 2.00, 6.23
** 595511.165, 4172156.136, 99.81, 2.00, 6.23
** 595546.240, 4172150.123, 99.91, 2.00, 6.23
** 595578.809, 4172147.116, 100.20, 2.00, 6.23
** 595616.890, 4172145.613, 100.68, 2.00, 6.23
** 595641.943, 4172143.108, 100.84, 2.00, 6.23
** 595664.992, 4172133.588, 100.80, 2.00, 6.23
** 595681.527, 4172117.554, 100.64, 2.00, 6.23
** 595689.432, 4172095.004, 100.50, 2.00, 6.23
** 595691.133, 4172068.168, 100.44, 2.00, 6.23
** 595689.117, 4172025.418, 100.41, 2.00, 6.23
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   LOCATION L0011619     VOLUME   595172.453 4172878.222 100.07
   LOCATION L0011620     VOLUME   595176.487 4172865.443 100.02
   LOCATION L0011621     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0011622     VOLUME   595184.555 4172839.887 99.93
   LOCATION L0011623     VOLUME   595188.589 4172827.108 99.87
   LOCATION L0011624     VOLUME   595192.623 4172814.330 99.81
   LOCATION L0011625     VOLUME   595196.657 4172801.552 99.78
   LOCATION L0011626     VOLUME   595200.691 4172788.773 99.70
   LOCATION L0011627     VOLUME   595204.725 4172775.995 99.67
   LOCATION L0011628     VOLUME   595208.759 4172763.216 99.52
   LOCATION L0011629     VOLUME   595212.793 4172750.438 99.56
   LOCATION L0011630     VOLUME   595216.827 4172737.660 99.41
   LOCATION L0011631     VOLUME   595220.861 4172724.881 99.59
   LOCATION L0011632     VOLUME   595224.895 4172712.103 99.51
   LOCATION L0011633     VOLUME   595228.929 4172699.324 99.63
   LOCATION L0011634     VOLUME   595232.963 4172686.546 99.52
   LOCATION L0011635     VOLUME   595236.997 4172673.768 99.65
   LOCATION L0011636     VOLUME   595241.031 4172660.989 99.61
   LOCATION L0011637     VOLUME   595245.065 4172648.211 99.68
   LOCATION L0011638     VOLUME   595249.099 4172635.433 99.67
   LOCATION L0011639     VOLUME   595253.133 4172622.654 99.71
   LOCATION L0011640     VOLUME   595257.167 4172609.876 99.74
   LOCATION L0011641     VOLUME   595261.278 4172597.122 99.78
   LOCATION L0011642     VOLUME   595265.396 4172584.371 99.85
   LOCATION L0011643     VOLUME   595269.514 4172571.619 99.83
   LOCATION L0011644     VOLUME   595273.632 4172558.868 99.85
   LOCATION L0011645     VOLUME   595277.750 4172546.116 99.80
   LOCATION L0011646     VOLUME   595281.868 4172533.365 99.78
   LOCATION L0011647     VOLUME   595285.986 4172520.613 99.75
   LOCATION L0011648     VOLUME   595290.104 4172507.861 99.68
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   LOCATION L0011649     VOLUME   595294.222 4172495.110 99.66
   LOCATION L0011650     VOLUME   595298.340 4172482.358 99.67
   LOCATION L0011651     VOLUME   595302.458 4172469.607 99.62
   LOCATION L0011652     VOLUME   595306.576 4172456.855 99.66
   LOCATION L0011653     VOLUME   595310.694 4172444.104 99.66
   LOCATION L0011654     VOLUME   595314.812 4172431.352 99.71
   LOCATION L0011655     VOLUME   595318.930 4172418.601 99.67
   LOCATION L0011656     VOLUME   595323.048 4172405.849 99.58
   LOCATION L0011657     VOLUME   595327.166 4172393.097 99.52
   LOCATION L0011658     VOLUME   595331.284 4172380.346 99.43
   LOCATION L0011659     VOLUME   595335.402 4172367.594 99.38
   LOCATION L0011660     VOLUME   595339.520 4172354.843 99.46
   LOCATION L0011661     VOLUME   595343.638 4172342.091 99.45
   LOCATION L0011662     VOLUME   595347.756 4172329.340 99.45
   LOCATION L0011663     VOLUME   595351.874 4172316.588 99.35
   LOCATION L0011664     VOLUME   595355.992 4172303.837 99.31
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   LOCATION L0011666     VOLUME   595364.229 4172278.334 99.13
   LOCATION L0011667     VOLUME   595368.347 4172265.582 99.02
   LOCATION L0011668     VOLUME   595373.832 4172253.359 99.01
   LOCATION L0011669     VOLUME   595379.358 4172241.151 98.99
   LOCATION L0011670     VOLUME   595384.884 4172228.944 99.02
   LOCATION L0011671     VOLUME   595393.791 4172219.155 99.10
   LOCATION L0011672     VOLUME   595403.559 4172209.982 99.15
   LOCATION L0011673     VOLUME   595414.917 4172203.043 99.24
   LOCATION L0011674     VOLUME   595426.787 4172196.826 99.27
   LOCATION L0011675     VOLUME   595438.657 4172190.608 99.38
   LOCATION L0011676     VOLUME   595450.527 4172184.390 99.48
   LOCATION L0011677     VOLUME   595462.397 4172178.173 99.56
   LOCATION L0011678     VOLUME   595474.439 4172172.312 99.64
   LOCATION L0011679     VOLUME   595486.703 4172166.911 99.68
   LOCATION L0011680     VOLUME   595498.966 4172161.509 99.74
   LOCATION L0011681     VOLUME   595511.234 4172156.124 99.78
   LOCATION L0011682     VOLUME   595524.441 4172153.860 99.86
   LOCATION L0011683     VOLUME   595537.648 4172151.596 99.88
   LOCATION L0011684     VOLUME   595550.903 4172149.692 99.95
   LOCATION L0011685     VOLUME   595564.246 4172148.461 100.05
   LOCATION L0011686     VOLUME   595577.590 4172147.229 100.22
   LOCATION L0011687     VOLUME   595590.975 4172146.636 100.34
   LOCATION L0011688     VOLUME   595604.365 4172146.107 100.55
   LOCATION L0011689     VOLUME   595617.751 4172145.527 100.72
   LOCATION L0011690     VOLUME   595631.084 4172144.194 100.77
   LOCATION L0011691     VOLUME   595644.242 4172142.159 100.84
   LOCATION L0011692     VOLUME   595656.627 4172137.043 100.80
   LOCATION L0011693     VOLUME   595668.114 4172130.560 100.79
   LOCATION L0011694     VOLUME   595677.734 4172121.232 100.72
   LOCATION L0011695     VOLUME   595684.212 4172109.894 100.59
   LOCATION L0011696     VOLUME   595688.645 4172097.249 100.51
   LOCATION L0011697     VOLUME   595690.129 4172084.005 100.44
   LOCATION L0011698     VOLUME   595690.977 4172070.632 100.41
   LOCATION L0011699     VOLUME   595690.618 4172057.249 100.35
   LOCATION L0011700     VOLUME   595689.987 4172043.863 100.26
   LOCATION L0011701     VOLUME   595689.356 4172030.478 100.24
** End of LINE VOLUME Source ID = RTL2_LD
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HOTL_IDL
** DESCRSRC Hotel-Retail Truck Idling
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 4.24E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
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** Nodes = 2
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** 595483.996, 4172230.488, 100.57, 3.05, 4.65
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   LOCATION L0012087     VOLUME   595517.986 4172238.972 100.54
   LOCATION L0012088     VOLUME   595508.284 4172236.550 100.66
   LOCATION L0012089     VOLUME   595498.581 4172234.129 100.84
   LOCATION L0012090     VOLUME   595488.879 4172231.707 100.66
** End of LINE VOLUME Source ID = HOTL_IDL
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HOTL_TRU
** DESCRSRC Hotel-Retail Truck TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.0000528
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595522.837, 4172240.183, 100.59, 3.05, 4.65
** 595483.996, 4172230.488, 100.57, 3.05, 4.65
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   LOCATION L0010580     VOLUME   595517.986 4172238.972 100.54
   LOCATION L0010581     VOLUME   595508.284 4172236.550 100.66
   LOCATION L0010582     VOLUME   595498.581 4172234.129 100.84
   LOCATION L0010583     VOLUME   595488.879 4172231.707 100.66
** End of LINE VOLUME Source ID = HOTL_TRU
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE1
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 4.55E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595381.323, 4172697.047, 100.14, 2.00, 1.72
** 595362.642, 4172689.837, 100.38, 2.00, 1.72
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   LOCATION L0012255     VOLUME   595379.597 4172696.381 100.16
   LOCATION L0012256     VOLUME   595376.145 4172695.049 100.21
   LOCATION L0012257     VOLUME   595372.693 4172693.717 100.25
   LOCATION L0012258     VOLUME   595369.242 4172692.385 100.30
   LOCATION L0012259     VOLUME   595365.790 4172691.052 100.34
** End of LINE VOLUME Source ID = LD_IDLE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE2
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 4.55E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595378.554, 4172704.264, 100.08, 2.00, 1.72
** 595359.873, 4172697.054, 100.34, 2.00, 1.72
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   LOCATION L0012260     VOLUME   595376.828 4172703.598 100.10
   LOCATION L0012261     VOLUME   595373.376 4172702.266 100.15
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   LOCATION L0012262     VOLUME   595369.925 4172700.933 100.20
   LOCATION L0012263     VOLUME   595366.473 4172699.601 100.25
   LOCATION L0012264     VOLUME   595363.021 4172698.269 100.30
** End of LINE VOLUME Source ID = LD_IDLE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE3
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 4.55E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595375.673, 4172712.431, 100.19, 2.00, 1.72
** 595356.991, 4172705.220, 100.37, 2.00, 1.72
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   LOCATION L0012265     VOLUME   595373.947 4172711.764 100.21
   LOCATION L0012266     VOLUME   595370.495 4172710.432 100.24
   LOCATION L0012267     VOLUME   595367.043 4172709.100 100.27
   LOCATION L0012268     VOLUME   595363.591 4172707.768 100.31
   LOCATION L0012269     VOLUME   595360.139 4172706.435 100.34
** End of LINE VOLUME Source ID = LD_IDLE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE4
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 4.55E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595372.635, 4172719.505, 100.22, 2.00, 1.72
** 595353.954, 4172712.295, 100.33, 2.00, 1.72
** ----------------------------------------------------------------------
   LOCATION L0012270     VOLUME   595370.909 4172718.839 100.23
   LOCATION L0012271     VOLUME   595367.457 4172717.507 100.25
   LOCATION L0012272     VOLUME   595364.005 4172716.174 100.27
   LOCATION L0012273     VOLUME   595360.554 4172714.842 100.29
   LOCATION L0012274     VOLUME   595357.102 4172713.510 100.31
** End of LINE VOLUME Source ID = LD_IDLE4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LD_IDLE5
** DESCRSRC Light DutyCars Idling in Line
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 4.55E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 595370.018, 4172725.624, 100.09, 2.00, 1.72
** 595351.337, 4172718.413, 100.36, 2.00, 1.72
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   LOCATION L0012275     VOLUME   595368.292 4172724.957 100.11
   LOCATION L0012276     VOLUME   595364.840 4172723.625 100.16
   LOCATION L0012277     VOLUME   595361.389 4172722.293 100.21
   LOCATION L0012278     VOLUME   595357.937 4172720.961 100.26
   LOCATION L0012279     VOLUME   595354.485 4172719.628 100.31
** End of LINE VOLUME Source ID = LD_IDLE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHR_EXH
** DESCRSRC OTHER TRUCKS ONROAD EXHAUST
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 0.0000599
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 16
** 595170.436, 4172884.611, 100.05, 3.05, 6.23
** 595257.468, 4172608.921, 99.43, 3.05, 6.23
** 595368.466, 4172265.212, 99.01, 3.05, 6.23
** 595386.005, 4172226.467, 99.05, 3.05, 6.23
** 595405.941, 4172207.745, 99.18, 3.05, 6.23
** 595469.075, 4172174.675, 99.65, 3.05, 6.23
** 595511.165, 4172156.136, 99.81, 3.05, 6.23
** 595546.240, 4172150.123, 99.91, 3.05, 6.23
** 595578.809, 4172147.116, 100.20, 3.05, 6.23
** 595616.890, 4172145.613, 100.68, 3.05, 6.23
** 595641.943, 4172143.108, 100.84, 3.05, 6.23
** 595664.992, 4172133.588, 100.80, 3.05, 6.23
** 595681.527, 4172117.554, 100.64, 3.05, 6.23
** 595689.432, 4172095.004, 100.50, 3.05, 6.23
** 595691.133, 4172068.168, 100.44, 3.05, 6.23
** 595689.117, 4172025.418, 100.41, 3.05, 6.23
** ------------------------------------------------------------------
   LOCATION L0012149     VOLUME   595172.453 4172878.222 100.07
   LOCATION L0012150     VOLUME   595176.487 4172865.443 100.02
   LOCATION L0012151     VOLUME   595180.521 4172852.665 99.98
   LOCATION L0012152     VOLUME   595184.555 4172839.887 99.93
   LOCATION L0012153     VOLUME   595188.589 4172827.108 99.87
   LOCATION L0012154     VOLUME   595192.623 4172814.330 99.81
   LOCATION L0012155     VOLUME   595196.657 4172801.552 99.78
   LOCATION L0012156     VOLUME   595200.691 4172788.773 99.70
   LOCATION L0012157     VOLUME   595204.725 4172775.995 99.67
   LOCATION L0012158     VOLUME   595208.759 4172763.216 99.52
   LOCATION L0012159     VOLUME   595212.793 4172750.438 99.56
   LOCATION L0012160     VOLUME   595216.827 4172737.660 99.41
   LOCATION L0012161     VOLUME   595220.861 4172724.881 99.59
   LOCATION L0012162     VOLUME   595224.895 4172712.103 99.51
   LOCATION L0012163     VOLUME   595228.929 4172699.324 99.63
   LOCATION L0012164     VOLUME   595232.963 4172686.546 99.52
   LOCATION L0012165     VOLUME   595236.997 4172673.768 99.65
   LOCATION L0012166     VOLUME   595241.031 4172660.989 99.61
   LOCATION L0012167     VOLUME   595245.065 4172648.211 99.68
   LOCATION L0012168     VOLUME   595249.099 4172635.433 99.67
   LOCATION L0012169     VOLUME   595253.133 4172622.654 99.71
   LOCATION L0012170     VOLUME   595257.167 4172609.876 99.74
   LOCATION L0012171     VOLUME   595261.278 4172597.122 99.78
   LOCATION L0012172     VOLUME   595265.396 4172584.371 99.85
   LOCATION L0012173     VOLUME   595269.514 4172571.619 99.83
   LOCATION L0012174     VOLUME   595273.632 4172558.868 99.85
   LOCATION L0012175     VOLUME   595277.750 4172546.116 99.80
   LOCATION L0012176     VOLUME   595281.868 4172533.365 99.78
   LOCATION L0012177     VOLUME   595285.986 4172520.613 99.75
   LOCATION L0012178     VOLUME   595290.104 4172507.861 99.68
   LOCATION L0012179     VOLUME   595294.222 4172495.110 99.66
   LOCATION L0012180     VOLUME   595298.340 4172482.358 99.67
   LOCATION L0012181     VOLUME   595302.458 4172469.607 99.62
   LOCATION L0012182     VOLUME   595306.576 4172456.855 99.66
   LOCATION L0012183     VOLUME   595310.694 4172444.104 99.66
   LOCATION L0012184     VOLUME   595314.812 4172431.352 99.71
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   LOCATION L0012186     VOLUME   595323.048 4172405.849 99.58
   LOCATION L0012187     VOLUME   595327.166 4172393.097 99.52
   LOCATION L0012188     VOLUME   595331.284 4172380.346 99.43
   LOCATION L0012189     VOLUME   595335.402 4172367.594 99.38
   LOCATION L0012190     VOLUME   595339.520 4172354.843 99.46
   LOCATION L0012191     VOLUME   595343.638 4172342.091 99.45
   LOCATION L0012192     VOLUME   595347.756 4172329.340 99.45
   LOCATION L0012193     VOLUME   595351.874 4172316.588 99.35
   LOCATION L0012194     VOLUME   595355.992 4172303.837 99.31
   LOCATION L0012195     VOLUME   595360.110 4172291.085 99.19
   LOCATION L0012196     VOLUME   595364.229 4172278.334 99.13
   LOCATION L0012197     VOLUME   595368.347 4172265.582 99.02
   LOCATION L0012198     VOLUME   595373.832 4172253.359 99.01
   LOCATION L0012199     VOLUME   595379.358 4172241.151 98.99
   LOCATION L0012200     VOLUME   595384.884 4172228.944 99.02
   LOCATION L0012201     VOLUME   595393.791 4172219.155 99.10
   LOCATION L0012202     VOLUME   595403.559 4172209.982 99.15
   LOCATION L0012203     VOLUME   595414.917 4172203.043 99.24
   LOCATION L0012204     VOLUME   595426.787 4172196.826 99.27
   LOCATION L0012205     VOLUME   595438.657 4172190.608 99.38
   LOCATION L0012206     VOLUME   595450.527 4172184.390 99.48
   LOCATION L0012207     VOLUME   595462.397 4172178.173 99.56
   LOCATION L0012208     VOLUME   595474.439 4172172.312 99.64
   LOCATION L0012209     VOLUME   595486.703 4172166.911 99.68
   LOCATION L0012210     VOLUME   595498.966 4172161.509 99.74
   LOCATION L0012211     VOLUME   595511.234 4172156.124 99.78
   LOCATION L0012212     VOLUME   595524.441 4172153.860 99.86
   LOCATION L0012213     VOLUME   595537.648 4172151.596 99.88
   LOCATION L0012214     VOLUME   595550.903 4172149.692 99.95
   LOCATION L0012215     VOLUME   595564.246 4172148.461 100.05
   LOCATION L0012216     VOLUME   595577.590 4172147.229 100.22
   LOCATION L0012217     VOLUME   595590.975 4172146.636 100.34
   LOCATION L0012218     VOLUME   595604.365 4172146.107 100.55
   LOCATION L0012219     VOLUME   595617.751 4172145.527 100.72
   LOCATION L0012220     VOLUME   595631.084 4172144.194 100.77
   LOCATION L0012221     VOLUME   595644.242 4172142.159 100.84
   LOCATION L0012222     VOLUME   595656.627 4172137.043 100.80
   LOCATION L0012223     VOLUME   595668.114 4172130.560 100.79
   LOCATION L0012224     VOLUME   595677.734 4172121.232 100.72
   LOCATION L0012225     VOLUME   595684.212 4172109.894 100.59
   LOCATION L0012226     VOLUME   595688.645 4172097.249 100.51
   LOCATION L0012227     VOLUME   595690.129 4172084.005 100.44
   LOCATION L0012228     VOLUME   595690.977 4172070.632 100.41
   LOCATION L0012229     VOLUME   595690.618 4172057.249 100.35
   LOCATION L0012230     VOLUME   595689.987 4172043.863 100.26
   LOCATION L0012231     VOLUME   595689.356 4172030.478 100.24
** End of LINE VOLUME Source ID = OTHR_EXH
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRIDL1
** DESCRSRC OTHER TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 5.99E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595223.593, 4172861.090, 100.54, 3.05, 4.65
** 595247.809, 4172808.537, 100.10, 3.05, 4.65
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   LOCATION L0012280     VOLUME   595225.685 4172856.549 100.50
   LOCATION L0012281     VOLUME   595229.870 4172847.467 100.43
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   LOCATION L0012282     VOLUME   595234.055 4172838.385 100.35
   LOCATION L0012283     VOLUME   595238.240 4172829.302 100.27
   LOCATION L0012284     VOLUME   595242.425 4172820.220 100.20
   LOCATION L0012285     VOLUME   595246.610 4172811.138 100.12
** End of LINE VOLUME Source ID = OTHRIDL1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRTRU1
** DESCRSRC OTHER TRUCK TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.000037
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595223.593, 4172861.090, 100.54, 3.05, 4.65
** 595247.809, 4172808.537, 100.10, 3.05, 4.65
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   LOCATION L0012143     VOLUME   595225.685 4172856.549 100.55
   LOCATION L0012144     VOLUME   595229.870 4172847.467 100.56
   LOCATION L0012145     VOLUME   595234.055 4172838.385 100.53
   LOCATION L0012146     VOLUME   595238.240 4172829.302 100.31
   LOCATION L0012147     VOLUME   595242.425 4172820.220 100.16
   LOCATION L0012148     VOLUME   595246.610 4172811.138 100.11
** End of LINE VOLUME Source ID = OTHRTRU1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRIDL2
** DESCRSRC OTHER TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 6.0E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595269.449, 4172723.524, 100.19, 3.05, 4.65
** 595290.816, 4172669.578, 100.16, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0012107     VOLUME   595271.290 4172718.875 100.26
   LOCATION L0012108     VOLUME   595274.973 4172709.578 100.22
   LOCATION L0012109     VOLUME   595278.655 4172700.281 100.07
   LOCATION L0012110     VOLUME   595282.338 4172690.984 99.86
   LOCATION L0012111     VOLUME   595286.020 4172681.686 99.81
   LOCATION L0012112     VOLUME   595289.703 4172672.389 100.04
** End of LINE VOLUME Source ID = OTHRIDL2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRTRU2
** DESCRSRC OTHER TRUCK TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.000037356
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595269.449, 4172723.524, 100.19, 3.05, 4.65
** 595290.816, 4172669.578, 100.16, 3.05, 4.65
** ----------------------------------------------------------------------
   LOCATION L0012232     VOLUME   595271.290 4172718.875 100.19
   LOCATION L0012233     VOLUME   595274.973 4172709.578 100.18
   LOCATION L0012234     VOLUME   595278.655 4172700.281 100.18
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   LOCATION L0012235     VOLUME   595282.338 4172690.984 100.17
   LOCATION L0012236     VOLUME   595286.020 4172681.686 100.17
   LOCATION L0012237     VOLUME   595289.703 4172672.389 100.16
** End of LINE VOLUME Source ID = OTHRTRU2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRIDL3
** DESCRSRC OTHER TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 6.0E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595407.549, 4172375.024, 100.05, 3.05, 4.65
** 595462.884, 4172392.316, 100.28, 3.05, 4.65
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   LOCATION L0012113     VOLUME   595412.321 4172376.515 100.09
   LOCATION L0012114     VOLUME   595421.866 4172379.498 100.11
   LOCATION L0012115     VOLUME   595431.411 4172382.481 100.10
   LOCATION L0012116     VOLUME   595440.956 4172385.464 100.12
   LOCATION L0012117     VOLUME   595450.501 4172388.446 100.20
   LOCATION L0012118     VOLUME   595460.045 4172391.429 100.27
** End of LINE VOLUME Source ID = OTHRIDL3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRTRU3
** DESCRSRC OTHER TRUCK TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.000037356
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595407.549, 4172375.024, 100.05, 3.05, 4.65
** 595462.884, 4172392.316, 100.28, 3.05, 4.65
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   LOCATION L0012243     VOLUME   595412.321 4172376.515 100.07
   LOCATION L0012244     VOLUME   595421.866 4172379.498 100.11
   LOCATION L0012245     VOLUME   595431.411 4172382.481 100.15
   LOCATION L0012246     VOLUME   595440.956 4172385.464 100.19
   LOCATION L0012247     VOLUME   595450.501 4172388.446 100.23
   LOCATION L0012248     VOLUME   595460.045 4172391.429 100.27
** End of LINE VOLUME Source ID = OTHRTRU3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRIDL4
** DESCRSRC OTHER TRUCK IDLING
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 6.0E-06
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595578.655, 4172111.212, 100.52, 3.05, 4.65
** 595570.020, 4172053.839, 100.25, 3.05, 4.65
** ----------------------------------------------------------------
   LOCATION L0012119     VOLUME   595577.911 4172106.268 100.39
   LOCATION L0012120     VOLUME   595576.423 4172096.379 100.35
   LOCATION L0012121     VOLUME   595574.934 4172086.490 100.35
   LOCATION L0012122     VOLUME   595573.446 4172076.602 100.28
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   LOCATION L0012123     VOLUME   595571.958 4172066.713 100.22
   LOCATION L0012124     VOLUME   595570.469 4172056.825 100.25
** End of LINE VOLUME Source ID = OTHRIDL4
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTHRTRU4
** DESCRSRC OTHER TRUCK TRU
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.000037356
** Vertical Dimension = 6.10
** SZINIT = 2.84
** Nodes = 2
** 595578.655, 4172111.212, 100.52, 3.05, 4.65
** 595570.020, 4172053.839, 100.25, 3.05, 4.65
** ------------------------------------------------------------------
   LOCATION L0012249     VOLUME   595577.911 4172106.268 100.50
   LOCATION L0012250     VOLUME   595576.423 4172096.379 100.45
   LOCATION L0012251     VOLUME   595574.934 4172086.490 100.40
   LOCATION L0012252     VOLUME   595573.446 4172076.602 100.36
   LOCATION L0012253     VOLUME   595571.958 4172066.713 100.31
   LOCATION L0012254     VOLUME   595570.469 4172056.825 100.26
** End of LINE VOLUME Source ID = OTHRTRU4
** Source Parameters **
   SRCPARAM CSCO_GEN      0.000479     2.162   746.550  21.79819     0.457
   SRCPARAM HOTELGEN      0.000531     2.162   746.550  21.79819     0.457
** LINE VOLUME Source ID = CSTRKIDL
   SRCPARAM L0012091     0.000000525      3.05      4.65      2.84
   SRCPARAM L0012092     0.000000525      3.05      4.65      2.84
   SRCPARAM L0012093     0.000000525      3.05      4.65      2.84
   SRCPARAM L0012094     0.000000525      3.05      4.65      2.84
   SRCPARAM L0012095     0.000000525      3.05      4.65      2.84
   SRCPARAM L0012096     0.000000525      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = CSCO_TRU
   SRCPARAM L0009594     0.0000196667      3.05      4.65      2.84
   SRCPARAM L0009595     0.0000196667      3.05      4.65      2.84
   SRCPARAM L0009596     0.0000196667      3.05      4.65      2.84
   SRCPARAM L0009597     0.0000196667      3.05      4.65      2.84
   SRCPARAM L0009598     0.0000196667      3.05      4.65      2.84
   SRCPARAM L0009599     0.0000196667      3.05      4.65      2.84
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** LINE VOLUME Source ID = GSTRKIDL
   SRCPARAM L0012097     0.00000035      3.05      4.65      2.84
   SRCPARAM L0012098     0.00000035      3.05      4.65      2.84
   SRCPARAM L0012099     0.00000035      3.05      4.65      2.84
   SRCPARAM L0012100     0.00000035      3.05      4.65      2.84
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** LINE VOLUME Source ID = CSCO_EXH
   SRCPARAM L0011886     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011887     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011888     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011889     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011890     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011891     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011892     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011893     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011894     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011895     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011896     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011897     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011898     0.000000009459      3.05      6.23      2.84
   SRCPARAM L0011899     0.000000009459      3.05      6.23      2.84
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SRCPARAM L0011959     0.00000009459      3.05      6.23      2.84
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   SRCPARAM L0011964     0.00000009459      3.05      6.23      2.84
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   SRCPARAM L0011967     0.00000009459      3.05      6.23      2.84
   SRCPARAM L0011968     0.00000009459      3.05      6.23      2.84
   SRCPARAM L0011969     0.00000009459      3.05      6.23      2.84
   SRCPARAM L0011970     0.00000009459      3.05      6.23      2.84
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   SRCPARAM L0011972     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011973     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011974     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011975     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011976     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011977     0.00000004212      3.05      6.23      2.84
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   SRCPARAM L0011980     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011981     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011982     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011983     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011984     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011985     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011986     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011987     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011988     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011989     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011990     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011991     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011992     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011993     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011994     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011995     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011996     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011997     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011998     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0011999     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012000     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012001     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012002     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012003     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012004     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012005     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012006     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012007     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012008     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012009     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012010     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012011     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012012     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012013     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012014     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012015     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012016     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012017     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012018     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012019     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012020     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012021     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012022     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012023     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012024     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012025     0.00000004212      3.05      6.23      2.84
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   SRCPARAM L0012026     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012027     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012028     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012029     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012030     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012031     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012032     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012033     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012034     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012035     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012036     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012037     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012038     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012039     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012040     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012041     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012042     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012043     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012044     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012045     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012046     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012047     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012048     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012049     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012050     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012051     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012052     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012053     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012054     0.00000004212      3.05      6.23      2.84
   SRCPARAM L0012055     0.00000004212      3.05      6.23      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HOTL_EXH
   SRCPARAM L0012056     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012057     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012058     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012059     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012060     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012061     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012062     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012063     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012064     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012065     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012066     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012067     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012068     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012069     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012070     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012071     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012072     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012073     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012074     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012075     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012076     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012077     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012078     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012079     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012080     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012081     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012082     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012083     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012084     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012085     0.00000007516      3.05      6.23      2.84
   SRCPARAM L0012086     0.00000007516      3.05      6.23      2.84
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** LINE VOLUME Source ID = CSCO_LD
   SRCPARAM L0011370     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011371     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011372     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011373     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011374     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011375     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011376     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011377     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011378     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011379     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011380     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011381     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011382     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011383     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011384     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011385     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011386     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011387     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011388     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011389     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011390     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011391     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011392     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011393     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011394     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011395     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011396     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011397     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011398     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011399     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011400     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011401     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011402     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011403     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011404     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011405     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011406     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011407     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011408     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011409     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011410     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011411     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011412     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011413     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011414     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011415     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011416     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011417     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011418     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011419     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011420     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011421     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011422     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011423     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011424     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011425     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011426     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011427     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011428     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011429     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011430     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011431     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011432     0.000002735      2.00      6.23      1.86
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   SRCPARAM L0011433     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011434     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011435     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011436     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011437     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011438     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011439     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011440     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011441     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011442     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011443     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011444     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011445     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011446     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011447     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011448     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011449     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011450     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011451     0.000002735      2.00      6.23      1.86
   SRCPARAM L0011452     0.000002735      2.00      6.23      1.86
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** LINE VOLUME Source ID = GAS_LD
   SRCPARAM L0011453     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011454     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011455     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011456     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011457     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011458     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011459     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011460     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011461     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011462     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011463     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011464     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011465     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011466     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011467     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011468     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011469     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011470     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011471     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011472     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011473     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011474     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011475     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011476     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011477     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011478     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011479     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011480     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011481     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011482     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011483     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011484     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011485     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011486     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011487     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011488     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011489     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011490     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011491     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011492     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011493     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011494     0.0000004578      2.00      6.23      1.86
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   SRCPARAM L0011495     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011496     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011497     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011498     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011499     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011500     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011501     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011502     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011503     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011504     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011505     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011506     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011507     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011508     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011509     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011510     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011511     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011512     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011513     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011514     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011515     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011516     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011517     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011518     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011519     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011520     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011521     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011522     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011523     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011524     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011525     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011526     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011527     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011528     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011529     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011530     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011531     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011532     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011533     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011534     0.0000004578      2.00      6.23      1.86
   SRCPARAM L0011535     0.0000004578      2.00      6.23      1.86
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** LINE VOLUME Source ID = RTL1_LD
   SRCPARAM L0011536     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011537     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011538     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011539     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011540     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011541     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011542     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011543     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011544     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011545     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011546     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011547     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011548     0.00000002627      2.00      6.23      1.86
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   SRCPARAM L0011560     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011561     0.00000002627      2.00      6.23      1.86
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   SRCPARAM L0011564     0.00000002627      2.00      6.23      1.86
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   SRCPARAM L0011567     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011568     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011569     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011570     0.00000002627      2.00      6.23      1.86
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   SRCPARAM L0011575     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011576     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011577     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011578     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011579     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011580     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011581     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011582     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011583     0.00000002627      2.00      6.23      1.86
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   SRCPARAM L0011585     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011586     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011587     0.00000002627      2.00      6.23      1.86
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   SRCPARAM L0011590     0.00000002627      2.00      6.23      1.86
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   SRCPARAM L0011599     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011600     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011601     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011602     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011603     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011604     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011605     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011606     0.00000002627      2.00      6.23      1.86
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   SRCPARAM L0011610     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011611     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011612     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011613     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011614     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011615     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011616     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011617     0.00000002627      2.00      6.23      1.86
   SRCPARAM L0011618     0.00000002627      2.00      6.23      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HOTL_LD
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SRCPARAM	L0011785	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011786	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011787	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011788	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011789	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011790	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011791	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011792	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011793	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011794	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011795	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011796	0.0000003108	2.00	6.23	1.86
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SRCPARAM	L0011799	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011800	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011801	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011802	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011803	0.0000003108	2.00	6.23	1.86
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SRCPARAM	L0011807	0.0000003108	2.00	6.23	1.86
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SRCPARAM	L0011809	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011810	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011811	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011812	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011813	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011814	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011815	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011816	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011817	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011818	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011819	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011820	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011821	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011822	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011823	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011824	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011825	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011826	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011827	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011828	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011829	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011830	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011831	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011832	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011833	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011834	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011835	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011836	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011837	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011838	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011839	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011840	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011841	0.0000003108	2.00	6.23	1.86
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SRCPARAM	L0011844	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011845	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011846	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011847	0.0000003108	2.00	6.23	1.86
SRCPARAM	L0011848	0.0000003108	2.00	6.23	1.86

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   SRCPARAM L0011849     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011850     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011851     0.0000003108      2.00      6.23      1.86
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   SRCPARAM L0011853     0.0000003108      2.00      6.23      1.86
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   SRCPARAM L0011855     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011856     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011857     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011858     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011859     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011860     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011861     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011862     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011863     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011864     0.0000003108      2.00      6.23      1.86
   SRCPARAM L0011865     0.0000003108      2.00      6.23      1.86
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   SRCPARAM L0011867     0.0000003108      2.00      6.23      1.86
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** LINE VOLUME Source ID = RTL2_LD
   SRCPARAM L0011619     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011620     0.000000941      2.00      6.23      1.86
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   SRCPARAM L0011622     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011623     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011624     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011625     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011626     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011627     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011628     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011629     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011630     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011631     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011632     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011633     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011634     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011635     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011636     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011637     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011638     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011639     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011640     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011641     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011642     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011643     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011644     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011645     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011646     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011647     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011648     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011649     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011650     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011651     0.000000941      2.00      6.23      1.86
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   SRCPARAM L0011654     0.000000941      2.00      6.23      1.86
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   SRCPARAM L0011660     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011661     0.000000941      2.00      6.23      1.86
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   SRCPARAM L0011662     0.000000941      2.00      6.23      1.86
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   SRCPARAM L0011664     0.000000941      2.00      6.23      1.86
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   SRCPARAM L0011666     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011667     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011668     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011669     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011670     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011671     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011672     0.000000941      2.00      6.23      1.86
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   SRCPARAM L0011674     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011675     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011676     0.000000941      2.00      6.23      1.86
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   SRCPARAM L0011679     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011680     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011681     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011682     0.000000941      2.00      6.23      1.86
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   SRCPARAM L0011684     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011685     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011686     0.000000941      2.00      6.23      1.86
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   SRCPARAM L0011688     0.000000941      2.00      6.23      1.86
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   SRCPARAM L0011690     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011691     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011692     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011693     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011694     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011695     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011696     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011697     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011698     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011699     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011700     0.000000941      2.00      6.23      1.86
   SRCPARAM L0011701     0.000000941      2.00      6.23      1.86
** --------------------------------------------------------------------
** LINE VOLUME Source ID = HOTL_IDL
   SRCPARAM L0012087     0.00000106      3.05      4.65      2.84
   SRCPARAM L0012088     0.00000106      3.05      4.65      2.84
   SRCPARAM L0012089     0.00000106      3.05      4.65      2.84
   SRCPARAM L0012090     0.00000106      3.05      4.65      2.84
** --------------------------------------------------------------------
** LINE VOLUME Source ID = HOTL_TRU
   SRCPARAM L0010580     0.0000132      3.05      4.65      2.84
   SRCPARAM L0010581     0.0000132      3.05      4.65      2.84
   SRCPARAM L0010582     0.0000132      3.05      4.65      2.84
   SRCPARAM L0010583     0.0000132      3.05      4.65      2.84
** --------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE1
   SRCPARAM L0012255     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012256     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012257     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012258     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012259     0.00000091      2.00      1.72      1.86
** --------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE2
   SRCPARAM L0012260     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012261     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012262     0.00000091      2.00      1.72      1.86
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   SRCPARAM L0012263     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012264     0.00000091      2.00      1.72      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE3
   SRCPARAM L0012265     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012266     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012267     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012268     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012269     0.00000091      2.00      1.72      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE4
   SRCPARAM L0012270     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012271     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012272     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012273     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012274     0.00000091      2.00      1.72      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = LD_IDLE5
   SRCPARAM L0012275     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012276     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012277     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012278     0.00000091      2.00      1.72      1.86
   SRCPARAM L0012279     0.00000091      2.00      1.72      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHR_EXH
   SRCPARAM L0012149     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012150     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012151     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012152     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012153     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012154     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012155     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012156     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012157     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012158     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012159     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012160     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012161     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012162     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012163     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012164     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012165     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012166     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012167     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012168     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012169     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012170     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012171     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012172     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012173     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012174     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012175     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012176     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012177     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012178     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012179     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012180     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012181     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012182     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012183     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012184     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012185     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012186     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012187     0.0000007217      3.05      6.23      2.84
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   SRCPARAM L0012188     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012189     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012190     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012191     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012192     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012193     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012194     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012195     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012196     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012197     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012198     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012199     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012200     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012201     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012202     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012203     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012204     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012205     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012206     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012207     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012208     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012209     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012210     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012211     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012212     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012213     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012214     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012215     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012216     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012217     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012218     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012219     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012220     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012221     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012222     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012223     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012224     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012225     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012226     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012227     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012228     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012229     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012230     0.0000007217      3.05      6.23      2.84
   SRCPARAM L0012231     0.0000007217      3.05      6.23      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHRIDL1
   SRCPARAM L0012280     0.0000009983      3.05      4.65      2.84
   SRCPARAM L0012281     0.0000009983      3.05      4.65      2.84
   SRCPARAM L0012282     0.0000009983      3.05      4.65      2.84
   SRCPARAM L0012283     0.0000009983      3.05      4.65      2.84
   SRCPARAM L0012284     0.0000009983      3.05      4.65      2.84
   SRCPARAM L0012285     0.0000009983      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHRTRU1
   SRCPARAM L0012143     0.000006167      3.05      4.65      2.84
   SRCPARAM L0012144     0.000006167      3.05      4.65      2.84
   SRCPARAM L0012145     0.000006167      3.05      4.65      2.84
   SRCPARAM L0012146     0.000006167      3.05      4.65      2.84
   SRCPARAM L0012147     0.000006167      3.05      4.65      2.84
   SRCPARAM L0012148     0.000006167      3.05      4.65      2.84
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OTHRIDL2
   SRCPARAM L0012107      0.000001      3.05      4.65      2.84
   SRCPARAM L0012108      0.000001      3.05      4.65      2.84
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   SRCPARAM L0012109      0.000001      3.05      4.65      2.84
   SRCPARAM L0012110      0.000001      3.05      4.65      2.84
   SRCPARAM L0012111      0.000001      3.05      4.65      2.84
   SRCPARAM L0012112      0.000001      3.05      4.65      2.84
** ----------------------------------------------------------------
** LINE VOLUME Source ID = OTHRTRU2
   SRCPARAM L0012232     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012233     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012234     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012235     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012236     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012237     0.000006226      3.05      4.65      2.84
** ----------------------------------------------------------------
** LINE VOLUME Source ID = OTHRIDL3
   SRCPARAM L0012113      0.000001      3.05      4.65      2.84
   SRCPARAM L0012114      0.000001      3.05      4.65      2.84
   SRCPARAM L0012115      0.000001      3.05      4.65      2.84
   SRCPARAM L0012116      0.000001      3.05      4.65      2.84
   SRCPARAM L0012117      0.000001      3.05      4.65      2.84
   SRCPARAM L0012118      0.000001      3.05      4.65      2.84
** ----------------------------------------------------------------
** LINE VOLUME Source ID = OTHRTRU3
   SRCPARAM L0012243     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012244     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012245     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012246     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012247     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012248     0.000006226      3.05      4.65      2.84
** ----------------------------------------------------------------
** LINE VOLUME Source ID = OTHRIDL4
   SRCPARAM L0012119      0.000001      3.05      4.65      2.84
   SRCPARAM L0012120      0.000001      3.05      4.65      2.84
   SRCPARAM L0012121      0.000001      3.05      4.65      2.84
   SRCPARAM L0012122      0.000001      3.05      4.65      2.84
   SRCPARAM L0012123      0.000001      3.05      4.65      2.84
   SRCPARAM L0012124      0.000001      3.05      4.65      2.84
** ----------------------------------------------------------------
** LINE VOLUME Source ID = OTHRTRU4
   SRCPARAM L0012249     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012250     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012251     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012252     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012253     0.000006226      3.05      4.65      2.84
   SRCPARAM L0012254     0.000006226      3.05      4.65      2.84
** ----------------------------------------------------------------

** Building Downwash **
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT CSCO_GEN        12.19    12.19    12.19    12.19    12.19    12.19

   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT HOTELGEN        16.76    16.76    16.76    16.76    16.76    16.76

   BUILDWID CSCO_GEN       147.22   156.52   164.15   166.80   164.38   156.97
   BUILDWID CSCO_GEN       145.11   155.42   161.22   163.61   164.69   160.76
   BUILDWID CSCO_GEN       151.95   138.52   120.89    99.61   119.03   135.18
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   BUILDWID CSCO_GEN       147.22   156.52   164.15   166.80   164.38   156.97
   BUILDWID CSCO_GEN       145.11   155.42   161.22   163.61   164.69   160.76
   BUILDWID CSCO_GEN       151.95   138.52   120.89    99.61   119.03   135.18

   BUILDWID HOTELGEN       103.58    96.94    87.35    75.11    60.59    44.23
   BUILDWID HOTELGEN        26.52    37.28    54.24    69.56    82.76    93.45
   BUILDWID HOTELGEN       101.30   106.07   107.62   105.90   107.31   107.07
   BUILDWID HOTELGEN       103.58    96.94    87.35    75.11    60.59    44.23
   BUILDWID HOTELGEN        26.52    37.28    54.24    69.56    82.76    93.45
   BUILDWID HOTELGEN       101.30   106.07   107.62   105.90   107.31   107.07

   BUILDLEN CSCO_GEN       163.61   164.69   160.76   151.95   138.52   120.89
   BUILDLEN CSCO_GEN        99.61   119.03   135.18   147.22   156.52   164.15
   BUILDLEN CSCO_GEN       166.80   164.38   156.97   145.11   155.42   161.22
   BUILDLEN CSCO_GEN       163.61   164.69   160.76   151.95   138.52   120.89
   BUILDLEN CSCO GEN        99.61   119.03   135.18   147.22   156.52   164.15
   BUILDLEN CSCO_GEN       166.80   164.38   156.97   145.11   155.42   161.22

   BUILDLEN HOTELGEN        69.56    82.76    93.45   101.30   106.07   107.62
   BUILDLEN HOTELGEN       105.90   107.31   107.07   103.58    96.94    87.35
   BUILDLEN HOTELGEN        75.11    60.59    44.23    26.52    37.28    54.24
   BUILDLEN HOTELGEN        69.56    82.76    93.45   101.30   106.07   107.62
   BUILDLEN HOTELGEN       105.90   107.31   107.07   103.58    96.94    87.35
   BUILDLEN HOTELGEN        75.11    60.59    44.23    26.52    37.28    54.24

   XBADJ    CSCO_GEN      -121.74  -111.97   -98.80   -82.62   -63.94   -43.31
   XBADJ    CSCO_GEN       -21.37   -17.33   -13.12    -8.51    -5.36    -5.15
   XBADJ    CSCO_GEN        -4.78    -4.27    -3.62    -3.19   -16.73   -29.75
   XBADJ    CSCO_GEN       -41.87   -52.72   -61.96   -69.33   -74.58   -77.58
   XBADJ    CSCO_GEN       -78.24  -101.69  -122.06  -138.72  -151.16  -159.01
   XBADJ    CSCO_GEN      -162.02  -160.12  -153.35  -141.92  -138.69  -131.47

   XBADJ    HOTELGEN       -59.07   -69.38   -77.58   -83.43   -86.73   -87.41
   XBADJ    HOTELGEN       -85.42   -84.02   -80.87   -75.26   -67.36   -57.42
   XBADJ    HOTELGEN       -45.73   -32.65   -18.59    -3.95    -3.84    -7.27
   XBADJ    HOTELGEN       -10.48   -13.38   -15.87   -17.87   -19.34   -20.21
   XBADJ    HOTELGEN       -20.47   -23.29   -26.20   -28.32   -29.57   -29.93
   XBADJ    HOTELGEN       -29.38   -27.93   -25.64   -22.57   -33.44   -46.97

   YBADJ    CSCO_GEN       -65.10   -72.90   -76.93   -78.62   -77.93   -74.86
   YBADJ    CSCO GEN       -69.36   -60.98   -50.86   -39.93   -29.63   -18.42
   YBADJ    CSCO_GEN        -6.65     5.32    17.13    28.44    42.18    54.47
   YBADJ    CSCO_GEN        65.10    72.90    76.93    78.62    77.93    74.86
   YBADJ    CSCO_GEN        69.36    60.98    50.86    39.93    29.63    18.42
   YBADJ    CSCO_GEN         6.65    -5.32   -17.13   -28.44   -42.18   -54.47

   YBADJ    HOTELGEN        23.47    18.90    13.75     8.18     2.36    -3.53
   YBADJ    HOTELGEN        -9.31   -14.80   -19.85   -24.30   -28.00   -30.86
   YBADJ    HOTELGEN       -32.78   -33.70   -33.60   -32.48   -30.37   -27.33
   YBADJ    HOTELGEN       -23.47   -18.90   -13.75    -8.18    -2.36     3.53
   YBADJ    HOTELGEN         9.31    14.80    19.85    24.30    28.00    30.86
   YBADJ    HOTELGEN        32.78    33.70    33.60    32.48    30.37    27.33

   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "hotelGen"
   EMISFACT HOTELGEN     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HOTELGEN     HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HOTELGEN     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HOTELGEN     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "CostcoStore"
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** WeekDays:
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CSCO_GEN     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CSCO_GEN     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0011886     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011886     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011886     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011886     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0011886     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011886     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011886     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011886     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011886     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011886     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011886     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011886     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011887     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011887     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011887     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011887     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0011887     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011887     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011887     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011887     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011887     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011887     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011887     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011887     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011888     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011888     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011888     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011888     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0011888     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011888     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011888     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011888     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011888     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011888     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011888     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011888     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011889     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011889     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011889     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011889     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0011889     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011889     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011889     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011889     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011889     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011889     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011889     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011889     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011890     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011890     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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EMISFACT L0011933     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011933     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
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EMISFACT L0011933     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011933     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011934     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0011934     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011934     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011934     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011937     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011943     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011943     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
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EMISFACT L0011948     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0011948     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011948     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0011948     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011948     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011953     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011954     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011954     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011955     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011955     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011956     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011956     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0011956     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011957     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011957     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0011957     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011959     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011959     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
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EMISFACT L0011961     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011964     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011969     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** Saturday:
** Sunday:
** WeekDays:
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   EMISFACT L0009596     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009596     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009596     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009596     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0009596     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0009597     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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   EMISFACT L0009597     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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   EMISFACT L0009599     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009599     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0009599     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009599     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009599     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009599     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009599     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0009599     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0009599     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0009599     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0011370     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011370     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011370     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011370     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0011370     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011370     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011370     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011370     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011370     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011370     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011370     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0011370     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011371     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0011371     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011371     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0011371     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0011371     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0011373     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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EMISFACT L0011388     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011433     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0011433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011433     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0011433     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011433     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011433     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011434     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011434     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
EMISFACT L0011434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011434     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT L0011434     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011447     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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   EMISFACT L0011452     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
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** WeekDays:
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   EMISFACT L0012092     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012092     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012092     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0012092     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012092     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012092     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012092     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012092     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012092     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012092     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012092     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012093     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012093     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012093     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0012093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012093     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012093     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012093     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012093     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012093     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012093     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012094     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012094     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012094     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0012094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012094     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012094     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012094     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012094     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012094     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012094     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012095     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012095     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012095     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0012095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012095     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012095     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012095     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012095     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012095     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012095     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012096     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012096     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0012096     HRDOW 1.0 1.0 0.5 0.0 0.0 0.0
   EMISFACT L0012096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012096     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012096     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012096     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012096     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT L0012096     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012096     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "GasStation"
** WeekDays:
   EMISFACT L0012097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012097     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012097     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012097     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012097     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012097     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012097     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012097     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012097     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012097     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012098     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012098     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012098     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012098     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012098     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012098     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012098     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012098     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012098     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012099     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012099     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012099     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012099     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012099     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012099     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012099     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012099     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012099     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012100     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012100     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012100     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012100     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012100     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012100     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012100     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012100     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012100     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
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** Sunday:
** WeekDays:
   EMISFACT L0012255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012255     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012255     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012255     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012255     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012256     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012256     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012256     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012256     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012257     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012257     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012257     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012257     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012258     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012258     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012258     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012258     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012259     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012259     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012259     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012259     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
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** WeekDays:
   EMISFACT L0012260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012260     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012260     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012260     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012260     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012261     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012261     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012261     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012261     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012261     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012261     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012261     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012261     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012261     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012262     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012262     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012262     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012262     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012262     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012262     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012262     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012262     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012262     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012262     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012263     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012263     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012263     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012263     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012263     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012263     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012263     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012263     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012263     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012263     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012264     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012264     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012264     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012264     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012264     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012264     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012264     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012264     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012264     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
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   EMISFACT L0012265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012265     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012265     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012265     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012265     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012265     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012265     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012265     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012265     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012265     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012265     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012266     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012266     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012266     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012266     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012266     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012266     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012266     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012266     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012266     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012267     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012267     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012267     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012267     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012267     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012267     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012267     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012267     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012267     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012268     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012268     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012268     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012268     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012268     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012268     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012268     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012268     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012268     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012268     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012269     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012269     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012269     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012269     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012269     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012269     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012269     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012269     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012269     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
** Sunday:
** WeekDays:
   EMISFACT L0012270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0012270     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012270     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012270     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012270     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012270     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012270     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012270     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012270     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012270     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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   EMISFACT L0012271     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012271     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012271     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012271     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012271     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012271     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012271     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012271     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012271     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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   EMISFACT L0012272     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012272     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012272     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012272     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012272     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012272     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012272     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012272     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012272     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012273     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012273     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012273     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012273     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012273     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0012273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012273     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012273     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012273     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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   EMISFACT L0012274     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012274     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0012274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0012274     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** Saturday:
** Sunday:
** WeekDays:
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   EMISFACT L0012275     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0012275     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012275     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0012275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0012275     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012275     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012276     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012276     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012276     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012276     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012276     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012276     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012276     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012276     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012276     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0012277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012277     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012277     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012277     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012277     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0012277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0012277     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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   EMISFACT L0012278     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012278     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
   EMISFACT L0012278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012278     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012278     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0012278     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0012279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0012279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0012279     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0012279     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** Saturday:
** Sunday:
** WeekDays:
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   EMISFACT L0011453     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011453     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011453     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011453     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011453     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011453     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011454     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011454     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0011454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011455     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011455     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0011455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011456     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011456     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0011456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011458     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011458     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0011458     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011458     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011458     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011458     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011459     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011459     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011459     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011459     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011460     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011460     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0011460     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011460     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011460     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011460     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011460     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011460     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011525     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011526     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011526     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011526     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011526     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0011527     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011527     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011527     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0011527     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011527     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011527     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011527     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0011527     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0011527     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0011527     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0011529     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0011533     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** Saturday:
** Sunday:
** WeekDays:
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   EMISFACT L0011973     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
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EMISFACT L0011981     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
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EMISFACT L0012046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0012046     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
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EMISFACT L0012046     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0012047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0012047     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0012047     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0012047     HRDOW 1.0 1.0 1.0 0.5 0.0 0.0
EMISFACT L0012047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0012047     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0012047     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0012047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0012047     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0012047     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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EMISFACT L0012048     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0012050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
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   SRCGROUP HOTL-GEN HOTELGEN
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   SRCGROUP GSTRKIDL L0012097 L0012098 L0012099 L0012100
   SRCGROUP CSCO-TRU L0009594 L0009595 L0009596 L0009597 L0009598 L0009599
   SRCGROUP LD-IDLE  L0012255 L0012256 L0012257 L0012258 L0012259 L0012260
   SRCGROUP LD-IDLE  L0012261 L0012262 L0012263 L0012264 L0012265 L0012266
   SRCGROUP LD-IDLE  L0012267 L0012268 L0012269 L0012270 L0012271 L0012272
   SRCGROUP LD-IDLE  L0012273 L0012274 L0012275 L0012276 L0012277 L0012278
   SRCGROUP LD-IDLE  L0012279
   SRCGROUP HOTL-EXH L0012056 L0012057 L0012058 L0012059 L0012060 L0012061
   SRCGROUP HOTL-EXH L0012062 L0012063 L0012064 L0012065 L0012066 L0012067
   SRCGROUP HOTL-EXH L0012068 L0012069 L0012070 L0012071 L0012072 L0012073
   SRCGROUP HOTL-EXH L0012074 L0012075 L0012076 L0012077 L0012078 L0012079
   SRCGROUP HOTL-EXH L0012080 L0012081 L0012082 L0012083 L0012084 L0012085
   SRCGROUP HOTL-EXH L0012086
   SRCGROUP HOTL-IDL L0012087 L0012088 L0012089 L0012090
   SRCGROUP HOTL-TRU L0010580 L0010581 L0010582 L0010583
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   SRCGROUP CSCO-LD  L0011388 L0011389 L0011390 L0011391 L0011392 L0011393
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SRCGROUP GAS-LD   L0011459 L0011460 L0011461 L0011462 L0011463 L0011464
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SRCGROUP GAS-LD   L0011477 L0011478 L0011479 L0011480 L0011481 L0011482
SRCGROUP GAS-LD   L0011483 L0011484 L0011485 L0011486 L0011487 L0011488
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SRCGROUP GAS-LD   L0011507 L0011508 L0011509 L0011510 L0011511 L0011512
SRCGROUP GAS-LD   L0011513 L0011514 L0011515 L0011516 L0011517 L0011518
SRCGROUP GAS-LD   L0011519 L0011520 L0011521 L0011522 L0011523 L0011524
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   SRCGROUP OTHR-EXH L0012221 L0012222 L0012223 L0012224 L0012225 L0012226
   SRCGROUP OTHR-EXH L0012227 L0012228 L0012229 L0012230 L0012231
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
** DESCRREC "UCART1" "RECEPTORS GENERATED FROM UNIFORM CARTESIAN GRID"
   DISCCART    595574.00   4171743.00   97.81  101.44    1.80
   DISCCART    595594.00   4171743.00   96.06  101.44    1.80
   DISCCART    595614.00   4171743.00   97.41  101.18    1.80
   DISCCART    595634.00   4171743.00   99.77  101.06    1.80
   DISCCART    595654.00   4171743.00   96.05  101.18    1.80
   DISCCART    595674.00   4171743.00   95.92  101.14    1.80
   DISCCART    595694.00   4171743.00   99.12  101.14    1.80
   DISCCART    595534.00   4171763.00   99.54  101.43    1.80
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DISCCART	595554.00	4171763.00	101.29	101.37	1.80
DISCCART	595574.00	4171763.00	96.99	101.52	1.80
DISCCART	595594.00	4171763.00	96.20	101.52	1.80
DISCCART	595614.00	4171763.00	98.89	101.23	1.80
DISCCART	595634.00	4171763.00	98.38	101.23	1.80
DISCCART	595654.00	4171763.00	96.28	101.23	1.80
DISCCART	595674.00	4171763.00	96.19	101.17	1.80
DISCCART	595694.00	4171763.00	100.58	100.58	1.80
DISCCART	595714.00	4171763.00	100.64	100.64	1.80
DISCCART	595734.00	4171763.00	98.51	101.14	1.80
DISCCART	595754.00	4171763.00	99.31	99.31	1.80
DISCCART	595534.00	4171783.00	101.02	101.47	1.80
DISCCART	595554.00	4171783.00	100.91	100.91	1.80
DISCCART	595574.00	4171783.00	100.49	100.49	1.80
DISCCART	595594.00	4171783.00	101.03	101.24	1.80
DISCCART	595614.00	4171783.00	101.08	101.08	1.80
DISCCART	595634.00	4171783.00	98.78	101.23	1.80
DISCCART	595654.00	4171783.00	96.81	101.23	1.80
DISCCART	595674.00	4171783.00	96.90	101.18	1.80
DISCCART	595694.00	4171783.00	101.09	101.09	1.80
DISCCART	595714.00	4171783.00	98.99	101.14	1.80
DISCCART	595734.00	4171783.00	99.01	99.01	1.80
DISCCART	595754.00	4171783.00	99.75	99.75	1.80
DISCCART	595774.00	4171783.00	99.74	99.74	1.80
DISCCART	595534.00	4171803.00	101.23	101.23	1.80
DISCCART	595554.00	4171803.00	101.24	101.45	1.80
DISCCART	595574.00	4171803.00	97.44	101.54	1.80
DISCCART	595594.00	4171803.00	97.57	101.30	1.80
DISCCART	595614.00	4171803.00	97.82	101.24	1.80
DISCCART	595634.00	4171803.00	98.75	101.23	1.80
DISCCART	595654.00	4171803.00	100.24	100.24	1.80
DISCCART	595674.00	4171803.00	100.72	101.14	1.80
DISCCART	595694.00	4171803.00	101.01	101.01	1.80
DISCCART	595714.00	4171803.00	97.43	101.18	1.80
DISCCART	595734.00	4171803.00	99.30	99.30	1.80
DISCCART	595754.00	4171803.00	100.29	100.29	1.80
DISCCART	595514.00	4171823.00	99.60	101.28	1.80
DISCCART	595534.00	4171823.00	101.26	101.26	1.80
DISCCART	595554.00	4171823.00	100.86	101.53	1.80
DISCCART	595574.00	4171823.00	95.57	101.66	1.80
DISCCART	595594.00	4171823.00	95.80	101.66	1.80
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DISCCART	595734.00	4171823.00	99.32	99.32	1.80
DISCCART	595754.00	4171823.00	99.75	99.75	1.80
DISCCART	595514.00	4171843.00	100.28	101.23	1.80
DISCCART	595534.00	4171843.00	101.27	101.27	1.80
DISCCART	595554.00	4171843.00	101.27	101.27	1.80
DISCCART	595574.00	4171843.00	97.82	101.61	1.80
DISCCART	595594.00	4171843.00	95.87	101.80	1.80
DISCCART	595614.00	4171843.00	97.52	101.66	1.80
DISCCART	595634.00	4171843.00	97.40	101.66	1.80
DISCCART	595654.00	4171843.00	97.51	101.60	1.80
DISCCART	595674.00	4171843.00	100.34	100.89	1.80
DISCCART	595694.00	4171843.00	100.08	100.91	1.80
DISCCART	595714.00	4171843.00	98.47	100.91	1.80
DISCCART	595734.00	4171843.00	99.46	99.46	1.80
DISCCART	595754.00	4171843.00	99.53	99.53	1.80
DISCCART	595514.00	4171863.00	100.93	100.93	1.80
DISCCART	595534.00	4171863.00	101.26	101.26	1.80

DISCCART	595554.00	4171863.00	101.28	101.28	1.80
DISCCART	595574.00	4171863.00	101.38	101.38	1.80
DISCCART	595594.00	4171863.00	101.46	101.46	1.80
DISCCART	595614.00	4171863.00	101.55	101.55	1.80
DISCCART	595634.00	4171863.00	100.20	101.60	1.80
DISCCART	595654.00	4171863.00	97.64	101.68	1.80
DISCCART	595674.00	4171863.00	100.92	100.92	1.80
DISCCART	595694.00	4171863.00	99.01	101.10	1.80
DISCCART	595714.00	4171863.00	99.23	100.86	1.80
DISCCART	595734.00	4171863.00	99.62	100.86	1.80
DISCCART	595754.00	4171863.00	99.50	99.50	1.80
DISCCART	595774.00	4171863.00	99.38	99.38	1.80
DISCCART	595794.00	4171863.00	99.11	99.73	1.80
DISCCART	595814.00	4171863.00	99.19	99.72	1.80
DISCCART	595514.00	4171883.00	100.60	100.60	1.80
DISCCART	595534.00	4171883.00	100.66	100.66	1.80
DISCCART	595554.00	4171883.00	101.08	101.08	1.80
DISCCART	595574.00	4171883.00	101.55	101.55	1.80
DISCCART	595594.00	4171883.00	101.55	101.55	1.80
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DISCCART	595634.00	4171883.00	101.55	101.55	1.80
DISCCART	595654.00	4171883.00	100.36	101.37	1.80
DISCCART	595674.00	4171883.00	100.97	100.97	1.80
DISCCART	595694.00	4171883.00	99.19	100.88	1.80
DISCCART	595714.00	4171883.00	98.97	100.86	1.80
DISCCART	595734.00	4171883.00	99.35	99.35	1.80
DISCCART	595754.00	4171883.00	99.53	99.53	1.80
DISCCART	595774.00	4171883.00	99.40	99.40	1.80
DISCCART	595794.00	4171883.00	99.66	99.66	1.80
DISCCART	595814.00	4171883.00	99.07	99.07	1.80
DISCCART	595514.00	4171903.00	101.04	101.04	1.80
DISCCART	595534.00	4171903.00	101.38	101.38	1.80
DISCCART	595554.00	4171903.00	101.30	101.30	1.80
DISCCART	595574.00	4171903.00	100.94	100.94	1.80
DISCCART	595594.00	4171903.00	101.02	101.02	1.80
DISCCART	595614.00	4171903.00	101.05	101.05	1.80
DISCCART	595634.00	4171903.00	101.56	101.56	1.80
DISCCART	595654.00	4171903.00	100.97	100.97	1.80
DISCCART	595674.00	4171903.00	100.79	100.79	1.80
DISCCART	595694.00	4171903.00	100.26	100.26	1.80
DISCCART	595714.00	4171903.00	97.48	100.71	1.80
DISCCART	595734.00	4171903.00	99.33	99.33	1.80
DISCCART	595754.00	4171903.00	98.86	99.66	1.80
DISCCART	595774.00	4171903.00	98.61	98.61	1.80
DISCCART	595794.00	4171903.00	98.62	98.62	1.80
DISCCART	595814.00	4171903.00	98.89	98.89	1.80
DISCCART	595534.00	4171923.00	101.21	101.21	1.80
DISCCART	595554.00	4171923.00	101.31	101.31	1.80
DISCCART	595574.00	4171923.00	101.25	101.25	1.80
DISCCART	595594.00	4171923.00	101.13	101.13	1.80
DISCCART	595614.00	4171923.00	100.94	100.94	1.80
DISCCART	595634.00	4171923.00	100.89	100.89	1.80
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DISCCART	595774.00	4171923.00	98.36	98.36	1.80
DISCCART	595794.00	4171923.00	98.59	98.59	1.80
DISCCART	595814.00	4171923.00	98.67	98.67	1.80
DISCCART	595534.00	4171943.00	100.87	100.87	1.80
DISCCART	595554.00	4171943.00	101.23	101.23	1.80
DISCCART	595574.00	4171943.00	101.20	101.20	1.80
DISCCART	595594.00	4171943.00	101.19	101.19	1.80
DISCCART	595614.00	4171943.00	101.09	101.09	1.80

DISCCART	595634.00	4171943.00	100.97	100.97	1.80
DISCCART	595654.00	4171943.00	100.92	100.92	1.80
DISCCART	595674.00	4171943.00	100.66	100.66	1.80
DISCCART	595694.00	4171943.00	100.51	100.51	1.80
DISCCART	595554.00	4171963.00	100.97	100.97	1.80
DISCCART	595574.00	4171963.00	101.11	101.11	1.80
DISCCART	595594.00	4171963.00	101.05	101.05	1.80
DISCCART	595614.00	4171963.00	101.02	101.02	1.80
DISCCART	595634.00	4171963.00	100.84	100.84	1.80
DISCCART	595654.00	4171963.00	100.92	100.92	1.80
DISCCART	595674.00	4171963.00	100.84	100.84	1.80
DISCCART	595574.00	4171983.00	100.92	100.92	1.80
DISCCART	595074.00	4172423.00	101.37	101.37	1.80
DISCCART	595094.00	4172423.00	101.32	101.32	1.80
DISCCART	595074.00	4172443.00	101.51	101.51	1.80
DISCCART	595094.00	4172443.00	101.39	101.39	1.80
DISCCART	595114.00	4172443.00	101.38	101.38	1.80
DISCCART	595134.00	4172443.00	101.30	101.30	1.80
DISCCART	595054.00	4172463.00	101.45	101.45	1.80
DISCCART	595074.00	4172463.00	101.44	101.44	1.80
DISCCART	595094.00	4172463.00	101.45	101.45	1.80
DISCCART	595114.00	4172463.00	101.44	101.44	1.80
DISCCART	595054.00	4172483.00	102.88	103.72	1.80
DISCCART	595074.00	4172483.00	101.50	103.72	1.80
DISCCART	595094.00	4172483.00	101.42	101.42	1.80
DISCCART	595114.00	4172483.00	101.42	101.42	1.80
DISCCART	595034.00	4172503.00	101.51	101.51	1.80
DISCCART	595054.00	4172503.00	101.99	103.72	1.80
DISCCART	595074.00	4172503.00	101.81	101.81	1.80
DISCCART	595094.00	4172503.00	101.61	101.61	1.80
DISCCART	595114.00	4172503.00	101.25	101.25	1.80
DISCCART	595034.00	4172523.00	101.52	101.52	1.80
DISCCART	595054.00	4172523.00	101.41	101.41	1.80
DISCCART	595074.00	4172523.00	101.32	101.32	1.80
DISCCART	595094.00	4172523.00	101.69	101.69	1.80
DISCCART	595034.00	4172543.00	101.56	101.56	1.80
DISCCART	595054.00	4172543.00	101.38	101.38	1.80
DISCCART	595074.00	4172543.00	101.42	101.42	1.80
DISCCART	595094.00	4172543.00	101.27	101.27	1.80
DISCCART	595014.00	4172563.00	101.40	101.40	1.80
DISCCART	595034.00	4172563.00	101.46	101.46	1.80
DISCCART	595054.00	4172563.00	101.48	101.48	1.80
DISCCART	595074.00	4172563.00	101.58	101.58	1.80
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DISCCART	595014.00	4172583.00	101.37	101.37	1.80
DISCCART	595034.00	4172583.00	101.56	101.56	1.80
DISCCART	595054.00	4172583.00	101.50	101.50	1.80
DISCCART	595074.00	4172583.00	101.60	101.60	1.80
DISCCART	595034.00	4172603.00	101.28	101.28	1.80
DISCCART	595054.00	4172603.00	101.45	101.45	1.80
DISCCART	595074.00	4172603.00	101.45	101.45	1.80
DISCCART	595534.00	4172643.00	100.66	100.66	1.80
DISCCART	595554.00	4172643.00	100.68	100.68	1.80
DISCCART	595574.00	4172643.00	100.98	100.98	1.80
DISCCART	595534.00	4172663.00	100.70	100.70	1.80
DISCCART	595554.00	4172663.00	100.77	100.77	1.80
DISCCART	595574.00	4172663.00	100.96	100.96	1.80
DISCCART	595534.00	4172683.00	100.64	100.64	1.80
DISCCART	595554.00	4172683.00	100.72	100.72	1.80
DISCCART	595574.00	4172683.00	100.77	100.77	1.80
DISCCART	595294.00	4172743.00	99.98	99.98	1.80
DISCCART	595314.00	4172743.00	100.38	100.38	1.80
DISCCART	595334.00	4172743.00	100.45	100.45	1.80
DISCCART	595534.00	4172743.00	100.34	100.34	1.80

DISCCART	595294.00	4172763.00	99.71	99.71	1.80
DISCCART	595314.00	4172763.00	100.29	100.29	1.80
DISCCART	595334.00	4172763.00	100.28	100.28	1.80
DISCCART	595354.00	4172763.00	99.74	99.74	1.80
DISCCART	595374.00	4172763.00	100.40	100.40	1.80
DISCCART	595534.00	4172763.00	100.36	100.36	1.80
DISCCART	595554.00	4172763.00	100.48	100.48	1.80
DISCCART	595574.00	4172763.00	100.45	100.45	1.80
DISCCART	594934.00	4172783.00	101.40	101.40	1.80
DISCCART	594954.00	4172783.00	102.11	102.11	1.80
DISCCART	594974.00	4172783.00	102.15	102.15	1.80
DISCCART	595274.00	4172783.00	99.65	99.65	1.80
DISCCART	595354.00	4172783.00	100.44	100.44	1.80
DISCCART	595374.00	4172783.00	100.72	100.72	1.80
DISCCART	595394.00	4172783.00	100.71	100.71	1.80
DISCCART	595414.00	4172783.00	100.60	100.60	1.80
DISCCART	595434.00	4172783.00	100.41	100.41	1.80
DISCCART	595514.00	4172783.00	100.26	100.26	1.80
DISCCART	595534.00	4172783.00	100.31	100.31	1.80
DISCCART	595554.00	4172783.00	100.43	100.43	1.80
DISCCART	595574.00	4172783.00	100.28	100.28	1.80
DISCCART	595594.00	4172783.00	100.51	100.51	1.80
DISCCART	595614.00	4172783.00	100.48	100.48	1.80
DISCCART	595634.00	4172783.00	100.67	100.67	1.80
DISCCART	594894.00	4172803.00	102.16	102.16	1.80
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DISCCART	594934.00	4172803.00	101.92	101.92	1.80
DISCCART	594954.00	4172803.00	102.04	102.04	1.80
DISCCART	594974.00	4172803.00	101.95	101.95	1.80
DISCCART	595274.00	4172803.00	100.01	100.01	1.80
DISCCART	595294.00	4172803.00	100.30	100.30	1.80
DISCCART	595314.00	4172803.00	100.11	100.11	1.80
DISCCART	595354.00	4172803.00	100.25	100.25	1.80
DISCCART	595374.00	4172803.00	100.60	100.60	1.80
DISCCART	595394.00	4172803.00	100.74	100.74	1.80
DISCCART	595414.00	4172803.00	100.67	100.67	1.80
DISCCART	595434.00	4172803.00	100.70	100.70	1.80
DISCCART	595454.00	4172803.00	100.69	100.69	1.80
DISCCART	595474.00	4172803.00	100.41	100.41	1.80
DISCCART	595534.00	4172803.00	100.13	100.13	1.80
DISCCART	595554.00	4172803.00	100.34	100.34	1.80
DISCCART	595574.00	4172803.00	100.23	100.23	1.80
DISCCART	595594.00	4172803.00	100.53	100.53	1.80
DISCCART	595614.00	4172803.00	100.44	100.44	1.80
DISCCART	595634.00	4172803.00	100.46	100.46	1.80
DISCCART	595654.00	4172803.00	100.59	100.59	1.80
DISCCART	595674.00	4172803.00	100.79	100.79	1.80
DISCCART	594874.00	4172823.00	102.62	102.62	1.80
DISCCART	594894.00	4172823.00	102.35	102.35	1.80
DISCCART	594914.00	4172823.00	102.14	102.14	1.80
DISCCART	594934.00	4172823.00	102.01	102.01	1.80
DISCCART	594954.00	4172823.00	102.05	102.05	1.80
DISCCART	595254.00	4172823.00	100.08	100.08	1.80
DISCCART	595274.00	4172823.00	100.22	100.22	1.80
DISCCART	595294.00	4172823.00	100.30	100.30	1.80
DISCCART	595334.00	4172823.00	100.00	100.00	1.80
DISCCART	595354.00	4172823.00	100.37	100.37	1.80
DISCCART	595374.00	4172823.00	100.34	100.34	1.80
DISCCART	595394.00	4172823.00	100.54	100.54	1.80
DISCCART	595414.00	4172823.00	100.72	100.72	1.80
DISCCART	595434.00	4172823.00	100.70	100.70	1.80
DISCCART	595454.00	4172823.00	100.70	100.70	1.80
DISCCART	595474.00	4172823.00	100.76	100.76	1.80
DISCCART	595494.00	4172823.00	100.60	100.60	1.80

DISCCART	595514.00	4172823.00	100.46	100.46	1.80
DISCCART	595534.00	4172823.00	100.26	100.26	1.80
DISCCART	595574.00	4172823.00	100.11	100.11	1.80
DISCCART	595594.00	4172823.00	100.30	100.30	1.80
DISCCART	595614.00	4172823.00	100.30	100.30	1.80
DISCCART	595634.00	4172823.00	100.44	100.44	1.80
DISCCART	595654.00	4172823.00	100.49	100.49	1.80
DISCCART	595674.00	4172823.00	100.62	103.26	1.80
DISCCART	594874.00	4172843.00	102.26	102.26	1.80
DISCCART	594894.00	4172843.00	102.58	102.58	1.80
DISCCART	594914.00	4172843.00	102.24	102.24	1.80
DISCCART	594934.00	4172843.00	102.03	102.03	1.80
DISCCART	594954.00	4172843.00	102.09	102.09	1.80
DISCCART	595254.00	4172843.00	100.26	100.26	1.80
DISCCART	595274.00	4172843.00	100.08	100.08	1.80
DISCCART	595294.00	4172843.00	100.10	100.10	1.80
DISCCART	595334.00	4172843.00	100.21	100.21	1.80
DISCCART	595354.00	4172843.00	100.33	100.33	1.80
DISCCART	595374.00	4172843.00	100.38	100.38	1.80
DISCCART	595394.00	4172843.00	100.49	100.49	1.80
DISCCART	595414.00	4172843.00	100.47	100.47	1.80
DISCCART	595434.00	4172843.00	100.54	100.54	1.80
DISCCART	595454.00	4172843.00	100.52	100.52	1.80
DISCCART	595474.00	4172843.00	100.76	100.76	1.80
DISCCART	595494.00	4172843.00	100.63	100.63	1.80
DISCCART	595514.00	4172843.00	100.50	100.50	1.80
DISCCART	595534.00	4172843.00	100.56	100.56	1.80
DISCCART	595554.00	4172843.00	100.48	100.48	1.80
DISCCART	595574.00	4172843.00	100.20	100.20	1.80
DISCCART	595634.00	4172843.00	100.47	100.47	1.80
DISCCART	595654.00	4172843.00	100.55	100.55	1.80
DISCCART	595674.00	4172843.00	100.74	103.38	1.80
DISCCART	594854.00	4172863.00	102.28	102.28	1.80
DISCCART	594874.00	4172863.00	102.02	102.02	1.80
DISCCART	594894.00	4172863.00	102.50	102.50	1.80
DISCCART	594914.00	4172863.00	102.54	102.54	1.80
DISCCART	594934.00	4172863.00	102.11	102.11	1.80
DISCCART	595234.00	4172863.00	100.45	100.45	1.80
DISCCART	595254.00	4172863.00	100.52	100.52	1.80
DISCCART	595274.00	4172863.00	100.51	100.51	1.80
DISCCART	595294.00	4172863.00	99.89	99.89	1.80
DISCCART	595314.00	4172863.00	99.89	99.89	1.80
DISCCART	595334.00	4172863.00	100.11	100.11	1.80
DISCCART	595354.00	4172863.00	100.36	100.36	1.80
DISCCART	595374.00	4172863.00	100.26	100.26	1.80
DISCCART	595394.00	4172863.00	100.54	100.54	1.80
DISCCART	595414.00	4172863.00	100.48	100.48	1.80
DISCCART	595434.00	4172863.00	100.43	100.43	1.80
DISCCART	595454.00	4172863.00	100.19	100.19	1.80
DISCCART	595474.00	4172863.00	100.32	100.32	1.80
DISCCART	595494.00	4172863.00	100.36	100.36	1.80
DISCCART	595514.00	4172863.00	100.45	100.45	1.80
DISCCART	595534.00	4172863.00	100.66	100.66	1.80
DISCCART	595554.00	4172863.00	100.59	100.59	1.80
DISCCART	595574.00	4172863.00	100.11	100.11	1.80
DISCCART	595594.00	4172863.00	99.98	99.98	1.80
DISCCART	595614.00	4172863.00	99.80	99.80	1.80
DISCCART	594854.00	4172883.00	102.58	102.58	1.80
DISCCART	594874.00	4172883.00	102.60	102.60	1.80
DISCCART	594894.00	4172883.00	102.69	102.69	1.80
DISCCART	594914.00	4172883.00	102.66	102.66	1.80
DISCCART	595234.00	4172883.00	100.47	100.47	1.80
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DISCCART	595274.00	4172883.00	100.54	100.54	1.80

DISCCART	595294.00	4172883.00	100.20	100.20	1.80
DISCCART	595314.00	4172883.00	100.36	100.36	1.80
DISCCART	595334.00	4172883.00	100.08	100.08	1.80
DISCCART	595374.00	4172883.00	99.88	99.88	1.80
DISCCART	595394.00	4172883.00	100.28	100.28	1.80
DISCCART	595414.00	4172883.00	100.34	100.34	1.80
DISCCART	595434.00	4172883.00	100.04	100.04	1.80
DISCCART	595454.00	4172883.00	100.23	100.23	1.80
DISCCART	595474.00	4172883.00	100.21	100.21	1.80
DISCCART	595494.00	4172883.00	100.31	100.31	1.80
DISCCART	595514.00	4172883.00	100.17	100.17	1.80
DISCCART	595534.00	4172883.00	100.31	100.31	1.80
DISCCART	595554.00	4172883.00	100.20	100.20	1.80
DISCCART	595574.00	4172883.00	99.94	99.94	1.80
DISCCART	595594.00	4172883.00	100.18	100.18	1.80
DISCCART	595614.00	4172883.00	100.32	100.32	1.80
DISCCART	595634.00	4172883.00	100.41	100.41	1.80
DISCCART	595654.00	4172883.00	100.41	103.37	1.80
DISCCART	594854.00	4172903.00	102.65	102.65	1.80
DISCCART	594874.00	4172903.00	102.65	102.65	1.80
DISCCART	594894.00	4172903.00	102.74	102.74	1.80
DISCCART	594914.00	4172903.00	102.69	102.69	1.80
DISCCART	595234.00	4172903.00	100.47	100.47	1.80
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DISCCART	595274.00	4172903.00	100.45	100.45	1.80
DISCCART	595294.00	4172903.00	100.31	100.31	1.80
DISCCART	595314.00	4172903.00	100.46	100.46	1.80
DISCCART	595334.00	4172903.00	100.21	100.21	1.80
DISCCART	595354.00	4172903.00	100.39	100.39	1.80
DISCCART	595374.00	4172903.00	100.21	100.21	1.80
DISCCART	595414.00	4172903.00	99.79	99.79	1.80
DISCCART	595434.00	4172903.00	99.89	99.89	1.80
DISCCART	595454.00	4172903.00	100.08	100.08	1.80
DISCCART	595474.00	4172903.00	100.22	100.22	1.80
DISCCART	595494.00	4172903.00	100.21	100.21	1.80
DISCCART	595514.00	4172903.00	100.31	100.31	1.80
DISCCART	595534.00	4172903.00	100.36	100.36	1.80
DISCCART	595554.00	4172903.00	100.06	100.06	1.80
DISCCART	595574.00	4172903.00	99.89	99.89	1.80
DISCCART	595594.00	4172903.00	100.29	100.29	1.80
DISCCART	595614.00	4172903.00	100.53	100.53	1.80
DISCCART	595634.00	4172903.00	100.50	100.50	1.80
DISCCART	594854.00	4172923.00	102.77	102.77	1.80
DISCCART	594874.00	4172923.00	102.64	102.64	1.80
DISCCART	594894.00	4172923.00	102.66	102.66	1.80
DISCCART	594914.00	4172923.00	102.49	102.49	1.80
DISCCART	595254.00	4172923.00	100.40	100.40	1.80
DISCCART	595274.00	4172923.00	100.38	100.38	1.80
DISCCART	595294.00	4172923.00	100.46	100.46	1.80
DISCCART	595314.00	4172923.00	100.49	100.49	1.80
DISCCART	595334.00	4172923.00	100.20	100.20	1.80
DISCCART	595354.00	4172923.00	100.48	100.48	1.80
DISCCART	595374.00	4172923.00	100.49	100.49	1.80
DISCCART	595394.00	4172923.00	100.39	100.39	1.80
DISCCART	595414.00	4172923.00	100.14	100.14	1.80
DISCCART	595474.00	4172923.00	99.91	99.91	1.80
DISCCART	595494.00	4172923.00	100.23	100.23	1.80
DISCCART	595514.00	4172923.00	100.34	100.34	1.80
DISCCART	595534.00	4172923.00	100.43	100.43	1.80
DISCCART	595554.00	4172923.00	100.04	100.04	1.80
DISCCART	595574.00	4172923.00	100.11	100.11	1.80
DISCCART	595594.00	4172923.00	100.30	100.30	1.80
DISCCART	595614.00	4172923.00	100.19	100.19	1.80
DISCCART	595634.00	4172923.00	100.40	103.39	1.80

DISCCART	595314.00	4172943.00	100.39	100.39	1.80
DISCCART	595334.00	4172943.00	100.45	100.45	1.80
DISCCART	595354.00	4172943.00	100.45	100.45	1.80
DISCCART	595374.00	4172943.00	100.46	100.46	1.80
DISCCART	595394.00	4172943.00	100.23	100.23	1.80
DISCCART	595414.00	4172943.00	100.25	100.25	1.80
DISCCART	595434.00	4172943.00	100.18	100.18	1.80
DISCCART	595454.00	4172943.00	100.13	100.13	1.80
DISCCART	595514.00	4172943.00	100.03	100.03	1.80
DISCCART	595534.00	4172943.00	100.11	100.11	1.80
DISCCART	595554.00	4172943.00	100.06	100.06	1.80
DISCCART	595574.00	4172943.00	100.35	100.35	1.80
DISCCART	595594.00	4172943.00	100.30	100.30	1.80
DISCCART	595614.00	4172943.00	100.17	100.17	1.80
DISCCART	595634.00	4172943.00	100.44	103.44	1.80
DISCCART	595314.00	4172963.00	100.56	100.56	1.80
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DISCCART	595354.00	4172963.00	100.32	100.32	1.80
DISCCART	595374.00	4172963.00	100.34	100.34	1.80
DISCCART	595394.00	4172963.00	100.33	100.33	1.80
DISCCART	595414.00	4172963.00	100.34	100.34	1.80
DISCCART	595434.00	4172963.00	100.25	100.25	1.80
DISCCART	595454.00	4172963.00	100.28	100.28	1.80
DISCCART	595474.00	4172963.00	100.51	100.51	1.80
DISCCART	595494.00	4172963.00	100.29	100.29	1.80
DISCCART	595514.00	4172963.00	100.21	100.21	1.80
DISCCART	595554.00	4172963.00	100.17	100.17	1.80
DISCCART	595574.00	4172963.00	100.25	100.25	1.80
DISCCART	595594.00	4172963.00	100.29	100.29	1.80
DISCCART	595614.00	4172963.00	100.18	103.44	1.80
DISCCART	595314.00	4172983.00	100.55	100.55	1.80
DISCCART	595334.00	4172983.00	100.31	100.31	1.80
DISCCART	595354.00	4172983.00	100.27	100.27	1.80
DISCCART	595374.00	4172983.00	100.28	100.28	1.80
DISCCART	595394.00	4172983.00	100.20	100.20	1.80
DISCCART	595414.00	4172983.00	100.26	100.26	1.80
DISCCART	595434.00	4172983.00	100.19	100.19	1.80
DISCCART	595454.00	4172983.00	100.19	100.19	1.80
DISCCART	595474.00	4172983.00	100.46	100.46	1.80
DISCCART	595494.00	4172983.00	100.32	100.32	1.80
DISCCART	595514.00	4172983.00	100.53	100.53	1.80
DISCCART	595534.00	4172983.00	100.46	100.46	1.80
DISCCART	595554.00	4172983.00	100.33	100.33	1.80
DISCCART	595574.00	4172983.00	100.62	100.62	1.80
DISCCART	595594.00	4172983.00	100.58	100.58	1.80
DISCCART	595614.00	4172983.00	100.33	103.43	1.80
DISCCART	595314.00	4173003.00	100.23	100.23	1.80
DISCCART	595334.00	4173003.00	100.48	100.48	1.80
DISCCART	595354.00	4173003.00	100.39	100.39	1.80
DISCCART	595374.00	4173003.00	100.29	100.29	1.80
DISCCART	595394.00	4173003.00	100.31	100.31	1.80
DISCCART	595414.00	4173003.00	100.26	100.26	1.80
DISCCART	595434.00	4173003.00	100.22	100.22	1.80
DISCCART	595454.00	4173003.00	100.15	100.15	1.80
DISCCART	595474.00	4173003.00	100.35	100.35	1.80
DISCCART	595494.00	4173003.00	100.40	100.40	1.80
DISCCART	595514.00	4173003.00	100.52	100.52	1.80
DISCCART	595534.00	4173003.00	100.50	100.50	1.80
DISCCART	595554.00	4173003.00	100.45	100.45	1.80
DISCCART	595574.00	4173003.00	100.80	100.80	1.80
DISCCART	595594.00	4173003.00	100.73	100.73	1.80
DISCCART	595294.00	4173023.00	100.68	100.68	1.80
DISCCART	595314.00	4173023.00	100.70	100.70	1.80
DISCCART	595334.00	4173023.00	100.49	100.49	1.80

DISCCART	595354.00	4173023.00	100.38	100.38	1.80
DISCCART	595374.00	4173023.00	100.33	100.33	1.80
DISCCART	595394.00	4173023.00	100.27	100.27	1.80
DISCCART	595414.00	4173023.00	100.22	100.22	1.80
DISCCART	595434.00	4173023.00	100.42	100.42	1.80
DISCCART	595454.00	4173023.00	100.45	100.45	1.80
DISCCART	595474.00	4173023.00	100.49	100.49	1.80
DISCCART	595494.00	4173023.00	100.41	100.41	1.80
DISCCART	595514.00	4173023.00	100.53	100.53	1.80
DISCCART	595534.00	4173023.00	100.53	100.53	1.80
DISCCART	595554.00	4173023.00	100.59	100.59	1.80
DISCCART	595574.00	4173023.00	100.77	100.77	1.80
DISCCART	595594.00	4173023.00	100.64	103.48	1.80
DISCCART	595294.00	4173043.00	100.56	100.56	1.80
DISCCART	595314.00	4173043.00	100.62	100.62	1.80
DISCCART	595334.00	4173043.00	100.43	100.43	1.80
DISCCART	595354.00	4173043.00	100.37	100.37	1.80
DISCCART	595374.00	4173043.00	100.31	100.31	1.80
DISCCART	595394.00	4173043.00	100.26	100.26	1.80
DISCCART	595414.00	4173043.00	100.40	100.40	1.80
DISCCART	595434.00	4173043.00	100.52	100.52	1.80
DISCCART	595454.00	4173043.00	100.60	100.60	1.80
DISCCART	595474.00	4173043.00	100.68	100.68	1.80
DISCCART	595494.00	4173043.00	100.53	100.53	1.80
DISCCART	595514.00	4173043.00	100.67	100.67	1.80
DISCCART	595534.00	4173043.00	100.82	100.82	1.80
DISCCART	595554.00	4173043.00	100.80	100.80	1.80
DISCCART	595574.00	4173043.00	100.76	100.76	1.80
DISCCART	595294.00	4173063.00	100.51	100.51	1.80
DISCCART	595314.00	4173063.00	100.50	100.50	1.80
DISCCART	595334.00	4173063.00	100.41	100.41	1.80
DISCCART	595354.00	4173063.00	100.35	100.35	1.80
DISCCART	595374.00	4173063.00	100.33	100.33	1.80
DISCCART	595394.00	4173063.00	100.53	100.53	1.80
DISCCART	595414.00	4173063.00	100.71	100.71	1.80
DISCCART	595434.00	4173063.00	100.79	100.79	1.80
DISCCART	595454.00	4173063.00	100.69	100.69	1.80
DISCCART	595474.00	4173063.00	100.66	100.66	1.80
DISCCART	595494.00	4173063.00	100.46	100.46	1.80
DISCCART	595514.00	4173063.00	100.62	100.62	1.80
DISCCART	595534.00	4173063.00	100.90	100.90	1.80
DISCCART	595554.00	4173063.00	100.86	100.86	1.80
DISCCART	595574.00	4173063.00	101.05	101.05	1.80
DISCCART	595354.00	4173083.00	100.42	100.42	1.80
DISCCART	595374.00	4173083.00	100.64	100.64	1.80
DISCCART	595394.00	4173083.00	100.88	100.88	1.80
DISCCART	595414.00	4173083.00	101.03	101.03	1.80
DISCCART	595434.00	4173083.00	101.05	101.05	1.80
DISCCART	595454.00	4173083.00	100.81	100.81	1.80
DISCCART	595474.00	4173083.00	100.59	100.59	1.80
DISCCART	595494.00	4173083.00	100.00	100.00	1.80
DISCCART	595514.00	4173083.00	100.10	101.15	1.80
DISCCART	595534.00	4173083.00	100.98	100.98	1.80
DISCCART	595554.00	4173083.00	100.83	100.83	1.80
DISCCART	595574.00	4173083.00	101.15	101.15	1.80
DISCCART	595334.00	4173103.00	100.68	100.68	1.80
DISCCART	595354.00	4173103.00	100.70	100.70	1.80
DISCCART	595374.00	4173103.00	100.97	100.97	1.80
DISCCART	595394.00	4173103.00	101.23	101.23	1.80
DISCCART	595414.00	4173103.00	101.35	101.35	1.80
DISCCART	595434.00	4173103.00	101.31	101.31	1.80
DISCCART	595454.00	4173103.00	100.90	100.90	1.80
DISCCART	595474.00	4173103.00	100.45	100.45	1.80
DISCCART	595494.00	4173103.00	99.96	99.96	1.80

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   DISCCART    595514.00   4173103.00  101.04  101.04    1.80
   DISCCART    595334.00   4173123.00  101.04  101.04    1.80
   DISCCART    595354.00   4173123.00  101.14  101.14    1.80
   DISCCART    595374.00   4173123.00  101.35  101.35    1.80
   DISCCART    595394.00   4173123.00  101.55  101.55    1.80
   DISCCART    595414.00   4173123.00  101.55  101.55    1.80
   DISCCART    595434.00   4173123.00  101.41  101.41    1.80
   DISCCART    595454.00   4173123.00  100.91  100.91    1.80
   DISCCART    595474.00   4173123.00  100.19  100.19    1.80
   DISCCART    595494.00   4173123.00   99.99   99.99    1.80
   DISCCART    595514.00   4173123.00  101.16  101.16    1.80
   DISCCART    595354.00   4173143.00  101.45  101.45    1.80
   DISCCART    595374.00   4173143.00  101.56  101.56    1.80
   DISCCART    595394.00   4173143.00  101.52  101.52    1.80
   DISCCART    595414.00   4173143.00  100.68  101.67    1.80
   DISCCART    595434.00   4173143.00  100.68  100.68    1.80
   DISCCART    595494.00   4173143.00  101.03  101.03    1.80
   DISCCART    595354.00   4173163.00  101.34  101.34    1.80
   DISCCART    595374.00   4173163.00  101.54  101.54    1.80
   DISCCART    595394.00   4173163.00  101.61  101.61    1.80
   DISCCART    595414.00   4173163.00  101.03  101.61    1.80
   DISCCART    595434.00   4173163.00  101.09  101.09    1.80
   DISCCART    595374.00   4173183.00  101.54  101.54    1.80
   DISCCART    595394.00   4173183.00  101.69  101.69    1.80
   DISCCART    595414.00   4173183.00  101.66  101.66    1.80
   DISCCART    595434.00   4173183.00  101.62  101.62    1.80
** DESCRREC "DAYCARE" "LOVE AND CARE CHRISTIAN PRESHOOL"
   DISCCART    595203.12   4172931.43  100.67  100.67    0.50
** DESCRREC "GYM-CSP" "CLUBSPORT PLEASANTON"
   DISCCART    595305.29   4173022.49  100.77  100.77    1.80
** DESCRREC "P-SCHOOL" "SAKURA GAKUEN SCHOOL"
   DISCCART    596059.85   4172738.92   99.91   99.91    1.80
** DESCRREC "VVPARK" "VAL VISTA PARK (HOCKEY, SKATE, AND WATER)"
   DISCCART    595782.40   4171913.24   98.53   98.53    1.80
   DISCCART    595790.49   4171877.76   99.65   99.65    1.80
   DISCCART    595826.59   4171700.37  100.23  100.23    1.80
   DISCCART    595857.85   4171568.40  100.14  100.14    1.80
** DESCRREC "LFLGHT" "LIFELIGHT GYM"
   DISCCART    595427.66   4172811.08  100.71  100.71    1.80
** DESCRREC "CRSFIT" "CROSSFIT PLEASANTON"
   DISCCART    595616.96   4172890.78  100.40  100.40    1.80
** DESCRREC "VBALL" "NORCAL VOLLEYBALL"
   DISCCART    595465.61   4172972.42  100.46  100.46    1.80
** DESCRREC "TPCBBALL" "TPC BASEBALL"
   DISCCART    595413.93   4172953.11  100.29  100.29    1.80
** DESCRREC "ONSITE" "ONISTE WORKERS IN EDZ"
   DISCCART    595207.62   4172857.58  100.54  100.54    1.80
   DISCCART    595229.35   4172793.73  100.13  100.13    1.80
   DISCCART    595251.41   4172717.21  100.32  100.32    1.80
   DISCCART    595276.16   4172654.64  100.20  100.20    1.80
** DESCRREC "RESVV" "RESIDENTS IN VAL VISTA NEIGHBORHOOOD/STONEDALE DR."
   DISCCART    595286.24   4171790.65  100.11  100.11    1.80
   DISCCART    595306.24   4171790.65  100.26  100.26    1.80
   DISCCART    595326.24   4171790.65  100.24  100.24    1.80
   DISCCART    595266.24   4171810.65  100.36  100.36    1.80
   DISCCART    595286.24   4171810.65  100.68  100.68    1.80
   DISCCART    595306.24   4171810.65   99.97   99.97    1.80
   DISCCART    595326.24   4171810.65  100.19  100.19    1.80
   DISCCART    595246.24   4171830.65  100.59  100.59    1.80
   DISCCART    595266.24   4171830.65  100.73  100.73    1.80
   DISCCART    595286.24   4171830.65  100.65  100.65    1.80
   DISCCART    595306.24   4171830.65  100.14  100.14    1.80
   DISCCART    595326.24   4171830.65  100.04  100.04    1.80
   DISCCART    595226.24   4171850.65  101.05  101.05    1.80
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   DISCCART    595246.24   4171850.65  100.34  100.34    1.80
   DISCCART    595266.24   4171850.65  100.23  100.23    1.80
   DISCCART    595286.24   4171850.65  100.17  100.17    1.80
   DISCCART    595306.24   4171850.65  100.04  100.04    1.80
   DISCCART    595326.24   4171850.65   99.91   99.91    1.80
   DISCCART    595206.24   4171870.65  100.71  100.71    1.80
   DISCCART    595226.24   4171870.65  100.49  100.49    1.80
   DISCCART    595246.24   4171870.65  100.36  100.36    1.80
   DISCCART    595266.24   4171870.65  100.43  100.43    1.80
   DISCCART    595286.24   4171870.65  100.24  100.24    1.80
   DISCCART    595306.24   4171870.65  100.03  100.03    1.80
   DISCCART    595186.24   4171890.65  100.62  100.62    1.80
   DISCCART    595206.24   4171890.65  100.56  100.56    1.80
   DISCCART    595226.24   4171890.65  100.56  100.56    1.80
   DISCCART    595246.24   4171890.65  100.42  100.42    1.80
   DISCCART    595266.24   4171890.65  100.37  100.37    1.80
   DISCCART    595286.24   4171890.65  100.16  100.16    1.80
   DISCCART    595306.24   4171890.65   99.95   99.95    1.80
   DISCCART    595186.24   4171910.65  100.75  100.75    1.80
   DISCCART    595206.24   4171910.65  100.77  100.77    1.80
   DISCCART    595226.24   4171910.65  100.62  100.62    1.80
   DISCCART    595246.24   4171910.65  100.36  100.36    1.80
   DISCCART    595266.24   4171910.65  100.13  100.13    1.80
   DISCCART    595286.24   4171910.65  100.18  100.18    1.80
   DISCCART    595306.24   4171910.65   99.82   99.82    1.80
   DISCCART    595166.24   4171930.65  100.92  100.92    1.80
   DISCCART    595186.24   4171930.65  100.86  100.86    1.80
   DISCCART    595206.24   4171930.65  100.62  100.62    1.80
   DISCCART    595226.24   4171930.65  100.67  100.67    1.80
   DISCCART    595246.24   4171930.65  100.18  100.18    1.80
   DISCCART    595266.24   4171930.65  100.13  100.13    1.80
   DISCCART    595286.24   4171930.65  100.02  100.02    1.80
   DISCCART    595166.24   4171950.65  100.84  100.84    1.80
   DISCCART    595186.24   4171950.65  100.89  100.89    1.80
   DISCCART    595206.24   4171950.65  100.76  100.76    1.80
   DISCCART    595226.24   4171950.65  100.90  100.90    1.80
   DISCCART    595246.24   4171950.65  100.36  100.36    1.80
   DISCCART    595266.24   4171950.65  100.14  100.14    1.80
   DISCCART    595286.24   4171950.65   99.77  107.32    1.80
   DISCCART    595146.24   4171970.65  101.29  101.29    1.80
   DISCCART    595166.24   4171970.65  101.33  101.33    1.80
   DISCCART    595186.24   4171970.65  101.08  101.08    1.80
   DISCCART    595206.24   4171970.65  100.90  100.90    1.80
   DISCCART    595226.24   4171970.65  100.83  100.83    1.80
   DISCCART    595246.24   4171970.65  100.10  106.99    1.80
   DISCCART    595266.24   4171970.65   99.89  107.46    1.80
   DISCCART    595146.24   4171990.65  101.35  101.35    1.80
   DISCCART    595166.24   4171990.65  101.30  101.30    1.80
   DISCCART    595186.24   4171990.65  101.06  101.06    1.80
   DISCCART    595206.24   4171990.65  100.90  100.90    1.80
** DESCRREC "RESSE" "RESIDENTS SOUTHEAST OF PROJECT"
   DISCCART    595852.66   4171825.33   99.74   99.74    1.80
   DISCCART    595852.66   4171845.33   99.78   99.78    1.80
   DISCCART    595852.66   4171865.33   99.69   99.69    1.80
   DISCCART    595872.66   4171865.33   99.79   99.79    1.80
   DISCCART    595892.66   4171865.33   99.86   99.86    1.80
   DISCCART    595832.66   4171885.33   99.37   99.37    1.80
   DISCCART    595852.66   4171885.33   99.45   99.45    1.80
   DISCCART    595872.66   4171885.33   99.52   99.52    1.80
   DISCCART    595892.66   4171885.33   99.54   99.54    1.80
   DISCCART    595832.66   4171905.33   99.29   99.29    1.80
   DISCCART    595852.66   4171905.33   99.02   99.02    1.80
   DISCCART    595872.66   4171905.33   98.96   98.96    1.80
   DISCCART    595892.66   4171905.33   99.22   99.22    1.80
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   DISCCART    595912.66   4171905.33   99.73   99.73    1.80
   DISCCART    595832.66   4171925.33   99.44   99.44    1.80
   DISCCART    595852.66   4171925.33   99.31   99.31    1.80
   DISCCART    595872.66   4171925.33   99.35   99.35    1.80
   DISCCART    595892.66   4171925.33   99.25   99.25    1.80
   DISCCART    595912.66   4171925.33   99.22   99.22    1.80
   DISCCART    595852.66   4171945.33   98.82   99.52    1.80
   DISCCART    595872.66   4171945.33   99.23   99.23    1.80
   DISCCART    595892.66   4171945.33   99.54   99.54    1.80
   DISCCART    595912.66   4171945.33   99.69   99.69    1.80
   DISCCART    595932.66   4171945.33   99.72   99.72    1.80
** DESCRREC "RESSAC" "RESIDENTS IN STONERIDE APARTMENT COMMUNITY"
   DISCCART    595102.43   4172101.44  101.15  101.15    1.80
   DISCCART    595122.43   4172101.44  101.08  101.08    1.80
   DISCCART    595142.43   4172101.44  100.79  100.79    1.80
   DISCCART    595102.43   4172121.44  101.30  101.30    1.80
   DISCCART    595122.43   4172121.44  101.38  101.38    1.80
   DISCCART    595142.43   4172121.44  101.01  101.01    1.80
   DISCCART    595082.43   4172141.44  101.31  101.31    1.80
   DISCCART    595102.43   4172141.44  101.46  101.46    1.80
   DISCCART    595122.43   4172141.44  101.38  101.38    1.80
   DISCCART    595142.43   4172141.44  101.11  101.11    1.80
   DISCCART    595082.43   4172161.44  101.25  101.25    1.80
   DISCCART    595102.43   4172161.44  101.06  101.06    1.80
   DISCCART    595122.43   4172161.44  101.27  101.27    1.80
   DISCCART    595142.43   4172161.44  101.12  101.12    1.80
   DISCCART    595082.43   4172181.44  101.25  101.25    1.80
   DISCCART    595102.43   4172181.44  101.21  101.21    1.80
   DISCCART    595122.43   4172181.44  101.20  101.20    1.80
   DISCCART    595142.43   4172181.44  101.14  101.14    1.80
   DISCCART    595062.43   4172201.44  101.41  101.41    1.80
   DISCCART    595082.43   4172201.44  101.39  101.39    1.80
   DISCCART    595102.43   4172201.44  101.22  101.22    1.80
   DISCCART    595122.43   4172201.44  101.25  101.25    1.80
   DISCCART    595142.43   4172201.44  101.17  101.17    1.80
   DISCCART    595162.43   4172201.44  101.10  101.10    1.80
   DISCCART    595062.43   4172221.44  101.58  101.58    1.80
   DISCCART    595082.43   4172221.44  101.52  101.52    1.80
   DISCCART    595102.43   4172221.44  101.27  101.27    1.80
   DISCCART    595122.43   4172221.44  101.40  101.40    1.80
   DISCCART    595142.43   4172221.44  101.38  101.38    1.80
   DISCCART    595162.43   4172221.44  101.37  101.37    1.80
   DISCCART    595062.43   4172241.44  101.58  101.58    1.80
   DISCCART    595082.43   4172241.44  101.45  101.45    1.80
   DISCCART    595102.43   4172241.44  101.45  101.45    1.80
   DISCCART    595122.43   4172241.44  101.47  101.47    1.80
   DISCCART    595142.43   4172241.44  101.20  101.20    1.80
   DISCCART    595162.43   4172241.44  100.91  100.91    1.80
   DISCCART    595062.43   4172261.44  101.37  101.37    1.80
   DISCCART    595082.43   4172261.44  101.09  101.09    1.80
   DISCCART    595102.43   4172261.44  101.67  101.67    1.80
   DISCCART    595122.43   4172261.44  101.62  101.62    1.80
   DISCCART    595142.43   4172261.44  101.14  101.14    1.80
   DISCCART    595042.43   4172281.44  101.57  101.57    1.80
   DISCCART    595062.43   4172281.44  101.39  101.39    1.80
   DISCCART    595082.43   4172281.44  101.16  101.16    1.80
   DISCCART    595102.43   4172281.44  101.95  101.95    1.80
   DISCCART    595122.43   4172281.44  101.19  101.19    1.80
   DISCCART    595142.43   4172281.44  101.14  101.14    1.80
   DISCCART    595162.43   4172281.44  101.26  101.26    1.80
   DISCCART    595042.43   4172301.44  101.66  101.66    1.80
   DISCCART    595062.43   4172301.44  101.40  101.40    1.80
   DISCCART    595082.43   4172301.44  101.54  101.54    1.80
   DISCCART    595102.43   4172301.44  101.89  101.89    1.80
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   DISCCART    595122.43   4172301.44  101.51  101.51    1.80
   DISCCART    595142.43   4172301.44  101.33  101.33    1.80
   DISCCART    595162.43   4172301.44  101.23  101.23    1.80
   DISCCART    595042.43   4172321.44  101.52  101.52    1.80
   DISCCART    595062.43   4172321.44  101.28  101.28    1.80
   DISCCART    595082.43   4172321.44  102.38  102.38    1.80
   DISCCART    595102.43   4172321.44  101.98  101.98    1.80
   DISCCART    595122.43   4172321.44  101.80  101.80    1.80
   DISCCART    595142.43   4172321.44  101.36  101.36    1.80
   DISCCART    595162.43   4172321.44  101.33  101.33    1.80
   DISCCART    595022.43   4172341.44  101.77  101.77    1.80
   DISCCART    595042.43   4172341.44  101.48  101.48    1.80
   DISCCART    595062.43   4172341.44  101.33  101.33    1.80
   DISCCART    595082.43   4172341.44  101.46  101.46    1.80
   DISCCART    595102.43   4172341.44  101.69  101.69    1.80
   DISCCART    595122.43   4172341.44  101.89  101.89    1.80
   DISCCART    595142.43   4172341.44  101.43  101.43    1.80
   DISCCART    595162.43   4172341.44  101.34  101.34    1.80
** DESCRREC "ONSITE" "ONISTE WORKERS IN EDZ"
   DISCCART    595509.20   4172311.10  100.59  100.59    1.80
   DISCCART    595453.66   4172369.33  100.43  100.43    1.80
** DESCRREC "KUNGFU" "KUNGU DRAGON USA"
   DISCCART    595568.33   4173021.18  100.77  100.77    1.80
** DESCRREC "FEDEX" "RECEPTORS GENERATED FROM UNIFORM CARTESIAN GRID"
   DISCCART    595515.00   4172097.00  100.63  100.63    1.80
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "CARTESIAN PLANT BOUNDARY PRIMARY RECEPTORS"
   DISCCART    595271.59   4172931.11  100.47  100.47    1.80
   DISCCART    595259.54   4172956.67  100.53  100.53    1.80
   DISCCART    595229.53   4172979.48  100.99  100.99    1.80
   DISCCART    595158.78   4172948.61  100.21  100.21    1.80
   DISCCART    595424.36   4172061.47   97.49  105.13    1.80
   DISCCART    595637.78   4172033.56  100.72  100.72    1.80
   DISCCART    595497.98   4172569.45  100.51  100.51    1.80
   DISCCART    595440.32   4172695.89  100.43  100.43    1.80
   DISCCART    595531.70   4172736.24  100.51  100.51    1.80
   DISCCART    595503.43   4172797.49   99.90   99.90    1.80
   DISCCART    595293.61   4172706.67  100.17  100.17    1.80
   DISCCART    595216.89   4172907.31  100.39  100.39    1.80
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "Livermore Met Data\724927.SFC"
   PROFFILE "Livermore Met Data\724927.PFL"
   SURFDATA 23285 2009
   UAIRDATA 23230 2009 OAKLAND/WSO_AP
   PROFBASE 119.8 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL FBO.AD\PE00GALL.PLT 31
   PLOTFILE PERIOD CSCO-GEN FBO.AD\PE00G001.PLT 32
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   PLOTFILE PERIOD HOTL-GEN FBO.AD\PE00G002.PLT 33
   PLOTFILE PERIOD CSCO-IDL FBO.AD\PE00G003.PLT 34
   PLOTFILE PERIOD GSTRKIDL FBO.AD\PE00G004.PLT 35
   PLOTFILE PERIOD CSCO-TRU FBO.AD\PE00G005.PLT 36
   PLOTFILE PERIOD LD-IDLE FBO.AD\PE00G006.PLT 37
   PLOTFILE PERIOD HOTL-EXH FBO.AD\PE00G007.PLT 38
   PLOTFILE PERIOD HOTL-IDL FBO.AD\PE00G008.PLT 39
   PLOTFILE PERIOD HOTL-TRU FBO.AD\PE00G009.PLT 40
   PLOTFILE PERIOD CSCO-LD FBO.AD\PE00G010.PLT 41
   PLOTFILE PERIOD GAS-LD FBO.AD\PE00G011.PLT 42
   PLOTFILE PERIOD HOTL-LD FBO.AD\PE00G012.PLT 43
   PLOTFILE PERIOD RTL1-LD FBO.AD\PE00G013.PLT 44
   PLOTFILE PERIOD CSCO-EXH FBO.AD\PE00G014.PLT 45
   PLOTFILE PERIOD GAS-EXH FBO.AD\PE00G015.PLT 46
   PLOTFILE PERIOD OTHR-TRU FBO.AD\PE00G016.PLT 47
   PLOTFILE PERIOD OTHR-IDL FBO.AD\PE00G017.PLT 48
   PLOTFILE PERIOD RTL2-LD FBO.AD\PE00G018.PLT 49
   PLOTFILE PERIOD OTHR-EXH FBO.AD\PE00G019.PLT 50
   SUMMFILE FBO.sum
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     10
** ZONEINX  0
**
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A.4 Health Risk Assessment and Annual PM2.5 Concentrations

Cancer Risk Exposure Scenarios

Scenario	Receptor Type	Age Group	Start Date	End Date	ED	Age Bin
Construction + Operation	Offsite Resident	3rd Trimester (Phase 1 construction)	4/6/2020	7/5/2020	0.25	3rd Trimester
Construction + Operation	Offsite Resident	Age 0<2 Years (Phase 1 construction)	7/6/2020	4/5/2021	0.75	Age 0<2 Years
Construction + Operation	Offsite Resident	Age 0<2 Years (Phase 1 operation)	4/6/2021	7/5/2022	1.25	Age 0<2 Years
Construction + Operation	Offsite Resident	Age 2<16 Years (Phase 1 operation)	7/6/2022	1/6/2031	8.5	Age 2<16 Years
Construction + Operation	Offsite Resident	Age 2<16 Years (Phase 2 construction)	1/7/2030	1/6/2031	1	Age 2<16 Years
Construction + Operation	Offsite Resident	Age 2<16 Years (Full operation)	1/7/2031	7/6/2036	5.5	Age 2<16 Years
Construction + Operation	Offsite Resident	Age 16<30 Years (Full operation)	7/7/2036	4/5/2050	13.75	Age 16<30 Years
Operation	Offsite Resident	3rd Trimester	1/7/2031	4/6/2031	0.25	3rd Trimester
Operation	Offsite Resident	Age 0<2 Years	4/7/2031	4/6/2033	2	Age 0<2 Years
Operation	Offsite Resident	Age 2<16 Years	4/7/2033	4/6/2047	14	Age 2<16 Years
Operation	Offsite Resident	Age 16<30 Years	4/7/2047	1/6/2061	13.75	Age 16<30 Years
Construction + Operation	Offsite CSP Users	Age 0<2 Years (Phase 1 construction)	4/6/2020	4/5/2021	1	Age 0<2 Years
Construction + Operation	Offsite CSP Users	Age 0<2 Years (Phase 1 operation)	4/6/2021	4/5/2022	1	Age 0<2 Years
Construction + Operation	Offsite CSP Users	Age 2<16 Years (Phase 1 operation)	4/6/2022	1/6/2031	8.75	Age 2<16 Years
Construction + Operation	Offsite CSP Users	Age 2<16 Years (Phase 2 construction)	1/7/2030	1/6/2031	1	Age 2<16 Years
Construction + Operation	Offsite CSP Users	Age 2<16 Years (Full operation)	1/7/2031	4/6/2036	5.25	Age 2<16 Years
Construction + Operation	Offsite CSP Users	Age 16<30 Years (Full operation)	4/7/2036	4/6/2050	14	Age 16<30 Years
Operation	Offsite CSP Users	Age 0<2 Years	1/7/2031	1/6/2033	2	Age 0<2 Years
Operation	Offsite CSP Users	Age 2<16 Years	1/7/2033	1/6/2047	14	Age 2<16 Years
Operation	Offsite CSP Users	Age 16<30 Years	1/7/2047	1/6/2061	14	Age 16<30 Years
Construction + Operation	Offsite Worker	Age 16<70 Years k (Phase 1 construction)	4/6/2020	4/5/2021	1	Age 16<70 Years
Construction + Operation	Offsite Worker	Age 16<70 Years k (Phase 1 operation)	4/6/2021	1/6/2031	9.75	Age 16<70 Years
Construction + Operation	Offsite Worker	Age 16<70 Years k (Phase 2 construction)	1/7/2030	1/6/2031	1	Age 16<70 Years
Construction + Operation	Offsite Worker	Age 16<70 Years k (Full operation)	1/7/2031	4/5/2045	14.25	Age 16<70 Years
Operation	Offsite Worker	Age 16<70 Years k (Full operation)	1/7/2031	1/6/2056	25	Age 16<70 Years
Construction + Operation	Onsite Daycare	Age 2<9 Years (Phase 1 construciton)	4/6/2020	4/5/2021	1	Age 2<9 Years
Construction + Operation	Onsite Daycare	Age 2<9 Years (Phase 1 operation)	4/6/2021	4/5/2025	4	Age 2<9 Years
Construction + Operation	Onsite Worker	Age 16<70 Years k (Phase 1 construction)	4/6/2020	4/5/2021	1	Age 16<70 Years
Construction + Operation	Onsite Worker	Age 16<70 Years k (Phase 1 operation)	4/6/2021	1/6/2031	9.75	Age 16<70 Years

Revised BAAQMD Speciated TOG Values

updated: 10/31/2018

Toxic Compounds	EMFAC Gasoline TOG Speciation (% TOG)	Unit Factor	(HARP) Inhalation Cancer Risk Factors (mg/kg-day) -1	Unit Cancer Risk Weighted Factor (mg/kg-day) -1 Calculated	Chronic Noncancer Reference Dose (ug/m3)	Unit Chronic Noncancer Risk Weighted Factor (ug/m3) Calculated
Toxic Speciation of TOG due to Tailpipe Emissions						
Acetaldehyde	0.28%	0.0028	0.01	2.80E-05	140	0.39
Acrolein	0.13%	0.0013	0		0.35	0.00046
Benzene	2.47%	0.0247	0.1	2.47E-03	3	0.07
1,3-Butadiene	0.55%	0.0055	0.6	3.30E-03	2	0.01
Ethyl Benzene	1.05%	0.0105	8.70E-03	9.14E-05	2000	21.00
Formaldehyde	1.58%	0.0158	2.10E-02	3.32E-04	9	0.14
Hexane	1.60%	0.016	0		7000	112.00
Methanol	0.12%	0.0012	0		4000	4.80
MEK	0.02%	0.0002	0		0	
Naphthalene	0.05%	0.0005	0.12	6.00E-05	9	0.0045
Propylene	3.06%	0.0306	0		3000	91.80
Styrene	0.12%	0.0012	0		900	1.08
Toluene	5.76%	0.0576	0		300	17.28
Xylenes	4.80%	0.048	0		700	33.60
		Toxicity Weighted Factor		**6.28E-03**		**282.18**
Toxic Speciation of TOG due to Evaporative Losses						
Benzene	0.36%	3.60E-03	0.1	3.60E-04	3	0.0108
Ethyl Benzene	0.12%	1.18E-03	8.70E-03	1.03E-05	2000	2.36
Hexane	1.54%	1.54E-02	0	0	7000	107.8
Toluene	1.70%	1.70E-02	0	0	300	5.1
Xylenes	0.58%	5.78E-03	0	0	700	4.046
		Toxicity Weighted Factor		**3.70E-04**		**119.32**

BAAQMD Recommended Methods for Screening and Modeling Local Risks and Hazards. May 2012. The inhalation cancer risk factors were updated to the most recent values in the CARB's HARP2 database.

Intake Factor Summary - For Construction Calculations

AgeBin	Intake Factor [m^3/kg-day per year]	Cancer Risk Factor (DPM) [m^3/ug per year per million]	Receptor Type
3rd Tri	0.0420	46.24	Resident
0<2	0.1269	139.61	Resident
2<16	0.0169	18.62	Resident
16<30	n/a	n/a	Resident
2<9	0.0789	86.79	Onsite daycare
16<70	0.0095	10.40	Worker
0<2	0.1280	140.78	Offsite CSP Users
2<16	0.0168	18.47	Offsite CSP Users

Intake Factor Summary - For Operational Calculations

Receptor Type	AgeBin	Intake Factor [m3/kg-day per year per million]	Cancer Risk Factor (DPM) [m^3/ug per year per million]	Cancer Risk Factor (TOG_Tailpile) [m^3/ug per year per million]	Cancer Risk Factor (TOG-Evaporative) [m^3/ug per year per million]
Resident	3rd Tri	0.0420	46.24	0.26	1.56E-02
Resident	0<2	0.1269	139.61	0.80	4.70E-02
Resident	2<16	0.0169	18.62	0.11	6.27E-03
Resident	16<30	0.0026	2.87	0.02	9.66E-04
Onsite daycare	2<9	0.0302	33.22	0.19	1.12E-02
Worker	16<70	0.0036	3.98	0.02	1.34E-03
Offsite CSP Users	0<2	0.1493	164.25	0.94	5.53E-02
Offsite CSP Users	2<16	0.0235	25.86	0.15	8.70E-03
Offsite CSP Users	16<30	0.0036	3.93	0.02	1.32E-03

Intake Factor Detail for Cancer Risk Calculations

Receptor Type	Exposure Scenario	Receptor Age Group	Exposure Parameters: Daily Breathing Rate (DBR) [a] [L/kg-day or L/kg-8hrs]	Exposure Duration (ED) [b] [years]	Fraction of Time at Home (FAH) [c] [unitless]	Exposure Frequency (EF) [d] [days/year]	Averaging Time (AT) [e] [days]	Model Adjustment Factor (MAF) [f] [unitless]	Age Sensitivity Factor (ASF) [g] [unitless]	Intake Factor (IF_{inh}) - NO ED [h] [m^3/kg-day per year]
Off-Site Child Resident	Scenario 1 (construction + operation)	3rd Trimester (Phase 1 construction)	361	0.25	0.85	350	25,550	1	10	0.0420
		Age 0<2 Years (Phase 1 construction)	1090	0.75	0.85				10	0.1269
		Age 0<2 Years (Phase 1 operation)	1090	1.25	0.85				10	0.1269
		Age 2<16 Years (Phase 1 operation)	572	*8.50*	0.72				3	0.0169
		Age 2<16 Years (Phase 2 construction)	572	*1.00*	0.72				3	0.0169
		Age 2<16 Years (Full operation)	572	*5.50*	0.72				3	0.0169
		Age 16<30 Years (Full operation)	261	*13.75*	0.73				1	0.0026
	Scenario 2 (Full operation)	3rd Trimester	361	0.25	0.85	350	25,550	1	10	0.0420
		Age 0<2 Years	1090	2	0.85				10	0.1269
		Age 2<16 Years	572	14	0.72				3	0.0169
		Age 16<30 Years	261	13.75	0.73				1	0.0026
Off-Site CSP Users	Scenario 1 (construction + operation)	Age 0<2 Years (Phase 1 construction)	1090	1	n/a	350	25,550	0.86	10	0.1280
		Age 0<2 Years (Phase 1 operation)	1090	1	n/a			1	10	0.1493
		Age 2<16 Years (Phase 1 operation)	572	8.75	n/a			1	3	0.0235
		Age 2<16 Years (Phase 2 construction)	572	*1.00*	n/a			0.71	3	0.0168
		Age 2<16 Years (Full operation)	572	*5.25*	n/a			1	3	0.0235
		Age 16<30 Years (Full operation)	261	*14.00*	n/a			1	1	0.0036
	Scenario 2 (Full operation)	Age 0<2 Years	1090	2	n/a	350	25,550	1	10	0.1493
		Age 2<16 Years	572	14	n/a			1	3	0.0235
		Age 16<30 Years	261	14	n/a			1	1	0.0036
Off-Site Worker	Scenario 1 (construction + operation)	Age 16<70 Years k (Phase 1 construction)	230	*1.00*	n/a	250	25,550	4.2	1	0.0095
		Age 16<70 Years k (Phase 1 operation)	230	*9.75*				1.6	1	0.0036
		Age 16<70 Years k (Phase 2 construction)	230	*1.00*				4.2	1	0.0095
		Age 16<70 Years k (Full operation)	230	*14.25*				1.6	1	0.0036
	Scenario 2 (Full operation)	Age 16<70 Years k (Full operation)	230	25.00	n/a	250	25,550	1.6	1	0.0036
Onsite Child Daycare	Scenario 1 (construction + operation)	Age 2<9 Years (Phase 1 construciton)	640	*1.00*	n/a	250	25,550	4.2	3	0.0789
		Age 2<9 Years (Phase 1 operation)	640	*4.00*	n/a	250	25,550	1.6	3	0.0302
Onsite Worker	Scenario 1 (construction + operation)	Age 16<70 Years k (Phase 1 construction)	230	*1.00*	n/a	250	25,550	4.2	1	0.0095
		Age 16<70 Years k (Phase 1 operation)	230	9.75				1.6	1	0.0036

NOTES:

a Daily breathing rates are from OEEHA (2015) based on BAAQMD guidance (2016) as follows: for child residents, 95th percentile 24-hour breathing rates (OEHHA Table 5.6) for 3rd trimester and age 0<2 years and 80th percentile 24-hour breathing rates (OEHHA Table 5.7) for age 2<9 years, age 2<16 years, and age 16<30 years; for onsite child daycare, 95th percentile 8-hour moderate intensity breathing rates (OEHHA Table 5.8) for age 2<9 years; for worker, 95th percentile 8-hour moderate intensity breathing rates (OEHHA Table 5.8) for age16<70 years.

b Cancer risk for residential receptors are calculated based on 30 year exposure, the exposure duration for "Construction + Operation" scenario represents 1 year of Phase 1 construction, 10 years of Phase 1 operation, 1 year of Phase 2 construction with concurrent Phase 1 operation, and another 18 years of full operation after buildout. The EDs are separated into construction and operational exposures to more clearly identify the values used for each receptor group and exposure period. The exposure duration for "Full Operation" scenario represent 30 years of exposure to post-buildout full operational emissions. Cancer risk for offsite worker receptors are based on 25 year exposure. Exisitng businesses are assumed to remain until start of Phase 2 construction, correspondingly, cancer risk calculations for onsite workers are based on 11 years exposure that include 1 year phase 1 construction plus 10 years phase 1 operation, and that for onsite daycare (child 2.5 to 6 years) is based on exposure to 1 year Phase 1 construction plus 4 years of Phase 1 operation.

c There is no offsite schools within the study area (1000 ft from project boundary), so fraction of time at home used values from OEHHA (2015) Table 8.4.

d Exposure frequency represents default residential exposure frequency from BAAQMD guidance (2016). Onsite daycare are assumed to have the same schedule as workers.

e Averaging time represents 70 years for lifetime cancer risk, per OEHHA (2015).

f The Model Adjustment Factor is applied to adjust the annual average concentration from AERMOD associated with construction/operational emissions, to actual the actual construction/operation emission schedule and receptor exposure for daycare and worker receptors. The MAF conservatively assumes that all construction/operational emissions occur while the children or worker are at school/work, so the overlap in emissions and exposure is 100%. The MAF is based on the Worker Adjustment Factor (WAF) described by OEHHA (2015) in Section 5.4.1.2 and Table 5.10. WAF for construction phase assumes 8 hours per day and 5 days per week emissions (WAF equation = [24 hours / 8 hours] * [7 days / 5 days] = 4.2). WAF for operational emissions conservatively uses the Costco gas station's schedule of 15 hours per day and 7 days per week (WAF equation = [24 hours / 15 hours] * [7 days / 7 days] = 1.6).

g Age sensitivity factors from OEHHA (2015) Table 8.3

h IF_{inh} is calculated as follows: DBR * FAH * EF * ED * MAF * ASF * DF * CF / AT, where CF = 0.001 m^3/L. "Intake Factor (IFinh) - NO ED" takes out the ED from the equation so that a risk scaling factor is derived for a per-year scenario.

SOURCES:

1. Office of Environmental Health Hazard Assessment. 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments* . February. Available: <http://oehha.ca.gov/air/hot_spots/hotspots2015.html>. Accessed: March 2017.
2. Bay Area Air Quality Management District, San Francisco Department of Public Health, and San Francisco Planning Department. 2012. The San Francisco Community Risk Reduction Plan: Technical Support Documentation. December. Available at
3. Bay Area Air Quality Management District. 2016. *Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines* . January. Available at http://www.baaqmd.gov/~/media/files/planning-and-research/rules-and-regs/workshops/2016/reg-2-5/hra-

ABBREVIATIONS:

kg = kilogram L = liter m^3 = cubic meters ug = microgram

A.4.1 Construction TACs' GLC Concentrations and Construction HRA

Construction Emissions Summary

Summary of Annual Average DPM Emissions (g/s)

	By Age Bins for Cancer Risk			
Soure Group	**3rd Tri**	**0<2**	**2<16**	**For CHI**
Phase 1A-Off Road	3.37E-02	2.19E-03	0.00E+00	3.37E-02
Phase 1B-Off Road	1.46E-02	1.16E-02	0.00E+00	1.23E-02
Phase 2- Off Road	0.00E+00	0.00E+00	2.39E-03	2.39E-03
Phase 1A-Haul	1.00E-04	5.47E-06	0.00E+00	9.76E-05
Phase 1B-Haul	2.51E-05	2.74E-05	0.00E+00	2.68E-05
Phase 2-Haul	0.00E+00	0.00E+00	1.35E-05	1.35E-05
Phase 1A-Idle	4.33E-05	2.36E-06	0.00E+00	4.21E-05
Phase 1B-Idle	1.08E-05	1.18E-05	0.00E+00	1.16E-05
Phase 2-Idle	0.00E+00	0.00E+00	3.04E-06	3.04E-06

Age Bin	**3rd Tri**	**0<2**	**2<16**
Start	4/6/2020	7/7/2020	1/7/2030
End	7/6/2020	4/5/2021	1/7/2031
Total Days	91	272	365

Details on Construction Schedule and Emission Rates Calculation

	Phase	Start Date	End Date	No. of Work Days	Daily Avg Emission Rate (g/s)			Days per Age Group				Weighted Annual Avg DPM Emission Calculations (g/s)								
					Offroad Equipment	On-Road Trucks	Truck Idling					Offroad Equipment			On-Road Trucks			Truck Idling		
								3rd Tri	0<2	2<16	16+	3rd Tri	0<2	2<16	3rd Tri	0<2	2<16	3rd Tri	0<2	2<16
Phase 1 A	Grading/Excavation	4/6/2020	5/10/2020	30	4.89E-02	7.07E-05	3.05E-05	30				1.47	-	-	2.12E-03	-	-	9.15E-04	-	-
	Drainage/Utilities/Sub-Grade	4/22/2020	4/29/2020	7	1.73E-02	0	0	7				0.12	-	-	-	-	-	-	-	-
	Foundations/Concrete Pour	4/29/2020	5/15/2020	15	1.96E-02	2.02E-04	8.72E-05	15				0.29	-	-	3.03E-03	-	-	1.31E-03	-	-
	Building Construction	5/16/2020	7/24/2020	60	2.57E-02	9.08E-05	3.92E-05	44	16			1.13	0.41	-	4.00E-03	1.45E-03	-	1.73E-03	6.28E-04	-
	Architectural Coatings	5/28/2020	7/24/2020	50	1.86E-03	0	0	34	16			0.06	0.03	-	-	-	-	-	-	-
	Paving	7/17/2020	7/24/2020	7	2.21E-02	5.05E-06	2.18E-06		7			-	0.15	-	-	3.53E-05	-	-	1.53E-05	-
											Weighted Average	**3.37E-02**	**2.19E-03**	**-**	**1.00E-04**	**5.47E-06**	**-**	**4.33E-05**	**2.36E-06**	**-**
Phase 1B	Grading/Excavation	4/6/2020	6/15/2020	51	1.89E-02	3.53E-05	1.53E-05	51				0.97	-	-	1.80E-03	-	-	7.78E-04	-	-
	Drainage/Utilities/Sub-Grade	6/16/2020	6/30/2020	11	2.76E-02	0	0	11				0.30	-	-	-	-	-	-	-	-
	Foundations/Concrete Pour	7/1/2020	7/30/2020	22	1.66E-02	1.21E-04	5.23E-05	4	18			0.07	0.30	-	4.85E-04	2.18E-03	-	2.09E-04	9.41E-04	-
	Building Construction	7/31/2020	2/23/2021	148	1.74E-02	3.53E-05	1.53E-05		148			-	2.57	-	-	5.23E-03	-	-	2.26E-03	-
	Architectural Coatings	2/24/2021	3/20/2021	18	1.86E-03	0	0		18			-	0.03	-	-	-	-	-	-	-
	Paving	3/21/2021	4/5/2021	11	2.21E-02	5.05E-06	2.18E-06		11			-	0.24	-	-	5.55E-05	-	-	2.40E-05	-
											Weighted Average	**1.46E-02**	**1.16E-02**	**-**	**2.51E-05**	**2.74E-05**	**-**	**1.08E-05**	**1.18E-05**	**-**
Phase 2	Demolition	1/7/2030	2/3/2030	20	2.60E-03	0	0			20		-	-	0.05	-	-	-	-	-	-
	Grading/Excavation	2/4/2030	3/2/2030	20	1.37E-02	5.13E-05	1.16E-05			20		-	-	0.27	-	-	1.03E-03	-	-	2.32E-04
	Drainage/Utilities/Sub-Grade	3/3/2030	4/6/2030	25	5.50E-03	0	0			25		-	-	0.14	-	-	-	-	-	-
	Foundations/Concrete Pour	4/6/2030	4/28/2030	15	2.29E-03	1.03E-04	2.32E-05			15		-	-	0.03	-	-	1.54E-03	-	-	3.47E-04
	Building Construction	4/30/2030	11/11/2030	140	2.00E-03	1.66E-05	3.74E-06			140		-	-	0.28	-	-	2.32E-03	-	-	5.23E-04
	Architectural Coatings	11/12/2030	12/9/2030	20	3.41E-04	0	0			20		-	-	0.01	-	-	-	-	-	-
	Paving	12/10/2030	1/7/2031	21	4.17E-03	1.66E-06	3.74E-07			21		-	-	0.09	-	-	3.48E-05	-	-	7.85E-06
											Weighted Average	**-**	**-**	**2.39E-03**	**-**	**-**	**1.35E-05**	**-**	**-**	**3.04E-06**

Construction Ground Level Concentrations

Annual Average Emission Rate (g/s):

	Offroad Equipment			Delivery Trucks			Truck Idling		
	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
3rd Tri	3.37E-02	1.46E-02	0.00E+00	1.02E-04	2.51E-05	0.00E+00	4.33E-05	1.08E-05	0.00E+00
0 < 2	2.19E-03	1.16E-02	0.00E+00	5.47E-06	2.74E-05	0.00E+00	2.36E-06	1.18E-05	0.00E+00
2 < 16	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.04E-06

AERMOD Concentration (ug/m³) @ 1 g/s

Receptor			Offroad Equipment			Delivery Trucks			Truck Idling		
X	Y	Rec Group ID	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
595574.00	4171743.00	Offsite Worker	0.04168	0.09682	0.08045	0.20975	0.17135	0.17135	0.06559	0.18165	0.10453
595594.00	4171743.00	Offsite Worker	0.04082	0.09403	0.07882	0.20823	0.17002	0.17002	0.06443	0.17709	0.10229
595614.00	4171743.00	Offsite Worker	0.04016	0.09185	0.07844	0.20754	0.16971	0.16971	0.06359	0.17346	0.10059
595634.00	4171743.00	Offsite Worker	0.03944	0.0885	0.07785	0.20505	0.16767	0.16767	0.06204	0.16826	0.09662
595654.00	4171743.00	Offsite Worker	0.03896	0.089	0.07977	0.20762	0.16998	0.16998	0.06256	0.16713	0.09792
595674.00	4171743.00	Offsite Worker	0.03858	0.0888	0.08197	0.20836	0.17078	0.17078	0.0625	0.16548	0.09743
595694.00	4171743.00	Offsite Worker	0.03844	0.08787	0.08519	0.20885	0.17126	0.17126	0.06221	0.16312	0.09635
595534.00	4171763.00	Offsite Worker	0.04555	0.11143	0.09364	0.24154	0.19707	0.19707	0.07095	0.20587	0.1169
595554.00	4171763.00	Offsite Worker	0.04431	0.10678	0.08962	0.23146	0.18835	0.18835	0.06857	0.19693	0.11219
595574.00	4171763.00	Offsite Worker	0.04373	0.10547	0.0891	0.23767	0.19422	0.19422	0.06899	0.1997	0.11391
595594.00	4171763.00	Offsite Worker	0.04288	0.10247	0.08777	0.23623	0.19307	0.19307	0.06787	0.19486	0.11159
595614.00	4171763.00	Offsite Worker	0.04224	0.09917	0.08779	0.23522	0.19215	0.19216	0.06668	0.1939	0.10883
595634.00	4171763.00	Offsite Worker	0.04161	0.09787	0.08878	0.23593	0.19307	0.19307	0.0665	0.18713	0.10812
595654.00	4171763.00	Offsite Worker	0.04106	0.09782	0.09064	0.2369	0.19411	0.19411	0.06632	0.18483	0.10741
595674.00	4171763.00	Offsite Worker	0.04074	0.09811	0.09389	0.23814	0.19534	0.19534	0.06642	0.18366	0.10722
595694.00	4171763.00	Offsite Worker	0.04027	0.09586	0.09533	0.23413	0.19203	0.19203	0.06535	0.1769	0.1039
595714.00	4171763.00	Offsite Worker	0.04028	0.09801	0.10032	0.23905	0.19387	0.19387	0.06601	0.17833	0.10501
595734.00	4171763.00	Offsite Worker	0.04101	0.10454	0.10993	0.24448	0.20117	0.20117	0.06839	0.18843	0.1107
595754.00	4171763.00	Offsite Worker	0.0415	0.10799	0.11597	0.24646	0.20316	0.20316	0.06892	0.19014	0.11165
595534.00	4171783.00	Offsite Worker	0.04764	0.12092	0.10314	0.26962	0.2197	0.2197	0.07383	0.22338	0.12577
595554.00	4171783.00	Offsite Worker	0.04665	0.11685	0.10012	0.26815	0.21697	0.21697	0.07236	0.2183	0.12315
595574.00	4171783.00	Offsite Worker	0.04579	0.11331	0.09827	0.26573	0.21675	0.21675	0.07126	0.21397	0.12106
595594.00	4171783.00	Offsite Worker	0.04482	0.10961	0.09657	0.26188	0.21375	0.21375	0.0699	0.20729	0.11786
595614.00	4171783.00	Offsite Worker	0.04404	0.10688	0.09652	0.26164	0.21373	0.21373	0.06911	0.2025	0.11575
595634.00	4171783.00	Offsite Worker	0.04389	0.10719	0.10124	0.27135	0.22212	0.22212	0.0702	0.20648	0.11834
595654.00	4171783.00	Offsite Worker	0.0434	0.10829	0.10442	0.27331	0.22421	0.22421	0.07055	0.20596	0.11967
595674.00	4171783.00	Offsite Worker	0.04316	0.1093	0.10907	0.27517	0.22597	0.22597	0.07086	0.20554	0.11891
595694.00	4171783.00	Offsite Worker	0.04257	0.10647	0.11016	0.26798	0.22001	0.22001	0.06952	0.19663	0.11452
595714.00	4171783.00	Offsite Worker	0.04338	0.11273	0.12176	0.27928	0.22971	0.22971	0.07186	0.20737	0.12039
595734.00	4171783.00	Offsite Worker	0.04381	0.11783	0.12942	0.2823	0.23254	0.23254	0.07302	0.21185	0.12299
595754.00	4171783.00	Offsite Worker	0.04426	0.12244	0.13553	0.28347	0.23408	0.23408	0.07383	0.21432	0.12453
595774.00	4171783.00	Offsite Worker	0.04517	0.12974	0.14379	0.28732	0.2376	0.2376	0.07537	0.22119	0.12824
595534.00	4171803.00	Offsite Worker	0.05013	0.13258	0.11565	0.31097	0.25347	0.25347	0.07769	0.24746	0.13799
595554.00	4171803.00	Offsite Worker	0.04906	0.12797	0.11227	0.30647	0.24991	0.24991	0.07612	0.24133	0.13491
595574.00	4171803.00	Offsite Worker	0.04849	0.12582	0.11029	0.3162	0.2591	0.2591	0.07593	0.23993	0.13397
595594.00	4171803.00	Offsite Worker	0.04764	0.12364	0.11278	0.3154	0.2585	0.2585	0.07596	0.24049	0.13534
595614.00	4171803.00	Offsite Worker	0.04694	0.12125	0.11421	0.31584	0.25899	0.25899	0.07536	0.23601	0.13347
595634.00	4171803.00	Offsite Worker	0.0464	0.11871	0.11722	0.31661	0.25946	0.25946	0.07471	0.23089	0.13124
595654.00	4171803.00	Offsite Worker	0.0457	0.11677	0.12078	0.3127	0.25681	0.25681	0.07389	0.22713	0.12744
595674.00	4171803.00	Offsite Worker	0.04537	0.1175	0.12366	0.31238	0.25641	0.25641	0.07391	0.22119	0.12716
595694.00	4171803.00	Offsite Worker	0.04533	0.12004	0.13037	0.31343	0.25768	0.25768	0.0746	0.22248	0.12827
595714.00	4171803.00	Offsite Worker	0.04633	0.13178	0.1452	0.32741	0.26981	0.26981	0.07798	0.23913	0.13744
595734.00	4171803.00	Offsite Worker	0.04698	0.13411	0.15375	0.32918	0.27163	0.27163	0.07846	0.24057	0.13819
595754.00	4171803.00	Offsite Worker	0.04735	0.13087	0.15984	0.32781	0.271	0.271	0.07833	0.24132	0.13869
595514.00	4171823.00	Offsite Worker	0.05442	0.15313	0.13835	0.38316	0.31372	0.31372	0.08499	0.2895	0.15934
595534.00	4171823.00	Offsite Worker	0.05287	0.14623	0.13124	0.36549	0.29831	0.29831	0.08204	0.27637	0.15262
595554.00	4171823.00	Offsite Worker	0.05184	0.14143	0.12818	0.36352	0.29698	0.29698	0.08071	0.27085	0.14998
595574.00	4171823.00	Offsite Worker	0.05108	0.13885	0.12678	0.37204	0.30503	0.30503	0.08144	0.27242	0.15055
595594.00	4171823.00	Offsite Worker	0.05025	0.13671	0.12962	0.37159	0.30481	0.30481	0.0801	0.269	0.15018
595614.00	4171823.00	Offsite Worker	0.04965	0.13502	0.13301	0.37339	0.30651	0.30651	0.08026	0.26524	0.14876
595634.00	4171823.00	Offsite Worker	0.04916	0.1346	0.13791	0.37549	0.30836	0.30836	0.08026	0.26257	0.14798
595654.00	4171823.00	Offsite Worker	0.0469	0.13595	0.14492	0.3781	0.31086	0.31086	0.08071	0.26217	0.14835
595674.00	4171823.00	Offsite Worker	0.04893	0.13577	0.15349	0.38008	0.31252	0.31252	0.08079	0.26053	0.14777
595694.00	4171823.00	Offsite Worker	0.04849	0.1369	0.15699	0.37191	0.30625	0.30625	0.08044	0.25474	0.1453
595714.00	4171823.00	Offsite Worker	0.04973	0.15184	0.17514	0.38721	0.3194	0.3194	0.08425	0.27513	0.15635
595734.00	4171823.00	Offsite Worker	0.05059	0.15513	0.18539	0.38869	0.3212	0.3212	0.08487	0.27759	0.15755
595754.00	4171823.00	Offsite Worker	0.05102	0.15145	0.1849	0.38986	0.32201	0.32201	0.08462	0.27809	0.15732
595514.00	4171843.00	Offsite Worker	0.05738	0.16944	0.15826	0.45361	0.37172	0.37172	0.08944	0.32286	0.17606
595534.00	4171843.00	Offsite Worker	0.05588	0.16219	0.15091	0.43791	0.35802	0.35802	0.08684	0.31086	0.17003
595554.00	4171843.00	Offsite Worker	0.0547	0.15645	0.14722	0.43264	0.3537	0.3537	0.08526	0.30296	0.16632
595574.00	4171843.00	Offsite Worker	0.05376	0.15376	0.14578	0.43421	0.35504	0.35504	0.08479	0.30158	0.16533
595594.00	4171843.00	Offsite Worker	0.05325	0.15257	0.15233	0.44688	0.36696	0.36696	0.08595	0.30431	0.16843
595614.00	4171843.00	Offsite Worker	0.05271	0.15137	0.15797	0.44949	0.36937	0.36937	0.08583	0.301	0.16736
595634.00	4171843.00	Offsite Worker	0.0523	0.15185	0.16535	0.45182	0.37155	0.37155	0.08611	0.29919	0.1671
595654.00	4171843.00	Offsite Worker	0.05217	0.15457	0.1752	0.45493	0.37441	0.37441	0.08686	0.30024	0.16826
595674.00	4171843.00	Offsite Worker	0.05182	0.15214	0.18058	0.44713	0.36801	0.36801	0.08544	0.29503	0.16532
595694.00	4171843.00	Offsite Worker	0.05237	0.15928	0.19464	0.4525	0.37355	0.37355	0.08761	0.29843	0.16807
595714.00	4171843.00	Offsite Worker	0.05364	0.17336	0.21396	0.46348	0.38267	0.38267	0.09117	0.31866	0.179
595734.00	4171843.00	Offsite Worker	0.05463	0.18099	0.22532	0.46348	0.3836	0.3836	0.09203	0.32266	0.18096
595754.00	4171843.00	Offsite Worker	0.056	0.1934	0.23789	0.4684	0.3862	0.3862	0.09267	0.33402	0.18689
595514.00	4171863.00	Offsite Worker	0.06062	0.18859	0.18387	0.54697	0.44869	0.44869	0.09436	0.36302	0.19615
595534.00	4171863.00	Offsite Worker	0.05918	0.18105	0.17842	0.53669	0.43965	0.43965	0.09218	0.3525	0.19104
595554.00	4171863.00	Offsite Worker	0.05794	0.17463	0.17271	0.53113	0.43495	0.43495	0.09063	0.34343	0.18691
595574.00	4171863.00	Offsite Worker	0.05684	0.16919	0.17214	0.52621	0.43103	0.43103	0.08948	0.3346	0.18305
595594.00	4171863.00	Offsite Worker	0.05593	0.16526	0.17494	0.52357	0.42922	0.42922	0.08887	0.3274	0.18011
595614.00	4171863.00	Offsite Worker	0.05526	0.16324	0.18102	0.52318	0.42941	0.42941	0.08882	0.32255	0.17841
595634.00	4171863.00	Offsite Worker	0.05542	0.16626	0.19602	0.54208	0.44641	0.44641	0.09055	0.32946	0.18265
595654.00	4171863.00	Offsite Worker	0.05588	0.17781	0.21599	0.5573	0.45915	0.45915	0.09391	0.34792	0.19304
595674.00	4171863.00	Offsite Worker	0.05637	0.17431	0.22054	0.55355	0.44488	0.44488	0.09249	0.33358	0.18604
595694.00	4171863.00	Offsite Worker	0.05701	0.18936	0.24788	0.56058	0.46283	0.46283	0.09638	0.35883	0.19915
595714.00	4171863.00	Offsite Worker	0.0581	0.20073	0.26387	0.56092	0.46401	0.46401	0.09826	0.36875	0.20455
595734.00	4171863.00	Offsite Worker	0.05925	0.21345	0.27667	0.55878	0.46322	0.46322	0.10015	0.37891	0.20997
595754.00	4171863.00	Offsite Worker	0.06111	0.22969	0.29112	0.56114	0.46573	0.46573	0.10275	0.39429	0.21784
595774.00	4171863.00	Offsite Worker	0.06329	0.24685	0.3029	0.56279	0.46764	0.46764	0.1054	0.40919	0.22538
595794.00	4171863.00	Offsite Worker	0.06573	0.26494	0.3122	0.56375	0.46869	0.46869	0.10823	0.42396	0.23277
595814.00	4171863.00	Offsite Worker	0.0683	0.28097	0.31735	0.56084	0.46683	0.46683	0.11059	0.43424	0.23795
595514.00	4171883.00	Offsite Worker	0.06444	0.2127	0.22029	0.68875	0.56826	0.56826	0.10065	0.41776	0.22358
595534.00	4171883.00	Offsite Worker	0.063	0.20441	0.21227	0.6844	0.56214	0.56214	0.09867	0.40712	0.21861
595554.00	4171883.00	Offsite Worker	0.0618	0.1967	0.20773	0.67339	0.55279	0.55279	0.09685	0.39428	0.21276
595574.00	4171883.00	Offsite Worker	0.06037	0.19037	0.20756	0.66166	0.54308	0.54308	0.09556	0.38235	0.20751
595594.00	4171883.00	Offsite Worker	0.05953	0.18675	0.21345	0.65853	0.5409	0.5409	0.0953	0.37561	0.20495
595614.00	4171883.00	Offsite Worker	0.05894	0.18555	0.22321	0.65605	0.53953	0.53953	0.09558	0.37164	0.20379
595634.00	4171883.00	Offsite Worker	0.05875	0.18776	0.23763	0.65849	0.54236	0.54236	0.09667	0.3731	0.20585
595654.00	4171883.00	Offsite Worker	0.05946	0.19639	0.2616	0.67816	0.56	0.56	0.09928	0.38742	0.21329
595674.00	4171883.00	Offsite Worker	0.05969	0.20383	0.2777	0.6701	0.55369	0.55369	0.1006	0.39242	0.21646
595694.00	4171883.00	Offsite Worker	0.06182	0.22328	0.3119	0.69433	0.57426	0.57426	0.10494	0.42335	0.23236
595714.00	4171883.00	Offsite Worker	0.06325	0.2405	0.33149	0.69318	0.57373	0.57373	0.1078	0.44194	0.24205
595734.00	4171883.00	Offsite Worker	0.06499	0.25676	0.34632	0.68827	0.57108	0.57108	0.10996	0.4543	0.24848
595754.00	4171883.00	Offsite Worker	0.06695	0.2753	0.35822	0.68342	0.56789	0.56789	0.11249	0.46915	0.25604
595774.00	4171883.00	Offsite Worker	0.06956	0.29586	0.36833	0.68084	0.56629	0.56629	0.11544	0.48569	0.2643
595794.00	4171883.00	Offsite Worker	0.07201	0.31401	0.37249	0.67242	0.55974	0.55974	0.11786	0.49688	0.2699
595814.00	4171883.00	Offsite Worker	0.0754	0.33545	0.37646	0.6682	0.55509	0.55509	0.12127	0.51149	0.27704
595514.00	4171903.00	Offsite Worker	0.06843	0.24057	0.26816	0.87381	0.72019	0.72019	0.10693	0.4798	0.25469
595534.00	4171903.00	Offsite Worker	0.06681	0.23051	0.25743	0.87035	0.71658	0.71658	0.10472	0.46525	0.24796
595554.00	4171903.00	Offsite Worker	0.06553	0.22278	0.25513	0.87199	0.71759	0.71759	0.10351	0.45453	0.24341
595574.00	4171903.00	Offsite Worker	0.06462	0.21775	0.26118	0.87662	0.72171	0.72171	0.10327	0.44802	0.24108
595594.00	4171903.00	Offsite Worker	0.06383	0.21466	0.27129	0.8688	0.71569	0.71569	0.10329	0.44131	0.23866
595614.00	4171903.00	Offsite Worker	0.06342	0.21512	0.28696	0.86183	0.71072	0.71072	0.10406	0.43964	0.23874
595634.00	4171903.00	Offsite Worker	0.06315	0.21822	0.30392	0.84736	0.69947	0.69947	0.10498	0.43925	0.23941
595654.00	4171903.00	Offsite Worker	0.06386	0.22883	0.33156	0.85575	0.70749	0.70749	0.10758	0.4542	0.24772
595674.00	4171903.00	Offsite Worker	0.06482	0.24277	0.35843	0.8554	0.70807	0.70807	0.11021	0.47086	0.25677
595694.00	4171903.00	Offsite Worker	0.0665	0.26241	0.38769	0.85888	0.71184	0.71184	0.11359	0.49515	0.26944

3rd Tri GLC Concentration (ug/m³)

Offroad Equipment			Delivery Trucks			Truck Idling		
Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
1.40E-03	1.42E-03	0.00E+00	2.10E-05	4.29E-06	0.00E+00	2.84E-06	1.97E-06	0.00E+00
1.37E-03	1.38E-03	0.00E+00	2.09E-05	4.26E-06	0.00E+00	2.79E-06	1.92E-06	0.00E+00
1.35E-03	1.35E-03	0.00E+00	2.08E-05	4.25E-06	0.00E+00	2.75E-06	1.88E-06	0.00E+00
1.33E-03	1.30E-03	0.00E+00	2.08E-05	4.26E-06	0.00E+00	2.68E-06	1.80E-06	0.00E+00
1.31E-03	1.30E-03	0.00E+00	2.08E-05	4.26E-06	0.00E+00	2.71E-06	1.81E-06	0.00E+00
1.30E-03	1.30E-03	0.00E+00	2.09E-05	4.28E-06	0.00E+00	2.70E-06	1.79E-06	0.00E+00
1.29E-03	1.29E-03	0.00E+00	2.09E-05	4.29E-06	0.00E+00	2.69E-06	1.76E-06	0.00E+00
1.28E-03	1.28E-03	0.00E+00	2.42E-05	4.94E-06	0.00E+00	3.07E-06	2.23E-06	0.00E+00
1.49E-03	1.56E-03	0.00E+00	2.32E-05	4.72E-06	0.00E+00	2.97E-06	2.13E-06	0.00E+00
1.47E-03	1.55E-03	0.00E+00	2.38E-05	4.87E-06	0.00E+00	2.99E-06	2.16E-06	0.00E+00
1.44E-03	1.50E-03	0.00E+00	2.37E-05	4.84E-06	0.00E+00	2.94E-06	2.11E-06	0.00E+00
1.42E-03	1.45E-03	0.00E+00	2.36E-05	4.81E-06	0.00E+00	2.89E-06	2.05E-06	0.00E+00
1.40E-03	1.43E-03	0.00E+00	2.36E-05	4.84E-06	0.00E+00	2.88E-06	2.02E-06	0.00E+00
1.38E-03	1.43E-03	0.00E+00	2.37E-05	4.86E-06	0.00E+00	2.87E-06	2.00E-06	0.00E+00
1.37E-03	1.44E-03	0.00E+00	2.39E-05	4.89E-06	0.00E+00	2.87E-06	1.99E-06	0.00E+00
1.36E-03	1.40E-03	0.00E+00	2.35E-05	4.81E-06	0.00E+00	2.83E-06	1.91E-06	0.00E+00
1.36E-03	1.44E-03	0.00E+00	2.37E-05	4.86E-06	0.00E+00	2.86E-06	1.93E-06	0.00E+00
1.38E-03	1.53E-03	0.00E+00	2.45E-05	5.04E-06	0.00E+00	2.96E-06	2.04E-06	0.00E+00
1.40E-03	1.58E-03	0.00E+00	2.47E-05	5.09E-06	0.00E+00	2.98E-06	2.06E-06	0.00E+00
1.60E-03	1.77E-03	0.00E+00	2.70E-05	5.56E-06	0.00E+00	3.19E-06	2.42E-06	0.00E+00
1.57E-03	1.71E-03	0.00E+00	2.67E-05	5.44E-06	0.00E+00	3.13E-06	2.36E-06	0.00E+00
1.54E-03	1.66E-03	0.00E+00	2.66E-05	5.43E-06	0.00E+00	3.08E-06	2.31E-06	0.00E+00
1.51E-03	1.61E-03	0.00E+00	2.62E-05	5.36E-06	0.00E+00	3.02E-06	2.24E-06	0.00E+00
1.48E-03	1.57E-03	0.00E+00	2.62E-05	5.36E-06	0.00E+00	2.99E-06	2.19E-06	0.00E+00
1.46E-03	1.57E-03	0.00E+00	2.72E-05	5.57E-06	0.00E+00	3.04E-06	2.23E-06	0.00E+00
1.46E-03	1.58E-03	0.00E+00	2.74E-05	5.62E-06	0.00E+00	3.05E-06	2.23E-06	0.00E+00
1.45E-03	1.60E-03	0.00E+00	2.78E-05	5.66E-06	0.00E+00	3.07E-06	2.22E-06	0.00E+00
1.43E-03	1.56E-03	0.00E+00	2.69E-05	5.51E-06	0.00E+00	3.01E-06	2.13E-06	0.00E+00
1.46E-03	1.65E-03	0.00E+00	2.80E-05	5.76E-06	0.00E+00	3.11E-06	2.24E-06	0.00E+00
1.48E-03	1.72E-03	0.00E+00	2.83E-05	5.83E-06	0.00E+00	3.16E-06	2.29E-06	0.00E+00
1.53E-03	1.76E-03	0.00E+00	3.14E-05	6.46E-06	0.00E+00	3.23E-06	2.41E-06	0.00E+00
1.56E-03	1.93E-03	0.00E+00	3.28E-05	6.76E-06	0.00E+00	3.37E-06	2.59E-06	0.00E+00
1.56E-03	1.96E-03	0.00E+00	3.30E-05	6.81E-06	0.00E+00	3.40E-06	2.60E-06	0.00E+00
1.56E-03	2.05E-03	0.00E+00	3.29E-05	6.79E-06	0.00E+00	3.40E-06	2.60E-06	0.00E+00
1.63E-03	2.24E-03	0.00E+00	3.84E-05	7.86E-06	0.00E+00	3.68E-06	3.13E-06	0.00E+00
1.78E-03	2.14E-03	0.00E+00	3.66E-05	7.47E-06	0.00E+00	3.55E-06	2.99E-06	0.00E+00
1.75E-03	2.07E-03	0.00E+00	3.64E-05	7.44E-06	0.00E+00	3.49E-06	2.93E-06	0.00E+00
1.72E-03	2.05E-03	0.00E+00	3.73E-05	7.64E-06	0.00E+00	3.53E-06	2.97E-06	0.00E+00
1.69E-03	2.00E-03	0.00E+00	3.72E-05	7.64E-06	0.00E+00	3.49E-06	2.91E-06	0.00E+00
1.67E-03	1.98E-03	0.00E+00	3.74E-05	7.68E-06	0.00E+00	3.47E-06	2.87E-06	0.00E+00
1.66E-03	1.97E-03	0.00E+00	3.76E-05	7.73E-06	0.00E+00	3.47E-06	2.84E-06	0.00E+00
1.65E-03	1.99E-03	0.00E+00	3.79E-05	7.79E-06	0.00E+00	3.49E-06	2.84E-06	0.00E+00
1.64E-03	1.99E-03	0.00E+00	3.81E-05	7.83E-06	0.00E+00	3.50E-06	2.85E-06	0.00E+00
1.63E-03	2.01E-03	0.00E+00	3.73E-05	7.67E-06	0.00E+00	3.48E-06	2.76E-06	0.00E+00
1.68E-03	2.22E-03	0.00E+00	3.88E-05	8.00E-06	0.00E+00	3.65E-06	2.98E-06	0.00E+00
1.68E-03	2.27E-03	0.00E+00	3.90E-05	8.05E-06	0.00E+00	3.67E-06	3.00E-06	0.00E+00
1.70E-03	2.27E-03	0.00E+00	3.91E-05	8.05E-06	0.00E+00	3.67E-06	3.00E-06	0.00E+00
1.73E-03	2.44E-03	0.00E+00	4.34E-05	8.97E-06	0.00E+00	3.87E-06	3.49E-06	0.00E+00
1.76E-03	2.42E-03	0.00E+00	4.43E-05	9.16E-06	0.00E+00	3.87E-06	3.49E-06	0.00E+00
1.76E-03	2.38E-03	0.00E+00	4.39E-05	8.97E-06	0.00E+00	3.76E-06	3.36E-06	0.00E+00
1.76E-03	2.29E-03	0.00E+00	4.34E-05	8.86E-06	0.00E+00	3.69E-06	3.28E-06	0.00E+00
1.83E-03	2.28E-03	0.00E+00	4.50E-05	9.24E-06	0.00E+00	3.75E-06	3.37E-06	0.00E+00
1.81E-03	2.24E-03	0.00E+00	4.48E-05	9.19E-06	0.00E+00	3.72E-06	3.29E-06	0.00E+00
1.78E-03	2.22E-03	0.00E+00	4.50E-05	9.25E-06	0.00E+00	3.71E-06	3.26E-06	0.00E+00
1.76E-03	2.22E-03	0.00E+00	4.53E-05	9.31E-06	0.00E+00	3.73E-06	3.24E-06	0.00E+00
1.76E-03	2.26E-03	0.00E+00	4.59E-05	9.38E-06	0.00E+00	3.76E-06	3.25E-06	0.00E+00
1.76E-03	2.23E-03	0.00E+00	4.48E-05	9.23E-06	0.00E+00	3.72E-06	3.14E-06	0.00E+00
1.76E-03	2.40E-03	0.00E+00	3.91E-05	8.05E-06	0.00E+00	3.74E-06	3.58E-06	0.00E+00
1.93E-03	2.48E-03	0.00E+00	4.55E-05	9.31E-06	0.00E+00	3.87E-06	3.49E-06	0.00E+00
1.88E-03	2.38E-03	0.00E+00	4.39E-05	8.97E-06	0.00E+00	3.76E-06	3.36E-06	0.00E+00
1.84E-03	2.29E-03	0.00E+00	4.34E-05	8.86E-06	0.00E+00	3.69E-06	3.28E-06	0.00E+00
1.83E-03	2.28E-03	0.00E+00	4.50E-05	9.24E-06	0.00E+00	3.75E-06	3.37E-06	0.00E+00
1.81E-03	2.24E-03	0.00E+00	4.48E-05	9.19E-06	0.00E+00	3.72E-06	3.29E-06	0.00E+00
1.78E-03	2.22E-03	0.00E+00	4.50E-05	9.25E-06	0.00E+00	3.71E-06	3.26E-06	0.00E+00
1.76E-03	2.22E-03	0.00E+00	4.53E-05	9.31E-06	0.00E+00	3.73E-06	3.24E-06	0.00E+00
1.76

Construction Ground Level Concentrations

Annual Average Emission Rate (g/s):

	Offroad Equipment			Delivery Trucks			Truck Idling		
	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
3rd Tri	3.37E-02	1.46E-02	0.00E+00	1.02E-04	2.51E-05	0.00E+00	4.33E-05	1.08E-05	0.00E+00
0 < 2	2.19E-03	1.16E-02	0.00E+00	5.47E-06	2.74E-05	0.00E+00	2.36E-06	1.18E-05	0.00E+00
2 < 16	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.04E-06

AERMOD Concentration (ug/m³) @ 1 g/s

Receptor			Offroad Equipment			Delivery Trucks			Truck Idling		
X	Y	Rec Group ID	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
595714.00	4171903.00	Offsite Worker	0.06919	0.30126	0.42036	0.8706	3.7207	7.2207	0.11954	0.53817	0.29178
595734.00	4171903.00	Offsite Worker	0.07141	0.31106	0.43398	0.85814	3.71282	7.17282	0.12086	0.5472	0.29574
595754.00	4171903.00	Offsite Worker	0.07408	0.33795	0.44585	0.85024	3.70617	7.10617	0.12468	0.57042	0.30743
595774.00	4171903.00	Offsite Worker	0.077	0.36314	0.45024	0.8361	3.69512	6.99512	0.12813	0.58642	0.31555
595794.00	4171903.00	Offsite Worker	0.08018	0.38487	0.44965	0.81747	3.68029	6.88029	0.13105	0.59733	0.32074
595814.00	4171903.00	Offsite Worker	0.08358	0.40266	0.44477	0.79442	3.6617	6.6617	0.13345	0.6037	0.32349
595534.00	4171923.00	Offsite Worker	0.07136	0.26418	0.32742	1.16577	3.96277	6.96277	0.11249	0.54599	0.28885
595554.00	4171923.00	Offsite Worker	0.07001	0.25532	0.32556	1.176	3.97023	6.97023	0.11134	0.53255	0.28314
595574.00	4171923.00	Offsite Worker	0.06903	0.24981	0.33436	1.17831	3.97322	6.97322	0.11116	0.52368	0.27978
595594.00	4171923.00	Offsite Worker	0.06845	0.24831	0.35201	1.1733	3.96961	6.96961	0.11187	0.52032	0.27915
595614.00	4171923.00	Offsite Worker	0.06833	0.25177	0.37698	1.16353	3.96224	6.96224	0.11343	0.5242	0.2821
595634.00	4171923.00	Offsite Worker	0.06867	0.26012	0.4058	1.14772	3.94938	6.94938	0.1155	0.5337	0.2878
595654.00	4171923.00	Offsite Worker	0.0693	0.27343	0.43653	1.13051	3.93626	6.93626	0.11796	0.54855	0.29611
595674.00	4171923.00	Offsite Worker	0.07074	0.29371	0.47126	1.12288	3.93077	6.93077	0.12129	0.57364	0.3094
595694.00	4171923.00	Offsite Worker	0.07252	0.3173	0.50021	1.10808	3.91757	6.91757	0.12459	0.59914	0.32266
595714.00	4171923.00	Offsite Worker	0.08204	0.42094	0.55107	1.06869	3.88601	6.88601	0.13859	0.69218	0.36918
595734.00	4171923.00	Offsite Worker	0.08548	0.44427	0.54621	1.03189	3.85822	6.85822	0.14171	0.70379	0.37445
595754.00	4171923.00	Offsite Worker	0.08917	0.46565	0.53591	0.99117	3.82523	6.82523	0.14449	0.71019	0.37719
595814.00	4171923.00	Offsite Worker	0.09302	0.48512	0.52197	0.94637	3.78848	6.78848	0.14733	0.71204	0.37771
595534.00	4171943.00	Offsite Worker	0.07655	0.30679	0.43781	1.61976	3.34234	6.34234	0.12163	0.65276	0.34314
595554.00	4171943.00	Offsite Worker	0.07509	0.29643	0.43536	1.64545	3.3641	6.3641	0.12048	0.63473	0.33529
595574.00	4171943.00	Offsite Worker	0.0742	0.29145	0.4497	1.66749	3.38303	6.38303	0.12077	0.6265	0.33237
595594.00	4171943.00	Offsite Worker	0.07375	0.29169	0.47487	1.66491	3.38099	6.38099	0.12193	0.62491	0.3327
595614.00	4171943.00	Offsite Worker	0.07385	0.29855	0.50909	1.64324	3.3628	6.3628	0.12404	0.63318	0.33793
595634.00	4171943.00	Offsite Worker	0.07451	0.31249	0.54891	1.60739	3.33292	6.33292	0.12687	0.65097	0.3479
595654.00	4171943.00	Offsite Worker	0.07569	0.33305	0.59211	1.56628	3.29899	6.29899	0.13013	0.67591	0.36136
595674.00	4171943.00	Offsite Worker	0.07762	0.3612	0.63113	1.53495	3.27351	6.27351	0.13406	0.70984	0.37909
595694.00	4171943.00	Offsite Worker	0.08002	0.39355	0.66142	1.49615	3.24193	6.24193	0.13806	0.74404	0.39656
595554.00	4171963.00	Offsite Worker	0.08099	0.34999	0.61939	2.4062	2.00339	2.00339	0.13141	0.77411	0.40669
595574.00	4171963.00	Offsite Worker	0.08016	0.34579	0.63704	2.47385	2.06048	2.06048	0.13293	0.76538	0.40356
595594.00	4171963.00	Offsite Worker	0.08	0.34981	0.67234	2.51752	2.0962	2.0962	0.13406	0.77004	0.4071
595614.00	4171963.00	Offsite Worker	0.0804	0.36217	0.71738	2.51022	2.08803	2.08803	0.13684	0.78562	0.41613
595634.00	4171963.00	Offsite Worker	0.08157	0.38455	0.77064	2.45549	2.04032	2.04032	0.14054	0.81559	0.4324
595654.00	4171963.00	Offsite Worker	0.08315	0.41389	0.81916	2.349	1.95004	1.95004	0.14431	0.84928	0.45039
595674.00	4171963.00	Offsite Worker	0.08855	0.451	0.85999	2.24705	1.86491	1.86491	0.14863	0.88405	0.4715
595574.00	4171983.00	Offsite Worker	0.08714	0.41905	0.9631	3.90734	3.26486	3.26486	0.14566	0.9607	0.50428
595074.00	4172423.00	Offsite Worker	1.37144	0.08443	0.24557	1.14721	0.9604	0.9604	2.41736	0.12989	0.27174
595094.00	4172423.00	Offsite Worker	1.49753	0.08695	0.24585	1.30214	1.08999	1.08999	2.74089	0.13903	0.28542
595074.00	4172443.00	Offsite Worker	1.37144	0.07681	0.25884	1.18226	0.99043	0.99043	2.47151	0.12139	0.27215
595094.00	4172443.00	Offsite Worker	1.50899	0.08108	0.2574	1.35064	1.13133	1.13133	2.76447	0.1313	0.28463
595114.00	4172443.00	Offsite Worker	1.65849	0.08586	0.25543	1.56564	1.31118	1.31118	3.1806	0.14105	0.29853
595134.00	4172443.00	Offsite Worker	1.83063	0.0914	0.25373	1.8573	1.55501	1.55501	3.68468	0.15242	0.31621
595054.00	4172463.00	Offsite Worker	1.23014	0.06742	0.28353	1.07947	0.9051	0.9051	2.05227	0.10933	0.27516
595074.00	4172463.00	Offsite Worker	1.33644	0.07099	0.28245	1.22238	1.02478	1.02478	2.32693	0.11652	0.28271
595094.00	4172463.00	Offsite Worker	1.499	0.07503	0.28	1.4024	1.17546	1.17546	2.74296	0.12468	0.29105
595114.00	4172463.00	Offsite Worker	1.6608	0.07968	0.27647	1.63793	1.37247	1.37247	3.19535	0.13401	0.30264
595034.00	4172483.00	Offsite Worker	1.18174	0.05942	0.30918	1.08252	0.91063	0.91063	1.89393	0.09754	0.27881
595074.00	4172483.00	Offsite Worker	1.32261	0.06537	0.31595	1.29199	1.05872	1.05872	2.19112	0.10772	0.29774
595094.00	4172483.00	Offsite Worker	1.47254	0.0704	0.31443	1.45981	1.22431	1.22431	2.68839	0.1191	0.30506
595114.00	4172483.00	Offsite Worker	1.64366	0.07501	0.3106	1.71937	1.44139	1.44139	3.15453	0.12805	0.31451
595034.00	4172503.00	Offsite Worker	1.02313	0.05629	0.34933	1.00484	0.84404	0.84404	1.53086	0.09386	0.31525
595054.00	4172503.00	Offsite Worker	1.13442	0.05913	0.35446	1.13052	0.94941	0.94941	1.78206	0.0893	0.31646
595074.00	4172503.00	Offsite Worker	1.28773	0.06286	0.35484	1.29811	1.08973	1.08973	2.10857	0.08517	0.31677
595094.00	4172503.00	Offsite Worker	1.44253	0.06672	0.36055	1.51524	1.27147	1.27147	2.51766	0.11397	0.32657
595114.00	4172503.00	Offsite Worker	1.60451	0.0715	0.35957	1.81472	1.52191	1.52191	3.04071	0.12299	0.33549
595034.00	4172523.00	Offsite Worker	0.95581	0.05347	0.38981	1.02435	0.86115	0.86115	1.35908	0.09021	0.35102
595054.00	4172523.00	Offsite Worker	1.06054	0.05654	0.40228	1.16986	0.98321	0.98321	1.64025	0.09831	0.35441
595074.00	4172523.00	Offsite Worker	1.19984	0.06005	0.41278	1.35247	1.13599	1.13599	1.9108	0.10271	0.35723
595094.00	4172523.00	Offsite Worker	1.35022	0.0639	0.41905	1.57723	1.32405	1.32405	2.29248	0.10954	0.35904
595034.00	4172543.00	Offsite Worker	0.87766	0.05121	0.43205	1.04128	0.87613	0.87613	1.17243	0.08701	0.39748
595054.00	4172543.00	Offsite Worker	0.98573	0.05452	0.44857	1.19939	1.00843	1.00843	1.39477	0.09353	0.40207
595074.00	4172543.00	Offsite Worker	1.10918	0.05781	0.47175	1.39559	1.17282	1.17282	1.65356	0.09898	0.40475
595094.00	4172543.00	Offsite Worker	1.2592	0.06187	0.48961	1.6599	1.39393	1.39393	2.01224	0.10599	0.40789
595014.00	4172563.00	Offsite Worker	0.711	0.04675	0.44621	0.92086	0.77591	0.77591	0.85506	0.07943	0.447
595034.00	4172563.00	Offsite Worker	0.79288	0.04945	0.4735	1.05639	0.88958	0.88958	0.98888	0.08428	0.45657
595054.00	4172563.00	Offsite Worker	0.88851	0.05254	0.50254	1.22456	1.03111	1.03111	1.18178	0.08965	0.46107
595074.00	4172563.00	Offsite Worker	1.00369	0.05601	0.53257	1.43706	1.20831	1.20831	1.37631	0.09546	0.46884
595094.00	4172563.00	Offsite Worker	1.14344	0.06006	0.56434	1.73066	1.45388	1.45388	1.67363	0.10204	0.47302
595014.00	4172583.00	Offsite Worker	0.63193	0.04532	0.4762	0.91768	0.77391	0.77391	0.71579	0.07707	0.50974
595034.00	4172583.00	Offsite Worker	0.70356	0.04801	0.51013	1.0625	0.89531	0.89531	0.83153	0.08213	0.52675
595054.00	4172583.00	Offsite Worker	0.78947	0.05113	0.54855	1.24664	1.04979	1.04979	0.95031	0.0868	0.54252
595074.00	4172583.00	Offsite Worker	0.89068	0.05459	0.59036	1.48031	1.24538	1.24538	1.11612	0.09222	0.55403
595034.00	4172603.00	Offsite Worker	0.61682	0.04695	0.54149	1.06338	0.89691	0.89691	0.67954	0.07942	0.60845
595054.00	4172603.00	Offsite Worker	0.68954	0.04999	0.58712	1.26169	1.06324	1.06324	0.77599	0.0841	0.63617
595074.00	4172603.00	Offsite Worker	0.77899	0.05342	0.64014	1.52391	1.28283	1.28283	0.8907	0.08918	0.66215
595534.00	4172643.00	Offsite Worker	6.89477	0.28108	1.0334	0.92002	0.76663	0.76663	1.95289	0.27133	0.80569
595554.00	4172643.00	Offsite Worker	5.75771	0.30235	1.00608	0.85098	0.70905	0.70905	1.76085	0.2826	0.77559
595574.00	4172643.00	Offsite Worker	4.86554	0.3221	0.988	0.79	0.65817	0.65817	1.5914	0.29224	0.7494
595534.00	4172663.00	Offsite Worker	6.31809	0.25343	1.11326	0.98137	0.71358	0.71358	1.82685	0.25107	0.84715
595554.00	4172663.00	Offsite Worker	5.314	0.27183	1.10506	0.79805	0.66486	0.66486	1.58993	0.25747	0.81641
595574.00	4172663.00	Offsite Worker	4.51363	0.28932	1.0943	0.74233	0.61839	0.61839	1.44735	0.26644	0.78893
595534.00	4172683.00	Offsite Worker	5.91289	0.22978	1.31483	0.80374	0.66958	0.66958	1.57053	0.22669	0.91672
595554.00	4172683.00	Offsite Worker	4.94674	0.24583	1.33344	0.74632	0.62171	0.62171	1.43665	0.23569	0.88698
595574.00	4172683.00	Offsite Worker	4.11517	0.26142	1.30387	0.69804	0.57975	0.57975	1.31732	0.24405	0.85697
595294.00	4172743.00	Offsite Worker	1.07104	0.07575	6.30074	2.58624	2.15521	2.15521	1.48998	0.10274	4.57504
595314.00	4172743.00	Offsite Worker	1.39734	0.08048	4.91828	2.07976	1.73281	1.73281	1.62815	0.10751	3.52222
595334.00	4172743.00	Offsite Worker	2.04325	0.08605	3.99573	1.74027	1.44963	1.44963	1.71778	0.11296	2.89993
595354.00	4172743.00	Offsite Worker	2.83583	0.1758	3.04674	1.64131	0.5342	0.5342	1.14547	0.17936	1.77708
595294.00	4172763.00	Offsite Worker	0.78307	0.07216	5.64346	2.07454	1.72908	1.72908	1.20684	0.09761	4.43574
595314.00	4172763.00	Offsite Worker	0.99154	0.07653	4.30625	1.71656	1.43042	1.43042	1.31505	0.10184	3.46824
595334.00	4172763.00	Offsite Worker	1.35837	0.08176	3.4773	1.47008	1.22468	1.22468	1.39853	0.10692	2.86297
595354.00	4172763.00	Offsite Worker	1.95816	0.08791	2.92725	1.28919	1.07369	1.07369	1.45173	0.11285	2.50263
595374.00	4172763.00	Offsite Worker	2.85459	0.09394	2.49674	1.14057	0.94981	0.94981	1.45251	0.11788	2.24823
595534.00	4172763.00	Offsite Worker	3.65869	0.16187	4.73234	0.59189	0.49297	0.49297	1.03313	0.16517	2.54567
595554.00	4172763.00	Offsite Worker	3.06723	0.17156	3.16565	0.55671	0.46363	0.46363	0.9703	0.17106	1.92765
595574.00	4172763.00	Offsite Worker	2.64048	0.18128	2.2148	0.52561	0.43767	0.43767	0.91151	0.17688	1.49972
595594.00	4172763.00	Offsite Worker	0.11187	0.03101	0.36265	0.17133	0.14458	0.14458	0.1678	0.04674	0.52542
594954.00	4172783.00	Offsite Worker	0.11711	0.03253	0.39976	0.18529	0.15677	0.15677	0.17734	0.05049	0.59373
594974.00	4172783.00	Offsite Worker	0.12338	0.03418	0.44332	0.20387	0.17292	0.17292	0.18969	0.05249	0.67805
595274.00	4172783.00	Offsite Worker	0.50378	0.06495	6.39316	1.92618	1.60575	1.60575	0.88618	0.08851	5.61376
595314.00	4172783.00	Offsite Worker	1.33286	0.08303	2.5721	1.09449	0.91147	0.91147	1.2015	0.10593	2.36156
595374.00	4172783.00	Offsite Worker	1.73805	0.08873	2.20362	0.98588	0.8209	0.8209	1.1094	0.11068	2.14909
595394.00	4172783.00	Offsite Worker	2.24367	0.09502	1.9422	0.89804	0.74769	0.74769	1.21794	0.1158	2.12355
595414.00	4172783.00	Offsite Worker	2.83063	0.10178	1.76371	0.82453	0.68646	0.68646	1.20065	0.1211	2.42798
595434.00	4172783.00	Offsite Worker	3.50409	0.10899	1.66468	0.76201	0.63443	0.63443	1.17114	0.12652	3.67235
595514.00	4172783.00	Offsite Worker	3.42003	0.141	4.50381	0.57961	0.48272	0.48272	0.98485	0.14824	5.68767
595534.00	4172783.00	Offsite Worker	2.93093	0.14961	3.50732	0.54589	0.45463	0.45463	0.93325	0.1537	3.21035
595554.00	4172783.00	Offsite Worker	2.54498	0.15822	2.52053	0.51543	0.4292	0.4292	0.88209	0.15903	2.13317
595574.00	4172783.00	Offsite Worker	2.24776	0.16701	1.88476	0.48864	0.40686	0.40686	0.8341	0.16444	1.5554
595594.00	4172783.00	Offsite Worker	1.997	0.1753	1.47361	0.46349	0.38582	0.38582	0.78598	0.16924	1.22332
595614.00	4172783.00	Offsite Worker	1.79508	0.18345	1.20822	0.44117	0.36715	0.36715	0.7416	0.17391	1.00865
595634.00	4172783.00	Offsite Worker	1.62069	0.1909	1.0228	0.42035	0.34971	0.34971	0.69878	0.17796	0.86075

3rd Tri GLC Concentration (ug/m³)

	Offroad Equipment			Delivery Trucks			Truck Idling		
	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
	2.33E-03	4.41E-03	0.00E+00	8.73E-05	1.81E-05	0.00E+00	5.17E-06	5.82E-06	0.00E+00
	2.41E-03	4.56E-03	0.00E+00	8.60E-05	1.79E-05	0.00E+00	5.23E-06	5.92E-06	0.00E+00
	2.50E-03	4.95E-03	0.00E+00	8.52E-05	1.77E-05	0.00E+00	5.40E-06	6.17E-06	0.00E+00
	2.59E-03	5.32E-03	0.00E+00	8.38E-05	1.74E-05	0.00E+00	5.54E-06	6.34E-06	0.00E+00
	2.70E-03	5.64E-03	0.00E+00	8.19E-05	1.70E-05	0.00E+00	5.67E-06	6.46E-06	0.00E+00
	2.82E-03	5.90E-03	0.00E+00	7.96E-05	1.66E-05	0.00E+00	5.77E-06	6.53E-06	0.00E+00
	2.40E-03	3.87E-03	0.00E+00	1.17E-04	2.41E-05	0.00E+00	4.87E-06	5.91E-06	0.00E+00
	2.36E-03	3.74E-03	0.00E+00	1.18E-04	2.43E-05	0.00E+00	4.82E-06	5.76E-06	0.00E+00
	2.33E-03	3.66E-03	0.00E+00	1.18E-04	2.44E-05	0.00E+00	4.81E-06	5.67E-06	0.00E+00
	2.31E-03	3.64E-03	0.00E+00	1.18E-04	2.43E-05	0.00E+00	4.84E-06	5.63E-06	0.00E+00
	2.30E-03	3.69E-03	0.00E+00	1.17E-04	2.41E-05	0.00E+00	4.91E-06	5.67E-06	0.00E+00
	2.31E-03	3.81E-03	0.00E+00	1.15E-04	2.38E-05	0.00E+00	5.00E-06	5.77E-06	0.00E+00
	2.33E-03	4.01E-03	0.00E+00	1.13E-04	2.35E-05	0.00E+00	5.10E-06	5.93E-06	0.00E+00
	2.38E-03	4.30E-03	0.00E+00	1.13E-04	2.33E-05	0.00E+00	5.25E-06	6.21E-06	0.00E+00
	2.44E-03	4.65E-03	0.00E+00	1.11E-04	2.30E-05	0.00E+00	5.39E-06	6.48E-06	0.00E+00
	2.76E-03	6.17E-03	0.00E+00	1.07E-04	2.22E-05	0.00E+00	6.00E-06	7.49E-06	0.00E+00
	2.88E-03	6.51E-03	0.00E+00	1.03E-04	2.15E-05	0.00E+00	6.13E-06	7.81E-06	0.00E+00
	3.00E-03	6.82E-03	0.00E+00	9.93E-05	2.07E-05	0.00E+00	6.25E-06	7.88E-06	0.00E+00
	3.13E-03	7.11E-03	0.00E+00	9.48E-05	1.98E-05	0.00E+00	6.38E-06	7.70E-06	0.00E+00
	2.56E-03	4.49E-03	0.00E+00	1.62E-04	3.36E-05	0.00E+00	5.26E-06	7.06E-06	0.00E+00
	2.50E-03	4.34E-03	0.00E+00	1.65E-04	3.42E-05	0.00E+00	5.21E-06	6.87E-06	0.00E+00
	2.50E-03	4.27E-03	0.00E+00	1.67E-04	3.47E-05	0.00E+00	5.23E-06	6.78E-06	0.00E+00
	2.48E-03	4.27E-03	0.00E+00	1.67E-04	3.46E-05	0.00E+00	5.28E-06	6.76E-06	0.00E+00
	2.49E-03	4.37E-03	0.00E+00	1.65E-04	3.41E-05	0.00E+00	5.37E-06	6.85E-06	0.00E+00
	2.51E-03	4.58E-03	0.00E+00	1.61E-04	3.34E-05	0.00E+00	5.49E-06	7.04E-06	0.00E+00
	2.55E-03	4.88E-03	0.00E+00	1.57E-04	3.26E-05	0.00E+00	5.63E-06	7.31E-06	0.00E+00
	2.61E-03	5.29E-03	0.00E+00	1.54E-04	3.19E-05	0.00E+00	5.80E-06	7.68E-06	0.00E+00
	2.70E-03	5.77E-03	0.00E+00	1.50E-04	3.11E-05	0.00E+00	5.97E-06	8.05E-06	0.00E+00
	2.73E-03	5.13E-03	0.00E+00	2.41E-04	5.02E-05	0.00E+00	5.69E-06	8.37E-06	0.00E+00
	2.76E-03	5.07E-03	0.00E+00	2.48E-04	5.16E-05	0.00E+00	5.72E-06	8.28E-06	0.00E+00
	2.68E-03	4.96E-03	0.00E+00	2.52E-04	5.25E-05	0.00E+00	5.80E-06	8.33E-06	0.00E+00
	2.52E-03	4.76E-03	0.00E+00	2.52E-04	5.23E-05	0.00E+00	5.92E-06	8.50E-06	0.00E+00
	2.75E-03	5.63E-03	0.00E+00	2.48E-04	5.11E-05	0.00E+00	6.08E-06	8.82E-06	0.00E+00
	2.88E-03	6.06E-03	0.00E+00	2.35E-04	4.89E-05	0.00E+00	6.24E-06	9.19E-06	0.00E+00
	2.88E-03	6.61E-03	0.00E+00	2.25E-04	4.67E-05	0.00E+00	6.43E-06	9.63E-06	0.00E+00
	2.94E-03	6.14E-03	0.00E+00	3.92E-04	8.18E-05	0.00E+00	6.30E-06	1.04E-05	0.00E+00
	4.62E-02	1.24E-03	0.00E+00	1.15E-04	2.41E-05	0.00E+00	1.05E-04	1.41E-06	0.00E+00
	1.30E-03	1.31E-06	0.00E+00	1.31E-04	2.73E-05	0.00E+00	1.19E-04	1.50E-06	0.00E+00
	4.62E-02	1.13E-03	0.00E+00	1.18E-04	2.46E-05	0.00E+00	1.07E-04	1.35E-06	0.00E+00
	3.98E-02	1.03E-03	0.00E+00	1.72E-04	3.61E-05	0.00E+00	1.57E-04	1.98E-06	0.00E+00
	3.96E-02	1.02E-03	0.00E+00	1.76E-04	3.68E-05	0.00E+00	1.60E-04	2.02E-06	0.00E+00
	3.96E-02	1.02E-03	0.00E+00	1.78E-04	3.72E-05	0.00E+00	1.62E-04	2.04E-06	0.00E+00
	3.97E-02	1.02E-03	0.00E+00	1.78E-04	3.71E-05	0.00E+00	1.62E-04	2.04E-06	0.00E+00
	3.98E-02	1.02E-03	0.00E+00	1.76E-04	3.68E-05	0.00E+00	1.61E-04	2.03E-06	0.00E+00
	4.00E-02	1.03E-03	0.00E+00	1.73E-04	3.62E-05	0.00E+00	1.58E-04	1.99E-06	0.00E+00
	4.03E-02	1.03E-03	0.00E+00	1.69E-04	3.54E-05	0.00E+00	1.54E-04	1.94E-06	0.00E+00
	4.07E-02	1.04E-03	0.00E+00	1.64E-04	3.44E-05	0.00E+00	1.50E-04	1.88E-06	0.00E+00
	4.12E-02	1.05E-03	0.00E+00	1.59E-04	3.33E-05	0.00E+00	1.45E-04	1.82E-06	0.00E+00
	4.18E-02	1.06E-03	0.00E+00	1.53E-04	3.21E-05	0.00E+00	1.40E-04	1.76E-06	0.00E+00
	4.25E-02	1.08E-03	0.00E+00	1.47E-04	3.08E-05	0.00E+00	1.35E-04	1.69E-06	0.00E+00
	4.32E-02	1.10E-03	0.00E+00	1.41E-04	2.95E-05	0.00E+00	1.29E-04	1.62E-06	0.00E+00
	4.40E-02	1.12E-03	0.00E+00	1.35E-04	2.82E-05	0.00E+00	1.24E-04	1.55E-06	0.00E+00
	4.49E-02	1.14E-03	0.00E+00	1.29E-04	2.69E-05	0.00E+00	1.18E-04	1.48E-06	0.00E+00
	4.58E-02	1.16E-03	0.00E+00	1.23E-04	2.56E-05	0.00E+00	1.13E-04	1.41E-06	0.00E+00
	4.68E-02	1.19E-03	0.00E+00	1.17E-04	2.43E-05	0.00E+00	1.07E-04	1.34E-06	0.00E+00
	4.78E-02	1.21E-03	0.00E+00	1.12E-04	2.31E-05	0.00E+00	1.02E-04	1.27E-06	0.00E+00
	4.89E-02	1.24E-03	0.00E+00	1.06E-04	2.19E-05	0.00E+00	9.71E-05	1.21E-06	0.00E+00
	5.00E-02	1.27E-03	0.00E+00	1.01E-04	2.07E-05	0.00E+00	9.24E-05	1.15E-06	0.00E+00
	5.12E-02	1.30E-03	0.00E+00	9.59E-05	1.96E-05	0.00E+00	8.77E-05	1.09E-06	0.00E+00
	5.24E-02	1.33E-03	0.00E+00	9.11E-05	1.86E-05	0.00E+00	8.33E-05	1.03E-06	0.00E+00
	5.37E-02	1.36E-03	0.00E+00	8.66E-05	1.77E-05	0.00E+00	7.91E-05	9.82E-07	0.00E+00
	5.50E-02	1.39E-03	0.00E+00	8.23E-05	1.68E-05	0.00E+00	7.52E-05	9.33E-07	0.00E+00
	5.64E-02	1.43E-03	0.00E+00	7.82E-05	1.60E-05	0.00E+00	7.15E-05	8.87E-07	0.00E+00
	5.78E-02	1.46E-03	0.00E+00	7.43E-05	1.52E-05	0.00E+00	6.79E-05	8.43E-07	0.00E+00
	5.93E-02	1.50E-03	0.00

Construction Ground Level Concentrations

Annual Average Emission Rate (g/s):

	Offroad Equipment			Delivery Trucks			Truck Idling		
	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
3rd Tri	3.37E-02	1.46E-02	0.00E+00	1.00E-04	2.51E-05	0.00E+00	4.33E-05	1.08E-05	0.00E+00
0 < 2	2.19E-03	1.16E-02	0.00E+00	5.47E-06	2.74E-05	0.00E+00	2.36E-06	1.18E-05	0.00E+00
2 < 16	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.04E-06

AERMOD Concentration (ug/m³) @ 1 g/s

Receptor			Offroad Equipment			Delivery Trucks			Truck Idling		
X	Y	Rec Group ID	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
594894.00	4172803.00	Offsite Worker	0.09105	0.02772	0.27873	0.13171	0.11116	0.11116	0.1384	0.04378	0.37812
594914.00	4172803.00	Offsite Worker	0.09519	0.02911	0.3097	0.14195	0.1201	0.1201	0.14643	0.04551	0.42846
594934.00	4172803.00	Offsite Worker	0.09983	0.0306	0.34584	0.15421	0.13088	0.13088	0.1559	0.04736	0.48973
594954.00	4172803.00	Offsite Worker	0.10461	0.0321	0.38625	0.16737	0.14249	0.14249	0.16588	0.04915	0.56128
594974.00	4172803.00	Offsite Worker	0.11	0.03366	0.43313	0.18325	0.15651	0.15651	0.17767	0.05102	0.64876
595274.00	4172803.00	Offsite Worker	0.41884	0.08191	5.69622	1.40603	1.16992	1.16992	0.74536	0.08395	5.18
595294.00	4172803.00	Offsite Worker	0.44848	0.08541	4.32284	1.25389	1.04373	1.04373	0.6296	0.08761	3.94268
595314.00	4172803.00	Offsite Worker	0.61785	0.06956	3.40233	1.13136	0.94172	0.94172	0.5111	0.09186	3.13293
595354.00	4172803.00	Offsite Worker	1.00599	0.07901	2.3309	0.93353	0.777	0.777	1.01706	0.10046	2.19346
595374.00	4172803.00	Offsite Worker	1.27777	0.08419	1.99739	0.85414	0.71087	0.71087	1.03859	0.10471	1.93625
595394.00	4172803.00	Offsite Worker	1.60113	0.08982	1.74628	0.78745	0.65536	0.65536	1.04473	0.10921	1.79585
595414.00	4172803.00	Offsite Worker	1.97214	0.09589	1.56587	0.73075	0.60818	0.60818	1.03811	0.11395	1.81332
595434.00	4172803.00	Offsite Worker	2.3717	0.10222	1.4141	0.68055	0.56643	0.56643	1.01905	0.11864	2.14173
595454.00	4172803.00	Offsite Worker	2.76307	0.10889	1.3461	0.63642	0.52976	0.52976	0.99173	0.12339	3.33365
595474.00	4172803.00	Offsite Worker	2.96223	0.11607	1.50874	0.59822	0.49801	0.49801	0.96046	0.12846	6.189
595534.00	4172803.00	Offsite Worker	2.35048	0.13879	2.29114	0.50365	0.41937	0.41937	0.84478	0.14352	2.92845
595554.00	4172803.00	Offsite Worker	2.10747	0.14642	1.86969	0.47219	0.39731	0.39731	0.80276	0.14828	2.34772
595574.00	4172803.00	Offsite Worker	1.90527	0.15426	1.52403	0.4539	0.37787	0.37787	0.76311	0.15316	1.43949
595594.00	4172803.00	Offsite Worker	1.72166	0.16168	1.25798	0.43175	0.35933	0.35933	0.72243	0.15752	1.14276
595614.00	4172803.00	Offsite Worker	1.57032	0.16912	1.06846	0.41227	0.34303	0.34303	0.68506	0.16191	0.94935
595634.00	4172803.00	Offsite Worker	1.43628	0.17608	0.92597	0.39414	0.32788	0.32788	0.64885	0.16586	0.81415
595654.00	4172803.00	Offsite Worker	1.31696	0.1824	0.81645	0.37723	0.31368	0.31368	0.61409	0.16928	0.71432
595674.00	4172803.00	Offsite Worker	1.21077	0.18793	0.73027	0.36145	0.30047	0.30047	0.5811	0.17213	0.63737
594874.00	4172823.00	Offsite Worker	0.07919	0.02639	0.23145	0.11271	0.09539	0.09539	0.12234	0.04058	0.30082
594894.00	4172823.00	Offsite Worker	0.08263	0.0277	0.25804	0.12148	0.10302	0.10302	0.1298	0.04275	0.34163
594914.00	4172823.00	Offsite Worker	0.0863	0.02881	0.2899	0.13092	0.11149	0.11149	0.13761	0.04442	0.38972
594934.00	4172823.00	Offsite Worker	0.09024	0.0302	0.32478	0.1413	0.12075	0.12075	0.14629	0.04611	0.44737
594954.00	4172823.00	Offsite Worker	0.09443	0.03161	0.36627	0.15274	0.131	0.131	0.15583	0.04778	0.51698
595254.00	4172823.00	Offsite Worker	0.30754	0.05619	6.30008	1.09837	0.9102	0.9102	0.57033	0.07659	6.44376
595274.00	4172823.00	Offsite Worker	0.35812	0.05916	5.01793	1.05513	0.87488	0.87488	0.63885	0.07989	4.74342
595294.00	4172823.00	Offsite Worker	0.42562	0.06254	3.84392	0.99061	0.82218	0.82218	0.70845	0.08345	3.65407
595334.00	4172823.00	Offsite Worker	0.64539	0.07072	2.53911	0.86005	0.71463	0.71463	0.83097	0.09141	2.40298
595354.00	4172823.00	Offsite Worker	0.80243	0.07515	2.14487	0.79704	0.66252	0.66252	0.86859	0.09517	2.03285
595374.00	4172823.00	Offsite Worker	1.00096	0.08007	1.85493	0.74305	0.6178	0.6178	0.89472	0.09934	1.77122
595394.00	4172823.00	Offsite Worker	1.22616	0.08517	1.6237	0.69644	0.57844	0.57844	0.90538	0.10358	1.58659
595414.00	4172823.00	Offsite Worker	1.47368	0.09053	1.44213	0.64869	0.53953	0.53953	0.90409	0.10746	1.52017
595434.00	4172823.00	Offsite Worker	1.73597	0.09625	1.3079	0.60966	0.50714	0.50714	0.8941	0.11173	1.58773
595454.00	4172823.00	Offsite Worker	1.97484	0.10224	1.23204	0.57436	0.47786	0.47786	0.87604	0.11602	1.91078
595474.00	4172823.00	Offsite Worker	2.11988	0.10845	1.28524	0.54221	0.45119	0.45119	0.85176	0.12076	2.54351
595494.00	4172823.00	Offsite Worker	2.11476	0.11506	1.43391	0.51374	0.42756	0.42756	0.82483	0.12484	3.12814
595514.00	4172823.00	Offsite Worker	2.02495	0.12189	1.60256	0.48772	0.40594	0.40594	0.79511	0.12942	2.82209
595534.00	4172823.00	Offsite Worker	1.89699	0.12891	1.57677	0.46408	0.3863	0.3863	0.76412	0.13408	2.10162
595574.00	4172823.00	Offsite Worker	1.62152	0.14296	1.23705	0.4219	0.35114	0.35114	0.69896	0.14305	1.23677
595594.00	4172823.00	Offsite Worker	1.49159	0.14973	1.07305	0.40279	0.33517	0.33517	0.66714	0.14763	1.03522
595614.00	4172823.00	Offsite Worker	1.37691	0.15644	0.94036	0.38553	0.32074	0.32074	0.63348	0.15115	0.86303
595634.00	4172823.00	Offsite Worker	1.27131	0.16274	0.83208	0.36932	0.30714	0.30714	0.60204	0.15477	0.7508
595654.00	4172823.00	Offsite Worker	1.1772	0.16865	0.74525	0.35443	0.29467	0.29467	0.5722	0.15809	0.66537
595674.00	4172823.00	Offsite Worker	1.09133	0.17392	0.67399	0.34044	0.28296	0.28296	0.54299	0.16126	0.59977
594874.00	4172843.00	Offsite Worker	0.07283	0.02623	0.21033	0.10638	0.09052	0.09052	0.11623	0.04031	0.26935
594894.00	4172843.00	Offsite Worker	0.0756	0.0274	0.23415	0.11265	0.09616	0.09616	0.12196	0.04112	0.30223
594914.00	4172843.00	Offsite Worker	0.0789	0.02862	0.26358	0.12139	0.10406	0.10406	0.12974	0.0433	0.34599
594934.00	4172843.00	Offsite Worker	0.08243	0.02977	0.29829	0.1307	0.11254	0.11254	0.13812	0.04489	0.39857
594954.00	4172843.00	Offsite Worker	0.08615	0.03109	0.33903	0.14062	0.12153	0.12153	0.14713	0.04679	0.46247
595254.00	4172843.00	Offsite Worker	0.27213	0.0538	5.76142	0.81877	0.67716	0.67716	0.49869	0.07307	5.77938
595274.00	4172843.00	Offsite Worker	0.31611	0.05672	4.46772	0.82145	0.67889	0.67889	0.55683	0.07636	4.3
595294.00	4172843.00	Offsite Worker	0.37253	0.05995	3.47642	0.79858	0.66047	0.66047	0.61436	0.07974	3.34414
595334.00	4172843.00	Offsite Worker	0.56175	0.06837	2.35829	0.72527	0.60111	0.60111	0.74147	0.08923	2.21775
595354.00	4172843.00	Offsite Worker	0.66408	0.07165	2.01513	0.68553	0.56863	0.56863	0.75064	0.09042	1.87579
595374.00	4172843.00	Offsite Worker	0.81022	0.07613	1.74853	0.64767	0.53755	0.53755	0.77582	0.09416	1.62769
595394.00	4172843.00	Offsite Worker	0.97579	0.0808	1.5345	0.61169	0.50795	0.50795	0.7897	0.0979	1.45469
595414.00	4172843.00	Offsite Worker	1.15869	0.08576	1.39409	0.57883	0.48076	0.48076	0.79436	0.10176	1.36229
595434.00	4172843.00	Offsite Worker	1.33857	0.09089	1.23361	0.54807	0.45548	0.45548	0.78981	0.10556	1.32422
595454.00	4172843.00	Offsite Worker	1.50225	0.0963	1.14836	0.52002	0.43231	0.43231	0.77863	0.10946	1.40157
595474.00	4172843.00	Offsite Worker	1.60497	0.10179	1.12243	0.4933	0.41021	0.41021	0.76047	0.11319	1.57783
595494.00	4172843.00	Offsite Worker	1.64049	0.1077	1.16384	0.46983	0.39078	0.39078	0.74033	0.11727	1.7589
595514.00	4172843.00	Offsite Worker	1.615	0.11382	1.2134	0.44813	0.37279	0.37279	0.71729	0.1214	1.79897
595534.00	4172843.00	Offsite Worker	1.5489	0.11996	1.19711	0.42757	0.35572	0.35572	0.69171	0.12542	1.4975
595554.00	4172843.00	Offsite Worker	1.46774	0.12627	1.12323	0.4089	0.34019	0.34019	0.66565	0.12955	1.24932
595574.00	4172843.00	Offsite Worker	1.38358	0.13272	1.02599	0.39201	0.32615	0.32615	0.63988	0.13376	1.04718
595594.00	4172843.00	Offsite Worker	1.1272	0.15078	0.74832	0.34614	0.28779	0.28779	0.56895	0.14403	0.84429
595654.00	4172843.00	Offsite Worker	1.05246	0.15624	0.67931	0.33291	0.27671	0.27671	0.5328	0.14783	0.61333
595674.00	4172843.00	Offsite Worker	0.98243	0.16115	0.62025	0.32037	0.26621	0.26621	0.50766	0.15052	0.55573
594854.00	4172863.00	Offsite Worker	0.06489	0.02488	0.16861	0.09421	0.08043	0.08043	0.10464	0.03806	0.2116
594874.00	4172863.00	Offsite Worker	0.06741	0.02574	0.18747	0.10037	0.08606	0.08606	0.11035	0.03947	0.23987
594894.00	4172863.00	Offsite Worker	0.07035	0.02705	0.20858	0.10983	0.09398	0.09398	0.11591	0.04044	0.28426
594914.00	4172863.00	Offsite Worker	0.07267	0.02813	0.23447	0.1127	0.09726	0.09726	0.12269	0.04167	0.29967
594934.00	4172863.00	Offsite Worker	0.07597	0.0293	0.26672	0.12159	0.10547	0.10547	0.13096	0.04368	0.34611
595234.00	4172863.00	Offsite Worker	0.21528	0.04918	6.19447	0.8019	0.49965	0.49965	0.39749	0.06703	7.14217
595254.00	4172863.00	Offsite Worker	0.24308	0.05157	5.13022	0.83898	0.52791	0.52791	0.43973	0.06979	5.11352
595274.00	4172863.00	Offsite Worker	0.28071	0.05431	3.98197	0.85366	0.53904	0.53904	0.48647	0.07279	3.84043
595294.00	4172863.00	Offsite Worker	0.33078	0.05755	3.22935	0.65513	0.54022	0.54022	0.53851	0.0763	3.00768
595314.00	4172863.00	Offsite Worker	0.3921	0.06095	2.67246	0.64046	0.52854	0.52854	0.58393	0.07956	2.43222
595334.00	4172863.00	Offsite Worker	0.46831	0.06455	2.25425	0.6183	0.51084	0.51084	0.62284	0.08275	2.01796
595354.00	4172863.00	Offsite Worker	0.58175	0.06837	1.92819	0.59276	0.4903	0.4903	0.65433	0.08598	1.71223
595374.00	4172863.00	Offsite Worker	0.67503	0.07254	1.67262	0.56799	0.47032	0.47032	0.6791	0.0895	1.48783
595394.00	4172863.00	Offsite Worker	0.79838	0.07673	1.46158	0.54143	0.4487	0.4487	0.69323	0.09279	1.3234
595414.00	4172863.00	Offsite Worker	0.93359	0.08126	1.29558	0.51717	0.42893	0.42893	0.70085	0.09633	1.21341
595434.00	4172863.00	Offsite Worker	1.0887	0.08596	1.16574	0.49389	0.40988	0.40988	0.70106	0.09987	1.15317
595454.00	4172863.00	Offsite Worker	1.19177	0.09096	1.07488	0.47245	0.39232	0.39232	0.69587	0.10357	1.15171
595474.00	4172863.00	Offsite Worker	1.27603	0.09597	1.02277	0.45104	0.37472	0.37472	0.68375	0.10703	1.19474
595494.00	4172863.00	Offsite Worker	1.31705	0.10121	1.00892	0.43125	0.35839	0.35839	0.66815	0.1106	1.24589
595514.00	4172863.00	Offsite Worker	1.31663	0.10659	1.00586	0.4126	0.34298	0.34298	0.64953	0.11418	1.22974
595534.00	4172863.00	Offsite Worker	1.28532	0.11203	0.98186	0.39491	0.32834	0.32834	0.62851	0.11773	1.1938
595554.00	4172863.00	Offsite Worker	1.23988	0.11771	0.93439	0.37902	0.31515	0.31515	0.60748	0.12148	1.01065
595574.00	4172863.00	Offsite Worker	1.18967	0.12365	0.87459	0.36496	0.30349	0.30349	0.58723	0.12546	0.89235
595594.00	4172863.00	Offsite Worker	1.13015	0.12938	0.80647	0.35107	0.29191	0.29191	0.56516	0.12913	0.78602
595614.00	4172863.00	Offsite Worker	1.07012	0.13504	0.7406	0.3381	0.2811	0.2811	0.54313	0.1327	0.69786
594854.00	4172883.00	Offsite Worker	0.06035	0.02464	0.14733	0.08857	0.07611	0.07611	0.09902	0.03668	0.18362
594874.00	4172883.00	Offsite Worker	0.06255	0.02563	0.16304	0.09371	0.08082	0.08082	0.10424	0.03789	0.2035
594894.00	4172883.00	Offsite Worker	0.06492	0.02661	0.18153	0.0989	0.08591	0.08591	0.10958	0.03885	0.22532
594914.00	4172883.00	Offsite Worker	0.06754	0.02759	0.20386	0.10542	0.09173	0.09173	0.11634	0.04028	0.2549
595234.00	4172883.00	Offsite Worker	0.19646	0.04726	5.89539	0.48614	0.40364	0.40364	0.33892	0.06425	6.12869
595254.00	4172883.00	Offsite Worker	0.22154	0.04956	4.70744	0.51829	0.428	0.428	0.39234	0.06687	4.41183
595274.00	4172883.00	Offsite Worker	0.25322	0.05218	3.77935	0.5366	0.44193	0.44193	0.43135	0.06968	3.34725
595294.00	4172883.00	Offsite Worker	0.29458	0.05518	3.1435	0.5444	0.44797	0.44797	0.4733	0.0728	2.64912
595314.00	4172883.00	Offsite Worker	0.3446	0.05831	2.62412	0.53978	0.44418	0.44418	0.511	0.07571	2.15991
595334.00	4172883.00	Offsite Worker	0.40915	0.06182	2.21509	0.53113	0.43748	0.43748	0.54727	0.07895	1.80601
595374.00	4172883.00	Offsite Worker	0.57543	0.06931	1.6128	0.5012	0.41384	0.41384	0.59996	0.08536	1.34707
595394.00	4172883.00	Offsite Worker	0.67039	0.0731	1.39649	0.48219	0.39864	0.39864	0.61389	0.08828	1.1981
595414.00	4172883.00	Offsite Worker	0.77354	0.07717	1.22843	0.46402	0.38403	0.38403	0.62255	0.09143	1.0909
595434.00	4172883.00	Offsite Worker	0.87916	0.08156	1.10022	0.44712	0.37039	0.37039	0.6265	0.09483	1.02307
595454.00	4172883.00	Offsite Worker	0.96921	0.08589	1.00209	0.42913	0.35578	0.35578	0.62294	0.09791	0.98581

3rd Tri GLC Concentration (ug/m³)

			Offroad Equipment			Delivery Trucks			Truck Idling		
			Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
594894.00	4172803.00	Offsite Worker	3.07E-03	4.06E-04	0.00E+00	1.32E-05	2.79E-06	0.00E+00	5.99E-06	4.74E-07	0.00E+00
594914.00	4172803.00	Offsite Worker	3.21E-03	4.26E-04	0.00E+00	1.42E-05	3.01E-06	0.00E+00	6.34E-06	4.92E-07	0.00E+00
594934.00	4172803.00	Offsite Worker	3.36E-03	4.48E-04	0.00E+00	1.55E-05	3.28E-06	0.00E+00	6.75E-06	5.12E-07	0.00E+00
594954.00	4172803.00	Offsite Worker	3.52E-03	4.70E-04	0.00E+00	1.68E-05	3.57E-06	0.00E+00	7.18E-06	5.32E-07	0.00E+00
594974.00	4172803.00	Offsite Worker	3.71E-03	4.93E-04	0.00E+00	1.84E-05	3.92E-06	0.00E+00	7.69E-06	5.52E-07	0.00E+00
595274.00	4172803.00	Offsite Worker	1.40E-02	9.07E-04	0.00E+00	1.41E-04	2.93E-05	0.00E+00	3.23E-05	9.08E-07	0.00E+00
595294.00	4172803.00	Offsite Worker	1.68E-02	9.58E-04	0.00E+00	1.26E-04	2.62E-05	0.00E+00	3.59E-05	9.48E-07	0.00E+00
595314.00	4172803.00	Offsite Worker	2.08E-02	1.02E-03	0.00E+00	1.13E-04	2.34E-05	0.00E+00	3.94E-05	9.94E-07	0.00E+00
595354.00	4172803.00	Offsite Worker	3.39E-02	1.16E-03	0.00E+00	9.36E-05	1.95E-05	0.00E+00	4.40E-05	1.09E-06	0.00E+00
595374.00	4172803.00	Offsite Worker	4.30E-02	1.23E-03	0.00E+00	8.56E-05	1.78E-05	0.00E+00	4.49E-05	1.13E-06	0.00E+00
595394.00	4172803.00	Offsite Worker	5.39E-02	1.32E-03	0.00E+00	7.89E-05	1.64E-05	0.00E+00	4.52E-05	1.18E-06	0.00E+00
595414.00	4172803.00	Offsite Worker	6.64E-02	1.40E-03	0.00E+00	7.32E-05	1.52E-05	0.00E+00	4.49E-05	1.23E-06	0.00E+00
595434.00	4172803.00	Offsite Worker	7.92E-02	1.48E-03	0.00E+00	6.82E-05	1.42E-05	0.00E+00	4.41E-05	1.28E-06	0.00E+00
595454.00	4172803.00	Offsite Worker	9.31E-02	1.60E-03	0.00E+00	6.38E-05	1.33E-05	0.00E+00	4.29E-05	1.33E-06	0.00E+00
595474.00	4172803.00	Offsite Worker	9.98E-02	1.70E-03	0.00E+00	6.00E-05	1.25E-05	0.00E+00	4.16E-05	1.39E-06	0.00E+00
595534.00	4172803.00	Offsite Worker	7.92E-02	2.03E-03	0.00E+00	5.05E-05	1.05E-05	0.00E+00	3.66E-05	1.55E-06	0.00E+00
595554.00	4172803.00	Offsite Worker	7.10E-02	2.14E-03	0.00E+00	4.79E-05	9.95E-06	0.00E+00	3.47E-05	1.60E-06	0.00E+00
595574.00	4172803.00	Offsite Worker	6.42E-02	2.26E-03	0.00E+00	4.55E-05	9.47E-06	0.00E+00	3.30E-05	1.66E-06	0.00E+00
595594.00	4172803.00	Offsite Worker	5.80E-02	2.37E-03	0.00E+00	4.33E-05	9.00E-06	0.00E+00	3.13E-05	1.70E-06	0.00E+00
595614.00	4172803.00	Offsite Worker	5.29E-02	2.48E-03	0.00E+00	4.13E-05	8.59E-06	0.00E+00	2.96E-05	1.75E-06	0.00E+00
595634.00	4172803.00	Offsite Worker	4.84E-02	2.58E-03	0.00E+00	3.95E-05	8.21E-06	0.00E+00	2.81E-05	1.79E-06	0.00E+00
595654.00	4172803.00	Offsite Worker	4.44E-02	2.67E-03	0.00E+00	3.78E-05	7.86E-06	0.00E+00	2.66E-05	1.83E-06	0.00E+00
595674.00	4172803.00	Offsite Worker	4.08E-02	2.75E-03	0.00E+00	3.62E-05	7.53E-06	0.00E+00	2.51E-05	1.86E-06	0.00E+00
594874.00	4172823.00	Offsite Worker	2.67E-03	3.87E-04	0.00E+00	1.13E-05	2.39E-06	0.00E+00	5.29E-06	4.39E-07	0.00E+00
594894.00	4172823.00	Offsite Worker	2.78E-03	4.06E-04	0.00E+00	1.22E-05	2.58E-06	0.00E+00	5.62E-06	4.62E-07	0.00E+00
594914.00	4172823.00	Offsite Worker	2.91E-03	4.22E-04	0.00E+00	1.31E-05	2.79E-06	0.00E+00	5.95E-06	4.81E-07	0.00E+00
594934.00	4172823.00	Offsite Worker	3.04E-03	4.42E-04	0.00E+00	1.42E-05	3.03E-06	0.00E+00	6.33E-06	4.99E-07	0.00E+00
594954.00	4172823.00	Offsite Worker	3.18E-03	4.63E-04	0.00E+00	1.53E-05	3.28E-06	0.00E+00	6.74E-06	5.17E-07	0.00E+00
595254.00	4172823.00	Offsite Worker	1.04E-02	8.23E-04	0.00E+00	1.10E-04	2.28E-05	0.00E+00	2.47E-05	8.29E-07	0.00E+00
595274.00	4172823.00	Offsite Worker	1.21E-02	8.87E-04	0.00E+00	1.06E-04	2.19E-05	0.00E+00	2.76E-05	8.64E-07	0.00E+00
595294.00	4172823.00	Offsite Worker	1.43E-02	9.16E-04	0.00E+00	9.93E-05	2.06E-05	0.00E+00	3.07E-05	9.03E-07	0.00E+00
595334.00	4172823.00	Offsite Worker	2.17E-02	1.04E-03	0.00E+00	8.62E-05	1.79E-05	0.00E+00	3.60E-05	9.89E-07	0.00E+00
595354.00	4172823.00	Offsite Worker	2.70E-02	1.10E-03	0.00E+00	7.99E-05	1.66E-05	0.00E+00	3.76E-05	1.03E-06	0.00E+00
595374.00	4172823.00	Offsite Worker	3.37E-02	1.17E-03	0.00E+00	7.45E-05	1.55E-05	0.00E+00	3.87E-05	1.07E-06	0.00E+00
595394.00	4172823.00	Offsite Worker	4.13E-02	1.25E-03	0.00E+00	6.95E-05	1.44E-05	0.00E+00	3.92E-05	1.12E-06	0.00E+00
595414.00	4172823.00	Offsite Worker	4.87E-02	1.33E-03	0.00E+00	6.50E-05	1.35E-05	0.00E+00	3.91E-05	1.16E-06	0.00E+00
595434.00	4172823.00	Offsite Worker	5.85E-02	1.41E-03	0.00E+00	6.11E-05	1.27E-05	0.00E+00	3.87E-05	1.21E-06	0.00E+00
595454.00	4172823.00	Offsite Worker	6.65E-02	1.50E-03	0.00E+00	5.76E-05	1.20E-05	0.00E+00	3.79E-05	1.26E-06	0.00E+00
595474.00	4172823.00	Offsite Worker	7.11E-02	1.59E-03	0.00E+00	5.45E-05	1.13E-05	0.00E+00	3.68E-05	1.30E-06	0.00E+00
595494.00	4172823.00	Offsite Worker	7.12E-02	1.69E-03	0.00E+00	5.15E-05	1.07E-05	0.00E+00	3.57E-05	1.35E-06	0.00E+00
595514.00	4172823.00	Offsite Worker	6.82E-02	1.79E-03	0.00E+00	4.89E-05	1.02E-05	0.00E+00	3.44E-05	1.40E-06	0.00E+00
595534.00	4172823.00	Offsite Worker	6.39E-02	1.89E-03	0.00E+00	4.65E-05	9.68E-06	0.00E+00	3.31E-05	1.45E-06	0.00E+00
595574.00	4172823.00	Offsite Worker	5.46E-02	2.09E-03	0.00E+00	4.23E-05	8.80E-06	0.00E+00	3.02E-05	1.55E-06	0.00E+00
595594.00	4172823.00	Offsite Worker	5.02E-02	2.19E-03	0.00E+00	4.04E-05	8.40E-06	0.00E+00	2.88E-05	1.60E-06	0.00E+00
595614.00	4172823.00	Offsite Worker	4.64E-02	2.29E-03	0.00E+00	3.86E-05	8.04E-06	0.00E+00	2.74E-05	1.64E-06	0.00E+00
595634.00	4172823.00	Offsite Worker	4.28E-02	2.38E-03	0.00E+00	3.70E-05	7.70E-06	0.00E+00	2.61E-05	1.67E-06	0.00E+00
595654.00	4172823.00	Offsite Worker	3.97E-02	2.47E-03	0.00E+00	3.55E-05	7.38E-06	0.00E+00	2.46E-05	1.71E-06	0.00E+00
595674.00	4172823.00	Offsite Worker	3.68E-02	2.55E-03	0.00E+00	3.41E-05	7.09E-06	0.00E+00	2.34E-05	1.74E-06	0.00E+00
594874.00	4172843.00	Offsite Worker	2.45E-03	3.84E-04	0.00E+00	1.07E-05	2.27E-06	0.00E+00	5.03E-06	4.36E-07	0.00E+00
594894.00	4172843.00	Offsite Worker	2.55E-03	4.01E-04	0.00E+00	1.13E-05	2.41E-06	0.00E+00	5.28E-06	4.45E-07	0.00E+00
594914.00	4172843.00	Offsite Worker	2.66E-03	4.19E-04	0.00E+00	1.22E-05	2.61E-06	0.00E+00	5.61E-06	4.

Construction Ground Level Concentrations

Annual Average Emission Rate (g/s):

	Offroad Equipment			Delivery Trucks			Truck Idling		
	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
3rd Tri	3.37E-02	1.46E-02	0.00E+00	1.02E-04	2.51E-05	0.00E+00	4.33E-05	1.08E-05	0.00E+00
0 < 2	2.19E-03	1.16E-02	0.00E+00	5.47E-06	2.74E-05	0.00E+00	2.36E-06	1.18E-05	0.00E+00
2 < 16	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.04E-06

Receptor			AERMOD Concentration (ug/m³) @ 1 g/s									3rd Tri GLC Concentration (ug/m³)								
			Offroad Equipment			Delivery Trucks			Truck Idling			Offroad Equipment			Delivery Trucks			Truck Idling		
X	Y	Rec Group ID	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
595474.00	4172883.00	Offsite Worker	1.03962	0.09049	0.93794	0.41237	0.34212	0.34212	0.6156	0.10116	0.98134	3.50E-02	1.33E-03	0.00E+00	4.13E-05	8.57E-06	0.00E+00	2.66E-05	1.09E-06	0.00E+00
595494.00	4172883.00	Offsite Worker	1.08028	0.0952	0.89963	0.39603	0.32875	0.32875	0.60407	0.10436	0.98445	3.64E-02	1.39E-03	0.00E+00	3.97E-05	8.24E-06	0.00E+00	2.61E-05	1.13E-06	0.00E+00
595514.00	4172883.00	Offsite Worker	1.09558	0.10017	0.87558	0.38108	0.31648	0.31648	0.5907	0.10776	0.96786	3.69E-02	1.47E-03	0.00E+00	3.82E-05	7.93E-06	0.00E+00	2.56E-05	1.17E-06	0.00E+00
595534.00	4172883.00	Offsite Worker	1.08536	0.10511	0.84598	0.36627	0.30428	0.30428	0.57423	0.11102	0.91439	3.67E-02	1.54E-03	0.00E+00	3.67E-05	7.62E-06	0.00E+00	2.48E-05	1.20E-06	0.00E+00
595554.00	4172883.00	Offsite Worker	1.06193	0.11025	0.80773	0.3528	0.29315	0.29315	0.55735	0.11445	0.8427	3.58E-02	1.62E-03	0.00E+00	3.54E-05	7.34E-06	0.00E+00	2.41E-05	1.24E-06	0.00E+00
595574.00	4172883.00	Offsite Worker	1.02963	0.11552	0.7623	0.3403	0.28278	0.28278	0.54005	0.11796	0.76703	3.47E-02	1.69E-03	0.00E+00	3.41E-05	7.09E-06	0.00E+00	2.34E-05	1.28E-06	0.00E+00
595594.00	4172883.00	Offsite Worker	0.98583	0.12053	0.71025	0.32771	0.27232	0.27232	0.52049	0.12112	0.69259	3.32E-02	1.77E-03	0.00E+00	3.28E-05	6.82E-06	0.00E+00	2.25E-05	1.31E-06	0.00E+00
595614.00	4172883.00	Offsite Worker	0.94011	0.12554	0.65945	0.31597	0.26255	0.26255	0.50108	0.12425	0.62649	3.17E-02	1.84E-03	0.00E+00	3.17E-05	6.58E-06	0.00E+00	2.18E-05	1.34E-06	0.00E+00
595634.00	4172883.00	Offsite Worker	0.89386	0.13046	0.61166	0.30499	0.25336	0.25336	0.48184	0.12727	0.56922	3.01E-02	1.91E-03	0.00E+00	3.06E-05	6.35E-06	0.00E+00	2.08E-05	1.38E-06	0.00E+00
595654.00	4172883.00	Offsite Worker	0.84867	0.13519	0.56799	0.29474	0.2448	0.2448	0.46302	0.13013	0.52041	2.86E-02	1.98E-03	0.00E+00	2.95E-05	6.13E-06	0.00E+00	2.00E-05	1.41E-06	0.00E+00
594854.00	4172903.00	Offsite Worker	0.95651	0.02434	0.1272	0.08382	0.07263	0.07263	0.09434	0.03572	0.15924	1.90E-03	3.57E-04	0.00E+00	8.40E-06	1.82E-06	0.00E+00	4.08E-06	3.86E-07	0.00E+00
594874.00	4172903.00	Offsite Worker	0.95868	0.02524	0.14009	0.08913	0.07701	0.07701	0.09941	0.03686	0.17324	1.97E-03	3.70E-04	0.00E+00	8.87E-06	1.93E-06	0.00E+00	4.30E-06	3.99E-07	0.00E+00
594894.00	4172903.00	Offsite Worker	0.96077	0.02613	0.15517	0.09314	0.08124	0.08124	0.10452	0.03761	0.19223	2.05E-03	3.83E-04	0.00E+00	9.33E-06	2.04E-06	0.00E+00	4.52E-06	4.07E-07	0.00E+00
594914.00	4172903.00	Offsite Worker	0.96323	0.02703	0.17341	0.09909	0.08693	0.08693	0.11098	0.03909	0.21584	2.13E-03	3.96E-04	0.00E+00	9.93E-06	2.18E-06	0.00E+00	4.80E-06	4.23E-07	0.00E+00
595234.00	4172903.00	Offsite Worker	0.18058	0.04548	5.86349	0.40453	0.33597	0.33597	0.32255	0.06168	5.01212	6.08E-03	6.66E-04	0.00E+00	4.05E-05	8.42E-06	0.00E+00	1.40E-05	6.67E-07	0.00E+00
595254.00	4172903.00	Offsite Worker	0.20269	0.0477	4.87137	0.43176	0.35647	0.35647	0.35263	0.06417	3.65851	6.83E-03	6.99E-04	0.00E+00	4.33E-05	8.93E-06	0.00E+00	1.53E-05	6.94E-07	0.00E+00
595274.00	4172903.00	Offsite Worker	0.2305	0.05027	4.06841	0.45055	0.37079	0.37079	0.38597	0.06665	2.82605	7.76E-03	7.36E-04	0.00E+00	4.52E-05	9.29E-06	0.00E+00	1.67E-05	7.23E-07	0.00E+00
595294.00	4172903.00	Offsite Worker	0.26538	0.05302	3.36866	0.46067	0.37853	0.37853	0.42048	0.06965	2.27159	8.94E-03	7.77E-04	0.00E+00	4.62E-05	9.48E-06	0.00E+00	1.82E-05	7.53E-07	0.00E+00
595314.00	4172903.00	Offsite Worker	0.30749	0.05596	2.71771	0.46204	0.37942	0.37942	0.45268	0.07236	1.8767	1.04E-02	8.20E-04	0.00E+00	4.63E-05	9.51E-06	0.00E+00	1.96E-05	7.83E-07	0.00E+00
595334.00	4172903.00	Offsite Worker	0.36081	0.05921	2.21122	0.45965	0.37763	0.37763	0.48399	0.07532	1.5894	1.21E-02	8.67E-04	0.00E+00	4.61E-05	9.46E-06	0.00E+00	2.09E-05	8.15E-07	0.00E+00
595354.00	4172903.00	Offsite Worker	0.42148	0.0625	1.82402	0.45149	0.37124	0.37124	0.50934	0.07808	1.36877	1.42E-02	9.16E-04	0.00E+00	4.52E-05	9.30E-06	0.00E+00	2.20E-05	8.45E-07	0.00E+00
595374.00	4172903.00	Offsite Worker	0.4933	0.06603	1.53914	0.44209	0.364	0.364	0.53092	0.08108	1.20299	1.66E-02	9.67E-04	0.00E+00	4.43E-05	9.12E-06	0.00E+00	2.30E-05	8.77E-07	0.00E+00
595414.00	4172903.00	Offsite Worker	0.65617	0.07355	1.15793	0.41853	0.34552	0.34552	0.55739	0.08717	0.98116	2.21E-02	1.08E-03	0.00E+00	4.19E-05	8.66E-06	0.00E+00	2.41E-05	9.43E-07	0.00E+00
595434.00	4172903.00	Offsite Worker	0.73618	0.07739	1.02888	0.40496	0.33471	0.33471	0.56154	0.09004	0.91112	2.48E-02	1.13E-03	0.00E+00	4.06E-05	8.39E-06	0.00E+00	2.43E-05	9.74E-07	0.00E+00
595454.00	4172903.00	Offsite Worker	0.80764	0.08133	0.93122	0.39109	0.32359	0.32359	0.56065	0.09285	0.86519	2.72E-02	1.19E-03	0.00E+00	3.92E-05	8.11E-06	0.00E+00	2.43E-05	1.00E-06	0.00E+00
595474.00	4172903.00	Offsite Worker	0.88473	0.08544	0.88123	0.37744	0.31259	0.31259	0.55581	0.0957	0.83994	2.91E-02	1.25E-03	0.00E+00	3.78E-05	7.83E-06	0.00E+00	2.41E-05	1.04E-06	0.00E+00
595494.00	4172903.00	Offsite Worker	0.90372	0.08975	0.81364	0.36445	0.30207	0.30207	0.54807	0.09868	0.82482	3.04E-02	1.31E-03	0.00E+00	3.65E-05	7.57E-06	0.00E+00	2.37E-05	1.07E-06	0.00E+00
595514.00	4172903.00	Offsite Worker	0.92203	0.09413	0.77783	0.35162	0.29163	0.29163	0.53724	0.10163	0.80243	3.11E-02	1.38E-03	0.00E+00	3.52E-05	7.31E-06	0.00E+00	2.32E-05	1.10E-06	0.00E+00
595534.00	4172903.00	Offsite Worker	0.92357	0.09864	0.74533	0.33941	0.28161	0.28161	0.52458	0.10465	0.7656	3.11E-02	1.45E-03	0.00E+00	3.40E-05	7.06E-06	0.00E+00	2.27E-05	1.13E-06	0.00E+00
595554.00	4172903.00	Offsite Worker	0.91485	0.10338	0.71208	0.32683	0.27127	0.27127	0.51181	0.10781	0.71883	3.08E-02	1.51E-03	0.00E+00	3.29E-05	6.83E-06	0.00E+00	2.21E-05	1.17E-06	0.00E+00
595574.00	4172903.00	Offsite Worker	0.89543	0.10812	0.67478	0.31752	0.26362	0.26362	0.49718	0.11106	0.66675	3.02E-02	1.58E-03	0.00E+00	3.18E-05	6.61E-06	0.00E+00	2.15E-05	1.20E-06	0.00E+00
595594.00	4172903.00	Offsite Worker	0.8647	0.1126	0.63296	0.30637	0.25439	0.25439	0.48036	0.11388	0.61291	2.91E-02	1.65E-03	0.00E+00	3.07E-05	6.37E-06	0.00E+00	2.08E-05	1.23E-06	0.00E+00
595614.00	4172903.00	Offsite Worker	0.83146	0.11714	0.59256	0.296	0.24575	0.24575	0.46373	0.11674	0.56346	2.80E-02	1.72E-03	0.00E+00	2.97E-05	6.16E-06	0.00E+00	2.01E-05	1.26E-06	0.00E+00
595634.00	4172903.00	Offsite Worker	0.79796	0.12171	0.55508	0.28654	0.23789	0.23789	0.44769	0.11962	0.51924	2.69E-02	1.78E-03	0.00E+00	2.87E-05	5.96E-06	0.00E+00	1.94E-05	1.29E-06	0.00E+00
594854.00	4172923.00	Offsite Worker	0.85317	0.02397	0.13512	0.08884	0.07694	0.07694	0.09921	0.03784	0.16712	2.02E-03	3.78E-04	0.00E+00	8.90E-06	1.94E-06	0.00E+00	4.32E-06	3.75E-07	0.00E+00
594874.00	4172923.00	Offsite Worker	0.85513	0.02481	0.11895	0.08405	0.07362	0.07362	0.09539	0.03612	0.15232	1.86E-03	3.63E-04	0.00E+00	8.42E-06	1.84E-06	0.00E+00	4.13E-06	3.91E-07	0.00E+00
594894.00	4172923.00	Offsite Worker	0.85724	0.02563	0.13084	0.08871	0.07795	0.07795	0.10075	0.0371	0.16686	1.93E-03	3.75E-04	0.00E+00	8.89E-06	1.95E-06	0.00E+00	4.36E-06	4.01E-07	0.00E+00
594914.00	4172923.00	Offsite Worker	0.85961	0.02648	0.14521	0.09426	0.08297	0.08297	0.10721	0.03868	0.18639	2.01E-03	3.88E-04	0.00E+00	9.45E-06	2.08E-06	0.00E+00	4.64E-06	4.16E-07	0.00E+00
595284.00	4172923.00	Offsite Worker	0.18076	0.046	6.4533	0.43007	0.35705	0.35705	0.34336	0.06336	5.52591	6.26E-03	6.74E-04	0.00E+00	4.30E-05	8.95E-06	0.00E+00	1.49E-05	6.88E-07	0.00E+00
595274.00	4172923.00	Offsite Worker	0.21104	0.0484	5.18208	0.38485	0.31656	0.31656	0.34755	0.0642	2.30727	7.11E-03	7.09E-04	0.00E+00	3.86E-05	7.93E-06	0.00E+00	1.50E-05	6.95E-07	0.00E+00
595294.00	4172923.00	Offsite Worker	0.24058	0.05099	3.83697	0.39533	0.32449	0.32449	0.37609	0.06671	1.86825	8.10E-03	7.47E-04	0.00E+00	3.96E-05	8.13E-06	0.00E+00	1.63E-05	7.22E-07	0.00E+00
595314.00	4172923.00	Offsite Worker	0.27672	0.05378	2.81073	0.40031	0.32823	0.32823	0.40421	0.06927	1.55965	9.32E-03	7.88E-04	0.00E+00	4.01E-05	8.22E-06	0.00E+00	1.75E-05	7.49E-07	0.00E+00
595334.00	4172923.00	Offsite Worker	0.32132	0.05682	2.16528	0.40178	0.32942	0.32942	0.43159	0.07202	1.37646	1.08E-02	8.32E-04	0.00E+00	4.03E-05	8.25E-06	0.00E+00	1.87E-05	7.79E-07	0.00E+00
595354.00	4172923.00	Offsite Worker	0.3711	0.05982	1.73738	0.39768	0.32618	0.32618	0.45745	0.07483	1.22622	1.25E-02	8.76E-04	0.00E+00	3.99E-05	8.17E-06	0.00E+00	1.98E-05	8.09E-07	0.00E+00
595374.00	4172923.00	Offsite Worker	0.42876	0.06301	1.4391	0.39195	0.3218	0.3218	0.47296	0.07715	1.06328	1.44E-02	9.23E-04	0.00E+00	3.93E-05	8.06E-06	0.00E+00	2.05E-05	8.35E-07	0.00E+00
595394.00	4172923.00	Offsite Worker	0.49231	0.06635	1.22695	0.38469	0.31625	0.31625	0.48792	0.07988	0.95639	1.66E-02	9.72E-04	0.00E+00	3.86E-05	7.92E-06	0.00E+00	2.11E-05	8.64E-07	0.00E+00
595414.00	4172923.00	Offsite Worker	0.55952	0.06986	1.06967	0.37653	0.31	0.31	0.49871	0.0827	0.87415	1.88E-02	1.02E-03	0.00E+00	3.77E-05	7.77E-06	0.00E+00	2.16E-05	8.95E-07	0.00E+00
595434.00	4172923.00	Offsite Worker	0.62975	0.07356	0.98094	0.34867	0.28651	0.28651	0.46088	0.08598	0.73728	2.47E-02	1.08E-03	0.00E+00	3.47E-05	7.16E-06	0.00E+00	1.98E-05	8.35E-07	0.00E+00
595494.00	4172923.00	Offsite Worker	0.76712	0.08472	0.73857	0.33564	0.27768	0.27768	0.4984	0.09341	0.71263	2.58E-02	1.24E-03	0.00E+00	3.36E-05	6.96E-06	0.00E+00	2.16E-05	1.01E-06	0.00E+00
595514.00	4172923.00	Offsite Worker	0.78731	0.08869	0.69949	0.32513	0.26921	0.26921	0.49035	0.09609	0.68902	2.65E-02	1.30E-03	0.00E+00	3.26E-05	6.75E-06	0.00E+00	2.12E-05	1.04E-06	0.00E+00
595534.00	4172923.00	Offsite Worker	0.7944	0.09275	0.66602	0.31492	0.2609	0.2609	0.48038	0.09881	0.65946	2.68E-02	1.36E-03	0.00E+00	3.16E-05	6.54E-06	0.00E+00	2.08E-05	1.07E-06	0.00E+00
595554.00	4172923.00	Offsite Worker	0.79385	0.0971	0.63584	0.30582	0.25352	0.25352	0.47032	0.10182	0.62552	2.67E-02	1.42E-03	0.00E+00	3.06E-05	6.35E-06	0.00E+00	2.04E-05	1.10E-06	0.00E+00
595574.00	4172923.00	Offsite Worker	0.78182	0.10128	0.60296	0.29627	0.2457	0.2457	0.45785	0.10467	0.59815	2.63E-02	1.48E-03	0.00E+00	2.97E-05	6.16E-06	0.00E+00	1.98E-05	1.13E-06	0.00E+00
595594.00	4172923.00	Offsite Worker	0.76283	0.10547	0.56934	0.28691	0.23799	0.23799	0.44434	0.10731	0.54634	2.57E-02	1.55E-03	0.00E+00	2.88E-05	5.96E-06	0.00E+00	1.92E-05	1.16E-06	0.00E+00
595614.00	4172923.00	Offsite Worker	0.74152	0.10977	0.53761	0.27837	0.23093	0.23093	0.43114	0.11013	0.50937	2.50E-02	1.61E-03	0.00E+00	2.79E-05	5.79E-06	0.00E+00	1.87E-05	1.19E-06	0.00E+00
595634.00	4172923.00	Offsite Worker	0.71535	0.11388	0.50599	0.26974	0.22376	0.22376	0.41687	0.11272	0.47399	2.41E-02	1.67E-03	0.00E+00	2.70E-05	5.61E-06	0.00E+00	1.80E-05	1.22E-06	0.00E+00
595314.00	4172943.00	Offsite Worker	0.34842	0.05777	2.62735	0.35079	0.28733	0.28733	0.38649	0.06644	2.34613	8.45E-03	7.58E-04	0.00E+00	3.52E-05	7.26E-06	0.00E+00	1.67E-05	7.34E-07	0.00E+00
595334.00	4172943.00	Offsite Worker	0.2876	0.0545	1.9765	0.35337	0.28925	0.28925	0.38646	0.06881	1.17763	9.69E-03	7.98E-04	0.00E+00	3.54E-05	7.25E-06	0.00E+00	1.67E-05	7.44E-07	0.00E+00
595354.00	4172943.00	Offsite Worker	0.33018	0.05735	1.57434	0.35302	0.28898	0.28898	0.4071	0.07123	1.04337	1.11E-02	8.40E-04	0.00E+00	3.54E-05	7.24E-06	0.00E+00	1.76E-05	7.71E-07	0.00E+00
595374.00	4172943.00	Offsite Worker	0.37797	0.0603	1.30435	0.35023	0.28687	0.28687	0.42459	0.07367	0.93488	1.27E-02	8.83E-04	0.00E+00	3.51E-05	7.19E-06	0.00E+00	1.84E-05	7.97E-07	0.00E+00
595394.00	4172943.00	Offsite Worker	0.43082	0.0634	1.11448	0.34823	0.28523	0.28523	0.44293	0.07587	0.84869	1.46E-02	9.23E-04	0.00E+00	3.47E-05	7.11E-06	0.00E+00	1.94E-05	8.25E-07	0.00E+00
595414.00	4172943.00	Offsite Worker	0.48464	0.06653	0.97177	0.34023	0.27938	0.27938	0.44903	0.0787	0.77837	1.63E-02	9.75E-04	0.00E+00	3.41E-05	7.00E-06	0.00E+00	1.94E-05	8.51E-07	0.00E+00
595434.00	4172943.00	Offsite Worker	0.53806	0.06978	0.86424	0.33349	0.27422	0.27422	0.4555	0.0812	0.72402	1.81E-02	1.02E-03	0.00E+00	3.34E-05	6.87E-06	0.00E+00	1.97E-05	8.78E-07	0.00E+00
595454.00	4172943.00	Offsite Worker	0.58721	0.07315	0.782	0.32602	0.26846	0.26846	0.45842	0.08369	0.68292	1.98E-02	1.07E-03	0.00E+00	3.27E-05	6.73E-06	0.00E+00	1.98E-05	9.05E-07	0.00E+00
595514.00	4172943.00	Offsite Worker	0.68171	0.08385	0.6335	0.30162	0.24925	0.24925	0.44963	0.09117	0.60547	2.30E-02	1.23E-03	0.00E+00	3.02E-05	6.25E-06	0.00E+00	1.95E-05	9.86E-07	0.00E+00
595534.00	4172943.00	Offsite Worker	0.72695	0.08712	0.2932	0.29201	0.24102	0.24102	0.44084	0.09403	0.56015	2.33E-02	1.28E-03	0.00E+00	2.94E-05	6.08E-06	0.00E+00	1.91E-05	1.01E-06	0.00E+00
595554.00	4172943.00	Offsite Worker	0.69411	0.09136	0.57218	0.28509	0.23597	0.23597	0.43321	0.09625	0.55252	2.34E-02	1.34E-03	0.00E+00	2.88E-05	5.91E-06	0.00E+00	1.87E-05	1.04E-06	0.00E+00
595574.00	4172943.00	Offsite Worker	0.68712	0.09509	0.54279	0.27667	0.22912	0.22912	0.42246	0.09869	0.52123	2.31E-02	1.39E-03	0.00E+00	2.77E-05	5.74E-06	0.00E+00	1.83E-05	1.07E-06	0.00E+00
595594.00	4172943.00	Offsite Worker	0.6764	0.099	0.51526	0.26898	0.22284	0.22284	0.41177	0.1013	0.49077	2.28E-02	1.45E-03	0.00E+00	2.70E-05	5.58E-06	0.00E+00	1.78E-05	1.10E-06	0.00E+00
595614.00	4172943.00	Offsite Worker	0.66183	0.10295	0.48879	0.26162	0.2168	0.2168	0.40093	0.10393	0.47161	2.23E-02	1.51E-03	0.00E+00	2.63E-05	5.43E-06	0.00E+00	1.74E-05	1.13E-06	0.00E+00
595634.00	4172943.00	Offsite Worker	0.64237	0.10671	0.46214	0.25399	0.21049	0.21049	0.38835	0.10833	0.43292	2.16E-02	1.56E-03	0.00E+00	2.55E-05	5.27E-06	0.00E+00	1.68E-05	1.15E-06	0.00E+00
595314.00	4172963.00	Offsite Worker	0.22818	0.04981	2.14835	0.30951	0.2533	0.2533	0.32831	0.06367	1.12344	7.69E-03	7.30E-04	0.00E+00	3.10E-05	6.35E-06	0.00E+00	1.42E-05	6.89E-07	0.00E+00
595334.00	4172963.00	Offsite Worker	0.26048	0.05245	1.67702	0.31436	0.25707	0.25707	0.34932	0.06602	1.00548	8.77E-03	7.68E-04	0.00E+00	3.15E-05	6.44E-06	0.00E+00	1.51E-05	7.14E-07	0.00E+00
595354.00	4172963.00	Offsite Worker	0.29634	0.05507	1.38095	0.31561	0.25799	0.25799	0.36747	0.06823	0.904	9.98E-03	8.07E-04	0.00E+00	3.16E-05	6.46E-06	0.00E+00	1.59E-05	7.36E-07	0.00E+00
595374.00	4172963.00	Offsite Worker	0.33842	0.05778	1.14336	0.31482	0.2574	0.2574	0.38334	0.07047	0.81869	1.13E-02	8.46E-04	0.00E+00	3.16E-05	6.46E-06	0.00E+00	1.66E-05	7.62E-07	0.00E+00
595394.00	4172963.00	Offsite Worker	0.37971	0.06057	0.98575	0.31237	0.25558	0.25558	0.39635	0.07274	0.74986	1.28E-02	8.87E-04	0.00E+00	3.13E-05	6.40E-06	0.00E+00	1.72E-05	7.87E-07	0.00E+00
595414.00	4172963.00	Offsite Worker	0.42443	0.06344	0.86708	0.30855	0.25274	0.25274	0.40615	0.07501	0.69249	1.43E-02	9.29E-04	0.00E+00	3.09E-05	6.33E-06	0.00E+00	1.76E-05	8.11E-07	0.00E+00
595434.00	4172963.00	Offsite Worker	0.46891	0.06644	0.77657	0.30395	0.2493	0.2493	0.41298	0.07732	0.64684	1.58E-02	9.73E-04	0.00E+00	3.05E-05	6.25E-06	0.00E+00	1.73E-05	8.36E-07	0.00E+00
595454.00	4172963.00	Offsite Worker	0.51055	0.06983	0.6955	0.29836	0.24506	0.24506	0.41566	0.07957	0.61026	1.72E-02	1.02E-03	0.00E+00	2.99E-05	6.14E-06	0.00E+00	1.80E-05	8.57E-07	0.00E+00
595474.00	4172963.00	Offsite Worker	0.54447	0.07256	0.64896	0.29188	0.24005	0.24005	0.41687	0.08172	0.58057	1.83E-02	1.06E-03	0.00E+00	2.93E-05	6.01E-06	0.00E+00	1.80E-05	8.84E-07	0.00E+00
595494.00	4172963.00	Offsite Worker	0.5735	0.07588	0.60676	0.28587	0.23544	0.23544	0.41573	0.08409	0.55817	1.93E-02	1.11E-03	0.00E+00	2.87E-05	5.90E-06	0.00E+00	1.80E-05	9.10E-07	0.00E+00
595514.00	4172963.00	Offsite Worker	0.59389	0.07924	0.57226	0.27937	0.23037	0.23037	0.41214	0.08641	0.53738	2.00E-02	1.16E-03	0.00E+00	2.80E-05	5.77E-06	0.00E+00	1.78E-05	9.35E-07	0.00E+00
595554.00	4172963.00	Offsite Worker	0.61095	0.0861	0.51691	0.26591	0.2197	0.2197	0.39966	0.09109	0.49328	2.06E-02	1.26E-03	0.00E+00	2.66E-05	5.50E-06	0.00E+00	1.73E-05	9.85E-07	0.00E+00
595574.00	4172963.00	Offsite Worker	0.60027	0.08958	0.49204	0.25908	0.2142	0.2142	0.39135	0.09342	0.46877	2.05E-02	1.31E-03	0.00E+00	2.58E-05	5.33E-06	0.00E+00	1.68E-05	1.02E-06	0.00E+00
595594.00	4172963.00	Offsite Worker	0.6028	0.09311	0.46828	0.25241	0.2088	0.2088	0.38229	0.09579	0.44398	2.03E-02	1.36E-03	0.00E+00	2.53E-05	5.23E-06	0.00E+00	1.65E-05	1.04E-06	0.00E+00
595614.00	4172963.00	Offsite Worker	0.59312	0.09673	0.44582	0.24607	0.20364	0.20364	0.37293	0.09823	0.42012	2.00E-02	1.42E-03	0.00E+00	2.47E-05	5.10E-06	0.00E+00	1.61E-05	1.06E-06	0.00E+00
595314.00	4172983.00	Offsite Worker	0.2089	0.04801	1.64433	0.27573	0.2255	0.2255	0.29839	0.06114	0.9397	7.04E-03	7.03E-04	0.00E+00	2.76E-05	5.65E-06	0.00E+00	1.29E-05	6.61E-07	0.00E+00
595334.00	4172983.00	Offsite Worker	0.23658	0.05044	1.35262	0.28103	0.2296	0.2296	0.31671	0.06373	0.85961	7.97E-03	7.39E-04	0.00E+00	2.82E-05	5.75E-06	0.00E+00	1.46E-05	6.95E-07	0.00E+00
595354.00	4172983.00	Offsite Worker	0.26749	0.05289	1.13733	0.28367	0.23162	0.23162	0.33316	0.06538	0.7825	9.01E-03	7.75E-04	0.00E+00	2.84E-05	5.80E-06	0.00E+00	1.44E-05	7.07E-07	0.00E+00
595374.00	4172983.00	Offsite Worker	0.30151	0.0554	0.97805	0.28429	0.23209	0.23209	0.3476	0.06745	0.71816	1.02E-02	8.12E-04	0.00E+00	2.85E-05	5.82E-06	0.00E+00	1.50E-05	7.30E-07	0.00E+00
595394.00	4172983.00	Offsite Worker	0.33822	0

Construction Ground Level Concentrations

Annual Average Emission Rate (g/s):

	Offroad Equipment			Delivery Trucks			Truck Idling		
	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
3rd Tri	3.37E-02	1.46E-02	0.00E+00	1.00E-04	2.51E-05	0.00E+00	4.33E-05	1.08E-05	0.00E+00
0 < 2	2.19E-03	1.16E-02	0.00E+00	5.47E-06	2.74E-05	0.00E+00	2.36E-06	1.18E-05	0.00E+00
2 < 16	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.04E-06

			AERMOD Concentration (ug/m^3) @ 1 g/s									3rd Tri GLC Concentration (ug/m^3)									0<2 Years GLC Concentration (ug/m^3)									2<16 Years GLC Concentration (ug/m^3)								
Receptor			Offroad Equipment			Delivery Trucks			Truck Idling			Offroad Equipment			Delivery Trucks			Truck Idling			Offroad Equipment			Delivery Trucks			Truck Idling			Offroad Equipment			Delivery Trucks			Truck Idling		
X	Y	Rec Group ID	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
595514.00	4173003.00	Offsite Worker	0.46235	0.07113	0.4668	0.24067	0.1975	0.1975	0.34897	0.078	0.43427	1.56E-02	1.04E-03	0.00E+00	2.41E-05	4.95E-06	0.00E+00	1.51E-05	8.44E-07	0.00E+00	1.01E-03	8.22E-04	0.00E+00	1.32E-06	5.42E-06	0.00E+00	8.25E-07	9.24E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	1.32E-06
595534.00	4173003.00	Offsite Worker	0.47482	0.07396	0.4444	0.23636	0.1942	0.1942	0.34616	0.07995	0.41832	1.60E-02	1.08E-03	0.00E+00	2.37E-05	4.87E-06	0.00E+00	1.50E-05	8.65E-07	0.00E+00	1.04E-03	8.55E-04	0.00E+00	1.29E-06	5.33E-06	0.00E+00	8.18E-07	9.47E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	1.27E-06
595554.00	4173003.00	Offsite Worker	0.48251	0.07686	0.42468	0.2319	0.19077	0.19077	0.34211	0.08194	0.40236	1.63E-02	1.13E-03	0.00E+00	2.32E-05	4.78E-06	0.00E+00	1.48E-05	8.86E-07	0.00E+00	1.06E-03	8.88E-04	0.00E+00	1.27E-06	5.24E-06	0.00E+00	8.09E-07	9.71E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	1.22E-06
595574.00	4173003.00	Offsite Worker	0.48461	0.07968	0.40548	0.22685	0.1868	0.1868	0.3363	0.08381	0.3851	1.63E-02	1.17E-03	0.00E+00	2.27E-05	4.68E-06	0.00E+00	1.46E-05	9.07E-07	0.00E+00	1.06E-03	9.21E-04	0.00E+00	1.24E-06	5.13E-06	0.00E+00	7.95E-07	9.93E-07	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	1.17E-06
595594.00	4173003.00	Offsite Worker	0.48415	0.08268	0.38854	0.22228	0.18319	0.18319	0.33038	0.08588	0.3685	1.63E-02	1.21E-03	0.00E+00	2.23E-05	4.59E-06	0.00E+00	1.43E-05	9.29E-07	0.00E+00	1.06E-03	9.56E-04	0.00E+00	1.22E-06	5.03E-06	0.00E+00	7.81E-07	1.02E-06	0.00E+00	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	1.12E-06
595294.00	4173023.00	Offsite Worker	0.15903	0.04265	1.02838	0.21639	0.17717	0.17717	0.23519	0.05473	0.70329	5.36E-03	6.25E-04	0.00E+00	2.17E-05	4.44E-06	0.00E+00	1.02E-05	5.92E-07	0.00E+00	3.48E-04	4.93E-04	0.00E+00	1.18E-06	4.86E-06	0.00E+00	5.56E-07	6.48E-07	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.14E-06
595314.00	4173023.00	Offsite Worker	0.17706	0.04466	0.94356	0.22321	0.18234	0.18234	0.24953	0.05648	0.66506	5.96E-03	6.54E-04	0.00E+00	2.24E-05	4.57E-06	0.00E+00	1.08E-05	6.11E-07	0.00E+00	3.87E-04	5.16E-04	0.00E+00	1.22E-06	5.00E-06	0.00E+00	5.90E-07	6.69E-07	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.02E-06
595334.00	4173023.00	Offsite Worker	0.198	0.04676	0.85569	0.22873	0.1866	0.1866	0.26384	0.05831	0.6272	6.67E-03	6.85E-04	0.00E+00	2.29E-05	4.68E-06	0.00E+00	1.14E-05	6.31E-07	0.00E+00	4.33E-04	5.41E-04	0.00E+00	1.25E-06	5.12E-06	0.00E+00	6.24E-07	6.91E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	1.91E-06
595354.00	4173023.00	Offsite Worker	0.22122	0.04888	0.77247	0.23254	0.18953	0.18953	0.27713	0.06012	0.58959	7.45E-03	7.16E-04	0.00E+00	2.33E-05	4.75E-06	0.00E+00	1.20E-05	6.50E-07	0.00E+00	4.84E-04	5.65E-04	0.00E+00	1.27E-06	5.20E-06	0.00E+00	6.55E-07	7.12E-07	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	1.79E-06
595374.00	4173023.00	Offsite Worker	0.24642	0.05104	0.69915	0.23481	0.19129	0.19129	0.28915	0.06193	0.55402	8.30E-03	7.48E-04	0.00E+00	2.35E-05	4.79E-06	0.00E+00	1.25E-05	6.70E-07	0.00E+00	5.39E-04	5.90E-04	0.00E+00	1.29E-06	5.25E-06	0.00E+00	6.83E-07	7.34E-07	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	1.68E-06
595394.00	4173023.00	Offsite Worker	0.27321	0.05324	0.63689	0.23583	0.19209	0.19209	0.29966	0.06375	0.52169	9.20E-03	7.80E-04	0.00E+00	2.36E-05	4.81E-06	0.00E+00	1.30E-05	6.90E-07	0.00E+00	5.98E-04	6.15E-04	0.00E+00	1.29E-06	5.27E-06	0.00E+00	7.08E-07	7.55E-07	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	1.59E-06
595414.00	4173023.00	Offsite Worker	0.30075	0.05551	0.58441	0.23575	0.19207	0.19207	0.30835	0.06557	0.49286	1.01E-02	8.13E-04	0.00E+00	2.36E-05	4.81E-06	0.00E+00	1.33E-05	7.09E-07	0.00E+00	6.58E-04	6.42E-04	0.00E+00	1.29E-06	5.27E-06	0.00E+00	7.29E-07	7.77E-07	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	1.50E-06
595434.00	4173023.00	Offsite Worker	0.32748	0.05777	0.53904	0.2344	0.19105	0.19105	0.31468	0.06729	0.46666	1.10E-02	8.46E-04	0.00E+00	2.35E-05	4.79E-06	0.00E+00	1.36E-05	7.28E-07	0.00E+00	7.17E-04	6.68E-04	0.00E+00	1.28E-06	5.24E-06	0.00E+00	7.44E-07	7.97E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	1.42E-06
595454.00	4173023.00	Offsite Worker	0.35323	0.06014	0.5019	0.23256	0.18972	0.18972	0.3193	0.06906	0.44461	1.19E-02	8.81E-04	0.00E+00	2.33E-05	4.75E-06	0.00E+00	1.38E-05	7.47E-07	0.00E+00	7.73E-04	6.95E-04	0.00E+00	1.27E-06	5.21E-06	0.00E+00	7.55E-07	8.18E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	1.35E-06
595474.00	4173023.00	Offsite Worker	0.3765	0.06256	0.47071	0.23014	0.18794	0.18794	0.32202	0.07081	0.42556	1.27E-02	9.16E-04	0.00E+00	2.31E-05	4.71E-06	0.00E+00	1.39E-05	7.66E-07	0.00E+00	8.24E-04	7.23E-04	0.00E+00	1.26E-06	5.16E-06	0.00E+00	7.61E-07	8.39E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	1.29E-06
595494.00	4173023.00	Offsite Worker	0.39671	0.06508	0.44491	0.22741	0.18595	0.18595	0.32318	0.0726	0.4093	1.34E-02	9.53E-04	0.00E+00	2.28E-05	4.66E-06	0.00E+00	1.40E-05	7.85E-07	0.00E+00	8.68E-04	7.52E-04	0.00E+00	1.24E-06	5.10E-06	0.00E+00	7.64E-07	8.60E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	1.24E-06
595514.00	4173023.00	Offsite Worker	0.4126	0.06759	0.42229	0.22408	0.18345	0.18345	0.32249	0.07432	0.39418	1.39E-02	9.90E-04	0.00E+00	2.25E-05	4.60E-06	0.00E+00	1.40E-05	8.04E-07	0.00E+00	9.03E-04	7.81E-04	0.00E+00	1.23E-06	5.03E-06	0.00E+00	7.62E-07	8.81E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	1.20E-06
595534.00	4173023.00	Offsite Worker	0.42464	0.07018	0.40313	0.22063	0.18086	0.18086	0.3206	0.0761	0.38031	1.43E-02	1.03E-03	0.00E+00	2.21E-05	4.53E-06	0.00E+00	1.39E-05	8.23E-07	0.00E+00	9.29E-04	8.11E-04	0.00E+00	1.21E-06	4.96E-06	0.00E+00	7.58E-07	9.02E-07	0.00E+00	0.00E+00	0.00E+00	9.63E-04	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	1.16E-06
595554.00	4173023.00	Offsite Worker	0.43252	0.0728	0.38596	0.21691	0.17802	0.17802	0.31744	0.07789	0.36652	1.46E-02	1.07E-03	0.00E+00	2.17E-05	4.46E-06	0.00E+00	1.37E-05	8.43E-07	0.00E+00	9.46E-04	8.42E-04	0.00E+00	1.19E-06	4.89E-06	0.00E+00	7.50E-07	9.23E-07	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	1.11E-06
595574.00	4173023.00	Offsite Worker	0.43636	0.07543	0.36997	0.21292	0.17494	0.17494	0.31308	0.07967	0.35232	1.47E-02	1.10E-03	0.00E+00	2.13E-05	4.38E-06	0.00E+00	1.35E-05	8.62E-07	0.00E+00	9.55E-04	8.72E-04	0.00E+00	1.17E-06	4.80E-06	0.00E+00	7.40E-07	9.44E-07	0.00E+00	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.07E-06
595594.00	4173023.00	Offsite Worker	0.43769	0.07821	0.35572	0.20917	0.17202	0.17202	0.30839	0.0816	0.33854	1.47E-02	1.15E-03	0.00E+00	2.10E-05	4.31E-06	0.00E+00	1.33E-05	8.83E-07	0.00E+00	9.58E-04	9.04E-04	0.00E+00	1.14E-06	4.72E-06	0.00E+00	7.29E-07	9.67E-07	0.00E+00	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.03E-06
595294.00	4173043.00	Offsite Worker	0.14821	0.04127	0.766	0.1965	0.16084	0.16084	0.21722	0.05278	0.58747	4.99E-03	6.05E-04	0.00E+00	1.97E-05	4.03E-06	0.00E+00	9.40E-06	5.71E-07	0.00E+00	3.24E-04	4.77E-04	0.00E+00	1.08E-06	4.41E-06	0.00E+00	5.13E-07	6.25E-07	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.79E-06
595314.00	4173043.00	Offsite Worker	0.16417	0.04314	0.73253	0.20289	0.16566	0.16566	0.22986	0.0544	0.56481	5.53E-03	6.32E-04	0.00E+00	2.03E-05	4.15E-06	0.00E+00	9.95E-06	5.88E-07	0.00E+00	3.59E-04	4.99E-04	0.00E+00	1.11E-06	4.55E-06	0.00E+00	5.43E-07	6.45E-07	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	1.72E-06
595334.00	4173043.00	Offsite Worker	0.18257	0.04509	0.6885	0.20827	0.1698	0.1698	0.24255	0.05609	0.54053	6.15E-03	6.61E-04	0.00E+00	2.09E-05	4.25E-06	0.00E+00	1.05E-05	6.07E-07	0.00E+00	4.00E-04	5.21E-04	0.00E+00	1.14E-06	4.66E-06	0.00E+00	5.73E-07	6.65E-07	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	1.64E-06
595354.00	4173043.00	Offsite Worker	0.20277	0.04706	0.63972	0.21216	0.17281	0.17281	0.25438	0.05776	0.51445	6.83E-03	6.89E-04	0.00E+00	2.13E-05	4.33E-06	0.00E+00	1.10E-05	6.25E-07	0.00E+00	4.44E-04	5.44E-04	0.00E+00	1.16E-06	4.74E-06	0.00E+00	6.01E-07	6.84E-07	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	1.56E-06
595374.00	4173043.00	Offsite Worker	0.22467	0.04906	0.59267	0.21484	0.17488	0.17488	0.26531	0.05944	0.48876	7.57E-03	7.19E-04	0.00E+00	2.15E-05	4.38E-06	0.00E+00	1.15E-05	6.43E-07	0.00E+00	4.92E-04	5.67E-04	0.00E+00	1.18E-06	4.80E-06	0.00E+00	6.27E-07	7.04E-07	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.49E-06
595394.00	4173043.00	Offsite Worker	0.24784	0.0511	0.5496	0.21638	0.17608	0.17608	0.27501	0.06113	0.46439	8.35E-03	7.49E-04	0.00E+00	2.17E-05	4.41E-06	0.00E+00	1.19E-05	6.61E-07	0.00E+00	5.42E-04	5.91E-04	0.00E+00	1.18E-06	4.83E-06	0.00E+00	6.50E-07	7.24E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	1.41E-06
595414.00	4173043.00	Offsite Worker	0.27127	0.05315	0.5104	0.21669	0.17631	0.17631	0.28295	0.06276	0.44125	9.14E-03	7.79E-04	0.00E+00	2.17E-05	4.42E-06	0.00E+00	1.22E-05	6.79E-07	0.00E+00	5.94E-04	6.14E-04	0.00E+00	1.19E-06	4.84E-06	0.00E+00	6.69E-07	7.44E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	1.34E-06
595434.00	4173043.00	Offsite Worker	0.29459	0.05525	0.47635	0.21619	0.17594	0.17594	0.28925	0.06438	0.42047	9.92E-03	8.09E-04	0.00E+00	2.17E-05	4.41E-06	0.00E+00	1.25E-05	6.96E-07	0.00E+00	6.45E-04	6.39E-04	0.00E+00	1.18E-06	4.83E-06	0.00E+00	6.84E-07	7.63E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	1.28E-06
595454.00	4173043.00	Offsite Worker	0.31693	0.05743	0.44713	0.21505	0.17511	0.17511	0.29389	0.066	0.40215	1.07E-02	8.41E-04	0.00E+00	2.16E-05	4.39E-06	0.00E+00	1.27E-05	7.14E-07	0.00E+00	6.94E-04	6.64E-04	0.00E+00	1.18E-06	4.81E-06	0.00E+00	6.95E-07	7.82E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.22E-06
595474.00	4173043.00	Offsite Worker	0.33735	0.05966	0.422	0.21333	0.17387	0.17387	0.29685	0.06761	0.38599	1.14E-02	8.74E-04	0.00E+00	2.14E-05	4.36E-06	0.00E+00	1.28E-05	7.31E-07	0.00E+00	7.38E-04	6.90E-04	0.00E+00	1.17E-06	4.77E-06	0.00E+00	7.02E-07	8.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	1.17E-06
595494.00	4173043.00	Offsite Worker	0.35558	0.06199	0.40116	0.21144	0.17251	0.17251	0.29857	0.06929	0.37224	1.20E-02	9.08E-04	0.00E+00	2.12E-05	4.32E-06	0.00E+00	1.29E-05	7.50E-07	0.00E+00	7.78E-04	7.17E-04	0.00E+00	1.16E-06	4.73E-06	0.00E+00	7.06E-07	8.21E-07	0.00E+00	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	1.13E-06
595514.00	4173043.00	Offsite Worker	0.37014	0.06429	0.38223	0.20885	0.17059	0.17059	0.2985	0.07086	0.35909	1.25E-02	9.42E-04	0.00E+00	2.09E-05	4.27E-06	0.00E+00	1.29E-05	7.67E-07	0.00E+00	8.10E-04	7.43E-04	0.00E+00	1.14E-06	4.68E-06	0.00E+00	7.05E-07	8.40E-07	0.00E+00	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	1.09E-06
595534.00	4173043.00	Offsite Worker	0.38134	0.06663	0.36566	0.20596	0.16845	0.16845	0.29717	0.07245	0.34682	1.28E-02	9.76E-04	0.00E+00	2.06E-05	4.22E-06	0.00E+00	1.29E-05	7.84E-07	0.00E+00	8.34E-04	7.70E-04	0.00E+00	1.13E-06	4.62E-06	0.00E+00	7.02E-07	8.58E-07	0.00E+00	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.05E-06
595554.00	4173043.00	Offsite Worker	0.38953	0.06905	0.35132	0.20305	0.16628	0.16628	0.29499	0.07412	0.33523	1.31E-02	1.01E-03	0.00E+00	2.03E-05	4.17E-06	0.00E+00	1.28E-05	8.02E-07	0.00E+00	8.52E-04	7.98E-04	0.00E+00	1.11E-06	4.56E-06	0.00E+00	6.97E-07	8.78E-07	0.00E+00	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	1.02E-06
595574.00	4173043.00	Offsite Worker	0.39461	0.07152	0.33823	0.20001	0.16396	0.16396	0.29191	0.07583	0.3236	1.33E-02	1.05E-03	0.00E+00	2.00E-05	4.11E-06	0.00E+00	1.26E-05	8.20E-07	0.00E+00	8.64E-04	8.27E-04	0.00E+00	1.09E-06	4.50E-06	0.00E+00	6.90E-07	8.98E-07	0.00E+00	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	9.84E-07
595294.00	4173063.00	Offsite Worker	0.13845	0.03995	0.58812	0.17936	0.14678	0.14678	0.20118	0.05092	0.49524	4.66E-03	5.85E-04	0.00E+00	1.80E-05	3.68E-06	0.00E+00	8.71E-06	5.51E-07	0.00E+00	3.03E-04	4.62E-04	0.00E+00	9.82E-07	4.03E-06	0.00E+00	4.75E-07	6.03E-07	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.51E-06
595314.00	4173063.00	Offsite Worker	0.15276	0.04171	0.57974	0.18543	0.15135	0.15135	0.21255	0.05245	0.48304	5.15E-03	6.11E-04	0.00E+00	1.86E-05	3.79E-06	0.00E+00	9.20E-06	5.67E-07	0.00E+00	3.34E-04	4.82E-04	0.00E+00	1.02E-06	4.15E-06	0.00E+00	5.02E-07	6.21E-07	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	1.47E-06
595334.00	4173063.00	Offsite Worker	0.16891	0.04351	0.55952	0.1905	0.15523	0.15523	0.22373	0.05399	0.46774	5.69E-03	6.37E-04	0.00E+00	1.91E-05	3.89E-06	0.00E+00	9.68E-06	5.84E-07	0.00E+00	3.70E-04	5.03E-04	0.00E+00	1.04E-06	4.26E-06	0.00E+00	5.29E-07	6.40E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	1.42E-06
595354.00	4173063.00	Offsite Worker	0.18664	0.04534	0.5329	0.19443	0.15828	0.15828	0.23436	0.05554	0.45036	6.29E-03	6.64E-04	0.00E+00	1.95E-05	3.97E-06	0.00E+00	1.01E-05	6.01E-07	0.00E+00	4.08E-04	5.24E-04	0.00E+00	1.06E-06	4.34E-06	0.00E+00	5.54E-07	6.58E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.37E-06
595374.00	4173063.00	Offsite Worker	0.20573	0.04719	0.5039	0.19727	0.16047	0.16047	0.24423	0.05709	0.43211	6.93E-03	6.91E-04	0.00E+00	1.98E-05	4.02E-06	0.00E+00	1.06E-05	6.18E-07	0.00E+00	4.50E-04	5.46E-04	0.00E+00	1.08E-06	4.40E-06	0.00E+00	5.77E-07	6.76E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	1.31E-06
595394.00	4173063.00	Offsite Worker	0.2255	0.04903	0.47411	0.1989	0.16169	0.16169	0.25285	0.05859	0.41329	7.60E-03	7.18E-04	0.00E+00	1.99E-05	4.05E-06	0.00E+00	1.09E-05	6.34E-07	0.00E+00	4.93E-04	5.67E-04	0.00E+00	1.09E-06	4.44E-06	0.00E+00	5.98E-07	6.94E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	1.26E-06
595414.00	4173063.00	Offsite Worker	0.24584	0.05091	0.44626	0.19967	0.16228	0.16228	0.26029	0.06009	0.39545	8.28E-03	7.46E-04	0.00E+00	2.00E-05	4.07E-06	0.00E+00	1.13E-05	6.50E-07	0.00E+00	5.38E-04	5.89E-04	0.00E+00	1.09E-06	4.45E-06	0.00E+00	6.15E-07	7.12E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	1.20E-06
595434.00	4173063.00	Offsite Worker	0.26625	0.05287	0.42122	0.19978	0.16237	0.16237	0.26646	0.06161	0.37918	8.97E-03	7.75E-04	0.00E+00	2.00E-05	4.07E-06	0.00E+00	1.15E-05	6.66E-07	0.00E+00	5.83E-04	6.11E-04	0.00E+00	1.09E-06	4.46E-06	0.00E+00	6.30E-07	7.30E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	1.15E-06
595454.00	4173063.00	Offsite Worker	0.28615	0.05493	0.39941	0.19943	0.16215	0.16215	0.27133	0.06318	0.36482	9.64E-03	8.05E-04	0.00E+00	2.00E-05	4.06E-06	0.00E+00	1.17E-05	6.83E-07	0.00E+00	6.26E-04	6.35E-04	0.00E+00	1.09E-06	4.45E-06	0.00E+00	6.41E-07	7.49E-07	0.00E+00	0.00E+00	0.00E+00	9.54E-04	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	1.11E-06
595474.00	4173063.00	Offsite Worker	0.3044	0.05701	0.37982	0.19844	0.16146	0.16146	0.27462	0.0647	0.35164	1.03E-02	8.35E-04	0.00E+00	1.99E-05	4.05E-06	0.00E+00	1.19E-05	7.00E-07	0.00E+00	6.66E-04	6.59E-04	0.00E+00	1.09E-06	4.43E-06	0.00E+00	6.49E-07	7.67E-07	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	1.07E-06
595494.00	4173063.00	Offsite Worker	0.32084	0.05917	0.36306	0.19719	0.16059	0.16059	0.27673	0.06627	0.34009	1.08E-02	8.67E-04	0.00E+00	1.98E-05	4.02E-06	0.00E+00	1.20E-05	7.17E-07	0.00E+00	7.02E-04	6.84E-04	0.00E+00	1.08E-06	4.41E-06	0.00E+00	6.54E-07	7.85E-07	0.00E+00	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	1.03E-06
595514.00	4173063.00	Offsite Worker	0.33417	0.06128	0.34726	0.19519	0.15912	0.15912	0.27714	0.06771	0.32872	1.13E-02	8.98E-04	0.00E+00	1.96E-05	3.99E-06	0.00E+00	1.20E-05	7.32E-07	0.00E+00	7.31E-04	7.08E-04	0.00E+00	1.07E-06	4.37E-06	0.00E+00	6.55E-07	8.02E-07	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	1.00E-06
595534.00	4173063.00	Offsite Worker	0.34457	0.06339	0.33298	0.19279	0.15734	0.15734	0.27627	0.06913	0.31789	1.16E-02	9.29E-04	0.00E+00	1.93E-05	3.94E-06	0.00E+00	1.20E-05	7.48E-07	0.00E+00	7.54E-04	7.33E-04	0.00E+00	1.06E-06	4.32E-06	0.00E+00	6.53E-07	8.19E-07	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	9.67E-07
595554.00	4173063.00	Offsite Worker	0.35272	0.06562	0.32089	0.19049	0.15564	0.15564	0.27482	0.07067	0.30801	1.19E-02	9.61E-04	0.00E+00	1.91E-05	3.90E-06	0.00E+00	1.19E-05	7.65E-07	0.00E+00	7.72E-04	7.59E-04	0.00E+00	1.04E-06	4.27E-06	0.00E+00	6.49E-07	8.37E-07	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	9.37E-07
595574.00	4173063.00	Offsite Worker	0.35778	0.06784	0.30932	0.1878	0.15362	0.15362	0.27221	0.07218	0.29778	1.21E-02	9.94E-04	0.00E+00	1.88E-05	3.85E-06	0.00E+00	1.18E-05	7.81E-07	0.00E+00	7.83E-04	7.84E-04	0.00E+00	1.03E-06	4.22E-06	0.00E+00	6.43E-07	8.55E-07	0.00E+00	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	9.06E-07
595354.00	4173083.00	Offsite Worker	0.17233	0.04369	0.44678	0.17881	0.14545	0.14545	0.21651	0.05343	0.39546	5.80E-03	6.40E-04	0.00E+00	1.79E-05	3.64E-06	0.00E+00	9.37E-06	5.78E-07	0.00E+00	3.77E-04	5.05E-04	0.00E+00	9.79E-07	3.99E-06	0.00E+00	5.12E-07	6.33E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.20E-06
595374.00	4173083.00	Offsite Worker	0.18877	0.04537	0.429	0.18152	0.14753	0.14753	0.22519	0.0548	0.38213	6.36E-03	6.65E-04	0.00E+00	1.82E-05	3.70E-06	0.00E+00	9.74E-06	5.93E-07	0.00E+00	4.13E-04	5.24E-04	0.00E+00	9.94E-07	4.05E-06	0.00E+00	5.32E-07	6.49E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	1.16E-06
595394.00	4173083.00	Offsite Worker	0.20604	0.04707	0.40988	0.18335	0.14895	0.14895	0.23311	0.05618	0.36838	6.94E-03	6.90E-04	0.00E+00	1.84E-05	3.73E-06	0.00E+00	1.01E-05	6.08E-07	0.00E+00	4.51E-04	5.44E-04	0.00E+00	1.00E-06	4.09E-06	0.00E+00	5.51E-07	6.66E-07	0.00E+00	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	1.12E-06
595414.00	4173083.00	Offsite Worker	0.22392	0.04882	0.39104	0.18452	0.14984	0.14984	0.24016	0.05759	0.35505	7.54E-03	7.15E-04	0.00E+00	1.85E-05	3.75E-06	0.00E+00	1.04E-05	6.23E-07	0.00E+00	4.90E-04	5.64E-04	0.00E+00	1.01E-06	4.11E-06	0.00E+00	5.68E-07	6.82E-07	0.00E+00	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	1.08E-06
595434.00	4173083.00	Offsite Worker	0.24193	0.05065	0.37329	0.18511	0.1503	0.1503	0.24616	0.05903	0.3426	8.15E-03	7.42E-04	0.00E+00	1.86E-05	3.77E-06	0.00E+00	1.07E-05	6.39E-07	0.00E+00	5.29E-04	5.86E-04	0.00E+00	1.01E-06	4.12E-06	0.00E+00	5.82E-07	6.99E-07	0.00E+00	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	1.04E-06
595454.00	4173083.00	Offsite Worker	0.25967	0.05258	0.35742	0.18535	0.15053	0.15053	0.25113	0.06053	0.33155	8.75E-03	7.70E-04	0.00E+00	1.86E-05	3.77E-06	0.00E+00	1.09E-05	6.55E-07	0.00E+00	5.68E-04	6.08E-04	0.00E+00	1.01E-06	4.13E-06	0.00E+00	5.94E-07	7.17E-07	0.00E+00	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	1.01E-06
595474.00	4173083.00	Offsite Worker	0.27618	0.05455	0.34273	0.18504	0.15034	0.15034	0.25473	0.062	0.3212	9.30E-03	7.99E-04	0.00E+00	1.85E-05	3.77E-06	0.00E+00	1.10E-05	6.71E-07	0.00E+00	6.04E-04	6.31E-04	0.00E+00	1.01E-06	4.13E-06	0.00E+00	6.02E-07	7.35E-07	0.00E+00	0.00E+00	0.00E+00	8.19E-04	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	9.77E-07
595494.00	4173083.00	Offsite Worker	0.29151	0.05664	0.33035	0.18461	0.15013	0.15013	0.25749	0.06357	0.31237	9.82E-03	8.30E-04	0.00E+00	1.85E-05	3.76E-06	0.00E+00	1.11E-05	6.88E-07	0.00E+00	6.38E-04	6.55E-04	0.00E+00	1.01E-06	4.12E-06	0.00E+00	6.09E-07	7.53E-07	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	9.50E-07
595514.00	4173083.00	Offsite Worker	0.30383	0.0586	0.3174	0.18319	0.1491	0.1491	0.25836	0.06492	0.30271	1.02E-02	8.58E-04	0.00E+00	1.84E-05	3.74E-06	0.00E+00	1.12E-05	7.02E-07	0.00E+00	6.65E-04	6.77E-04	0.00E+00	1.00E-06	4.09E-06	0.00E+00	6.11E-07	7.69E-07	0.00E+00	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	9.21E-07
595534.00	4173083.00	Offsite Worker	0.31278	0.0604	0.30399	0.18076	0.14722	0.14722	0.25735	0.06604	0.29228	1.05E-02	8.85E-04	0.00E+00	1.81E-05	3.69E-06	0.00E+00	1.11E-05	7.14E-07	0.00E+00	6.84E-04	6.98E-04	0.00E+00	9.89E-07	4.04E-06	0.00E+00	6.08E-07	7.82E-07	0.00E+00	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	8.89E-07
595554.00	4173083.00	Offsite Worker	0.32087	0.06247	0.29403	0.17904	0.14599	0.14599	0.25657	0.06749	0.28403	1.08E-02	9.15E-04	0.00E+00	1.79E-05	3.66E-06	0.00E+00	1.11E-05	7.30E-07	0.00E+00	7.02E-04	7.22E-04	0.00E+00	9.80E-07	4.01E-06	0.00E+00	6.06E-07	8.00E-07	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	8.64E-07
595574.00	4173083.00	Offsite Worker	0.32598	0.06448	0.28394	0.17674	0.14425	0.14425	0.25447	0.06885	0.27511	1.10E-02	9.45E-04	0.00E+00	1.77E-05	3.61E-06	0.00E+00	1.10E-05	7.45E-07	0.00E+00	7.13E-04	7.45E-04	0.00E+00	9.67E-07	3.96E-06	0.00E+00	6.01E-07	8.16E-07	0.00E+00	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	8.37E-07
595334.00	4173103.00	Offsite Worker	0.14565	0.04054	0.38286	0.16115	0.13117	0.13117	0.19184	0.05005	0.35548	4.91E-03	5.94E-04	0.00E+00	1.62E-05	3.29E-06	0.00E+00	8.30E-06	5.41E-07	0.00E+00	3.19E-04	4.69E-04	0.00E+00	8.82E-07	3.60E-06	0.00E+00	4.53E-07	5.93E-07	0.00E+00	0.00E+00	0.00E+00	9.14E-04	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.08E-06
595354.00	4173103.00	Offsite Worker	0.15943	0.04211	0.37721	0.16487	0.13402	0.13402	0.2004	0.05138	0.3483	5.37E-03	6.17E-04	0.00E+00	1.65E-05	3.36E-06	0.00E+00	8.67E-06	5.56E-07	0.00E+00	3.49E-04	4.87E-04	0.00E+00	9.02E-07	3.68E-06	0.00E+00	4.74E-07	6.09E-07	0.00E+00	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.06E-06
595374.00	4173103.00	Offsite Worker	0.17389	0.04365	0.36735	0.16758	0.13612	0.13612	0.20825	0.05265	0.33908	5.86E-03	6.39E-04	0.00E+00	1.68E-05	3.41E-06	0.00E+00	9.01E-06	5.70E-07	0.00E+00	3.81E-04	5.05E-04	0.00E+00	9.17E-07	3.74E-06	0.00E+00	4.92E-07	6.24E-07	0.00E+00	0.00E+00	0.00E+00	8.77E-04	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.03E-06
595394.00	4173103.00	Offsite Worker	0.1891	0.04523	0.35566	0.16958	0.13765	0.13765	0.21555	0.05394	0.32919	6.37E-03	6.63E-04	0.00E+00	1.70E-05	3.45E-06	0.00E+00	9.33E-06	5.84E-07	0.00E+00	4.14E-04	5.23E-04	0.00E+00	9.28E-07	3.78E-06	0.00E+00	5.09E-07	6.39E-07	0.00E+00	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.00E-06
595414.00	4173103.00	Offsite Worker	0.20488	0.04686	0.34346	0.17103	0.13876	0.13876	0.22221	0.05526	0.31942	6.90E-03	6.86E-04	0.00E+00	1.71E-05	3.48E-06	0.00E+00	9.62E-06	5.98E-07	0.00E+00	4.48E-04	5.42E-04	0.00E+00	9.36E-07	3.81E-06	0.00E+00	5.25E-07	6.55E-07	0.00E+00	0.00E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	9.71E-07
595434.00	4173103.00	Offsite Worker	0.22086	0.04857	0.3314	0.17198	0.1395	0.1395	0.22802	0.05662	0.31009	7.44E-03	7.12E-04	0.00E+00	1.72E-05	3.50E-06	0.00E+00	9.87E-06	6.13E-07	0.00E+00	4.83E-04	5.61E-04	0.00E+00	9.41E-07	3.83E-06	0.00E+00	5.39E-07	6.71E-07	0.00E+00	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	9.43E-07
595454.00	4173103.00	Offsite Worker	0.23681	0.0504	0.32044	0.1727	0.14011	0.14011	0.23303	0.05807	0.30187	7.98E-03	7.38E-04	0.00E+00	1.73E-05	3.51E-06	0.00E+00	1.01E-05	6.28E-07	0.00E+00	5.18E-04	5.83E-04	0.00E+00	9.45E-07	3.85E-06	0.00E+00	5.51E-07	6.88E-07	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.18E-07
595474.00	4173103.00	Offsite Worker	0.25183	0.05227	0.30994	0.17296	0.14036	0.14036	0.2369	0.0595	0.29406	8.48E-03	7.66E-04	0.00E+00	1.73E-05	3.52E-06	0.00E+00	1.03E-05	6.44E-07	0.00E+00	5.51E-04	6.04E-04	0.00E+00	9.47E-07	3.85E-06	0.00E+00	5.60E-07	7.05E-07	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	8.94E-07
595494.00	4173103.00	Offsite Worker	0.26553	0.05418	0.30012	0.17279	0.14032	0.14032	0.23967	0.06093	0.28668	8.94E-03	7.94E-04	0.00E+00	1.73E-05	3.52E-06	0.00E+00	1.04E-05	6.59E-07	0.00E+00	5.81E-04	6.26E-04	0.00E+00	9.46E-07	3.85E-06	0.00E+00	5.66E-07	7.22E-07	0.00E+00	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	8.72E-07
595514.00	4173103.00	Offsite Worker	0.2756	0.05578	0.28753	0.17097	0.13889	0.13889	0.23987	0.06189	0.27685	9.28E-03	8.17E-04	0.00E+00	1.71E-05	3.48E-06	0.00E+00	1.04E-05	6.70E-07	0.00E+00	6.03E-04	6.45E-04	0.00E+00	9.36E-07	3.81E-06	0.00E+00	5.67E-07	7.33E-07	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	8.42E-07
595334.00	4173123.00	Offsite Worker	0.13565	0.03914	0.32265	0.14889	0.12114	0.12114	0.1782	0.04819	0.31248	4.57E-03	5.73E-04	0.00E+00	1.49E-05	3.04E-06	0.00E+00	7.71E-06	5.21E-07	0.00E+00	2.97E-04	4.52E-04	0.00E+00	8.15E-07	3.32E-06	0.00E+00	4.21E-07	5.71E-07	0.00E+00	0.00E+00	0.00E+00	7.71E-04	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	9.50E-07
595354.00	4173123.00	Offsite Worker	0.14783	0.04058	0.32132	0.15242	0.12383	0.12383	0.18587	0.04941	0.30807	4.98E-03	5.94E-04	0.00E+00	1.53E-05	3.10E-06	0.00E+00	8.04E-06	5.35E-07	0.00E+00	3.24E-04	4.69E-04	0.00E+00	8.34E-07	3.40E-06	0.00E+00	4.39E-07	5.85E-07	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	9.37E-07
595374.00	4173123.00	Offsite Worker	0.16072	0.04202	0.3167	0.1552	0.12597	0.12597	0.19311	0.05062	0.30204	5.41E-03	6.16E-04	0.00E+00	1.56E-05	3.16E-06	0.00E+00	8.36E-06	5.48E-07	0.00E+00	3.52E-04	4.86E-04	0.00E+00	8.50E-07	3.46E-06	0.00E+00	4.56E-07	6.00E-07	0.00E+00	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	9.19E-07
595394.00	4173123.00	Offsite Worker	0.17426	0.0435	0.31017	0.15735	0.12763	0.12763	0.19991	0.05184	0.29519	5.87E-03	6.37E-04	0.00E+00	1.58E-05	3.20E-06	0.00E+00	8.65E-06	5.61E-07	0.00E+00	3.81E-04	5.03E-04	0.00E+00	8.61E-07	3.50E-06	0.00E+00	4.72E-07	6.14E-07	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	8.98E-07
595414.00	4173123.00	Offsite Worker	0.18838	0.04504	0.30289	0.15905	0.12895	0.12895	0.20625	0.05311	0.2883	6.35E-03	6.60E-04	0.00E+00	1.59E-05	3.23E-06	0.00E+00	8.92E-06	5.75E-07	0.00E+00	4.12E-04	5.21E-04	0.00E+00	8.71E-07	3.54E-06	0.00E+00	4.87E-07	6.29E-07	0.00E+00	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	8.77E-07
595434.00	4173123.00	Offsite Worker	0.20267	0.04665	0.29517	0.1603	0.12993	0.12993	0.21188	0.05441	0.28152	6.83E-03	6.83E-04	0.00E+00	1.61E-05	3.26E-06	0.00E+00	9.17E-06	5.89E-07	0.00E+00	4.44E-04	5.39E-04	0.00E+00	8.77E-07	3.57E-06	0.00E+00	5.01E-07	6.45E-07	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	8.56E-07
595454.00	4173123.00	Offsite Worker	0.21698	0.04837	0.28787	0.16133	0.13077	0.13077	0.21682	0.05578	0.27545	7.31E-03	7.09E-04	0.00E+00	1.62E-05	3.28E-06	0.00E+00	9.38E-06	6.03E-07	0.00E+00	4.75E-04	5.59E-04	0.00E+00	8.83E-07	3.59E-06	0.00E+00	5.12E-07	6.61E-07	0.00E+00	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	8.38E-07
595474.00	4173123.00	Offsite Worker	0.23075	0.05016	0.2809	0.16208	0.13142	0.13142	0.2209	0.05718	0.26985	7.77E-03	7.35E-04	0.00E+00	1.62E-05	3.29E-06	0.00E+00	9.56E-06	6.19E-07	0.00E+00	5.05E-04	5.80E-04	0.00E+00	8.87E-07	3.61E-06	0.00E+00	5.22E-07	6.78E-07	0.00E+00	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	8.21E-07
595494.00	4173123.00	Offsite Worker	0.24281	0.05188	0.27288	0.16199	0.13138	0.13138	0.22349	0.05843	0.2634	8.18E-03	7.60E-04	0.00E+00	1.62E-05	3.29E-06	0.00E+00	9.67E-06	6.32E-07	0.00E+00	5.31E-04	6.00E-04	0.00E+00	8.87E-07	3.61E-06	0.00E+00	5.28E-07	6.92E-07	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	8.01E-07
595514.00	4173123.00	Offsite Worker	0.25198	0.05333	0.26256	0.16052	0.1302	0.1302	0.22393	0.0593	0.25499	8.49E-03	7.81E-04	0.00E+00	1.61E-05	3.26E-06	0.00E+00	9.69E-06	6.42E-07	0.00E+00	5.51E-04	6.16E-04	0.00E+00	8.79E-07	3.57E-06	0.00E+00	5.29E-07	7.03E-07	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	7.76E-07
595354.00	4173143.00	Offsite Worker	0.13762	0.03915	0.27697	0.14149	0.11488	0.11488	0.17302	0.04759	0.27438	4.64E-03	5.74E-04	0.00E+00	1.42E-05	2.88E-06	0.00E+00	7.49E-06	5.15E-07	0.00E+00	3.01E-04	4.53E-04	0.00E+00	7.74E-07	3.15E-06	0.00E+00	4.09E-07	5.64E-07	0.00E+00	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	8.34E-07
595374.00	4173143.00	Offsite Worker	0.14922	0.04051	0.27566	0.1443	0.11704	0.11704	0.17972	0.04875	0.27069	5.03E-03	5.93E-04	0.00E+00	1.45E-05	2.93E-06	0.00E+00	7.78E-06	5.27E-07	0.00E+00	3.27E-04	4.68E-04	0.00E+00	7.90E-07	3.21E-06	0.00E+00	4.25E-07	5.78E-07	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	8.23E-07
595394.00	4173143.00	Offsite Worker	0.16151	0.04193	0.27285	0.14665	0.11888	0.11888	0.1862	0.04995	0.26638	5.44E-03	6.14E-04	0.00E+00	1.47E-05	2.98E-06	0.00E+00	8.06E-06	5.40E-07	0.00E+00	3.53E-04	4.85E-04	0.00E+00	8.03E-07	3.26E-06	0.00E+00	4.40E-07	5.92E-07	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	8.10E-07
595414.00	4173143.00	Offsite Worker	0.17493	0.04352	0.27047	0.14905	0.12079	0.12079	0.19284	0.05134	0.26302	5.89E-03	6.38E-04	0.00E+00	1.49E-05	3.03E-06	0.00E+00	8.34E-06	5.55E-07	0.00E+00	3.83E-04	5.03E-04	0.00E+00	8.16E-07	3.31E-06	0.00E+00	4.56E-07	6.08E-07	0.00E+00	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	8.00E-07
595434.00	4173143.00	Offsite Worker	0.18753	0.045	0.26527	0.15035	0.12181	0.12181	0.19803	0.05253	0.25766	6.32E-03	6.59E-04	0.00E+00	1.51E-05	3.05E-06	0.00E+00	8.57E-06	5.68E-07	0.00E+00	4.10E-04	5.20E-04	0.00E+00	8.23E-07	3.34E-06	0.00E+00	4.68E-07	6.22E-07	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	7.84E-07
595494.00	4173143.00	Offsite Worker	0.22189	0.04953	0.24659	0.1514	0.12263	0.12263	0.20802	0.05584	0.2408	7.47E-03	7.26E-04	0.00E+00	1.52E-05	3.07E-06	0.00E+00	9.00E-06	6.04E-07	0.00E+00	4.86E-04	5.73E-04	0.00E+00	8.29E-07	3.37E-06	0.00E+00	4.92E-07	6.62E-07	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	7.32E-07
595354.00	4173163.00	Offsite Worker	0.12883	0.03786	0.24193	0.13202	0.10713	0.10713	0.16184	0.04597	0.24653	4.34E-03	5.55E-04	0.00E+00	1.32E-05	2.68E-06	0.00E+00	7.00E-06	4.97E-07	0.00E+00	2.82E-04	4.38E-04	0.00E+00	7.23E-07	2.94E-06	0.00E+00	3.82E-07	5.45E-07	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	7.50E-07
595374.00	4173163.00	Offsite Worker	0.13915	0.03912	0.2423	0.13469	0.10918	0.10918	0.16788	0.04703	0.24418	4.69E-03	5.73E-04	0.00E+00	1.35E-05	2.74E-06	0.00E+00	7.26E-06	5.09E-07	0.00E+00	3.05E-04	4.52E-04	0.00E+00	7.37E-07	3.00E-06	0.00E+00	3.97E-07	5.57E-07	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	7.43E-07
595394.00	4173163.00	Offsite Worker	0.15006	0.04043	0.24126	0.13696	0.11095	0.11095	0.17375	0.04814	0.24112	5.05E-03	5.92E-04	0.00E+00	1.37E-05	2.78E-06	0.00E+00	7.52E-06	5.21E-07	0.00E+00	3.28E-04	4.67E-04	0.00E+00	7.50E-07	3.04E-06	0.00E+00	4.11E-07	5.70E-07	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	7.33E-07
595414.00	4173163.00	Offsite Worker	0.16182	0.04188	0.24019	0.13917	0.11271	0.11271	0.17972	0.04939	0.23855	5.45E-03	6.14E-04	0.00E+00	1.39E-05	2.82E-06	0.00E+00	7.78E-06	5.34E-07	0.00E+00	3.54E-04	4.84E-04	0.00E+00	7.62E-07	3.09E-06	0.00E+00	4.25E-07	5.85E-07	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	7.26E-07
595434.00	4173163.00	Offsite Worker	0.17306	0.04325	0.23701	0.14054	0.11378	0.11378	0.1846	0.05049	0.2345	5.83E-03	6.34E-04	0.00E+00	1.41E-05	2.85E-06	0.00E+00	7.99E-06	5.46E-07	0.00E+00	3.79E-04	5.00E-04	0.00E+00	7.69E-07	3.12E-06	0.00E+00	4.36E-07	5.98E-07	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	7.13E-07
595374.00	4173183.00	Offsite Worker	0.1301	0.0378	0.21455	0.12604	0.1021	0.1021	0.15717	0.04541	0.22123	4.38E-03	5.54E-04	0.00E+00	1.26E-05	2.56E-06	0.00E+00	6.80E-06	4.91E-07	0.00E+00	2.85E-04	4.37E-04	0.00E+00	6.90E-07	2.80E-06	0.00E+00	3.71E-07	5.38E-07	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	6.73E-07
595394.00	4173183.00	Offsite Worker	0.13984	0.03902	0.21469	0.12823	0.1038	0.1038	0.16252	0.04643	0.21916	4.71E-03	5.72E-04	0.00E+00	1.29E-05	2.60E-06	0.00E+00	7.03E-06	5.02E-07	0.00E+00	3.06E-04	4.51E-04	0.00E+00	7.02E-07	2.85E-06	0.00E+00	3.84E-07	5.50E-07	0.00E+00	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	6.67E-07
595414.00	4173183.00	Offsite Worker	0.14997	0.04029	0.21399	0.1301	0.10527	0.10527	0.16768	0.0475	0.21672	5.05E-03	5.90E-04	0.00E+00	1.30E-05	2.64E-06	0.00E+00	7.26E-06	5.14E-07	0.00E+00	3.28E-04	4.66E-04	0.00E+00	7.12E-07	2.89E-06	0.00E+00	3.96E-07	5.63E-07	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	6.59E-07
595434.00	4173183.00	Offsite Worker	0.16015	0.04158	0.21246	0.13159	0.10644	0.10644	0.17237	0.04855	0.21391	5.39E-03	6.09E-04	0.00E+00	1.32E-05	2.67E-06	0.00E+00	7.46E-06	5.25E-07	0.00E+00	3.50E-04	4.81E-04	0.00E+00	7.20E-07	2.92E-06	0.00E+00	4.07E-07	5.75E-07	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	6.51E-07
595203.12	4172931.43	Onsite Daycare	0.14053	0.04057	5.39753	0.28826	0.24295	0.24295	0.25379	0.05548	5.61076	4.73E-03	5.94E-04	0.00E+00	2.89E-05	6.09E-06	0.00E+00	1.10E-05	6.00E-07	0.00E+00	3.08E-04	4.69E-04	0.00E+00	1.58E-06	6.67E-06	0.00E+00	6.00E-07	6.57E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	1.71E-05
595305.29	4173022.49	Offsite CSP	0.16911	0.0438	0.98827	0.22088	0.1806	0.1806	0.24369	0.05574	0.68447	5.70E-03	6.42E-04	0.00E+00	2.21E-05	4.52E-06	0.00E+00	1.05E-05	6.03E-07	0.00E+00	3.70E-04	5.06E-04	0.00E+00	1.21E-06	4.96E-06	0.00E+00	5.76E-07	6.60E-07	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	2.08E-06
596059.85	4172738.92	Offsite Worker	0.42137	0.20191	0.26533	0.21186	0.17704	0.17704	0.26419	0.16824	0.22693	1.42E-02	2.96E-03	0.00E+00	2.12E-05	4.44E-06	0.00E+00	1.14E-05	1.82E-06	0.00E+00	9.22E-04	2.33E-03	0.00E+00	1.16E-06	4.86E-06	0.00E+00	6.24E-07	1.99E-06	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	6.90E-07
595782.40	4171913.24	Offsite Worker	0.0826	0.41177	0.49582	0.91895	0.76454	0.76454	0.13609	0.64796	0.34633	2.78E-03	6.03E-03	0.00E+00	9.21E-05	1.92E-05	0.00E+00	5.89E-06	7.01E-06	0.00E+00	1.81E-04	4.76E-03	0.00E+00	5.03E-06	2.10E-05	0.00E+00	3.22E-07	7.68E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.05E-06
595790.49	4171877.76	Offsite Worker	0.0697	0.2962	0.35413	0.64151	0.53387	0.53387	0.11459	0.4731	0.25787	2.35E-03	4.34E-03	0.00E+00	6.43E-05	1.34E-05	0.00E+00	4.96E-06	5.12E-06	0.00E+00	1.53E-04	3.42E-03	0.00E+00	3.51E-06	1.47E-05	0.00E+00	2.71E-07	5.61E-06	0.00E+00	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	7.84E-07
595826.59	4171700.37	Offsite Worker	0.03565	0.08736	0.08745	0.172	0.14199	0.14199	0.05889	0.14317	0.08667	1.20E-03	1.28E-03	0.00E+00	1.72E-05	3.56E-06	0.00E+00	2.55E-06	1.55E-06	0.00E+00	7.80E-05	1.01E-03	0.00E+00	9.41E-07	3.90E-06	0.00E+00	1.39E-07	1.70E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.64E-07
595857.85	4171568.40	Offsite Worker	0.02487	0.04743	0.04332	0.09072	0.07457	0.07457	0.04069	0.07907	0.05099	8.38E-04	6.95E-04	0.00E+00	9.09E-06	1.87E-06	0.00E+00	1.76E-06	8.55E-07	0.00E+00	5.44E-05	5.48E-04	0.00E+00	4.97E-07	2.05E-06	0.00E+00	9.62E-08	9.37E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.55E-07
595427.66	4172811.08	Offsite Worker	1.96839	0.09778	1.40249	0.66457	0.55301	0.55301	0.9716	0.11433	1.76197	6.63E-02	1.43E-03	0.00E+00	6.66E-05	1.39E-05	0.00E+00	4.20E-05	1.24E-06	0.00E+00	4.31E-03	1.13E-03	0.00E+00	3.64E-06	1.52E-05	0.00E+00	2.30E-06	1.35E-06	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	5.36E-06
595616.96	4172890.78	Offsite Worker	0.88996	0.12289	0.62557	0.30645	0.25454	0.25454	0.4835	0.1217	0.59305	3.00E-02	1.80E-03	0.00E+00	3.07E-05	6.38E-06	0.00E+00	2.09E-05	1.32E-06	0.00E+00	1.95E-03	1.42E-03	0.00E+00	1.68E-06	6.99E-06	0.00E+00	1.14E-06	1.44E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	1.80E-06
595465.61	4172972.42	Offsite Worker	0.49827	0.06957	0.63834	0.28319	0.23249	0.23249	0.39947	0.07895	0.56242	1.68E-02	1.02E-03	0.00E+00	2.84E-05	5.83E-06	0.00E+00	1.73E-05	8.54E-07	0.00E+00	1.09E-03	8.04E-04	0.00E+00	1.55E-06	6.38E-06	0.00E+00	9.44E-07	9.35E-07	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	1.71E-06
595413.93	4172953.11	Offsite Worker	0.4525	0.06493	0.91971	0.32372	0.26547	0.26547	0.42657	0.07679	0.73396	1.52E-02	9.51E-04	0.00E+00	3.24E-05	6.65E-06	0.00E+00	1.85E-05	8.31E-07	0.00E+00	9.90E-04	7.51E-04	0.00E+00	1.77E-06	7.29E-06	0.00E+00	1.01E-06	9.10E-07	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	2.23E-06
595207.62	4172857.58	Onsite Worker	0.19041	0.04699	4.19295	0.55254	0.46454	0.46454	0.35856	0.06444	13.13705	6.41E-03	6.88E-04	0.00E+00	5.54E-05	1.16E-05	0.00E+00	1.55E-05	6.97E-07	0.00E+00	4.17E-04	5.43E-04	0.00E+00	3.02E-06	1.27E-05	0.00E+00	8.47E-07	7.64E-07	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	4.00E-05
595229.35	4172793.73	Onsite Worker	0.32022	0.05659	4.32035	2.12716	1.77251	1.77251	0.59833	0.07801	12.52716	1.08E-02	8.29E-04	0.00E+00	2.13E-04	4.44E-05	0.00E+00	2.59E-05	8.44E-07	0.00E+00	7.01E-04	6.54E-04	0.00E+00	1.16E-05	4.86E-05	0.00E+00	1.41E-06	9.24E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	3.81E-05
595251.41	4172717.21	Onsite Worker	1.01708	0.07175	4.57806	6.55085	5.46164	5.46164	1.40787	0.09956	11.30514	3.43E-02	1.05E-03	0.00E+00	6.57E-04	1.37E-04	0.00E+00	6.09E-05	1.08E-06	0.00E+00	2.23E-03	8.29E-04	0.00E+00	3.59E-05	1.50E-04	0.00E+00	3.33E-06	1.18E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	7.36E-05	0.00E+00	0.00E+00	3.44E-05

Construction Ground Level Concentrations

Annual Average Emission Rate (g/s):

	Offroad Equipment			Delivery Trucks			Truck Idling		
	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
3rd Tri	3.37E-02	1.46E-02	0.00E+00	1.00E-04	2.51E-05	0.00E+00	4.33E-05	1.08E-05	0.00E+00
0 < 2	2.19E-03	1.16E-02	0.00E+00	5.47E-06	2.74E-05	0.00E+00	2.36E-06	1.18E-05	0.00E+00
2 < 16	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.04E-06

Receptor			AERMOD Concentration (ug/m³) @ 1 g/s									3rd Tri GLC Concentration (ug/m³)								
			Offroad Equipment			Delivery Trucks			Truck Idling			Offroad Equipment			Delivery Trucks			Truck Idling		
X	Y	Rec Group ID	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
595276.16	4172654.64	Onsite Worker	3.21417	0.09126	5.4606	6.48072	5.39755	5.39755	5.88103	0.12747	1.9598	1.08E-01	1.34E-03	0.00E+00	6.50E-04	1.35E-04	0.00E+00	2.54E-04	1.38E-06	0.00E+00
595286.24	4171790.65	Offsite Residential	0.06372	0.20353	0.19117	0.35423	0.29413	0.29413	0.09341	0.29014	0.16513	2.15E-03	2.98E-03	0.00E+00	3.55E-05	7.37E-06	0.00E+00	4.04E-06	3.14E-06	0.00E+00
595306.24	4171790.65	Offsite Residential	0.06243	0.19416	0.18319	0.35241	0.29214	0.29214	0.09224	0.28332	0.16155	2.10E-03	2.84E-03	0.00E+00	3.53E-05	7.32E-06	0.00E+00	3.99E-06	3.08E-06	0.00E+00
595326.24	4171790.65	Offsite Residential	0.06116	0.18557	0.17523	0.35017	0.28981	0.28981	0.09115	0.27766	0.15831	2.06E-03	2.72E-03	0.00E+00	3.51E-05	7.26E-06	0.00E+00	3.94E-06	3.00E-06	0.00E+00
595266.24	4171810.65	Offsite Residential	0.06886	0.24096	0.22845	0.39908	0.33233	0.33233	0.10019	0.33617	0.18826	2.32E-03	3.53E-03	0.00E+00	4.00E-05	8.33E-06	0.00E+00	4.34E-06	3.64E-06	0.00E+00
595286.24	4171810.65	Offsite Residential	0.06743	0.22924	0.21999	0.39919	0.33189	0.33189	0.09885	0.32672	0.18365	2.27E-03	3.36E-03	0.00E+00	4.00E-05	8.32E-06	0.00E+00	4.28E-06	3.53E-06	0.00E+00
595306.24	4171810.65	Offsite Residential	0.0662	0.21946	0.21229	0.40119	0.33324	0.33324	0.09812	0.32122	0.18103	2.23E-03	3.21E-03	0.00E+00	4.02E-05	8.35E-06	0.00E+00	4.25E-06	3.47E-06	0.00E+00
595326.24	4171810.65	Offsite Residential	0.06478	0.2083	0.20291	0.39968	0.33143	0.33143	0.09677	0.3134	0.17676	2.18E-03	3.06E-03	0.00E+00	4.01E-05	8.33E-06	0.00E+00	4.19E-06	3.39E-06	0.00E+00
595246.24	4171830.65	Offsite Residential	0.07465	0.2874	0.27124	0.44489	0.37165	0.37165	0.10763	0.39347	0.21596	2.51E-03	4.21E-03	0.00E+00	4.46E-05	9.31E-06	0.00E+00	4.66E-06	4.26E-06	0.00E+00
595266.24	4171830.65	Offsite Residential	0.07309	0.27396	0.26394	0.44885	0.37442	0.37442	0.10638	0.38273	0.21159	2.46E-03	4.01E-03	0.00E+00	4.50E-05	9.38E-06	0.00E+00	4.60E-06	4.14E-06	0.00E+00
595286.24	4171830.65	Offsite Residential	0.07162	0.26099	0.25576	0.45253	0.37695	0.37695	0.1052	0.37292	0.20726	2.41E-03	3.82E-03	0.00E+00	4.54E-05	9.44E-06	0.00E+00	4.55E-06	4.03E-06	0.00E+00
595306.24	4171830.65	Offsite Residential	0.07024	0.24911	0.24725	0.45655	0.37956	0.37956	0.10427	0.36531	0.20356	2.37E-03	3.65E-03	0.00E+00	4.58E-05	9.52E-06	0.00E+00	4.61E-06	3.95E-06	0.00E+00
595326.24	4171830.65	Offsite Residential	0.06877	0.23709	0.23732	0.45819	0.3807	0.3807	0.10303	0.35701	0.19911	2.32E-03	3.47E-03	0.00E+00	4.59E-05	9.54E-06	0.00E+00	4.46E-06	3.86E-06	0.00E+00
595226.24	4171850.65	Offsite Residential	0.08117	0.34331	0.31718	0.48909	0.40992	0.40992	0.11551	0.4621	0.2479	2.73E-03	5.03E-03	0.00E+00	4.90E-05	1.03E-05	0.00E+00	5.00E-06	5.00E-06	0.00E+00
595246.24	4171850.65	Offsite Residential	0.07964	0.3301	0.31372	0.49989	0.41848	0.41848	0.11498	0.45347	0.24528	2.68E-03	4.84E-03	0.00E+00	5.01E-05	1.05E-05	0.00E+00	4.98E-06	4.91E-06	0.00E+00
595266.24	4171850.65	Offsite Residential	0.07798	0.31529	0.30767	0.50806	0.4248	0.4248	0.11384	0.44237	0.24112	2.63E-03	4.62E-03	0.00E+00	5.09E-05	1.06E-05	0.00E+00	4.93E-06	4.79E-06	0.00E+00
595286.24	4171850.65	Offsite Residential	0.07635	0.30024	0.29987	0.51519	0.4302	0.4302	0.11255	0.43099	0.23696	2.57E-03	4.40E-03	0.00E+00	5.16E-05	1.08E-05	0.00E+00	4.87E-06	4.68E-06	0.00E+00
595306.24	4171850.65	Offsite Residential	0.07474	0.2855	0.29063	0.52152	0.43486	0.43486	0.11125	0.42024	0.23136	2.52E-03	4.18E-03	0.00E+00	5.23E-05	1.09E-05	0.00E+00	4.81E-06	4.55E-06	0.00E+00
595326.24	4171850.65	Offsite Residential	0.07315	0.27124	0.28007	0.52667	0.43847	0.43847	0.10991	0.41022	0.22619	2.46E-03	3.97E-03	0.00E+00	5.28E-05	1.10E-05	0.00E+00	4.76E-06	4.44E-06	0.00E+00
595246.24	4171870.65	Offsite Residential	0.08901	0.41071	0.36433	0.53332	0.44846	0.44846	0.12464	0.54472	0.28519	3.00E-03	6.02E-03	0.00E+00	5.35E-05	1.12E-05	0.00E+00	5.39E-06	5.89E-06	0.00E+00
595266.24	4171870.65	Offsite Residential	0.08702	0.39547	0.36481	0.54729	0.45958	0.45958	0.12392	0.53571	0.2829	2.93E-03	5.81E-03	0.00E+00	5.49E-05	1.15E-05	0.00E+00	5.26E-06	5.80E-06	0.00E+00
595286.24	4171870.65	Offsite Residential	0.0851	0.38078	0.36273	0.56057	0.47003	0.47003	0.1229	0.52485	0.27965	2.87E-03	5.58E-03	0.00E+00	5.62E-05	1.18E-05	0.00E+00	5.32E-06	5.68E-06	0.00E+00
595306.24	4171870.65	Offsite Residential	0.0832	0.36373	0.35829	0.57251	0.47931	0.47931	0.12153	0.512	0.27515	2.80E-03	5.33E-03	0.00E+00	5.74E-05	1.20E-05	0.00E+00	5.26E-06	5.54E-06	0.00E+00
595326.24	4171870.65	Offsite Residential	0.08143	0.34675	0.35205	0.58479	0.48911	0.48911	0.12024	0.49063	0.2704	2.74E-03	5.08E-03	0.00E+00	5.86E-05	1.23E-05	0.00E+00	5.20E-06	5.40E-06	0.00E+00
595306.24	4171870.65	Offsite Residential	0.07969	0.32971	0.34364	0.59624	0.49805	0.49805	0.11889	0.48738	0.26504	2.68E-03	4.83E-03	0.00E+00	5.98E-05	1.25E-05	0.00E+00	5.14E-06	5.27E-06	0.00E+00
595186.24	4171890.65	Offsite Residential	0.08817	0.48617	0.40677	0.57204	0.48221	0.48221	0.13432	0.63493	0.32444	3.31E-03	7.12E-03	0.00E+00	5.73E-05	1.21E-05	0.00E+00	5.81E-06	6.97E-06	0.00E+00
595246.24	4171890.65	Offsite Residential	0.09567	0.47342	0.41281	0.5908	0.49751	0.49751	0.13365	0.62955	0.32415	3.22E-03	6.94E-03	0.00E+00	5.92E-05	1.25E-05	0.00E+00	5.78E-06	6.81E-06	0.00E+00
595266.24	4171890.65	Offsite Residential	0.09332	0.45828	0.41686	0.60923	0.5124	0.5124	0.13271	0.62116	0.32266	3.14E-03	6.71E-03	0.00E+00	6.11E-05	1.28E-05	0.00E+00	5.74E-06	6.72E-06	0.00E+00
595246.24	4171890.65	Offsite Residential	0.09116	0.44157	0.41889	0.6281	0.52752	0.52752	0.13165	0.61088	0.32035	3.07E-03	6.47E-03	0.00E+00	6.29E-05	1.32E-05	0.00E+00	5.70E-06	6.61E-06	0.00E+00
595266.24	4171890.65	Offsite Residential	0.08907	0.42359	0.41812	0.6463	0.54197	0.54197	0.13029	0.59819	0.31865	3.00E-03	6.22E-03	0.00E+00	6.48E-05	1.36E-05	0.00E+00	5.64E-06	6.47E-06	0.00E+00
595246.24	4171890.65	Offsite Residential	0.08711	0.40394	0.41481	0.66487	0.55692	0.55692	0.12892	0.58491	0.31214	2.93E-03	5.92E-03	0.00E+00	6.66E-05	1.40E-05	0.00E+00	5.58E-06	6.33E-06	0.00E+00
595306.24	4171890.65	Offsite Residential	0.08519	0.38422	0.40851	0.68286	0.57128	0.57128	0.12744	0.571	0.30655	2.87E-03	5.63E-03	0.00E+00	6.84E-05	1.43E-05	0.00E+00	5.51E-06	6.18E-06	0.00E+00
595186.24	4171910.65	Offsite Residential	0.10589	0.55773	0.45277	0.62683	0.52887	0.52887	0.14412	0.72902	0.36593	3.57E-03	8.17E-03	0.00E+00	6.28E-05	1.33E-05	0.00E+00	6.24E-06	7.89E-06	0.00E+00
595206.24	4171910.65	Offsite Residential	0.103	0.54601	0.46416	0.65136	0.5491	0.5491	0.14333	0.72744	0.36787	3.47E-03	8.00E-03	0.00E+00	6.53E-05	1.38E-05	0.00E+00	6.20E-06	7.87E-06	0.00E+00
595226.24	4171910.65	Offsite Residential	0.10039	0.53171	0.47421	0.67721	0.57101	0.57101	0.14249	0.72572	0.36987	3.38E-03	7.79E-03	0.00E+00	6.79E-05	1.43E-05	0.00E+00	6.17E-06	7.82E-06	0.00E+00
595246.24	4171910.65	Offsite Residential	0.09799	0.51497	0.48228	0.7038	0.59196	0.59196	0.14151	0.71521	0.36872	3.30E-03	7.54E-03	0.00E+00	7.05E-05	1.48E-05	0.00E+00	6.12E-06	7.74E-06	0.00E+00
595266.24	4171910.65	Offsite Residential	0.09571	0.49576	0.48751	0.73062	0.61354	0.61354	0.14025	0.70449	0.36692	3.22E-03	7.26E-03	0.00E+00	7.32E-05	1.54E-05	0.00E+00	6.07E-06	7.62E-06	0.00E+00
595286.24	4171910.65	Offsite Residential	0.09341	0.47377	0.48874	0.75586	0.63391	0.63391	0.13849	0.68965	0.36261	3.15E-03	6.94E-03	0.00E+00	7.58E-05	1.59E-05	0.00E+00	5.99E-06	7.46E-06	0.00E+00
595306.24	4171910.65	Offsite Residential	0.09133	0.45177	0.48716	0.78344	0.65488	0.65488	0.13703	0.67984	0.35784	3.08E-03	6.62E-03	0.00E+00	7.85E-05	1.65E-05	0.00E+00	5.93E-06	7.31E-06	0.00E+00
595186.24	4171930.65	Offsite Residential	0.11818	0.6446	0.48053	0.65359	0.55167	0.55167	0.15578	0.82545	0.40473	3.98E-03	9.44E-03	0.00E+00	6.55E-05	1.38E-05	0.00E+00	6.74E-06	8.93E-06	0.00E+00
595186.24	4171930.65	Offsite Residential	0.11464	0.63987	0.49625	0.68476	0.57761	0.57761	0.1551	0.83579	0.41161	3.86E-03	9.37E-03	0.00E+00	6.86E-05	1.45E-05	0.00E+00	6.71E-06	9.04E-06	0.00E+00
595206.24	4171930.65	Offsite Residential	0.11146	0.63168	0.51799	0.71767	0.60544	0.60544	0.15455	0.84226	0.41777	3.75E-03	9.25E-03	0.00E+00	7.19E-05	1.52E-05	0.00E+00	6.69E-06	9.11E-06	0.00E+00
595226.24	4171930.65	Offsite Residential	0.10836	0.61655	0.5352	0.75075	0.63282	0.63282	0.15344	0.84261	0.42179	3.65E-03	9.06E-03	0.00E+00	7.52E-05	1.59E-05	0.00E+00	6.64E-06	9.12E-06	0.00E+00
595246.24	4171930.65	Offsite Residential	0.10574	0.60339	0.55188	0.78784	0.66345	0.66345	0.15234	0.84145	0.42642	3.56E-03	8.84E-03	0.00E+00	7.90E-05	1.66E-05	0.00E+00	6.59E-06	9.16E-06	0.00E+00
595266.24	4171930.65	Offsite Residential	0.10306	0.58323	0.56511	0.82426	0.69287	0.69287	0.15113	0.83256	0.42607	3.47E-03	8.54E-03	0.00E+00	8.28E-05	1.74E-05	0.00E+00	6.54E-06	9.01E-06	0.00E+00
595246.24	4171930.65	Offsite Residential	0.10053	0.56024	0.57496	0.86133	0.72313	0.72313	0.1494	0.82042	0.42442	3.39E-03	8.21E-03	0.00E+00	8.63E-05	1.81E-05	0.00E+00	6.46E-06	8.88E-06	0.00E+00
595166.24	4171950.65	Offsite Residential	0.12879	0.73265	0.51902	0.7055	0.59562	0.59562	0.16851	0.93345	0.4494	4.34E-03	1.07E-02	0.00E+00	7.07E-05	1.49E-05	0.00E+00	7.29E-06	1.01E-05	0.00E+00
595186.24	4171950.65	Offsite Residential	0.12465	0.71321	0.54423	0.74388	0.62767	0.62767	0.16693	0.92703	0.44796	4.20E-03	1.07E-02	0.00E+00	7.48E-05	1.57E-05	0.00E+00	7.18E-06	1.00E-05	0.00E+00
595206.24	4171950.65	Offsite Residential	0.12091	0.72952	0.5707	0.78536	0.66274	0.66274	0.1668	0.97137	0.47168	4.07E-03	1.07E-02	0.00E+00	7.87E-05	1.66E-05	0.00E+00	7.22E-06	1.05E-05	0.00E+00
595226.24	4171950.65	Offsite Residential	0.1173	0.71973	0.59686	0.82865	0.69824	0.69824	0.1655	0.98083	0.48052	3.95E-03	1.05E-02	0.00E+00	8.30E-05	1.75E-05	0.00E+00	7.16E-06	1.06E-05	0.00E+00
595246.24	4171950.65	Offsite Residential	0.11431	0.70749	0.62431	0.87835	0.74017	0.74017	0.16479	0.98809	0.48964	3.85E-03	1.04E-02	0.00E+00	8.80E-05	1.85E-05	0.00E+00	7.13E-06	1.07E-05	0.00E+00
595266.24	4171950.65	Offsite Residential	0.11134	0.68913	0.64953	0.92895	0.78143	0.78143	0.16334	0.98753	0.49551	3.75E-03	1.01E-02	0.00E+00	9.31E-05	1.96E-05	0.00E+00	7.07E-06	1.07E-05	0.00E+00
595286.24	4171950.65	Offsite Residential	0.10861	0.66894	0.67724	0.98324	0.82665	0.82665	0.16182	0.98043	0.49858	3.66E-03	9.77E-03	0.00E+00	9.85E-05	2.07E-05	0.00E+00	7.01E-06	1.06E-05	0.00E+00
595146.24	4171970.65	Offsite Residential	0.14565	0.81301	0.5227	0.71116	0.60097	0.60097	0.1835	1.0035	0.47656	4.91E-03	1.19E-02	0.00E+00	7.13E-05	1.51E-05	0.00E+00	7.94E-06	1.09E-05	0.00E+00
595166.24	4171970.65	Offsite Residential	0.14056	0.8267	0.55206	0.7536	0.63665	0.63665	0.18212	1.04411	0.4934	4.73E-03	1.21E-02	0.00E+00	7.55E-05	1.60E-05	0.00E+00	7.88E-06	1.13E-05	0.00E+00
595186.24	4171970.65	Offsite Residential	0.136	0.83662	0.5847	0.80194	0.67662	0.67662	0.1814	1.08201	0.51127	4.58E-03	1.23E-02	0.00E+00	8.04E-05	1.70E-05	0.00E+00	7.85E-06	1.17E-05	0.00E+00
595206.24	4171970.65	Offsite Residential	0.13174	0.84074	0.61975	0.85452	0.72064	0.72064	0.17904	1.11436	0.52584	4.44E-03	1.23E-02	0.00E+00	8.56E-05	1.81E-05	0.00E+00	7.82E-06	1.21E-05	0.00E+00
595226.24	4171970.65	Offsite Residential	0.12767	0.83831	0.65681	0.91112	0.7679	0.7679	0.17951	1.13991	0.5453	4.30E-03	1.23E-02	0.00E+00	9.13E-05	1.92E-05	0.00E+00	7.77E-06	1.23E-05	0.00E+00
595246.24	4171970.65	Offsite Residential	0.12433	0.83245	0.6975	0.97853	0.82426	0.82426	0.1791	1.16272	0.56274	4.19E-03	1.22E-02	0.00E+00	9.81E-05	2.07E-05	0.00E+00	7.75E-06	1.26E-05	0.00E+00
595266.24	4171970.65	Offsite Residential	0.1209	0.81786	0.73765	1.04744	0.88155	0.88155	0.17754	1.1748	0.57627	4.07E-03	1.20E-02	0.00E+00	1.05E-04	2.21E-05	0.00E+00	7.68E-06	1.27E-05	0.00E+00
595146.24	4171990.65	Offsite Residential	0.16031	0.90319	0.54614	0.75343	0.63995	0.63995	0.20059	1.12202	0.51572	5.40E-03	1.32E-02	0.00E+00	7.55E-05	1.59E-05	0.00E+00	8.74E-06	1.21E-05	0.00E+00
595166.24	4171990.65	Offsite Residential	0.15454	0.92874	0.58035	0.8034	0.67813	0.67813	0.19846	1.15749	0.53802	5.21E-03	1.36E-02	0.00E+00	8.05E-05	1.70E-05	0.00E+00	8.59E-06	1.25E-05	0.00E+00
595186.24	4171990.65	Offsite Residential	0.14924	0.95023	0.61913	0.86051	0.7256	0.7256	0.19749	1.21536	0.56231	5.03E-03	1.39E-02	0.00E+00	8.62E-05	1.82E-05	0.00E+00	8.55E-06	1.31E-05	0.00E+00
595206.24	4171990.65	Offsite Residential	0.14424	0.96547	0.66221	0.92387	0.77882	0.77882	0.19653	1.26862	0.58745	4.86E-03	1.41E-02	0.00E+00	9.26E-05	1.95E-05	0.00E+00	8.50E-06	1.37E-05	0.00E+00
595826.24	4171825.33	Offsite Residential	0.06124	0.22716	0.23897	0.41176	0.34285	0.34285	0.09741	0.33794	0.1888	2.06E-03	3.33E-03	0.00E+00	4.13E-05	8.59E-06	0.00E+00	4.22E-06	3.66E-06	0.00E+00
595826.24	4171843.33	Offsite Residential	0.06721	0.28617	0.27882	0.46195	0.38473	0.38473	0.10607	0.39727	0.21937	2.26E-03	3.90E-03	0.00E+00	4.47E-05	9.34E-06	0.00E+00	4.57E-06	4.23E-06	0.00E+00
595826.24	4171855.33	Offsite Residential	0.07417	0.3136	0.32489	0.55713	0.46437	0.46437	0.11581	0.45515	0.24859	2.50E-03	4.59E-03	0.00E+00	5.58E-05	1.16E-05	0.00E+00	5.01E-06	4.92E-06	0.00E+00
595826.24	4171865.33	Offsite Residential	0.07708	0.32604	0.32318	0.54697	0.4561	0.4561	0.11797	0.45961	0.2509	2.60E-03	4.78E-03	0.00E+00	5.48E-05	1.14E-05	0.00E+00	5.10E-06	4.97E-06	0.00E+00
595826.24	4171885.33	Offsite Residential	0.08007	0.33683	0.31994	0.53492	0.44631	0.44631	0.12005	0.46195	0.25219	2.70E-03	4.93E-03	0.00E+00	5.36E-05	1.12E-05	0.00E+00	5.19E-06	5.00E-06	0.00E+00
595826.24	4171885.33	Offsite Residential	0.07914	0.35686	0.33144	0.56908	0.47481	0.47481	0.12243	0.48247	0.25647	2.67E-03	5.22E-03	0.00E+00	5.70E-05	1.19E-05	0.00E+00	5.32E-06	5.09E-06	0.00E+00
595826.24	4171885.33	Offsite Residential	0.08232	0.37116	0.37714	0.6492	0.54128	0.54128	0.127	0.53031	0.28652	2.77E-03	5.44E-03	0.00E+00	6.51E-05	1.36E-05	0.00E+00	5.50E-06	5.74E-06	0.00E+00
595876.24	4171885.33	Offsite Residential	0.08558	0.38345	0.371	0.63011	0.52554	0.52554	0.12928	0.53157	0.28722	2.88E-03	5.62E-03	0.00E+00	6.32E-05	1.32E-05	0.00E+00	5.59E-06	5.75E-06	0.00E+00
595926.24	4171885.33	Offsite Residential	0.08892	0.39356	0.36353	0.60942	0.50846	0.50846	0.13148	0.5302	0.28668	2.99E-03	5.77E-03	0.00E+00	6.11E-05	1.27E-05	0.00E+00	5.69E-06	5.74E-06	0.00E+00
595826.24	4171905.33	Offsite Residential	0.08793	0.42501	0.44484	0.78386	0.65342	0.65342	0.13692	0.61664	0.32983	2.96E-03	6.23E-03	0.00E+00	7.86E-05	1.64E-05	0.00E+00	5.92E-06	6.67E-06	0.00E+00
595826.24	4171905.33	Offsite Residential	0.08161	0.44087	0.43479	0.75385	0.62866	0.62866	0.13987	0.61736	0.33014	3.05E-03	6.44E-03	0.00E+00	7.56E-05	1.58E-05	0.00E+00	6.04E-06	6.41E-06	0.00E+00
595876.24	4171905.33	Offsite Residential	0.0953	0.45234	0.42286	0.72194	0.6023	0.6023	0.14235	0.61331	0.32822	3.21E-03	6.63E-03	0.00E+00	7.24E-05	1.51E-05	0.00E+00	6.16E-06	6.63E-06	0.00E+00
595826.24	4171905.33	Offsite Residential	0.09896	0.4593	0.40968	0.68968	0.57549	0.57549	0.14427	0.60573	0.32463	3.33E-03	6.73E-03	0.00E+00	6.91E-05	1.44E-05	0.00E+00	6.24E-06	6.55E-06	0.00E+00
595916.24	4171905.33	Offsite Residential	0.10195	0.46276	0.39598	0.65835	0.54936	0.54936	0.14581	0.59563	0.31985	3.43E-03	6.78E-03	0.00E+00	6.60E-05	1.38E-05	0.00E+00	6.31E-06	6.44E-06	0.00E+00
595826.24	4171925.33	Offsite Residential	0.0977	0.50589	0.51407	0.91903	0.76591	0.76591	0.1505	0.67351	0.34964	3.29E-03	7.41E-03	0.00E+00	9.21E-05	1.92E-05	0.00E+00	5.85E-06	7.06E-06	0.00E+00
595856.24	4171925.33	Offsite Residential	0.10196	0.51938	0.49564	0.86956	0.72497	0.72497	0.15336	0.71381	0.37817	3.43E-03	7.61E-03	0.00E+00	8.71E-05	1.82E-05	0.00E+00	6.64E-06	7.72E-06	0.00E+00
595876.24	4171925.33	Offsite Residential	0.10593	0.52788	0.47838	0.82113	0.68477	0.68477	0.15577	0.70245	0.37262	3.57E-03	7.73E-03	0.00E+00	8.23E-05	1.72E-05	0.00E+00	6.74E-06	7.60E-06	0.00E+00
595826.24	4171925.33	Offsite Residential	0.11001	0.53318	0.45716	0.77421	0.64588	0.64588	0.15814	0.68769	0.36555	3.71E-03	7.81E-03	0.00E+00	7.76E-05	1.62E-05	0.00E+00	6.84E-06	7.44E-06	0.00E+00
595916.24	4171925.33	Offsite Residential	0.11386	0.53465	0.43823	0.72972	0.60895	0.60895	0.16018	0.67012	0.35725	3.84E-03	7.83E-03	0.00E+00	7.31E-05	1.53E-05	0.00E+00	6.93E-06	7.25E-06	0.00E+00
595826.24	4171945.33	Offsite Residential	0.11395	0.51588	0.56004	0.99293	0.82805	0.82805	0.15866	0.72202	0.4319	3.84E-03	9.02E-03	0.00E+00	9.95E-05	2.07E-05	0.00E+00	6.84E-06	8.89E-06	0.00E+00
595876.24	4171945.33	Offsite Residential	0.11833	0.6175	0.53168	0.92398	0.7704	0.7704	0.17149	0.80038	0.42107	3.99E-03	9.05E-03	0.00E+00	9.26E-05	1.93E-05	0.00E+00	7.42E-06	8.66E-06	0.00E+00
595826.24	4171945.33	Offsite Residential	0.12213	0.61585	0.50513	0.86144	0.71828	0.71828	0.17327	0.776	0.40935	4.11E-03	9.02E-03	0.00E+00	8.63E-05	1.80E-05	0.00E+00	7.50E-06	8.39E-06	0.00E+00
595916.24	4171945.33	Offsite Residential	0.12597	0.61129	0.48007	0.80363	0.67023	0.67023	0.17501	0.7493	0.39869	4.24E-03	8.95E-03	0.00E+00	8.05E-05	1.68E-05	0.00E+00	7.57E-06	8.11E-06	0.00E+00
595926.24	4171945.33	Offsite Residential	0.12981	0.60358	0.46636	0.75219	0.62583	0.62583	0.17658	0.72699	0.3834	4.37E-03	8.85E-03	0.00E+00	7.52E-05	1.57E-05	0.00E+00	7.64E-06	7.80E-06	0.00E+00
595512.43	4172101.44	Offsite Residential	0.32682	1.01187	0.53373	0.80593	0.67734	0.67734	0.3813	0.96678	0.66547	1.10E-02	1.48E-02	0.00E+00	8.08E-05	1.70E-05	0.00E+00	1.65E-05	1.05E-05	0.00E+00
595122.43	4172101.44	Offsite Residential	0.31583	1.11578	0.56456	0.87164	0.73215	0.73215	0.37202	1.08928	0.69764	1.06E-02	1.63E-02	0.00E+00	8.74E-05	1.83E-05	0.00E+00	1.61E-05	1.18E-05	0.00E+00
595142.43	4172101.44	Offsite Residential	0.30457

Construction Ground Level Concentrations

Annual Average Emission Rate (g/s):

	Offroad Equipment			Delivery Trucks			Truck Idling		
	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
3rd Tri	3.37E-02	1.46E-02	0.00E+00	1.00E-04	2.51E-05	0.00E+00	4.33E-05	1.08E-05	0.00E+00
0 < 2	2.19E-03	1.16E-02	0.00E+00	5.47E-06	2.74E-05	0.00E+00	2.36E-06	1.18E-05	0.00E+00
2 < 16	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.04E-06

Receptor			AERMOD Concentration (ug/m³) @ 1 g/s								
			Offroad Equipment			Delivery Trucks			Truck Idling		
X	Y	Rec Group ID	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
595062.43	4172221.44	Offsite Residential	0.71085	0.45251	0.44821	0.80706	0.67538	0.67538	0.9698	0.33986	0.66511
595082.43	4172221.44	Offsite Residential	0.71899	0.49956	0.4905	0.87787	0.7341	0.7341	0.97475	0.37282	0.74995
595102.43	4172221.44	Offsite Residential	0.72445	0.55535	0.53985	0.96272	0.80456	0.80456	0.97409	0.41201	0.85125
595122.43	4172221.44	Offsite Residential	0.72482	0.61923	0.59533	1.05901	0.8846	0.8846	0.96562	0.45586	0.96766
595142.43	4172221.44	Offsite Residential	0.7212	0.69602	0.65961	1.17695	0.98283	0.98283	0.95099	0.50852	1.10548
595162.43	4172221.44	Offsite Residential	0.71256	0.78831	0.73312	1.32189	1.10377	1.10377	0.93042	0.57132	1.26624
595062.43	4172241.44	Offsite Residential	0.79146	0.37921	0.42569	0.82629	0.69265	0.69265	1.12546	0.28798	0.62648
595082.43	4172241.44	Offsite Residential	0.80831	0.41625	0.46739	0.90386	0.75541	0.75541	1.14634	0.31411	0.71185
595102.43	4172241.44	Offsite Residential	0.8218	0.45867	0.51596	0.99139	0.82819	0.82819	1.15918	0.34362	0.81432
595122.43	4172241.44	Offsite Residential	0.83148	0.50805	0.57304	1.09547	0.91486	0.91486	1.16352	0.37762	0.93868
595142.43	4172241.44	Offsite Residential	0.83776	0.56769	0.64157	1.22665	1.02446	1.02446	1.16197	0.41901	1.09335
595162.43	4172241.44	Offsite Residential	0.83871	0.63899	0.72284	1.39143	1.16216	1.16216	1.15177	0.46827	1.28316
595062.43	4172261.44	Offsite Residential	0.87468	0.31382	0.39863	0.85229	0.71246	0.71246	1.29625	0.24768	0.5754
595082.43	4172261.44	Offsite Residential	0.9024	0.34232	0.4381	0.93425	0.78077	0.78077	1.34098	0.2694	0.65648
595102.43	4172261.44	Offsite Residential	0.92486	0.37221	0.48236	1.02139	0.85318	0.85318	1.37106	0.29088	0.75033
595122.43	4172261.44	Offsite Residential	0.94683	0.40869	0.53762	1.13367	0.9468	0.9468	1.39911	0.31805	0.87216
595142.43	4172261.44	Offsite Residential	0.96894	0.45293	0.6061	1.27921	1.06844	1.06844	1.42269	0.35183	1.03014
595042.43	4172281.44	Offsite Residential	0.9175	0.23853	0.33864	0.80238	0.67094	0.67094	1.39912	0.20061	0.45765
595062.43	4172281.44	Offsite Residential	0.95652	0.25706	0.3676	0.87553	0.73182	0.73182	1.472	0.21643	0.51481
595082.43	4172281.44	Offsite Residential	0.99584	0.27802	0.40244	0.96214	0.80408	0.80408	1.54509	0.23455	0.58566
595102.43	4172281.44	Offsite Residential	1.03011	0.29891	0.44116	1.05252	0.87937	0.87937	1.60339	0.25165	0.66659
595122.43	4172281.44	Offsite Residential	1.07042	0.32717	0.49379	1.18423	0.98929	0.98929	1.6767	0.27705	0.78191
595142.43	4172281.44	Offsite Residential	1.10528	0.35715	0.55534	1.336	1.11593	1.11593	1.73297	0.30353	0.92303
595162.43	4172281.44	Offsite Residential	1.1357	0.39085	0.63042	1.52477	1.27338	1.27338	1.77389	0.3334	1.10456
595042.43	4172301.44	Offsite Residential	0.98465	0.19639	0.31128	0.82182	0.68718	0.68718	1.54433	0.17912	0.40501
595062.43	4172301.44	Offsite Residential	1.03496	0.21025	0.33552	0.89999	0.75232	0.75232	1.64637	0.19314	0.4524
595082.43	4172301.44	Offsite Residential	1.08523	0.22486	0.36368	0.98819	0.82582	0.82582	1.74841	0.20794	0.50864
595102.43	4172301.44	Offsite Residential	1.13562	0.24059	0.39716	1.09063	0.91119	0.91119	1.8503	0.22404	0.57722
595122.43	4172301.44	Offsite Residential	1.19113	0.25992	0.44069	1.22678	1.02477	1.02477	1.96558	0.24487	0.67005
595142.43	4172301.44	Offsite Residential	1.24629	0.2814	0.49374	1.39414	1.16438	1.16438	2.07842	0.26823	0.78836
595162.43	4172301.44	Offsite Residential	1.30087	0.30485	0.55964	1.60822	1.34299	1.34299	2.18614	0.29505	0.94371
595042.43	4172321.44	Offsite Residential	1.04647	0.16275	0.28623	0.84388	0.70569	0.70569	1.68045	0.16336	0.35766
595062.43	4172321.44	Offsite Residential	1.10782	0.17311	0.30522	0.9269	0.77489	0.77489	1.8122	0.17598	0.39498
595082.43	4172321.44	Offsite Residential	1.1654	0.18354	0.32478	1.00802	0.84137	0.84137	1.93491	0.18894	0.42948
595102.43	4172321.44	Offsite Residential	1.23482	0.1949	0.35286	1.12877	0.94321	0.94321	2.09104	0.20314	0.49024
595122.43	4172321.44	Offsite Residential	1.30692	0.20849	0.38669	1.27257	1.06304	1.06304	2.25677	0.22103	0.56031
595142.43	4172321.44	Offsite Residential	1.38521	0.2242	0.42969	1.46077	1.22003	1.22003	2.44279	0.24257	0.65308
595162.43	4172321.44	Offsite Residential	1.46493	0.24073	0.4819	1.69627	1.41649	1.41649	2.63322	0.26588	0.7707
595022.43	4172341.44	Offsite Residential	1.03215	0.12886	0.25315	0.79081	0.66158	0.66158	1.6516	0.14072	0.29404
595042.43	4172341.44	Offsite Residential	1.09955	0.1362	0.26479	0.86591	0.72419	0.72419	1.79774	0.15104	0.3178
595062.43	4172341.44	Offsite Residential	1.17122	0.14402	0.27851	0.95325	0.797	0.797	1.95762	0.16236	0.34595
595082.43	4172341.44	Offsite Residential	1.24673	0.15219	0.2945	1.0543	0.88123	0.88123	2.13069	0.17444	0.37878
595102.43	4172341.44	Offsite Residential	1.32724	0.16094	0.3138	1.17512	0.98195	0.98195	2.32117	0.18775	0.41838
595122.43	4172341.44	Offsite Residential	1.41421	0.17055	0.33782	1.32467	1.10664	1.10664	2.53462	0.20281	0.46755
595142.43	4172341.44	Offsite Residential	1.51421	0.18235	0.36944	1.5313	1.27908	1.27908	2.79453	0.22204	0.53515
595162.43	4172341.44	Offsite Residential	1.62045	0.19475	0.40791	1.79556	1.49962	1.49962	3.08176	0.2429	0.61913
595059.20	4172311.10	Onsite Worker	1.43923	7.88917	10.99584	2.34398	1.95955	1.95955	2.33913	3.6076	3.37629
595453.66	4172369.33	Onsite Worker	5.17173	1.40981	9.73108	2.74868	2.29348	2.29348	5.72208	1.38581	3.73319
595568.33	4173021.18	Offsite Worker	0.43964	0.07503	0.37739	0.21526	0.17684	0.17684	0.31638	0.07951	0.35914
595515.00	4172097.00	Onsite Worker	0.15367	2.29933	9.97092	4.65949	3.88894	3.88894	0.26828	7.59541	4.68244
595271.59	4172931.11	Fenceline	0.20063	0.04737	0.06627	0.36044	0.29653	0.29653	0.32993	0.06283	2.15694
595259.54	4172956.67	Fenceline	0.16881	0.04391	0.03903	0.29374	0.24218	0.24218	0.27824	0.05839	1.7374
595229.53	4172979.48	Fenceline	0.13309	0.03926	2.84773	0.23175	0.19309	0.19309	0.22411	0.05274	1.46832
595158.78	4172948.61	Fenceline	0.10956	0.03618	1.32615	0.20882	0.17996	0.17996	0.1984	0.04956	2.95868
595424.36	4172061.47	Fenceline	0.14186	1.69746	3.24469	6.25621	5.47679	5.47679	0.23302	3.67873	1.8588
595637.78	4172033.56	Fenceline	0.11945	0.99435	3.98104	8.75956	7.3236	7.3236	0.21301	2.22312	1.17784
595497.98	4172589.45	Fenceline	15.08894	0.36292	0.96447	1.33317	1.11164	1.11164	3.64264	0.36043	0.79742
595440.32	4172695.89	Fenceline	13.31624	0.15075	2.20868	1.15788	0.9643	0.9643	2.19961	0.17319	1.31367
595531.70	4172736.24	Fenceline	4.82592	0.1794	4.80356	0.6633	0.5525	0.5525	1.19454	0.18174	1.59413
595503.43	4172797.49	Fenceline	2.99501	0.12977	2.69089	0.56278	0.46862	0.46862	0.93619	0.13868	5.4648
595293.61	4172706.67	Fenceline	2.36407	0.08318	7.29429	3.54601	2.95483	2.95483	2.37903	0.11358	4.2852
595216.89	4172907.31	Fenceline	0.16228	0.04345	6.61083	0.36281	0.30364	0.30364	0.29365	0.05919	6.5159

Receptor			3rd Tri GLC Concentration (ug/m³)								
			Offroad Equipment			Delivery Trucks			Truck Idling		
X	Y	Rec Group ID	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
595062.43	4172221.44	Offsite Residential	2.39E-02	6.63E-03	0.00E+00	8.09E-05	1.69E-05	0.00E+00	4.20E-05	3.68E-06	0.00E+00
595082.43	4172221.44	Offsite Residential	2.42E-02	7.32E-03	0.00E+00	8.80E-05	1.84E-05	0.00E+00	4.22E-05	4.03E-06	0.00E+00
595102.43	4172221.44	Offsite Residential	2.44E-02	8.14E-03	0.00E+00	9.65E-05	2.02E-05	0.00E+00	4.22E-05	4.46E-06	0.00E+00
595122.43	4172221.44	Offsite Residential	2.44E-02	9.07E-03	0.00E+00	1.06E-04	2.22E-05	0.00E+00	4.18E-05	4.93E-06	0.00E+00
595142.43	4172221.44	Offsite Residential	2.43E-02	1.02E-02	0.00E+00	1.18E-04	2.46E-05	0.00E+00	4.12E-05	5.50E-06	0.00E+00
595162.43	4172221.44	Offsite Residential	2.42E-02	1.15E-02	0.00E+00	1.32E-04	2.77E-05	0.00E+00	4.03E-05	6.18E-06	0.00E+00
595062.43	4172241.44	Offsite Residential	2.67E-02	5.56E-03	0.00E+00	8.30E-05	1.74E-05	0.00E+00	4.87E-05	3.12E-06	0.00E+00
595082.43	4172241.44	Offsite Residential	2.72E-02	6.18E-03	0.00E+00	9.06E-05	1.89E-05	0.00E+00	4.96E-05	3.46E-06	0.00E+00
595102.43	4172241.44	Offsite Residential	2.77E-02	6.72E-03	0.00E+00	9.94E-05	2.08E-05	0.00E+00	5.02E-05	3.72E-06	0.00E+00
595122.43	4172241.44	Offsite Residential	2.80E-02	7.44E-03	0.00E+00	1.10E-04	2.29E-05	0.00E+00	5.03E-05	4.09E-06	0.00E+00
595142.43	4172241.44	Offsite Residential	2.82E-02	8.32E-03	0.00E+00	1.23E-04	2.57E-05	0.00E+00	5.03E-05	4.53E-06	0.00E+00
595162.43	4172241.44	Offsite Residential	2.82E-02	9.39E-03	0.00E+00	1.39E-04	2.91E-05	0.00E+00	4.98E-05	5.07E-06	0.00E+00
595062.43	4172261.44	Offsite Residential	2.95E-02	4.60E-03	0.00E+00	8.54E-05	1.79E-05	0.00E+00	5.61E-05	2.68E-06	0.00E+00
595082.43	4172261.44	Offsite Residential	3.04E-02	5.01E-03	0.00E+00	9.36E-05	1.96E-05	0.00E+00	5.80E-05	2.91E-06	0.00E+00
595102.43	4172261.44	Offsite Residential	3.12E-02	5.45E-03	0.00E+00	1.02E-04	2.14E-05	0.00E+00	5.93E-05	3.15E-06	0.00E+00
595122.43	4172261.44	Offsite Residential	3.19E-02	5.99E-03	0.00E+00	1.14E-04	2.37E-05	0.00E+00	6.05E-05	3.44E-06	0.00E+00
595142.43	4172261.44	Offsite Residential	3.26E-02	6.64E-03	0.00E+00	1.28E-04	2.68E-05	0.00E+00	6.16E-05	3.81E-06	0.00E+00
595042.43	4172281.44	Offsite Residential	3.09E-02	3.49E-03	0.00E+00	8.04E-05	1.68E-05	0.00E+00	6.05E-05	2.17E-06	0.00E+00
595062.43	4172281.44	Offsite Residential	3.22E-02	3.77E-03	0.00E+00	8.77E-05	1.83E-05	0.00E+00	6.37E-05	2.34E-06	0.00E+00
595082.43	4172281.44	Offsite Residential	3.35E-02	4.07E-03	0.00E+00	9.64E-05	2.01E-05	0.00E+00	6.69E-05	2.54E-06	0.00E+00
595102.43	4172281.44	Offsite Residential	3.47E-02	4.38E-03	0.00E+00	1.05E-04	2.20E-05	0.00E+00	6.94E-05	2.72E-06	0.00E+00
595122.43	4172281.44	Offsite Residential	3.61E-02	4.79E-03	0.00E+00	1.19E-04	2.48E-05	0.00E+00	7.26E-05	3.00E-06	0.00E+00
595142.43	4172281.44	Offsite Residential	3.72E-02	5.23E-03	0.00E+00	1.34E-04	2.80E-05	0.00E+00	7.50E-05	3.28E-06	0.00E+00
595162.43	4172281.44	Offsite Residential	3.83E-02	5.73E-03	0.00E+00	1.53E-04	3.19E-05	0.00E+00	7.68E-05	3.61E-06	0.00E+00
595042.43	4172301.44	Offsite Residential	3.32E-02	2.88E-03	0.00E+00	8.24E-05	1.72E-05	0.00E+00	6.68E-05	1.94E-06	0.00E+00
595062.43	4172301.44	Offsite Residential	3.49E-02	3.08E-03	0.00E+00	9.02E-05	1.88E-05	0.00E+00	7.12E-05	2.09E-06	0.00E+00
595082.43	4172301.44	Offsite Residential	3.66E-02	3.29E-03	0.00E+00	9.90E-05	2.07E-05	0.00E+00	7.57E-05	2.25E-06	0.00E+00
595102.43	4172301.44	Offsite Residential	3.82E-02	3.52E-03	0.00E+00	1.09E-04	2.28E-05	0.00E+00	8.01E-05	2.42E-06	0.00E+00
595122.43	4172301.44	Offsite Residential	4.01E-02	3.81E-03	0.00E+00	1.23E-04	2.57E-05	0.00E+00	8.51E-05	2.65E-06	0.00E+00
595142.43	4172301.44	Offsite Residential	4.20E-02	4.12E-03	0.00E+00	1.40E-04	2.92E-05	0.00E+00	8.99E-05	2.90E-06	0.00E+00
595162.43	4172301.44	Offsite Residential	4.38E-02	4.47E-03	0.00E+00	1.61E-04	3.36E-05	0.00E+00	9.46E-05	3.19E-06	0.00E+00
595042.43	4172321.44	Offsite Residential	3.52E-02	2.38E-03	0.00E+00	8.48E-05	1.77E-05	0.00E+00	7.27E-05	1.77E-06	0.00E+00
595062.43	4172321.44	Offsite Residential	3.73E-02	2.54E-03	0.00E+00	9.29E-05	1.94E-05	0.00E+00	7.84E-05	1.90E-06	0.00E+00
595082.43	4172321.44	Offsite Residential	3.93E-02	2.40E-03	0.00E+00	1.01E-04	2.11E-05	0.00E+00	8.37E-05	2.02E-06	0.00E+00
595102.43	4172321.44	Offsite Residential	4.16E-02	2.86E-03	0.00E+00	1.13E-04	2.36E-05	0.00E+00	9.05E-05	2.20E-06	0.00E+00
595122.43	4172321.44	Offsite Residential	4.40E-02	3.05E-03	0.00E+00	1.28E-04	2.66E-05	0.00E+00	9.77E-05	2.39E-06	0.00E+00
595142.43	4172321.44	Offsite Residential	4.67E-02	3.28E-03	0.00E+00	1.46E-04	3.06E-05	0.00E+00	1.06E-04	2.62E-06	0.00E+00
595162.43	4172321.44	Offsite Residential	4.93E-02	3.53E-03	0.00E+00	1.70E-04	3.55E-05	0.00E+00	1.14E-04	2.88E-06	0.00E+00
595022.43	4172341.44	Offsite Residential	3.48E-02	1.89E-03	0.00E+00	7.93E-05	1.66E-05	0.00E+00	7.15E-05	1.52E-06	0.00E+00
595042.43	4172341.44	Offsite Residential	3.70E-02	2.00E-03	0.00E+00	8.68E-05	1.81E-05	0.00E+00	7.78E-05	1.63E-06	0.00E+00
595062.43	4172341.44	Offsite Residential	3.94E-02	2.11E-03	0.00E+00	9.55E-05	2.00E-05	0.00E+00	8.47E-05	1.76E-06	0.00E+00
595082.43	4172341.44	Offsite Residential	4.20E-02	2.23E-03	0.00E+00	1.06E-04	2.21E-05	0.00E+00	9.22E-05	1.89E-06	0.00E+00
595102.43	4172341.44	Offsite Residential	4.47E-02	2.36E-03	0.00E+00	1.18E-04	2.46E-05	0.00E+00	1.00E-04	2.03E-06	0.00E+00
595122.43	4172341.44	Offsite Residential	4.76E-02	2.50E-03	0.00E+00	1.33E-04	2.77E-05	0.00E+00	1.09E-04	2.19E-06	0.00E+00
595142.43	4172341.44	Offsite Residential	5.10E-02	2.67E-03	0.00E+00	1.53E-04	3.20E-05	0.00E+00	1.21E-04	2.40E-06	0.00E+00
595162.43	4172341.44	Offsite Residential	5.46E-02	2.85E-03	0.00E+00	1.80E-04	3.76E-05	0.00E+00	1.33E-04	2.63E-06	0.00E+00
595059.20	4172311.10	Onsite Worker	4.85E-02	1.15E-01	0.00E+00	2.35E-04	4.91E-05	0.00E+00	1.01E-04	3.90E-05	0.00E+00
595453.66	4172369.33	Onsite Worker	1.74E-01	2.06E-02	0.00E+00	2.75E-04	5.75E-05	0.00E+00	2.48E-04	1.50E-05	0.00E+00
595568.33	4173021.18	Offsite Worker	1.48E-02	1.10E-03	0.00E+00	2.16E-05	4.43E-06	0.00E+00	1.37E-05	8.60E-07	0.00E+00
595515.00	4172097.00	Onsite Worker	5.18E-03	3.37E-02	0.00E+00	4.67E-04	9.74E-05	0.00E+00	1.16E-05	8.22E-05	0.00E+00
595271.59	4172931.11	Fenceline	6.76E-03	6.94E-04	0.00E+00	3.61E-05	7.43E-06	0.00E+00	1.43E-05	6.80E-07	0.00E+00
595259.54	4172956.67	Fenceline	5.69E-03	6.43E-04	0.00E+00	2.94E-05	6.07E-06	0.00E+00	1.20E-05	6.32E-07	0.00E+00
595229.53	4172979.48	Fenceline	4.48E-03	5.75E-04	0.00E+00	2.32E-05	4.84E-06	0.00E+00	9.70E-06	5.71E-07	0.00E+00
595158.78	4172948.61	Fenceline	3.69E-03	5.30E-04	0.00E+00	2.09E-05	4.51E-06	0.00E+00	8.59E-06	5.36E-07	0.00E+00
595424.36	4172061.47	Fenceline	4.78E-03	2.49E-02	0.00E+00	6.27E-04	1.37E-04	0.00E+00	1.01E-05	3.98E-05	0.00E+00
595637.78	4172033.56	Fenceline	4.02E-03	1.46E-02	0.00E+00	8.78E-04	1.83E-04	0.00E+00	9.22E-06	2.40E-05	0.00E+00
595497.98	4172589.45	Fenceline	5.08E-01	5.32E-03	0.00E+00	1.34E-04	2.79E-05	0.00E+00	1.58E-04	3.90E-06	0.00E+00
595440.32	4172695.89	Fenceline	4.49E-01	2.21E-03	0.00E+00	1.16E-04	2.42E-05	0.00E+00	9.52E-05	1.87E-06	0.00E+00
595531.70	4172736.24	Fenceline	1.63E-01	2.63E-03	0.00E+00	6.65E-05	1.38E-05	0.00E+00	5.17E-05	1.97E-06	0.00E+00
595503.43	4172797.49	Fenceline	1.01E-01	1.90E-03	0.00E+00	5.64E-05	1.17E-05	0.00E+00	4.05E-05	1.50E-06	0.00E+00
595293.61	4172706.67	Fenceline	7.98E-02	1.22E-03	0.00E+00	3.55E-04	7.40E-05	0.00E+00	1.03E-04	1.23E-06	0.00E+00
595216.89	4172907.31	Fenceline	5.47E-03	6.37E-04	0.00E+00	3.64E-05	7.61E-06	0.00E+00	1.27E-05	6.40E-07	0.00E+00

Receptor			0<2 Years GLC Concentration (ug/m³)								
			Offroad Equipment			Delivery Trucks			Truck Idling		
X	Y	Rec Group ID	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2	Phase 1A	Phase 1B	Phase 2
595062.43	4172221.44	Offsite Residential	1.56E-03	5.23E-03	0.00E+00	4.42E-06	1.85E-05	0.00E+00	2.29E-06	4.03E-06	0.00E+00
595082.43	4172221.44	Offsite Residential	1.57E-03	5.77E-03	0.00E+00	4.81E-06	2.01E-05	0.00E+00	2.30E-06	4.42E-06	0.00E+00
595102.43	4172221.44	Offsite Residential	1.59E-03	6.42E-03	0.00E+00	5.27E-06	2.21E-05	0.00E+00	2.30E-06	4.88E-06	0.00E+00
595122.43	4172221.44	Offsite Residential	1.59E-03	7.16E-03	0.00E+00	5.80E-06	2.43E-05	0.00E+00	2.28E-06	5.40E-06	0.00E+00
595142.43	4172221.44	Offsite Residential	1.58E-03	8.05E-03	0.00E+00	6.44E-06	2.70E-05	0.00E+00	2.25E-06	6.03E-06	0.00E+00
595162.43	4172221.44	Offsite Residential	1.56E-03	9.11E-03	0.00E+00	7.24E-06	3.03E-05	0.00E+00	2.20E-06	6.77E-06	0.00E+00
595062.43	4172241.44	Offsite Residential	1.73E-03	4.38E-03	0.00E+00	4.53E-06	1.90E-05	0.00E+00	2.66E-06	3.41E-06	0.00E+00
595082.43	4172241.44	Offsite Residential	1.77E-03	4.81E-03	0.00E+00	4.95E-06	2.07E-05	0.00E+00	2.71E-06	3.72E-06	0.00E+00
595102.43	4172241.44	Offsite Residential	1.80E-03	5.30E-03	0.00E+00	5.43E-06	2.27E-05	0.00E+00	2.74E-06	4.07E-06	0.00E+00
595122.43	4172241.44	Offsite Residential	1.82E-03	5.87E-03	0.00E+00	6.00E-06	2.51E-05	0.00E+00	2.75E-06	4.47E-06	0.00E+00
595142.43	4172241.44	Offsite Residential	1.83E-03	6.56E-03	0.00E+00	6.71E-06	2.81E-05	0.00E+00	2.75E-06	4.96E-06	0.00E+00
595162.43	4172241.44	Offsite Residential	1.84E-03	7.39E-03	0.00E+00	7.62E-06	3.18E-05	0.00E+00	2.72E-06	5.55E-06	0.00E+00
595062.43	4172261.44	Offsite Residential	1.91E-03	3.63E-03	0.00E+00	4.67E-06	1.96E-05	0.00E+00	3.06E-06	2.93E-06	0.00E+00
595082.43	4172261.44	Offsite Residential	1.97E-03	3.96E-03	0.00E+00	5.11E-06	2.14E-05	0.00E+00	3.17E-06	3.19E-06	0.00E+00
595102.43	4172261.44	Offsite Residential	2.02E-03	4.30E-03	0.00E+00	5.59E-06	2.34E-05	0.00E+00	3.24E-06	3.45E-06	0.00E+00
595122.43	4172261.44	Offsite Residential	2.07E-03	4.72E-03	0.00E+00	6.21E-06	2.60E-05	0.00E+00	3.31E-06	3.77E-06	0.00E+00
595142.43	4172261.44	Offsite Residential	2.12E-03	5.24E-03	0.00E+00	7.00E-06	2.93E-05	0.00E+00	3.36E-06	4.17E-06	0.00E+00
595042.43	4172281.44	Offsite Residential	2.01E-03	2.76E-03	0.00E+00	4.39E-06	1.84E-05	0.00E+00	3.31E-06	2.38E-06	0.00E+00
595062.43	4172281.44	Offsite Residential	2.09E-03	2.97E-03	0.00E+00	4.79E-06	2.01E-05	0.00E+00	3.48E-06	2.56E-06	0.00E+00
595082.43	4172281.44	Offsite Residential	2.18E-03	3.21E-03	0.00E+00	5.27E-06	2.21E-05	0.00E+00	3.65E-06	2.78E-06	0.00E+00
595102.43	4172281.44	Offsite Residential	2.25E-03	3.46E-03	0.00E+00	5.76E-06	2.41E-05	0.00E+00	3.79E-06	2.98E-06	0.00E+00
595122.43	4172281.44	Offsite Residential	2.34E-03	3.78E-03	0.00E+00	6.48E-06	2.71E-05	0.00E+00	3.96E-06	3.28E-06	0.00E+00
595142.43	4172281.44	Offsite Residential	2.42E-03	4.13E-03	0.00E+00	7.31E-06	3.06E-05	0.00E+00	4.10E-06	3.60E-06	0.00E+00
595162.43	4172281.44	Offsite Residential	2.49E-03	4.52E-03	0.00E+00	8.35E-06	3.49E-05	0.00E+00	4.19E-06	3.95E-06	0.00E+00
595042.43	4172301.44	Offsite Residential	2.15E-03	2.27E-03	0.00E+00	4.50E-06	1.89E-05	0.00E+00	3.65E-06	2.12E-06	0.00E+00
595062.43	4172301.44	Offsite Residential	2.26E-03	2.43E-03	0.00E+00	4.93E-06	2.06E-05	0.00E+00	3.80E-06	2.29E-06	0.00E+00
595082.43	4172301.44	Offsite Residential	2.37E-03	2.60E-03	0.00E+00	5.41E-06	2.27E-05	0.00E+00	4.13E-06	2.46E-06	0.00E+00
595102.43	4172301.44	Offsite Residential	2.49E-03	2.78E-03	0.00E+00	5.97E-06	2.50E-05	0.00E+00	4.37E-06	2.65E-06	0.00E+00
595122.43	4172301.44	Offsite Residential	2.61E-03	3.00E-03	0.00E+00	6.72E-06	2.81E-05	0.00E

Construction Cancer Risks

Age Bins-Residential	CSTN years	DPM CancerRisk Factor (m3/ug per year per million)			
		Residential	Onsite/Offsite Worker	Onsite Daycare	CSP Child
3rd Tri	0.25	46.24	10.40	86.79	140.78
0 < 2	0.75	139.61			18.47
2 < 16	1.00	18.62			
16<30	0.00	n/a			

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
595574.00	4171743.00	2.85E-03	1.22E-03	1.95E-04	0.03	0.13	0.00	0.16	0.02	0.02			Offsite Worker
595594.00	4171743.00	2.78E-03	1.18E-03	1.91E-04	0.03	0.12	0.00	0.16	0.02	0.02			Offsite Worker
595614.00	4171743.00	2.73E-03	1.16E-03	1.90E-04	0.03	0.12	0.00	0.16	0.02	0.02			Offsite Worker
595634.00	4171743.00	2.65E-03	1.12E-03	1.88E-04	0.03	0.12	0.00	0.15	0.02	0.02			Offsite Worker
595654.00	4171743.00	2.65E-03	1.12E-03	1.93E-04	0.03	0.12	0.00	0.15	0.02	0.02			Offsite Worker
595674.00	4171743.00	2.63E-03	1.12E-03	1.98E-04	0.03	0.12	0.00	0.15	0.02	0.02			Offsite Worker
595694.00	4171743.00	2.61E-03	1.11E-03	2.06E-04	0.03	0.12	0.00	0.15	0.02	0.02			Offsite Worker
595534.00	4171763.00	3.20E-03	1.40E-03	2.27E-04	0.04	0.15	0.00	0.19	0.02	0.02			Offsite Worker
595554.00	4171763.00	3.09E-03	1.34E-03	2.17E-04	0.04	0.14	0.00	0.18	0.02	0.02			Offsite Worker
595574.00	4171763.00	3.05E-03	1.32E-03	2.16E-04	0.04	0.14	0.00	0.18	0.02	0.02			Offsite Worker
595594.00	4171763.00	2.98E-03	1.29E-03	2.13E-04	0.03	0.13	0.00	0.17	0.02	0.02			Offsite Worker
595614.00	4171763.00	2.91E-03	1.25E-03	2.13E-04	0.03	0.13	0.00	0.17	0.02	0.02			Offsite Worker
595634.00	4171763.00	2.87E-03	1.23E-03	2.15E-04	0.03	0.13	0.00	0.17	0.02	0.02			Offsite Worker
595654.00	4171763.00	2.85E-03	1.23E-03	2.19E-04	0.03	0.13	0.00	0.17	0.02	0.02			Offsite Worker
595674.00	4171763.00	2.84E-03	1.23E-03	2.27E-04	0.03	0.13	0.00	0.17	0.02	0.02			Offsite Worker
595694.00	4171763.00	2.79E-03	1.21E-03	2.31E-04	0.03	0.13	0.00	0.16	0.02	0.02			Offsite Worker
595714.00	4171763.00	2.83E-03	1.23E-03	2.43E-04	0.03	0.13	0.00	0.17	0.02	0.02			Offsite Worker
595734.00	4171763.00	2.95E-03	1.31E-03	2.66E-04	0.03	0.14	0.00	0.18	0.02	0.02			Offsite Worker
595754.00	4171763.00	3.01E-03	1.35E-03	2.80E-04	0.03	0.14	0.01	0.18	0.02	0.02			Offsite Worker
595534.00	4171783.00	3.41E-03	1.51E-03	2.50E-04	0.04	0.16	0.00	0.20	0.02	0.02			Offsite Worker
595554.00	4171783.00	3.32E-03	1.46E-03	2.42E-04	0.04	0.15	0.00	0.20	0.02	0.02			Offsite Worker
595574.00	4171783.00	3.24E-03	1.42E-03	2.38E-04	0.04	0.15	0.00	0.19	0.02	0.02			Offsite Worker
595594.00	4171783.00	3.15E-03	1.38E-03	2.34E-04	0.04	0.14	0.00	0.18	0.02	0.02			Offsite Worker
595614.00	4171783.00	3.09E-03	1.34E-03	2.34E-04	0.04	0.14	0.00	0.18	0.02	0.02			Offsite Worker
595634.00	4171783.00	3.09E-03	1.35E-03	2.45E-04	0.04	0.14	0.00	0.18	0.02	0.02			Offsite Worker
595654.00	4171783.00	3.09E-03	1.36E-03	2.53E-04	0.04	0.14	0.00	0.18	0.02	0.02			Offsite Worker
595674.00	4171783.00	3.09E-03	1.37E-03	2.64E-04	0.04	0.14	0.00	0.18	0.02	0.02			Offsite Worker
595694.00	4171783.00	3.03E-03	1.33E-03	2.66E-04	0.04	0.14	0.00	0.18	0.02	0.02			Offsite Worker
595714.00	4171783.00	3.15E-03	1.41E-03	2.94E-04	0.04	0.15	0.01	0.19	0.02	0.02			Offsite Worker
595734.00	4171783.00	3.24E-03	1.47E-03	3.13E-04	0.04	0.15	0.01	0.20	0.02	0.02			Offsite Worker
595754.00	4171783.00	3.32E-03	1.52E-03	3.27E-04	0.04	0.16	0.01	0.20	0.02	0.02			Offsite Worker
595774.00	4171783.00	3.46E-03	1.61E-03	3.47E-04	0.04	0.17	0.01	0.22	0.03	0.02			Offsite Worker
595534.00	4171803.00	3.67E-03	1.65E-03	2.80E-04	0.04	0.17	0.01	0.22	0.03	0.02			Offsite Worker
595554.00	4171803.00	3.57E-03	1.60E-03	2.72E-04	0.04	0.17	0.01	0.21	0.02	0.02			Offsite Worker
595574.00	4171803.00	3.54E-03	1.58E-03	2.74E-04	0.04	0.17	0.01	0.21	0.02	0.02			Offsite Worker
595594.00	4171803.00	3.46E-03	1.55E-03	2.73E-04	0.04	0.16	0.01	0.21	0.02	0.02			Offsite Worker
595614.00	4171803.00	3.40E-03	1.52E-03	2.77E-04	0.04	0.16	0.01	0.20	0.02	0.02			Offsite Worker
595634.00	4171803.00	3.35E-03	1.49E-03	2.84E-04	0.04	0.16	0.01	0.20	0.02	0.02			Offsite Worker
595654.00	4171803.00	3.29E-03	1.46E-03	2.88E-04	0.04	0.15	0.01	0.20	0.02	0.02			Offsite Worker
595674.00	4171803.00	3.29E-03	1.47E-03	2.99E-04	0.04	0.15	0.01	0.20	0.02	0.02			Offsite Worker
595694.00	4171803.00	3.33E-03	1.50E-03	3.15E-04	0.04	0.16	0.01	0.20	0.02	0.02			Offsite Worker
595714.00	4171803.00	3.54E-03	1.64E-03	3.51E-04	0.04	0.17	0.01	0.22	0.03	0.02			Offsite Worker
595734.00	4171803.00	3.59E-03	1.67E-03	3.71E-04	0.04	0.17	0.01	0.22	0.03	0.02			Offsite Worker
595754.00	4171803.00	3.69E-03	1.73E-03	3.86E-04	0.04	0.18	0.01	0.23	0.03	0.02			Offsite Worker
595514.00	4171823.00	4.13E-03	1.90E-03	3.35E-04	0.05	0.20	0.01	0.25	0.03	0.03			Offsite Worker
595534.00	4171823.00	3.97E-03	1.82E-03	3.18E-04	0.05	0.19	0.01	0.24	0.03	0.02			Offsite Worker
595554.00	4171823.00	3.87E-03	1.76E-03	3.11E-04	0.04	0.18	0.01	0.23	0.03	0.02			Offsite Worker
595574.00	4171823.00	3.82E-03	1.74E-03	3.12E-04	0.04	0.18	0.01	0.23	0.03	0.02			Offsite Worker
595594.00	4171823.00	3.75E-03	1.70E-03	3.14E-04	0.04	0.18	0.01	0.23	0.03	0.02			Offsite Worker
595614.00	4171823.00	3.70E-03	1.68E-03	3.22E-04	0.04	0.18	0.01	0.23	0.03	0.02			Offsite Worker
595634.00	4171823.00	3.68E-03	1.68E-03	3.34E-04	0.04	0.18	0.01	0.22	0.03	0.02			Offsite Worker
595654.00	4171823.00	3.69E-03	1.69E-03	3.51E-04	0.04	0.18	0.01	0.23	0.03	0.02			Offsite Worker
595674.00	4171823.00	3.69E-03	1.69E-03	3.71E-04	0.04	0.18	0.01	0.23	0.03	0.02			Offsite Worker
595694.00	4171823.00	3.69E-03	1.70E-03	3.80E-04	0.04	0.18	0.01	0.23	0.03	0.02			Offsite Worker
595714.00	4171823.00	3.95E-03	1.88E-03	4.23E-04	0.05	0.20	0.01	0.25	0.03	0.02			Offsite Worker
595734.00	4171823.00	4.03E-03	1.92E-03	4.48E-04	0.05	0.20	0.01	0.26	0.03	0.03			Offsite Worker

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
595754.00	4171823.00	4.19E-03	2.02E-03	4.70E-04	0.05	0.21	0.01	0.27	0.03	0.03			Offsite Worker
595514.00	4171843.00	4.48E-03	2.10E-03	3.84E-04	0.05	0.22	0.01	0.28	0.03	0.03			Offsite Worker
595534.00	4171843.00	4.32E-03	2.01E-03	3.66E-04	0.05	0.21	0.01	0.27	0.03	0.03			Offsite Worker
595554.00	4171843.00	4.19E-03	1.94E-03	3.57E-04	0.05	0.20	0.01	0.26	0.03	0.03			Offsite Worker
595574.00	4171843.00	4.17E-03	1.94E-03	3.67E-04	0.05	0.20	0.01	0.26	0.03	0.03			Offsite Worker
595594.00	4171843.00	4.09E-03	1.90E-03	3.69E-04	0.05	0.20	0.01	0.25	0.03	0.03			Offsite Worker
595614.00	4171843.00	4.05E-03	1.88E-03	3.83E-04	0.05	0.20	0.01	0.25	0.03	0.03			Offsite Worker
595634.00	4171843.00	4.05E-03	1.89E-03	4.00E-04	0.05	0.20	0.01	0.25	0.03	0.03			Offsite Worker
595654.00	4171843.00	4.08E-03	1.92E-03	4.24E-04	0.05	0.20	0.01	0.26	0.03	0.03			Offsite Worker
595674.00	4171843.00	4.04E-03	1.89E-03	4.37E-04	0.05	0.20	0.01	0.25	0.03	0.03			Offsite Worker
595694.00	4171843.00	4.16E-03	1.97E-03	4.70E-04	0.05	0.21	0.01	0.26	0.03	0.03			Offsite Worker
595714.00	4171843.00	4.41E-03	2.14E-03	5.17E-04	0.05	0.22	0.01	0.28	0.03	0.03			Offsite Worker
595734.00	4171843.00	4.55E-03	2.23E-03	5.44E-04	0.05	0.23	0.01	0.30	0.03	0.03			Offsite Worker
595754.00	4171843.00	4.78E-03	2.38E-03	5.73E-04	0.06	0.25	0.01	0.31	0.04	0.03			Offsite Worker
595514.00	4171863.00	4.88E-03	2.33E-03	4.46E-04	0.06	0.24	0.01	0.31	0.04	0.03			Offsite Worker
595534.00	4171863.00	4.72E-03	2.24E-03	4.28E-04	0.05	0.23	0.01	0.30	0.03	0.03			Offsite Worker
595554.00	4171863.00	4.58E-03	2.16E-03	4.19E-04	0.05	0.23	0.01	0.29	0.03	0.03			Offsite Worker
595574.00	4171863.00	4.46E-03	2.10E-03	4.17E-04	0.05	0.22	0.01	0.28	0.03	0.03			Offsite Worker
595594.00	4171863.00	4.38E-03	2.05E-03	4.24E-04	0.05	0.21	0.01	0.27	0.03	0.03			Offsite Worker
595614.00	4171863.00	4.32E-03	2.03E-03	4.39E-04	0.05	0.21	0.01	0.27	0.03	0.03			Offsite Worker
595634.00	4171863.00	4.38E-03	2.06E-03	4.75E-04	0.05	0.22	0.01	0.28	0.03	0.03			Offsite Worker
595654.00	4171863.00	4.56E-03	2.20E-03	5.23E-04	0.05	0.23	0.01	0.29	0.03	0.03			Offsite Worker
595674.00	4171863.00	4.49E-03	2.16E-03	5.33E-04	0.05	0.23	0.01	0.29	0.03	0.03			Offsite Worker
595694.00	4171863.00	4.77E-03	2.33E-03	5.99E-04	0.06	0.24	0.01	0.31	0.04	0.03			Offsite Worker
595714.00	4171863.00	4.97E-03	2.47E-03	6.37E-04	0.06	0.26	0.01	0.33	0.04	0.03			Offsite Worker
595734.00	4171863.00	5.20E-03	2.62E-03	6.68E-04	0.06	0.27	0.01	0.35	0.04	0.03			Offsite Worker
595754.00	4171863.00	5.50E-03	2.81E-03	7.02E-04	0.06	0.29	0.01	0.37	0.04	0.04			Offsite Worker
595774.00	4171863.00	5.83E-03	3.01E-03	7.30E-04	0.07	0.32	0.01	0.40	0.05	0.04			Offsite Worker
595794.00	4171863.00	6.17E-03	3.23E-03	7.53E-04	0.07	0.34	0.01	0.42	0.05	0.04			Offsite Worker
595814.00	4171863.00	6.49E-03	3.42E-03	7.65E-04	0.08	0.36	0.01	0.45	0.05	0.04			Offsite Worker
595514.00	4171883.00	5.38E-03	2.62E-03	5.34E-04	0.06	0.27	0.01	0.35	0.04	0.03			Offsite Worker
595534.00	4171883.00	5.21E-03	2.53E-03	5.15E-04	0.06	0.26	0.01	0.33	0.04	0.03			Offsite Worker
595554.00	4171883.00	5.05E-03	2.43E-03	5.04E-04	0.06	0.25	0.01	0.32	0.04	0.03			Offsite Worker
595574.00	4171883.00	4.91E-03	2.36E-03	5.04E-04	0.06	0.25	0.01	0.31	0.04	0.03			Offsite Worker
595594.00	4171883.00	4.83E-03	2.31E-03	5.18E-04	0.06	0.24	0.01	0.31	0.04	0.03			Offsite Worker
595614.00	4171883.00	4.79E-03	2.30E-03	5.41E-04	0.06	0.24	0.01	0.31	0.04	0.03			Offsite Worker
595634.00	4171883.00	4.82E-03	2.32E-03	5.75E-04	0.06	0.24	0.01	0.31	0.04	0.03			Offsite Worker
595654.00	4171883.00	4.97E-03	2.42E-03	6.33E-04	0.06	0.25	0.01	0.32	0.04	0.03			Offsite Worker
595674.00	4171883.00	5.09E-03	2.51E-03	6.71E-04	0.06	0.26	0.01	0.33	0.04	0.03			Offsite Worker
595694.00	4171883.00	5.45E-03	2.74E-03	7.53E-04	0.06	0.29	0.01	0.36	0.04	0.04			Offsite Worker
595714.00	4171883.00	5.75E-03	2.94E-03	8.00E-04	0.07	0.31	0.01	0.39	0.05	0.04			Offsite Worker
595734.00	4171883.00	6.04E-03	3.14E-03	8.36E-04	0.07	0.33	0.02	0.41	0.05	0.04			Offsite Worker
595754.00	4171883.00	6.38E-03	3.35E-03	8.64E-04	0.07	0.35	0.02	0.44	0.05	0.04			Offsite Worker
595774.00	4171883.00	6.77E-03	3.60E-03	8.88E-04	0.08	0.38	0.02	0.47	0.05	0.05			Offsite Worker
595794.00	4171883.00	7.12E-03	3.81E-03	8.98E-04	0.08	0.40	0.02	0.50	0.06	0.05			Offsite Worker
595814.00	4171883.00	7.55E-03	4.07E-03	9.07E-04	0.09	0.43	0.02	0.53	0.06	0.05			Offsite Worker
595514.00	4171903.00	5.94E-03	2.96E-03	6.51E-04	0.07	0.31	0.01	0.39	0.05	0.04			Offsite Worker
595534.00	4171903.00	5.74E-03	2.84E-03	6.25E-04	0.07	0.30	0.01	0.38	0.04	0.04			Offsite Worker
595554.00	4171903.00	5.59E-03	2.75E-03	6.20E-04	0.06	0.29	0.01	0.36	0.04	0.04			Offsite Worker
595574.00	4171903.00	5.48E-03	2.69E-03	6.34E-04	0.06	0.28	0.01	0.36	0.04	0.04			Offsite Worker
595594.00	4171903.00	5.41E-03	2.65E-03	6.58E-04	0.06	0.28	0.01	0.35	0.04	0.03			Offsite Worker
595614.00	4171903.00	5.40E-03	2.66E-03	6.96E-04	0.06	0.28	0.01	0.35	0.04	0.03			Offsite Worker
595634.00	4171903.00	5.44E-03	2.69E-03	7.36E-04	0.06	0.28	0.01	0.36	0.04	0.04			Offsite Worker
595654.00	4171903.00	5.62E-03	2.81E-03	8.02E-04	0.06	0.29	0.01	0.37	0.04	0.04			Offsite Worker
595674.00	4171903.00	5.85E-03	2.98E-03	8.66E-04	0.07	0.31	0.02	0.40	0.05	0.04			Offsite Worker
595694.00	4171903.00	6.20E-03	3.21E-03	9.36E-04	0.07	0.34	0.02	0.43	0.05	0.04			Offsite Worker
595714.00	4171903.00	6.86E-03	3.67E-03	1.01E-03	0.08	0.38	0.02	0.48	0.06	0.05			Offsite Worker
595734.00	4171903.00	7.08E-03	3.78E-03	1.05E-03	0.08	0.40	0.02	0.50	0.06	0.05			Offsite Worker
595754.00	4171903.00	7.56E-03	4.10E-03	1.07E-03	0.09	0.43	0.02	0.54	0.06	0.05			Offsite Worker
595774.00	4171903.00	8.03E-03	4.40E-03	1.09E-03	0.09	0.46	0.02	0.57	0.07	0.06			Offsite Worker
595794.00	4171903.00	8.45E-03	4.65E-03	1.08E-03	0.10	0.49	0.02	0.61	0.07	0.06			Offsite Worker
595814.00	4171903.00	8.82E-03	4.87E-03	1.07E-03	0.10	0.51	0.02	0.63	0.07	0.06			Offsite Worker
595534.00	4171923.00	6.43E-03	3.25E-03	7.96E-04	0.07	0.34	0.01	0.43	0.05	0.04			Offsite Worker

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
595554.00	4171923.00	6.25E-03	3.14E-03	7.91E-04	0.07	0.33	0.01	0.42	0.05	0.04			Offsite Worker
595574.00	4171923.00	6.14E-03	3.08E-03	8.13E-04	0.07	0.32	0.02	0.41	0.05	0.04			Offsite Worker
595594.00	4171923.00	6.10E-03	3.06E-03	8.55E-04	0.07	0.32	0.02	0.41	0.05	0.04			Offsite Worker
595614.00	4171923.00	6.14E-03	3.10E-03	9.14E-04	0.07	0.32	0.02	0.41	0.05	0.04			Offsite Worker
595634.00	4171923.00	6.27E-03	3.20E-03	9.83E-04	0.07	0.33	0.02	0.43	0.05	0.04			Offsite Worker
595654.00	4171923.00	6.49E-03	3.35E-03	1.06E-03	0.07	0.35	0.02	0.45	0.05	0.04			Offsite Worker
595674.00	4171923.00	6.83E-03	3.59E-03	1.14E-03	0.08	0.38	0.02	0.48	0.06	0.05			Offsite Worker
595694.00	4171923.00	7.24E-03	3.87E-03	1.21E-03	0.08	0.40	0.02	0.51	0.06	0.05			Offsite Worker
595754.00	4171923.00	9.07E-03	5.08E-03	1.33E-03	0.10	0.53	0.02	0.66	0.08	0.06			Offsite Worker
595774.00	4171923.00	9.53E-03	5.36E-03	1.32E-03	0.11	0.56	0.02	0.70	0.08	0.07			Offsite Worker
595794.00	4171923.00	9.96E-03	5.61E-03	1.29E-03	0.12	0.59	0.02	0.73	0.08	0.07			Offsite Worker
595814.00	4171923.00	1.04E-02	5.85E-03	1.26E-03	0.12	0.61	0.02	0.76	0.09	0.07			Offsite Worker
595534.00	4171943.00	7.28E-03	3.77E-03	1.06E-03	0.08	0.39	0.02	0.50	0.06	0.05			Offsite Worker
595554.00	4171943.00	7.08E-03	3.65E-03	1.06E-03	0.08	0.38	0.02	0.48	0.06	0.05			Offsite Worker
595574.00	4171943.00	6.98E-03	3.59E-03	1.09E-03	0.08	0.38	0.02	0.48	0.06	0.05			Offsite Worker
595594.00	4171943.00	6.97E-03	3.59E-03	1.15E-03	0.08	0.38	0.02	0.48	0.06	0.05			Offsite Worker
595614.00	4171943.00	7.07E-03	3.67E-03	1.24E-03	0.08	0.38	0.02	0.49	0.06	0.05			Offsite Worker
595634.00	4171943.00	7.29E-03	3.83E-03	1.33E-03	0.08	0.40	0.02	0.51	0.06	0.05			Offsite Worker
595654.00	4171943.00	7.63E-03	4.07E-03	1.43E-03	0.09	0.43	0.03	0.54	0.07	0.05			Offsite Worker
595674.00	4171943.00	8.10E-03	4.40E-03	1.53E-03	0.09	0.46	0.03	0.58	0.07	0.06			Offsite Worker
595694.00	4171943.00	8.66E-03	4.78E-03	1.60E-03	0.10	0.50	0.03	0.63	0.08	0.06			Offsite Worker
595554.00	4171963.00	8.16E-03	4.30E-03	1.51E-03	0.09	0.45	0.03	0.57	0.07	0.05			Offsite Worker
595574.00	4171963.00	8.08E-03	4.25E-03	1.55E-03	0.09	0.45	0.03	0.57	0.07	0.05			Offsite Worker
595594.00	4171963.00	8.14E-03	4.30E-03	1.64E-03	0.09	0.45	0.03	0.57	0.07	0.05			Offsite Worker
595614.00	4171963.00	8.33E-03	4.44E-03	1.74E-03	0.10	0.47	0.03	0.59	0.07	0.06			Offsite Worker
595634.00	4171963.00	8.69E-03	4.70E-03	1.87E-03	0.10	0.49	0.03	0.63	0.08	0.06			Offsite Worker
595654.00	4171963.00	9.16E-03	5.04E-03	1.98E-03	0.11	0.53	0.04	0.67	0.08	0.06			Offsite Worker
595674.00	4171963.00	9.77E-03	5.47E-03	2.08E-03	0.11	0.57	0.04	0.72	0.09	0.07			Offsite Worker
595574.00	4171983.00	9.56E-03	5.16E-03	2.35E-03	0.11	0.54	0.04	0.69	0.09	0.07			Offsite Worker
595074.00	4172423.00	4.77E-02	4.02E-03	6.00E-04	0.55	0.42	0.01	0.98	0.16	0.16			Offsite Worker
595094.00	4172423.00	5.20E-02	4.35E-03	6.03E-04	0.60	0.46	0.01	1.07	0.18	0.17			Offsite Worker
595074.00	4172443.00	4.76E-02	3.93E-03	6.32E-04	0.55	0.41	0.01	0.97	0.16	0.15			Offsite Worker
595094.00	4172443.00	5.22E-02	4.28E-03	6.31E-04	0.60	0.45	0.01	1.06	0.18	0.17			Offsite Worker
595114.00	4172443.00	5.74E-02	4.68E-03	6.29E-04	0.66	0.49	0.01	1.17	0.19	0.19			Offsite Worker
595134.00	4172443.00	6.34E-02	5.13E-03	6.28E-04	0.73	0.54	0.01	1.28	0.21	0.20			Offsite Worker
595054.00	4172463.00	4.26E-02	3.51E-03	6.90E-04	0.49	0.37	0.01	0.87	0.15	0.14			Offsite Worker
595074.00	4172463.00	4.70E-02	3.83E-03	6.89E-04	0.54	0.40	0.01	0.96	0.16	0.15			Offsite Worker
595094.00	4172463.00	5.19E-02	4.20E-03	6.85E-04	0.60	0.44	0.01	1.05	0.17	0.17			Offsite Worker
595114.00	4172463.00	5.74E-02	4.61E-03	6.80E-04	0.66	0.48	0.01	1.16	0.19	0.19			Offsite Worker
595054.00	4172483.00	4.09E-02	3.31E-03	7.52E-04	0.47	0.35	0.01	0.83	0.14	0.13			Offsite Worker
595074.00	4172483.00	4.58E-02	3.70E-03	7.70E-04	0.53	0.39	0.01	0.93	0.16	0.15			Offsite Worker
595094.00	4172483.00	5.09E-02	4.09E-03	7.68E-04	0.59	0.43	0.01	1.03	0.17	0.16			Offsite Worker
595114.00	4172483.00	5.68E-02	4.52E-03	7.62E-04	0.66	0.47	0.01	1.14	0.19	0.18			Offsite Worker
595034.00	4172503.00	3.55E-02	2.92E-03	8.47E-04	0.41	0.31	0.02	0.73	0.12	0.12			Offsite Worker
595054.00	4172503.00	3.93E-02	3.20E-03	8.60E-04	0.45	0.34	0.02	0.81	0.14	0.13			Offsite Worker
595074.00	4172503.00	4.39E-02	3.54E-03	8.73E-04	0.51	0.37	0.02	0.89	0.15	0.14			Offsite Worker
595094.00	4172503.00	4.92E-02	3.93E-03	8.79E-04	0.57	0.41	0.02	1.00	0.17	0.16			Offsite Worker
595114.00	4172503.00	5.54E-02	4.40E-03	8.80E-04	0.64	0.46	0.02	1.12	0.19	0.18			Offsite Worker
595034.00	4172523.00	3.32E-02	2.74E-03	9.44E-04	0.38	0.29	0.02	0.69	0.12	0.11			Offsite Worker
595054.00	4172523.00	3.70E-02	3.03E-03	9.75E-04	0.43	0.32	0.02	0.76	0.13	0.12			Offsite Worker
595074.00	4172523.00	4.15E-02	3.36E-03	1.00E-03	0.48	0.35	0.02	0.85	0.14	0.13			Offsite Worker
595094.00	4172523.00	4.67E-02	3.75E-03	1.02E-03	0.54	0.39	0.02	0.95	0.16	0.15			Offsite Worker
595034.00	4172543.00	3.05E-02	2.55E-03	1.04E-03	0.35	0.27	0.02	0.64	0.11	0.10			Offsite Worker
595054.00	4172543.00	3.42E-02	2.82E-03	1.10E-03	0.39	0.30	0.02	0.71	0.12	0.11			Offsite Worker
595074.00	4172543.00	3.84E-02	3.14E-03	1.14E-03	0.44	0.33	0.02	0.79	0.14	0.12			Offsite Worker
595094.00	4172543.00	4.36E-02	3.52E-03	1.19E-03	0.50	0.37	0.02	0.90	0.15	0.14			Offsite Worker
595014.00	4172563.00	2.48E-02	2.13E-03	1.08E-03	0.29	0.22	0.02	0.53	0.09	0.08			Offsite Worker
595034.00	4172563.00	2.76E-02	2.34E-03	1.14E-03	0.32	0.25	0.02	0.59	0.10	0.09			Offsite Worker
595054.00	4172563.00	3.09E-02	2.59E-03	1.22E-03	0.36	0.27	0.02	0.65	0.11	0.10			Offsite Worker
595074.00	4172563.00	3.49E-02	2.89E-03	1.29E-03	0.40	0.30	0.02	0.73	0.13	0.11			Offsite Worker
595094.00	4172563.00	3.97E-02	3.25E-03	1.37E-03	0.46	0.34	0.03	0.82	0.14	0.13			Offsite Worker
595014.00	4172583.00	2.21E-02	1.94E-03	1.15E-03	0.26	0.20	0.02	0.48	0.08	0.07			Offsite Worker
595034.00	4172583.00	2.46E-02	2.13E-03	1.23E-03	0.28	0.22	0.02	0.53	0.09	0.08			Offsite Worker
595054.00	4172583.00	2.75E-02	2.36E-03	1.33E-03	0.32	0.25	0.02	0.59	0.10	0.09			Offsite Worker

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
595074.00	4172583.00	3.10E-02	2.63E-03	1.43E-03	0.36	0.27	0.03	0.66	0.12	0.10			Offsite Worker
595034.00	4172603.00	2.16E-02	1.93E-03	1.31E-03	0.25	0.20	0.02	0.48	0.08	0.07			Offsite Worker
595054.00	4172603.00	2.41E-02	2.13E-03	1.42E-03	0.28	0.22	0.03	0.53	0.09	0.08			Offsite Worker
595074.00	4172603.00	2.72E-02	2.36E-03	1.55E-03	0.31	0.25	0.03	0.59	0.11	0.09			Offsite Worker
595534.00	4172643.00	2.37E-01	1.84E-02	2.48E-03	2.73	1.92	0.05	4.70	0.78	0.76			Offsite Worker
595554.00	4172643.00	1.99E-01	1.61E-02	2.41E-03	2.30	1.69	0.04	4.03	0.67	0.64			Offsite Worker
595574.00	4172643.00	1.69E-01	1.44E-02	2.37E-03	1.95	1.51	0.04	3.50	0.58	0.55			Offsite Worker
595534.00	4172663.00	2.17E-01	1.68E-02	2.67E-03	2.50	1.76	0.05	4.31	0.72	0.69			Offsite Worker
595554.00	4172663.00	1.83E-01	1.48E-02	2.65E-03	2.12	1.55	0.05	3.72	0.62	0.59			Offsite Worker
595574.00	4172663.00	1.56E-01	1.32E-02	2.62E-03	1.81	1.39	0.05	3.24	0.54	0.51			Offsite Worker
595534.00	4172683.00	2.03E-01	1.56E-02	3.15E-03	2.34	1.64	0.06	4.04	0.68	0.65			Offsite Worker
595554.00	4172683.00	1.70E-01	1.37E-02	3.20E-03	1.97	1.43	0.06	3.46	0.58	0.55			Offsite Worker
595574.00	4172683.00	1.45E-01	1.22E-02	3.12E-03	1.68	1.28	0.06	3.02	0.51	0.47			Offsite Worker
595294.00	4172743.00	3.76E-02	3.30E-03	1.51E-02	0.43	0.35	0.28	1.06	0.28	0.12			Offsite Worker
595314.00	4172743.00	4.86E-02	4.05E-03	1.18E-02	0.56	0.42	0.22	1.21	0.28	0.16			Offsite Worker
595334.00	4172743.00	7.04E-02	5.52E-03	9.57E-03	0.81	0.58	0.18	1.57	0.33	0.23			Offsite Worker
595534.00	4172743.00	1.53E-01	1.18E-02	1.21E-02	1.77	1.24	0.22	3.23	0.61	0.49			Offsite Worker
595294.00	4172763.00	2.77E-02	2.61E-03	1.35E-02	0.32	0.27	0.25	0.85	0.23	0.09			Offsite Worker
595314.00	4172763.00	3.48E-02	3.11E-03	1.03E-02	0.40	0.33	0.19	0.92	0.22	0.11			Offsite Worker
595334.00	4172763.00	4.72E-02	3.96E-03	8.33E-03	0.55	0.42	0.16	1.12	0.24	0.15			Offsite Worker
595354.00	4172763.00	6.75E-02	5.34E-03	7.01E-03	0.78	0.56	0.13	1.47	0.29	0.22			Offsite Worker
595374.00	4172763.00	9.10E-02	6.93E-03	5.99E-03	1.05	0.73	0.11	1.89	0.35	0.29			Offsite Worker
595534.00	4172763.00	1.26E-01	9.90E-03	1.13E-02	1.45	1.04	0.21	2.70	0.52	0.40			Offsite Worker
595554.00	4172763.00	1.06E-01	8.72E-03	7.57E-03	1.22	0.91	0.14	2.28	0.42	0.34			Offsite Worker
595574.00	4172763.00	9.17E-02	7.89E-03	5.30E-03	1.06	0.83	0.10	1.99	0.36	0.30			Offsite Worker
594934.00	4172783.00	4.25E-03	6.09E-04	8.70E-04	0.05	0.06	0.02	0.13	0.02	0.02			Offsite Worker
594954.00	4172783.00	4.45E-03	6.39E-04	9.59E-04	0.05	0.07	0.02	0.14	0.03	0.02			Offsite Worker
594974.00	4172783.00	4.69E-03	6.72E-04	1.06E-03	0.05	0.07	0.02	0.14	0.03	0.02			Offsite Worker
595274.00	4172783.00	1.82E-02	1.91E-03	1.53E-02	0.21	0.20	0.28	0.70	0.22	0.06			Offsite Worker
595354.00	4172783.00	4.60E-02	3.89E-03	6.16E-03	0.53	0.41	0.11	1.05	0.21	0.15			Offsite Worker
595374.00	4172783.00	6.00E-02	4.86E-03	5.28E-03	0.69	0.51	0.10	1.30	0.25	0.19			Offsite Worker
595394.00	4172783.00	7.71E-02	6.04E-03	4.66E-03	0.89	0.63	0.09	1.61	0.30	0.25			Offsite Worker
595414.00	4172783.00	9.70E-02	7.40E-03	4.23E-03	1.12	0.77	0.08	1.97	0.35	0.31			Offsite Worker
595434.00	4172783.00	1.20E-01	8.95E-03	4.00E-03	1.38	0.94	0.07	2.40	0.42	0.38			Offsite Worker
595514.00	4172783.00	1.17E-01	9.13E-03	1.08E-02	1.36	0.96	0.20	2.51	0.49	0.38			Offsite Worker
595534.00	4172783.00	1.01E-01	8.16E-03	8.39E-03	1.17	0.85	0.16	2.18	0.41	0.33			Offsite Worker
595554.00	4172783.00	8.81E-02	7.42E-03	6.03E-03	1.02	0.78	0.11	1.91	0.35	0.29			Offsite Worker
595574.00	4172783.00	7.83E-02	6.87E-03	4.51E-03	0.90	0.72	0.08	1.71	0.30	0.26			Offsite Worker
595594.00	4172783.00	6.99E-02	6.41E-03	3.53E-03	0.81	0.67	0.07	1.55	0.27	0.23			Offsite Worker
595614.00	4172783.00	6.32E-02	6.07E-03	2.89E-03	0.73	0.64	0.05	1.42	0.24	0.21			Offsite Worker
595634.00	4172783.00	5.75E-02	5.77E-03	2.45E-03	0.66	0.60	0.05	1.31	0.22	0.19			Offsite Worker
594894.00	4172803.00	3.50E-03	5.24E-04	6.68E-04	0.04	0.05	0.01	0.11	0.02	0.01			Offsite Worker
594914.00	4172803.00	3.66E-03	5.50E-04	7.43E-04	0.04	0.06	0.01	0.11	0.02	0.01			Offsite Worker
594934.00	4172803.00	3.84E-03	5.78E-04	8.29E-04	0.04	0.06	0.02	0.12	0.02	0.01			Offsite Worker
594954.00	4172803.00	4.02E-03	6.06E-04	9.26E-04	0.05	0.06	0.02	0.13	0.02	0.02			Offsite Worker
594974.00	4172803.00	4.23E-03	6.36E-04	1.04E-03	0.05	0.07	0.02	0.13	0.03	0.02			Offsite Worker
595274.00	4172803.00	1.52E-02	1.67E-03	1.36E-02	0.18	0.17	0.25	0.60	0.19	0.05			Offsite Worker
595294.00	4172803.00	1.79E-02	1.89E-03	1.04E-02	0.21	0.20	0.19	0.60	0.17	0.06			Offsite Worker
595314.00	4172803.00	2.20E-02	2.19E-03	8.15E-03	0.25	0.23	0.15	0.64	0.16	0.07			Offsite Worker
595354.00	4172803.00	3.52E-02	3.14E-03	5.58E-03	0.41	0.33	0.10	0.84	0.17	0.12			Offsite Worker
595374.00	4172803.00	4.44E-02	3.80E-03	4.79E-03	0.51	0.40	0.09	1.00	0.19	0.15			Offsite Worker
595394.00	4172803.00	5.54E-02	4.57E-03	4.18E-03	0.64	0.48	0.08	1.20	0.22	0.18			Offsite Worker
595414.00	4172803.00	6.80E-02	5.45E-03	3.73E-03	0.79	0.57	0.07	1.43	0.26	0.22			Offsite Worker
595434.00	4172803.00	8.15E-02	6.39E-03	3.39E-03	0.94	0.67	0.06	1.67	0.30	0.26			Offsite Worker
595454.00	4172803.00	9.48E-02	7.33E-03	3.23E-03	1.10	0.77	0.06	1.92	0.34	0.30			Offsite Worker
595474.00	4172803.00	1.02E-01	7.84E-03	3.63E-03	1.17	0.82	0.07	2.06	0.36	0.33			Offsite Worker
595534.00	4172803.00	8.13E-02	6.77E-03	5.49E-03	0.94	0.71	0.10	1.75	0.32	0.26			Offsite Worker
595554.00	4172803.00	7.32E-02	6.32E-03	4.48E-03	0.85	0.66	0.08	1.59	0.29	0.24			Offsite Worker
595574.00	4172803.00	6.65E-02	5.97E-03	3.65E-03	0.77	0.63	0.07	1.46	0.26	0.22			Offsite Worker
595594.00	4172803.00	6.04E-02	5.65E-03	3.01E-03	0.70	0.59	0.06	1.35	0.23	0.20			Offsite Worker
595614.00	4172803.00	5.55E-02	5.41E-03	2.56E-03	0.64	0.57	0.05	1.25	0.21	0.19			Offsite Worker
595634.00	4172803.00	5.10E-02	5.19E-03	2.22E-03	0.59	0.54	0.04	1.17	0.20	0.17			Offsite Worker
595654.00	4172803.00	4.71E-02	5.00E-03	1.96E-03	0.54	0.52	0.04	1.10	0.18	0.16			Offsite Worker
595674.00	4172803.00	4.36E-02	4.84E-03	1.75E-03	0.50	0.51	0.03	1.04	0.17	0.15			Offsite Worker

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
594874.00	4172823.00	3.07E-03	4.82E-04	5.55E-04	0.04	0.05	0.01	0.10	0.02	0.01			Offsite Worker
594894.00	4172823.00	3.21E-03	5.05E-04	6.19E-04	0.04	0.05	0.01	0.10	0.02	0.01			Offsite Worker
594914.00	4172823.00	3.35E-03	5.27E-04	6.93E-04	0.04	0.06	0.01	0.11	0.02	0.01			Offsite Worker
594934.00	4172823.00	3.51E-03	5.52E-04	7.79E-04	0.04	0.06	0.01	0.11	0.02	0.01			Offsite Worker
594954.00	4172823.00	3.67E-03	5.77E-04	8.78E-04	0.04	0.06	0.02	0.12	0.02	0.01			Offsite Worker
595254.00	4172823.00	1.13E-02	1.36E-03	1.51E-02	0.13	0.14	0.28	0.55	0.20	0.04			Offsite Worker
595274.00	4172823.00	1.31E-02	1.50E-03	1.20E-02	0.15	0.16	0.22	0.53	0.17	0.05			Offsite Worker
595294.00	4172823.00	1.54E-02	1.68E-03	9.20E-03	0.18	0.18	0.17	0.53	0.15	0.05			Offsite Worker
595334.00	4172823.00	2.29E-02	2.26E-03	6.08E-03	0.26	0.24	0.11	0.61	0.14	0.08			Offsite Worker
595354.00	4172823.00	2.83E-02	2.65E-03	5.14E-03	0.33	0.28	0.10	0.70	0.15	0.09			Offsite Worker
595374.00	4172823.00	3.50E-02	3.14E-03	4.44E-03	0.40	0.33	0.08	0.82	0.16	0.12			Offsite Worker
595394.00	4172823.00	4.27E-02	3.69E-03	3.89E-03	0.49	0.39	0.07	0.95	0.18	0.14			Offsite Worker
595414.00	4172823.00	5.11E-02	4.29E-03	3.46E-03	0.59	0.45	0.06	1.10	0.20	0.17			Offsite Worker
595434.00	4172823.00	6.00E-02	4.93E-03	3.14E-03	0.69	0.52	0.06	1.27	0.23	0.19			Offsite Worker
595454.00	4172823.00	6.81E-02	5.52E-03	2.95E-03	0.79	0.58	0.06	1.42	0.25	0.22			Offsite Worker
595474.00	4172823.00	7.28E-02	5.89E-03	3.04E-03	0.84	0.62	0.06	1.51	0.27	0.24			Offsite Worker
595494.00	4172823.00	7.30E-02	5.98E-03	3.44E-03	0.84	0.63	0.06	1.53	0.27	0.24			Offsite Worker
595514.00	4172823.00	7.01E-02	5.86E-03	3.84E-03	0.81	0.61	0.07	1.49	0.27	0.23			Offsite Worker
595534.00	4172823.00	6.59E-02	5.66E-03	3.78E-03	0.76	0.59	0.07	1.42	0.25	0.22			Offsite Worker
595574.00	4172823.00	5.68E-02	5.22E-03	2.96E-03	0.66	0.55	0.06	1.26	0.22	0.19			Offsite Worker
595594.00	4172823.00	5.25E-02	5.01E-03	2.57E-03	0.61	0.52	0.05	1.18	0.20	0.18			Offsite Worker
595614.00	4172823.00	4.87E-02	4.84E-03	2.25E-03	0.56	0.51	0.04	1.11	0.19	0.16			Offsite Worker
595634.00	4172823.00	4.53E-02	4.68E-03	1.99E-03	0.52	0.49	0.04	1.05	0.17	0.15			Offsite Worker
595654.00	4172823.00	4.22E-02	4.54E-03	1.79E-03	0.49	0.48	0.03	1.00	0.16	0.15			Offsite Worker
595674.00	4172823.00	3.94E-02	4.41E-03	1.62E-03	0.46	0.46	0.03	0.95	0.15	0.14			Offsite Worker
594874.00	4172843.00	2.86E-03	4.66E-04	5.04E-04	0.03	0.05	0.01	0.09	0.02	0.01			Offsite Worker
594894.00	4172843.00	2.97E-03	4.86E-04	5.61E-04	0.03	0.05	0.01	0.10	0.02	0.01			Offsite Worker
594914.00	4172843.00	3.10E-03	5.08E-04	6.32E-04	0.04	0.05	0.01	0.10	0.02	0.01			Offsite Worker
594934.00	4172843.00	3.23E-03	5.29E-04	7.15E-04	0.04	0.06	0.01	0.11	0.02	0.01			Offsite Worker
594954.00	4172843.00	3.38E-03	5.53E-04	8.13E-04	0.04	0.06	0.02	0.11	0.02	0.01			Offsite Worker
595254.00	4172843.00	1.01E-02	1.24E-03	1.38E-02	0.12	0.13	0.26	0.50	0.18	0.04			Offsite Worker
595274.00	4172843.00	1.16E-02	1.37E-03	1.07E-02	0.13	0.14	0.20	0.48	0.15	0.04			Offsite Worker
595294.00	4172843.00	1.35E-02	1.53E-03	8.32E-03	0.16	0.16	0.15	0.47	0.13	0.05			Offsite Worker
595334.00	4172843.00	1.94E-02	1.99E-03	5.65E-03	0.22	0.21	0.11	0.54	0.12	0.07			Offsite Worker
595354.00	4172843.00	2.35E-02	2.30E-03	4.83E-03	0.27	0.24	0.09	0.60	0.13	0.08			Offsite Worker
595374.00	4172843.00	2.85E-02	2.67E-03	4.19E-03	0.33	0.28	0.08	0.69	0.14	0.09			Offsite Worker
595394.00	4172843.00	3.42E-02	3.09E-03	3.68E-03	0.39	0.32	0.07	0.79	0.15	0.11			Offsite Worker
595414.00	4172843.00	4.03E-02	3.54E-03	3.27E-03	0.47	0.37	0.06	0.90	0.17	0.13			Offsite Worker
595434.00	4172843.00	4.65E-02	4.00E-03	2.96E-03	0.54	0.42	0.06	1.01	0.18	0.15			Offsite Worker
595454.00	4172843.00	5.21E-02	4.42E-03	2.75E-03	0.60	0.46	0.05	1.12	0.20	0.17			Offsite Worker
595474.00	4172843.00	5.56E-02	4.71E-03	2.69E-03	0.64	0.49	0.05	1.19	0.21	0.18			Offsite Worker
595494.00	4172843.00	5.69E-02	4.85E-03	2.79E-03	0.66	0.51	0.05	1.22	0.21	0.19			Offsite Worker
595514.00	4172843.00	5.62E-02	4.87E-03	2.91E-03	0.65	0.51	0.05	1.21	0.21	0.18			Offsite Worker
595534.00	4172843.00	5.40E-02	4.79E-03	2.87E-03	0.62	0.50	0.05	1.18	0.21	0.18			Offsite Worker
595554.00	4172843.00	5.14E-02	4.69E-03	2.69E-03	0.59	0.49	0.05	1.13	0.20	0.17			Offsite Worker
595574.00	4172843.00	4.86E-02	4.58E-03	2.46E-03	0.56	0.48	0.05	1.09	0.19	0.16			Offsite Worker
595634.00	4172843.00	4.02E-02	4.22E-03	1.79E-03	0.47	0.44	0.03	0.94	0.16	0.14			Offsite Worker
595654.00	4172843.00	3.78E-02	4.12E-03	1.63E-03	0.44	0.43	0.03	0.90	0.15	0.13			Offsite Worker
595674.00	4172843.00	3.55E-02	4.02E-03	1.49E-03	0.41	0.42	0.03	0.86	0.14	0.12			Offsite Worker
594854.00	4172863.00	2.57E-03	4.33E-04	4.04E-04	0.03	0.05	0.01	0.08	0.01	0.01			Offsite Worker
594874.00	4172863.00	2.66E-03	4.49E-04	4.50E-04	0.03	0.05	0.01	0.09	0.02	0.01			Offsite Worker
594894.00	4172863.00	2.77E-03	4.69E-04	5.00E-04	0.03	0.05	0.01	0.09	0.02	0.01			Offsite Worker
594914.00	4172863.00	2.88E-03	4.88E-04	5.62E-04	0.03	0.05	0.01	0.09	0.02	0.01			Offsite Worker
594934.00	4172863.00	3.01E-03	5.09E-04	6.39E-04	0.03	0.05	0.01	0.10	0.02	0.01			Offsite Worker
595234.00	4172863.00	8.06E-03	1.06E-03	1.48E-02	0.09	0.11	0.28	0.48	0.18	0.03			Offsite Worker
595254.00	4172863.00	9.07E-03	1.15E-03	1.23E-02	0.10	0.12	0.23	0.45	0.16	0.03			Offsite Worker
595274.00	4172863.00	1.04E-02	1.26E-03	9.53E-03	0.12	0.13	0.18	0.43	0.14	0.04			Offsite Worker
595294.00	4172863.00	1.21E-02	1.41E-03	7.73E-03	0.14	0.15	0.14	0.43	0.12	0.04			Offsite Worker
595314.00	4172863.00	1.42E-02	1.58E-03	6.40E-03	0.16	0.17	0.12	0.45	0.12	0.05			Offsite Worker
595334.00	4172863.00	1.68E-02	1.79E-03	5.40E-03	0.19	0.19	0.10	0.48	0.11	0.06			Offsite Worker
595354.00	4172863.00	2.00E-02	2.04E-03	4.62E-03	0.23	0.21	0.09	0.53	0.12	0.07			Offsite Worker
595374.00	4172863.00	2.39E-02	2.33E-03	4.01E-03	0.28	0.24	0.07	0.60	0.12	0.08			Offsite Worker
595394.00	4172863.00	2.81E-02	2.65E-03	3.50E-03	0.32	0.28	0.07	0.67	0.13	0.09			Offsite Worker
595414.00	4172863.00	3.27E-02	3.00E-03	3.10E-03	0.38	0.31	0.06	0.75	0.14	0.11			Offsite Worker

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
595434.00	4172863.00	3.73E-02	3.35E-03	2.79E-03	0.43	0.35	0.05	0.83	0.15	0.12			Offsite Worker
595454.00	4172863.00	4.16E-02	3.68E-03	2.58E-03	0.48	0.38	0.05	0.91	0.16	0.14			Offsite Worker
595474.00	4172863.00	4.45E-02	3.92E-03	2.45E-03	0.51	0.41	0.05	0.97	0.17	0.15			Offsite Worker
595494.00	4172863.00	4.59E-02	4.07E-03	2.42E-03	0.53	0.43	0.05	1.00	0.18	0.15			Offsite Worker
595514.00	4172863.00	4.60E-02	4.13E-03	2.41E-03	0.53	0.43	0.04	1.01	0.18	0.15			Offsite Worker
595534.00	4172863.00	4.50E-02	4.12E-03	2.35E-03	0.52	0.43	0.04	1.00	0.17	0.15			Offsite Worker
595554.00	4172863.00	4.36E-02	4.09E-03	2.24E-03	0.50	0.43	0.04	0.97	0.17	0.15			Offsite Worker
595574.00	4172863.00	4.20E-02	4.05E-03	2.10E-03	0.48	0.42	0.04	0.95	0.16	0.14			Offsite Worker
595594.00	4172863.00	4.00E-02	3.98E-03	1.93E-03	0.46	0.42	0.04	0.92	0.16	0.14			Offsite Worker
595614.00	4172863.00	3.81E-02	3.92E-03	1.77E-03	0.44	0.41	0.03	0.88	0.15	0.13			Offsite Worker
594854.00	4172883.00	2.41E-03	4.20E-04	3.53E-04	0.03	0.04	0.01	0.08	0.01	0.01			Offsite Worker
594874.00	4172883.00	2.50E-03	4.37E-04	3.91E-04	0.03	0.05	0.01	0.08	0.01	0.01			Offsite Worker
594894.00	4172883.00	2.59E-03	4.53E-04	4.35E-04	0.03	0.05	0.01	0.09	0.01	0.01			Offsite Worker
594914.00	4172883.00	2.70E-03	4.71E-04	4.89E-04	0.03	0.05	0.01	0.09	0.02	0.01			Offsite Worker
595234.00	4172883.00	7.38E-03	9.92E-04	1.41E-02	0.09	0.10	0.26	0.45	0.17	0.03			Offsite Worker
595254.00	4172883.00	8.27E-03	1.07E-03	1.13E-02	0.10	0.11	0.21	0.42	0.15	0.03			Offsite Worker
595274.00	4172883.00	9.38E-03	1.17E-03	9.04E-03	0.11	0.12	0.17	0.40	0.13	0.03			Offsite Worker
595294.00	4172883.00	1.08E-02	1.30E-03	7.52E-03	0.13	0.14	0.14	0.40	0.12	0.04			Offsite Worker
595314.00	4172883.00	1.25E-02	1.45E-03	6.28E-03	0.15	0.15	0.12	0.41	0.11	0.04			Offsite Worker
595334.00	4172883.00	1.48E-02	1.63E-03	5.30E-03	0.17	0.17	0.10	0.44	0.11	0.05			Offsite Worker
595374.00	4172883.00	2.05E-02	2.08E-03	3.86E-03	0.24	0.22	0.07	0.53	0.11	0.07			Offsite Worker
595394.00	4172883.00	2.37E-02	2.33E-03	3.34E-03	0.27	0.24	0.06	0.58	0.11	0.08			Offsite Worker
595414.00	4172883.00	2.73E-02	2.60E-03	2.94E-03	0.32	0.27	0.05	0.64	0.12	0.09			Offsite Worker
595434.00	4172883.00	3.09E-02	2.88E-03	2.64E-03	0.36	0.30	0.05	0.71	0.13	0.10			Offsite Worker
595454.00	4172883.00	3.40E-02	3.13E-03	2.40E-03	0.39	0.33	0.04	0.77	0.14	0.11			Offsite Worker
595474.00	4172883.00	3.64E-02	3.34E-03	2.25E-03	0.42	0.35	0.04	0.81	0.14	0.12			Offsite Worker
595494.00	4172883.00	3.79E-02	3.48E-03	2.16E-03	0.44	0.36	0.04	0.84	0.15	0.13			Offsite Worker
595514.00	4172883.00	3.84E-02	3.57E-03	2.10E-03	0.44	0.37	0.04	0.86	0.15	0.13			Offsite Worker
595534.00	4172883.00	3.82E-02	3.60E-03	2.03E-03	0.44	0.38	0.04	0.86	0.15	0.13			Offsite Worker
595554.00	4172883.00	3.75E-02	3.61E-03	1.94E-03	0.43	0.38	0.04	0.85	0.15	0.13			Offsite Worker
595574.00	4172883.00	3.64E-02	3.60E-03	1.83E-03	0.42	0.38	0.03	0.83	0.14	0.12			Offsite Worker
595594.00	4172883.00	3.50E-02	3.56E-03	1.70E-03	0.40	0.37	0.03	0.81	0.14	0.12			Offsite Worker
595614.00	4172883.00	3.36E-02	3.52E-03	1.58E-03	0.39	0.37	0.03	0.79	0.13	0.11			Offsite Worker
595634.00	4172883.00	3.21E-02	3.48E-03	1.47E-03	0.37	0.36	0.03	0.76	0.13	0.11			Offsite Worker
595654.00	4172883.00	3.06E-02	3.43E-03	1.36E-03	0.35	0.36	0.03	0.74	0.12	0.11			Offsite Worker
594854.00	4172903.00	2.27E-03	4.08E-04	3.05E-04	0.03	0.04	0.01	0.07	0.01	0.01			Offsite Worker
594874.00	4172903.00	2.36E-03	4.23E-04	3.36E-04	0.03	0.04	0.01	0.08	0.01	0.01			Offsite Worker
594894.00	4172903.00	2.45E-03	4.38E-04	3.72E-04	0.03	0.05	0.01	0.08	0.01	0.01			Offsite Worker
594914.00	4172903.00	2.54E-03	4.54E-04	4.16E-04	0.03	0.05	0.01	0.08	0.01	0.01			Offsite Worker
595234.00	4172903.00	6.81E-03	9.34E-04	1.40E-02	0.08	0.10	0.26	0.44	0.17	0.02			Offsite Worker
595254.00	4172903.00	7.59E-03	1.01E-03	1.17E-02	0.09	0.11	0.22	0.41	0.15	0.03			Offsite Worker
595274.00	4172903.00	8.57E-03	1.10E-03	9.72E-03	0.10	0.12	0.18	0.40	0.13	0.03			Offsite Worker
595294.00	4172903.00	9.79E-03	1.21E-03	8.05E-03	0.11	0.13	0.15	0.39	0.12	0.03			Offsite Worker
595314.00	4172903.00	1.13E-02	1.33E-03	6.50E-03	0.13	0.14	0.12	0.39	0.11	0.04			Offsite Worker
595334.00	4172903.00	1.31E-02	1.49E-03	5.29E-03	0.15	0.16	0.10	0.41	0.10	0.05			Offsite Worker
595354.00	4172903.00	1.52E-02	1.66E-03	4.37E-03	0.18	0.17	0.08	0.43	0.10	0.05			Offsite Worker
595374.00	4172903.00	1.77E-02	1.86E-03	3.68E-03	0.20	0.19	0.07	0.47	0.10	0.06			Offsite Worker
595414.00	4172903.00	2.33E-02	2.30E-03	2.77E-03	0.27	0.24	0.05	0.56	0.11	0.08			Offsite Worker
595434.00	4172903.00	2.60E-02	2.52E-03	2.46E-03	0.30	0.26	0.05	0.61	0.11	0.09			Offsite Worker
595454.00	4172903.00	2.85E-02	2.72E-03	2.23E-03	0.33	0.28	0.04	0.66	0.12	0.10			Offsite Worker
595474.00	4172903.00	3.04E-02	2.89E-03	2.06E-03	0.35	0.30	0.04	0.69	0.12	0.10			Offsite Worker
595494.00	4172903.00	3.18E-02	3.03E-03	1.95E-03	0.37	0.32	0.04	0.72	0.13	0.11			Offsite Worker
595514.00	4172903.00	3.25E-02	3.12E-03	1.86E-03	0.38	0.33	0.03	0.74	0.13	0.11			Offsite Worker
595534.00	4172903.00	3.26E-02	3.17E-03	1.79E-03	0.38	0.33	0.03	0.74	0.13	0.11			Offsite Worker
595554.00	4172903.00	3.24E-02	3.21E-03	1.71E-03	0.37	0.34	0.03	0.74	0.13	0.11			Offsite Worker
595574.00	4172903.00	3.18E-02	3.22E-03	1.62E-03	0.37	0.34	0.03	0.73	0.12	0.11			Offsite Worker
595594.00	4172903.00	3.08E-02	3.21E-03	1.52E-03	0.36	0.34	0.03	0.72	0.12	0.11			Offsite Worker
595614.00	4172903.00	2.98E-02	3.18E-03	1.42E-03	0.34	0.33	0.03	0.70	0.12	0.10			Offsite Worker
595634.00	4172903.00	2.87E-02	3.16E-03	1.33E-03	0.33	0.33	0.02	0.69	0.11	0.10			Offsite Worker
594854.00	4172923.00	2.16E-03	3.96E-04	2.61E-04	0.02	0.04	0.00	0.07	0.01	0.01			Offsite Worker
594874.00	4172923.00	2.24E-03	4.11E-04	2.86E-04	0.03	0.04	0.01	0.07	0.01	0.01			Offsite Worker
594894.00	4172923.00	2.32E-03	4.25E-04	3.14E-04	0.03	0.04	0.01	0.08	0.01	0.01			Offsite Worker
594914.00	4172923.00	2.41E-03	4.40E-04	3.48E-04	0.03	0.05	0.01	0.08	0.01	0.01			Offsite Worker
595254.00	4172923.00	7.02E-03	9.52E-04	1.54E-02	0.08	0.10	0.29	0.47	0.19	0.03			Offsite Worker

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
595274.00	4172923.00	7.88E-03	1.03E-03	1.24E-02	0.09	0.11	0.23	0.43	0.16	0.03			Offsite Worker
595294.00	4172923.00	8.91E-03	1.13E-03	9.17E-03	0.10	0.12	0.17	0.39	0.13	0.03			Offsite Worker
595314.00	4172923.00	1.02E-02	1.24E-03	6.72E-03	0.12	0.13	0.13	0.37	0.11	0.04			Offsite Worker
595334.00	4172923.00	1.17E-02	1.37E-03	5.18E-03	0.14	0.14	0.10	0.38	0.10	0.04			Offsite Worker
595354.00	4172923.00	1.34E-02	1.52E-03	4.15E-03	0.16	0.16	0.08	0.39	0.09	0.05			Offsite Worker
595374.00	4172923.00	1.54E-02	1.68E-03	3.44E-03	0.18	0.18	0.06	0.42	0.09	0.05			Offsite Worker
595394.00	4172923.00	1.76E-02	1.86E-03	2.94E-03	0.20	0.19	0.05	0.45	0.09	0.06			Offsite Worker
595414.00	4172923.00	1.99E-02	2.04E-03	2.56E-03	0.23	0.21	0.05	0.49	0.09	0.07			Offsite Worker
595474.00	4172923.00	2.60E-02	2.55E-03	1.89E-03	0.30	0.27	0.04	0.60	0.11	0.09			Offsite Worker
595494.00	4172923.00	2.71E-02	2.67E-03	1.77E-03	0.31	0.28	0.03	0.63	0.11	0.09			Offsite Worker
595514.00	4172923.00	2.79E-02	2.76E-03	1.68E-03	0.32	0.29	0.03	0.64	0.11	0.09			Offsite Worker
595534.00	4172923.00	2.82E-02	2.82E-03	1.60E-03	0.33	0.30	0.03	0.65	0.11	0.10			Offsite Worker
595554.00	4172923.00	2.82E-02	2.87E-03	1.52E-03	0.33	0.30	0.03	0.66	0.11	0.10			Offsite Worker
595574.00	4172923.00	2.79E-02	2.89E-03	1.45E-03	0.32	0.30	0.03	0.65	0.11	0.10			Offsite Worker
595594.00	4172923.00	2.73E-02	2.90E-03	1.36E-03	0.32	0.30	0.03	0.64	0.11	0.09			Offsite Worker
595614.00	4172923.00	2.66E-02	2.90E-03	1.29E-03	0.31	0.30	0.02	0.64	0.11	0.09			Offsite Worker
595634.00	4172923.00	2.58E-02	2.89E-03	1.21E-03	0.30	0.30	0.02	0.62	0.10	0.09			Offsite Worker
595314.00	4172943.00	9.27E-03	1.16E-03	6.28E-03	0.11	0.12	0.12	0.35	0.10	0.03			Offsite Worker
595334.00	4172943.00	1.05E-02	1.27E-03	4.73E-03	0.12	0.13	0.09	0.34	0.09	0.04			Offsite Worker
595354.00	4172943.00	1.20E-02	1.40E-03	3.77E-03	0.14	0.15	0.07	0.36	0.08	0.04			Offsite Worker
595374.00	4172943.00	1.37E-02	1.54E-03	3.12E-03	0.16	0.16	0.06	0.38	0.08	0.05			Offsite Worker
595394.00	4172943.00	1.55E-02	1.69E-03	2.67E-03	0.18	0.18	0.05	0.41	0.08	0.05			Offsite Worker
595414.00	4172943.00	1.74E-02	1.84E-03	2.33E-03	0.20	0.19	0.04	0.44	0.08	0.06			Offsite Worker
595434.00	4172943.00	1.92E-02	2.00E-03	2.07E-03	0.22	0.21	0.04	0.47	0.09	0.07			Offsite Worker
595454.00	4172943.00	2.09E-02	2.14E-03	1.87E-03	0.24	0.22	0.03	0.50	0.09	0.07			Offsite Worker
595514.00	4172943.00	2.42E-02	2.47E-03	1.52E-03	0.28	0.26	0.03	0.57	0.10	0.08			Offsite Worker
595534.00	4172943.00	2.46E-02	2.54E-03	1.44E-03	0.28	0.27	0.03	0.58	0.10	0.08			Offsite Worker
595554.00	4172943.00	2.48E-02	2.59E-03	1.37E-03	0.29	0.27	0.03	0.58	0.10	0.08			Offsite Worker
595574.00	4172943.00	2.46E-02	2.61E-03	1.30E-03	0.28	0.27	0.02	0.58	0.10	0.08			Offsite Worker
595594.00	4172943.00	2.43E-02	2.63E-03	1.24E-03	0.28	0.28	0.02	0.58	0.10	0.08			Offsite Worker
595614.00	4172943.00	2.39E-02	2.65E-03	1.17E-03	0.28	0.28	0.02	0.57	0.09	0.08			Offsite Worker
595634.00	4172943.00	2.32E-02	2.65E-03	1.11E-03	0.27	0.28	0.02	0.57	0.09	0.08			Offsite Worker
595314.00	4172963.00	8.47E-03	1.09E-03	5.14E-03	0.10	0.11	0.10	0.31	0.08	0.03			Offsite Worker
595334.00	4172963.00	9.60E-03	1.19E-03	4.01E-03	0.11	0.12	0.07	0.31	0.08	0.03			Offsite Worker
595354.00	4172963.00	1.08E-02	1.30E-03	3.26E-03	0.13	0.14	0.06	0.32	0.07	0.04			Offsite Worker
595374.00	4172963.00	1.22E-02	1.41E-03	2.74E-03	0.14	0.15	0.05	0.34	0.07	0.04			Offsite Worker
595394.00	4172963.00	1.37E-02	1.54E-03	2.36E-03	0.16	0.16	0.04	0.36	0.07	0.05			Offsite Worker
595414.00	4172963.00	1.53E-02	1.67E-03	2.08E-03	0.18	0.18	0.04	0.39	0.07	0.05			Offsite Worker
595434.00	4172963.00	1.68E-02	1.80E-03	1.86E-03	0.19	0.19	0.03	0.42	0.08	0.06			Offsite Worker
595454.00	4172963.00	1.82E-02	1.93E-03	1.69E-03	0.21	0.20	0.03	0.44	0.08	0.06			Offsite Worker
595474.00	4172963.00	1.95E-02	2.04E-03	1.55E-03	0.22	0.21	0.03	0.47	0.08	0.07			Offsite Worker
595494.00	4172963.00	2.05E-02	2.14E-03	1.45E-03	0.24	0.22	0.03	0.49	0.09	0.07			Offsite Worker
595514.00	4172963.00	2.12E-02	2.23E-03	1.37E-03	0.25	0.23	0.03	0.50	0.09	0.07			Offsite Worker
595554.00	4172963.00	2.19E-02	2.34E-03	1.24E-03	0.25	0.25	0.02	0.52	0.09	0.08			Offsite Worker
595574.00	4172963.00	2.19E-02	2.38E-03	1.18E-03	0.25	0.25	0.02	0.52	0.09	0.08			Offsite Worker
595594.00	4172963.00	2.17E-02	2.40E-03	1.12E-03	0.25	0.25	0.02	0.52	0.09	0.08			Offsite Worker
595614.00	4172963.00	2.14E-02	2.43E-03	1.07E-03	0.25	0.25	0.02	0.52	0.09	0.07			Offsite Worker
595314.00	4172983.00	7.79E-03	1.02E-03	3.93E-03	0.09	0.11	0.07	0.27	0.07	0.03			Offsite Worker
595334.00	4172983.00	8.76E-03	1.11E-03	3.24E-03	0.10	0.12	0.06	0.28	0.07	0.03			Offsite Worker
595354.00	4172983.00	9.83E-03	1.21E-03	2.72E-03	0.11	0.13	0.05	0.29	0.06	0.03			Offsite Worker
595374.00	4172983.00	1.10E-02	1.31E-03	2.34E-03	0.13	0.14	0.04	0.31	0.06	0.04			Offsite Worker
595394.00	4172983.00	1.23E-02	1.42E-03	2.06E-03	0.14	0.15	0.04	0.33	0.06	0.04			Offsite Worker
595414.00	4172983.00	1.36E-02	1.53E-03	1.83E-03	0.16	0.16	0.03	0.35	0.07	0.05			Offsite Worker
595434.00	4172983.00	1.49E-02	1.65E-03	1.66E-03	0.17	0.17	0.03	0.38	0.07	0.05			Offsite Worker
595454.00	4172983.00	1.61E-02	1.75E-03	1.52E-03	0.19	0.18	0.03	0.40	0.07	0.06			Offsite Worker
595474.00	4172983.00	1.72E-02	1.85E-03	1.40E-03	0.20	0.19	0.03	0.42	0.07	0.06			Offsite Worker
595494.00	4172983.00	1.81E-02	1.94E-03	1.31E-03	0.21	0.20	0.02	0.44	0.08	0.06			Offsite Worker
595514.00	4172983.00	1.87E-02	2.02E-03	1.24E-03	0.22	0.21	0.02	0.45	0.08	0.06			Offsite Worker
595534.00	4172983.00	1.92E-02	2.08E-03	1.18E-03	0.22	0.22	0.02	0.46	0.08	0.07			Offsite Worker
595554.00	4172983.00	1.95E-02	2.13E-03	1.12E-03	0.23	0.22	0.02	0.47	0.08	0.07			Offsite Worker
595574.00	4172983.00	1.95E-02	2.17E-03	1.07E-03	0.23	0.23	0.02	0.47	0.08	0.07			Offsite Worker
595594.00	4172983.00	1.95E-02	2.20E-03	1.02E-03	0.23	0.23	0.02	0.47	0.08	0.07			Offsite Worker
595614.00	4172983.00	1.93E-02	2.23E-03	9.76E-04	0.22	0.23	0.02	0.47	0.08	0.07			Offsite Worker
595314.00	4173003.00	7.21E-03	9.66E-04	2.99E-03	0.08	0.10	0.06	0.24	0.06	0.03			Offsite Worker

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
595334.00	4173003.00	8.02E-03	1.04E-03	2.57E-03	0.09	0.11	0.05	0.25	0.06	0.03			Offsite Worker
595354.00	4173003.00	8.96E-03	1.13E-03	2.24E-03	0.10	0.12	0.04	0.26	0.06	0.03			Offsite Worker
595374.00	4173003.00	9.98E-03	1.22E-03	1.98E-03	0.12	0.13	0.04	0.28	0.06	0.04			Offsite Worker
595394.00	4173003.00	1.11E-02	1.31E-03	1.77E-03	0.13	0.14	0.03	0.30	0.06	0.04			Offsite Worker
595414.00	4173003.00	1.22E-02	1.41E-03	1.60E-03	0.14	0.15	0.03	0.32	0.06	0.04			Offsite Worker
595434.00	4173003.00	1.33E-02	1.51E-03	1.46E-03	0.15	0.16	0.03	0.34	0.06	0.05			Offsite Worker
595454.00	4173003.00	1.43E-02	1.61E-03	1.35E-03	0.17	0.17	0.03	0.36	0.06	0.05			Offsite Worker
595474.00	4173003.00	1.53E-02	1.69E-03	1.26E-03	0.18	0.18	0.02	0.38	0.07	0.05			Offsite Worker
595494.00	4173003.00	1.60E-02	1.77E-03	1.18E-03	0.19	0.19	0.02	0.39	0.07	0.06			Offsite Worker
595514.00	4173003.00	1.67E-02	1.84E-03	1.12E-03	0.19	0.19	0.02	0.41	0.07	0.06			Offsite Worker
595534.00	4173003.00	1.71E-02	1.90E-03	1.07E-03	0.20	0.20	0.02	0.42	0.07	0.06			Offsite Worker
595554.00	4173003.00	1.74E-02	1.95E-03	1.02E-03	0.20	0.20	0.02	0.42	0.07	0.06			Offsite Worker
595574.00	4173003.00	1.75E-02	1.99E-03	9.72E-04	0.20	0.21	0.02	0.43	0.07	0.06			Offsite Worker
595594.00	4173003.00	1.76E-02	2.02E-03	9.32E-04	0.20	0.21	0.02	0.43	0.07	0.06			Offsite Worker
595294.00	4173023.00	6.02E-03	8.48E-04	2.46E-03	0.07	0.09	0.05	0.20	0.05	0.02			Offsite Worker
595314.00	4173023.00	6.66E-03	9.11E-04	2.26E-03	0.08	0.10	0.04	0.21	0.05	0.02			Offsite Worker
595334.00	4173023.00	7.39E-03	9.82E-04	2.05E-03	0.09	0.10	0.04	0.23	0.05	0.03			Offsite Worker
595354.00	4173023.00	8.21E-03	1.06E-03	1.85E-03	0.09	0.11	0.03	0.24	0.05	0.03			Offsite Worker
595374.00	4173023.00	9.09E-03	1.14E-03	1.67E-03	0.11	0.12	0.03	0.26	0.05	0.03			Offsite Worker
595394.00	4173023.00	1.00E-02	1.22E-03	1.53E-03	0.12	0.13	0.03	0.27	0.05	0.04			Offsite Worker
595414.00	4173023.00	1.10E-02	1.31E-03	1.40E-03	0.13	0.14	0.03	0.29	0.05	0.04			Offsite Worker
595434.00	4173023.00	1.19E-02	1.39E-03	1.29E-03	0.14	0.15	0.02	0.31	0.06	0.04			Offsite Worker
595454.00	4173023.00	1.28E-02	1.48E-03	1.20E-03	0.15	0.15	0.02	0.33	0.06	0.04			Offsite Worker
595474.00	4173023.00	1.36E-02	1.56E-03	1.13E-03	0.16	0.16	0.02	0.34	0.06	0.05			Offsite Worker
595494.00	4173023.00	1.44E-02	1.63E-03	1.07E-03	0.17	0.17	0.02	0.36	0.06	0.05			Offsite Worker
595514.00	4173023.00	1.49E-02	1.69E-03	1.01E-03	0.17	0.18	0.02	0.37	0.06	0.05			Offsite Worker
595534.00	4173023.00	1.54E-02	1.75E-03	9.66E-04	0.18	0.18	0.02	0.38	0.06	0.05			Offsite Worker
595554.00	4173023.00	1.57E-02	1.80E-03	9.25E-04	0.18	0.19	0.02	0.39	0.06	0.05			Offsite Worker
595574.00	4173023.00	1.58E-02	1.83E-03	8.87E-04	0.18	0.19	0.02	0.39	0.06	0.06			Offsite Worker
595594.00	4173023.00	1.59E-02	1.87E-03	8.53E-04	0.18	0.20	0.02	0.40	0.06	0.06			Offsite Worker
595294.00	4173043.00	5.63E-03	8.08E-04	1.83E-03	0.07	0.08	0.03	0.18	0.04	0.02			Offsite Worker
595314.00	4173043.00	6.20E-03	8.65E-04	1.75E-03	0.07	0.09	0.03	0.19	0.04	0.02			Offsite Worker
595334.00	4173043.00	6.85E-03	9.28E-04	1.65E-03	0.08	0.10	0.03	0.21	0.04	0.03			Offsite Worker
595354.00	4173043.00	7.56E-03	9.95E-04	1.53E-03	0.09	0.10	0.03	0.22	0.04	0.03			Offsite Worker
595374.00	4173043.00	8.32E-03	1.07E-03	1.42E-03	0.10	0.11	0.03	0.23	0.04	0.03			Offsite Worker
595394.00	4173043.00	9.13E-03	1.14E-03	1.32E-03	0.11	0.12	0.02	0.25	0.05	0.03			Offsite Worker
595414.00	4173043.00	9.95E-03	1.22E-03	1.22E-03	0.12	0.13	0.02	0.27	0.05	0.04			Offsite Worker
595434.00	4173043.00	1.08E-02	1.29E-03	1.14E-03	0.12	0.14	0.02	0.28	0.05	0.04			Offsite Worker
595454.00	4173043.00	1.16E-02	1.36E-03	1.07E-03	0.13	0.14	0.02	0.30	0.05	0.04			Offsite Worker
595474.00	4173043.00	1.23E-02	1.44E-03	1.01E-03	0.14	0.15	0.02	0.31	0.05	0.04			Offsite Worker
595494.00	4173043.00	1.29E-02	1.50E-03	9.62E-04	0.15	0.16	0.02	0.32	0.06	0.05			Offsite Worker
595514.00	4173043.00	1.34E-02	1.56E-03	9.16E-04	0.16	0.16	0.02	0.34	0.06	0.05			Offsite Worker
595534.00	4173043.00	1.39E-02	1.61E-03	8.77E-04	0.16	0.17	0.02	0.35	0.06	0.05			Offsite Worker
595554.00	4173043.00	1.42E-02	1.66E-03	8.42E-04	0.16	0.17	0.02	0.35	0.06	0.05			Offsite Worker
595574.00	4173043.00	1.44E-02	1.70E-03	8.11E-04	0.17	0.18	0.02	0.36	0.06	0.05			Offsite Worker
595294.00	4173063.00	5.28E-03	7.71E-04	1.41E-03	0.06	0.08	0.03	0.17	0.03	0.02			Offsite Worker
595314.00	4173063.00	5.79E-03	8.23E-04	1.39E-03	0.07	0.09	0.03	0.18	0.04	0.02			Offsite Worker
595334.00	4173063.00	6.36E-03	8.79E-04	1.34E-03	0.07	0.09	0.02	0.19	0.04	0.02			Offsite Worker
595354.00	4173063.00	6.98E-03	9.39E-04	1.28E-03	0.08	0.10	0.02	0.20	0.04	0.03			Offsite Worker
595374.00	4173063.00	7.66E-03	1.00E-03	1.21E-03	0.09	0.10	0.02	0.22	0.04	0.03			Offsite Worker
595394.00	4173063.00	8.35E-03	1.07E-03	1.14E-03	0.10	0.11	0.02	0.23	0.04	0.03			Offsite Worker
595414.00	4173063.00	9.06E-03	1.13E-03	1.07E-03	0.10	0.12	0.02	0.24	0.04	0.03			Offsite Worker
595434.00	4173063.00	9.78E-03	1.20E-03	1.01E-03	0.11	0.13	0.02	0.26	0.05	0.03			Offsite Worker
595454.00	4173063.00	1.05E-02	1.27E-03	9.57E-04	0.12	0.13	0.02	0.27	0.05	0.04			Offsite Worker
595474.00	4173063.00	1.11E-02	1.33E-03	9.10E-04	0.13	0.14	0.02	0.29	0.05	0.04			Offsite Worker
595494.00	4173063.00	1.17E-02	1.39E-03	8.70E-04	0.14	0.15	0.02	0.30	0.05	0.04			Offsite Worker
595514.00	4173063.00	1.22E-02	1.45E-03	8.33E-04	0.14	0.15	0.02	0.31	0.05	0.04			Offsite Worker
595534.00	4173063.00	1.26E-02	1.49E-03	7.98E-04	0.15	0.16	0.01	0.32	0.05	0.04			Offsite Worker
595554.00	4173063.00	1.29E-02	1.54E-03	7.69E-04	0.15	0.16	0.01	0.32	0.05	0.05			Offsite Worker
595574.00	4173063.00	1.31E-02	1.57E-03	7.42E-04	0.15	0.16	0.01	0.33	0.05	0.05			Offsite Worker
595354.00	4173083.00	6.48E-03	8.88E-04	1.07E-03	0.07	0.09	0.02	0.19	0.03	0.02			Offsite Worker
595374.00	4173083.00	7.06E-03	9.44E-04	1.03E-03	0.08	0.10	0.02	0.20	0.04	0.03			Offsite Worker
595394.00	4173083.00	7.66E-03	1.00E-03	9.82E-04	0.09	0.10	0.02	0.21	0.04	0.03			Offsite Worker
595414.00	4173083.00	8.29E-03	1.06E-03	9.37E-04	0.10	0.11	0.02	0.22	0.04	0.03			Offsite Worker

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
595434.00	4173083.00	8.92E-03	1.12E-03	8.95E-04	0.10	0.12	0.02	0.24	0.04	0.03			Offsite Worker
595454.00	4173083.00	9.55E-03	1.18E-03	8.57E-04	0.11	0.12	0.02	0.25	0.04	0.03			Offsite Worker
595474.00	4173083.00	1.01E-02	1.24E-03	8.22E-04	0.12	0.13	0.02	0.26	0.04	0.04			Offsite Worker
595494.00	4173083.00	1.07E-02	1.30E-03	7.92E-04	0.12	0.14	0.01	0.27	0.05	0.04			Offsite Worker
595514.00	4173083.00	1.11E-02	1.35E-03	7.61E-04	0.13	0.14	0.01	0.28	0.05	0.04			Offsite Worker
595534.00	4173083.00	1.15E-02	1.39E-03	7.29E-04	0.13	0.15	0.01	0.29	0.05	0.04			Offsite Worker
595554.00	4173083.00	1.18E-02	1.43E-03	7.05E-04	0.14	0.15	0.01	0.30	0.05	0.04			Offsite Worker
595574.00	4173083.00	1.20E-02	1.47E-03	6.81E-04	0.14	0.15	0.01	0.30	0.05	0.04			Offsite Worker
595334.00	4173103.00	5.53E-03	7.93E-04	9.17E-04	0.06	0.08	0.02	0.16	0.03	0.02			Offsite Worker
595354.00	4173103.00	6.02E-03	8.41E-04	9.04E-04	0.07	0.09	0.02	0.17	0.03	0.02			Offsite Worker
595374.00	4173103.00	6.53E-03	8.91E-04	8.80E-04	0.08	0.09	0.02	0.19	0.03	0.02			Offsite Worker
595394.00	4173103.00	7.06E-03	9.43E-04	8.52E-04	0.08	0.10	0.02	0.20	0.03	0.03			Offsite Worker
595414.00	4173103.00	7.62E-03	9.96E-04	8.23E-04	0.09	0.10	0.02	0.21	0.04	0.03			Offsite Worker
595434.00	4173103.00	8.18E-03	1.05E-03	7.94E-04	0.09	0.11	0.01	0.22	0.04	0.03			Offsite Worker
595454.00	4173103.00	8.75E-03	1.11E-03	7.68E-04	0.10	0.12	0.01	0.23	0.04	0.03			Offsite Worker
595474.00	4173103.00	9.28E-03	1.16E-03	7.43E-04	0.11	0.12	0.01	0.24	0.04	0.03			Offsite Worker
595494.00	4173103.00	9.77E-03	1.21E-03	7.20E-04	0.11	0.13	0.01	0.25	0.04	0.03			Offsite Worker
595514.00	4173103.00	1.01E-02	1.25E-03	6.89E-04	0.12	0.13	0.01	0.26	0.04	0.04			Offsite Worker
595334.00	4173123.00	5.17E-03	7.54E-04	7.73E-04	0.06	0.08	0.01	0.15	0.03	0.02			Offsite Worker
595354.00	4173123.00	5.60E-03	7.98E-04	7.70E-04	0.06	0.08	0.01	0.16	0.03	0.02			Offsite Worker
595374.00	4173123.00	6.06E-03	8.43E-04	7.59E-04	0.07	0.09	0.01	0.17	0.03	0.02			Offsite Worker
595394.00	4173123.00	6.53E-03	8.90E-04	7.43E-04	0.08	0.09	0.01	0.18	0.03	0.02			Offsite Worker
595414.00	4173123.00	7.03E-03	9.38E-04	7.26E-04	0.08	0.10	0.01	0.19	0.03	0.03			Offsite Worker
595434.00	4173123.00	7.54E-03	9.88E-04	7.08E-04	0.09	0.10	0.01	0.20	0.03	0.03			Offsite Worker
595454.00	4173123.00	8.05E-03	1.04E-03	6.90E-04	0.09	0.11	0.01	0.21	0.04	0.03			Offsite Worker
595474.00	4173123.00	8.54E-03	1.09E-03	6.73E-04	0.10	0.11	0.01	0.23	0.04	0.03			Offsite Worker
595494.00	4173123.00	8.97E-03	1.14E-03	6.54E-04	0.10	0.12	0.01	0.23	0.04	0.03			Offsite Worker
595514.00	4173123.00	9.30E-03	1.17E-03	6.30E-04	0.11	0.12	0.01	0.24	0.04	0.03			Offsite Worker
595354.00	4173143.00	5.23E-03	7.59E-04	6.64E-04	0.06	0.08	0.01	0.15	0.03	0.02			Offsite Worker
595374.00	4173143.00	5.65E-03	8.00E-04	6.61E-04	0.07	0.08	0.01	0.16	0.03	0.02			Offsite Worker
595394.00	4173143.00	6.08E-03	8.43E-04	6.54E-04	0.07	0.09	0.01	0.17	0.03	0.02			Offsite Worker
595414.00	4173143.00	6.56E-03	8.91E-04	6.48E-04	0.08	0.09	0.01	0.18	0.03	0.02			Offsite Worker
595434.00	4173143.00	7.00E-03	9.36E-04	6.36E-04	0.08	0.10	0.01	0.19	0.03	0.03			Offsite Worker
595494.00	4173143.00	8.23E-03	1.06E-03	5.91E-04	0.10	0.11	0.01	0.22	0.04	0.03			Offsite Worker
595354.00	4173163.00	4.92E-03	7.24E-04	5.80E-04	0.06	0.08	0.01	0.14	0.02	0.02			Offsite Worker
595374.00	4173163.00	5.28E-03	7.61E-04	5.81E-04	0.06	0.08	0.01	0.15	0.03	0.02			Offsite Worker
595394.00	4173163.00	5.67E-03	8.01E-04	5.78E-04	0.07	0.08	0.01	0.16	0.03	0.02			Offsite Worker
595414.00	4173163.00	6.09E-03	8.43E-04	5.76E-04	0.07	0.09	0.01	0.17	0.03	0.02			Offsite Worker
595434.00	4173163.00	6.49E-03	8.84E-04	5.68E-04	0.07	0.09	0.01	0.18	0.03	0.02			Offsite Worker
595374.00	4173183.00	4.96E-03	7.26E-04	5.14E-04	0.06	0.08	0.01	0.14	0.02	0.02			Offsite Worker
595394.00	4173183.00	5.30E-03	7.62E-04	5.15E-04	0.06	0.08	0.01	0.15	0.03	0.02			Offsite Worker
595414.00	4173183.00	5.66E-03	7.98E-04	5.13E-04	0.07	0.08	0.01	0.16	0.03	0.02			Offsite Worker
595434.00	4173183.00	6.03E-03	8.36E-04	5.10E-04	0.07	0.09	0.01	0.17	0.03	0.02			Offsite Worker
595203.12	4172931.43	5.37E-03	7.86E-04	1.29E-02	0.06	0.08	0.24	0.38	0.15	0.02	0.17		Onsite Daycare
595305.29	4173022.49	6.38E-03	8.84E-04	2.36E-03	0.07	0.09	0.04	0.21	0.05	0.02		0.36	Offsite CSP
596059.85	4172738.92	1.72E-02	3.26E-03	6.37E-04	0.20	0.34	0.01	0.55	0.08	0.07			Offsite Worker
595782	4171913	8.94E-03	4.97E-03	1.20E-03	0.10	0.52	0.02	0.65	0.07	0.06			Offsite Worker
595790	4171878	6.77E-03	3.60E-03	8.54E-04	0.08	0.38	0.02	0.47	0.05	0.05			Offsite Worker
595827	4171700	2.51E-03	1.09E-03	2.11E-04	0.03	0.11	0.00	0.15	0.02	0.02			Offsite Worker
595858	4171568	1.55E-03	6.06E-04	1.05E-04	0.02	0.06	0.00	0.08	0.01	0.01			Offsite Worker
595427.66	4172811.08	6.79E-02	5.46E-03	3.36E-03	0.78	0.57	0.06	1.42	0.25	0.22			Offsite Worker
595616.96	4172890.78	3.18E-02	3.38E-03	1.50E-03	0.37	0.35	0.03	0.75	0.12	0.11			Offsite Worker
595465.61	4172972.42	1.79E-02	1.90E-03	1.53E-03	0.21	0.20	0.03	0.43	0.08	0.06			Offsite Worker
595413.93	4172953.11	1.63E-02	1.75E-03	2.20E-03	0.19	0.18	0.04	0.41	0.08	0.06			Offsite Worker
595207.62	4172857.58	7.18E-03	9.77E-04	1.01E-02	0.08	0.10	0.19	0.37	0.13	0.03			Onsite Worker
595229.35	4172793.73	1.19E-02	1.42E-03	1.04E-02	0.14	0.15	0.19	0.48	0.15	0.04			Onsite Worker
595251	4172717	3.62E-02	3.25E-03	1.10E-02	0.42	0.34	0.21	0.96	0.23	0.12			Onsite Worker
595276	4172655	1.11E-01	8.29E-03	1.31E-02	1.28	0.87	0.24	2.39	0.49	0.35			Onsite Worker
595286	4171791	5.18E-03	2.51E-03	4.61E-04	0.06	0.26	0.01	0.33	0.04	0.03			Offsite Residential
595306	4171791	5.00E-03	2.39E-03	4.42E-04	0.06	0.25	0.01	0.32	0.04	0.03			Offsite Residential
595326	4171791	4.83E-03	2.29E-03	4.23E-04	0.06	0.24	0.01	0.30	0.03	0.03			Offsite Residential
595266	4171811	5.91E-03	2.95E-03	5.51E-04	0.07	0.31	0.01	0.39	0.04	0.04			Offsite Residential
595286	4171811	5.69E-03	2.81E-03	5.30E-04	0.07	0.29	0.01	0.37	0.04	0.04			Offsite Residential
595306	4171811	5.50E-03	2.70E-03	5.12E-04	0.06	0.28	0.01	0.36	0.04	0.04			Offsite Residential

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
595326	4171811	5.30E-03	2.57E-03	4.90E-04	0.06	0.27	0.01	0.34	0.04	0.03			Offsite Residential
595246	4171831	6.79E-03	3.50E-03	6.53E-04	0.08	0.37	0.01	0.46	0.05	0.04			Offsite Residential
595266	4171831	6.54E-03	3.34E-03	6.36E-04	0.08	0.35	0.01	0.44	0.05	0.04			Offsite Residential
595286	4171831	6.30E-03	3.19E-03	6.17E-04	0.07	0.33	0.01	0.42	0.05	0.04			Offsite Residential
595306	4171831	6.08E-03	3.05E-03	5.96E-04	0.07	0.32	0.01	0.40	0.05	0.04			Offsite Residential
595326	4171831	5.85E-03	2.91E-03	5.73E-04	0.07	0.30	0.01	0.38	0.04	0.04			Offsite Residential
595226	4171851	7.83E-03	4.17E-03	7.64E-04	0.09	0.44	0.01	0.54	0.06	0.05			Offsite Residential
595246	4171851	7.59E-03	4.01E-03	7.56E-04	0.09	0.42	0.01	0.52	0.06	0.05			Offsite Residential
595266	4171851	7.32E-03	3.84E-03	7.41E-04	0.08	0.40	0.01	0.50	0.06	0.05			Offsite Residential
595286	4171851	7.04E-03	3.66E-03	7.23E-04	0.08	0.38	0.01	0.48	0.05	0.05			Offsite Residential
595306	4171851	6.77E-03	3.48E-03	7.01E-04	0.08	0.36	0.01	0.46	0.05	0.04			Offsite Residential
595326	4171851	6.51E-03	3.32E-03	6.75E-04	0.08	0.35	0.01	0.43	0.05	0.04			Offsite Residential
595206	4171871	9.09E-03	4.96E-03	8.77E-04	0.11	0.52	0.02	0.64	0.07	0.06			Offsite Residential
595226	4171871	8.82E-03	4.80E-03	8.78E-04	0.10	0.50	0.02	0.62	0.07	0.06			Offsite Residential
595246	4171871	8.52E-03	4.61E-03	8.74E-04	0.10	0.48	0.02	0.60	0.07	0.06			Offsite Residential
595266	4171871	8.21E-03	4.41E-03	8.63E-04	0.09	0.46	0.02	0.57	0.06	0.06			Offsite Residential
595286	4171871	7.90E-03	4.21E-03	8.48E-04	0.09	0.44	0.02	0.55	0.06	0.05			Offsite Residential
595306	4171871	7.60E-03	4.01E-03	8.28E-04	0.09	0.42	0.02	0.52	0.06	0.05			Offsite Residential
595186	4171891	1.05E-02	5.86E-03	9.79E-04	0.12	0.61	0.02	0.75	0.08	0.07			Offsite Residential
595206	4171891	1.02E-02	5.71E-03	9.94E-04	0.12	0.60	0.02	0.73	0.08	0.07			Offsite Residential
595226	4171891	9.94E-03	5.53E-03	1.00E-03	0.11	0.58	0.02	0.71	0.08	0.07			Offsite Residential
595246	4171891	9.63E-03	5.33E-03	1.01E-03	0.11	0.56	0.02	0.69	0.08	0.07			Offsite Residential
595266	4171891	9.29E-03	5.11E-03	1.01E-03	0.11	0.54	0.02	0.66	0.07	0.06			Offsite Residential
595286	4171891	8.94E-03	4.89E-03	9.99E-04	0.10	0.51	0.02	0.63	0.07	0.06			Offsite Residential
595306	4171891	8.59E-03	4.65E-03	9.84E-04	0.10	0.49	0.02	0.60	0.07	0.06			Offsite Residential
595186	4171911	1.18E-02	6.71E-03	1.09E-03	0.14	0.70	0.02	0.86	0.09	0.08			Offsite Residential
595206	4171911	1.16E-02	6.56E-03	1.12E-03	0.13	0.69	0.02	0.84	0.09	0.08			Offsite Residential
595226	4171911	1.13E-02	6.39E-03	1.14E-03	0.13	0.67	0.02	0.82	0.09	0.08			Offsite Residential
595246	4171911	1.09E-02	6.20E-03	1.16E-03	0.13	0.65	0.02	0.80	0.09	0.08			Offsite Residential
595266	4171911	1.06E-02	5.97E-03	1.17E-03	0.12	0.63	0.02	0.77	0.09	0.07			Offsite Residential
595286	4171911	1.02E-02	5.71E-03	1.18E-03	0.12	0.60	0.02	0.74	0.08	0.07			Offsite Residential
595306	4171911	9.80E-03	5.45E-03	1.17E-03	0.11	0.57	0.02	0.71	0.08	0.07			Offsite Residential
595166	4171931	1.35E-02	7.74E-03	1.16E-03	0.16	0.81	0.02	0.99	0.11	0.10			Offsite Residential
595186	4171931	1.33E-02	7.68E-03	1.20E-03	0.15	0.80	0.02	0.98	0.11	0.09			Offsite Residential
595206	4171931	1.31E-02	7.58E-03	1.25E-03	0.15	0.79	0.02	0.97	0.11	0.09			Offsite Residential
595226	4171931	1.28E-02	7.42E-03	1.29E-03	0.15	0.78	0.02	0.95	0.10	0.09			Offsite Residential
595246	4171931	1.25E-02	7.24E-03	1.33E-03	0.14	0.76	0.02	0.93	0.10	0.09			Offsite Residential
595266	4171931	1.21E-02	7.00E-03	1.36E-03	0.14	0.73	0.03	0.90	0.10	0.09			Offsite Residential
595286	4171931	1.17E-02	6.73E-03	1.38E-03	0.14	0.70	0.03	0.87	0.10	0.08			Offsite Residential
595166	4171951	1.52E-02	8.78E-03	1.25E-03	0.18	0.92	0.02	1.12	0.12	0.11			Offsite Residential
595186	4171951	1.50E-02	8.78E-03	1.31E-03	0.17	0.92	0.02	1.12	0.12	0.11			Offsite Residential
595206	4171951	1.49E-02	8.73E-03	1.37E-03	0.17	0.91	0.03	1.11	0.12	0.11			Offsite Residential
595226	4171951	1.46E-02	8.61E-03	1.44E-03	0.17	0.90	0.03	1.10	0.12	0.11			Offsite Residential
595246	4171951	1.43E-02	8.47E-03	1.50E-03	0.17	0.89	0.03	1.08	0.12	0.10			Offsite Residential
595266	4171951	1.40E-02	8.25E-03	1.56E-03	0.16	0.86	0.03	1.05	0.12	0.10			Offsite Residential
595286	4171951	1.36E-02	7.99E-03	1.62E-03	0.16	0.84	0.03	1.02	0.11	0.10			Offsite Residential
595146	4171971	1.69E-02	9.75E-03	1.26E-03	0.20	1.02	0.02	1.24	0.13	0.12			Offsite Residential
595166	4171971	1.70E-02	9.90E-03	1.33E-03	0.20	1.04	0.02	1.26	0.14	0.12			Offsite Residential
595186	4171971	1.70E-02	1.00E-02	1.41E-03	0.20	1.05	0.03	1.27	0.14	0.12			Offsite Residential
595206	4171971	1.69E-02	1.00E-02	1.49E-03	0.20	1.05	0.03	1.27	0.14	0.12			Offsite Residential
595226	4171971	1.67E-02	1.00E-02	1.58E-03	0.19	1.05	0.03	1.27	0.14	0.12			Offsite Residential
595246	4171971	1.65E-02	9.94E-03	1.68E-03	0.19	1.04	0.03	1.26	0.14	0.12			Offsite Residential
595266	4171971	1.62E-02	9.76E-03	1.78E-03	0.19	1.02	0.03	1.24	0.14	0.12			Offsite Residential
595146	4171991	1.87E-02	1.08E-02	1.31E-03	0.22	1.13	0.02	1.37	0.15	0.13			Offsite Residential
595166	4171991	1.89E-02	1.11E-02	1.40E-03	0.22	1.16	0.03	1.41	0.15	0.14			Offsite Residential
595186	4171991	1.91E-02	1.14E-02	1.49E-03	0.22	1.19	0.03	1.44	0.15	0.14			Offsite Residential
595206	4171991	1.91E-02	1.15E-02	1.59E-03	0.22	1.21	0.03	1.46	0.16	0.14			Offsite Residential
595853	4171825	5.45E-03	2.78E-03	5.76E-04	0.06	0.29	0.01	0.36	0.04	0.04			Offsite Residential
595853	4171845	6.23E-03	3.24E-03	6.72E-04	0.07	0.34	0.01	0.42	0.05	0.04			Offsite Residential
595853	4171865	7.17E-03	3.81E-03	7.83E-04	0.08	0.40	0.01	0.50	0.06	0.05			Offsite Residential
595873	4171865	7.45E-03	3.96E-03	7.79E-04	0.09	0.41	0.01	0.52	0.06	0.05			Offsite Residential
595893	4171865	7.71E-03	4.09E-03	7.71E-04	0.09	0.43	0.01	0.53	0.06	0.05			Offsite Residential
595833	4171885	7.98E-03	4.32E-03	9.19E-04	0.09	0.45	0.02	0.56	0.06	0.05			Offsite Residential
595853	4171885	8.30E-03	4.50E-03	9.09E-04	0.10	0.47	0.02	0.58	0.07	0.06			Offsite Residential

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
595873	4171885	8.59E-03	4.64E-03	8.94E-04	0.10	0.49	0.02	0.60	0.07	0.06			Offsite Residential
595893	4171885	8.85E-03	4.77E-03	8.76E-04	0.10	0.50	0.02	0.62	0.07	0.06			Offsite Residential
595833	4171905	9.30E-03	5.14E-03	1.07E-03	0.11	0.54	0.02	0.67	0.08	0.06			Offsite Residential
595853	4171905	9.65E-03	5.33E-03	1.05E-03	0.11	0.56	0.02	0.69	0.08	0.07			Offsite Residential
595873	4171905	9.94E-03	5.47E-03	1.02E-03	0.11	0.57	0.02	0.71	0.08	0.07			Offsite Residential
595893	4171905	1.02E-02	5.55E-03	9.87E-04	0.12	0.58	0.02	0.72	0.08	0.07			Offsite Residential
595913	4171905	1.03E-02	5.60E-03	9.54E-04	0.12	0.59	0.02	0.72	0.08	0.07			Offsite Residential
595833	4171925	1.08E-02	6.10E-03	1.24E-03	0.13	0.64	0.02	0.79	0.09	0.08			Offsite Residential
595853	4171925	1.12E-02	6.26E-03	1.19E-03	0.13	0.66	0.02	0.81	0.09	0.08			Offsite Residential
595873	4171925	1.14E-02	6.37E-03	1.15E-03	0.13	0.67	0.02	0.82	0.09	0.08			Offsite Residential
595893	4171925	1.16E-02	6.43E-03	1.10E-03	0.13	0.67	0.02	0.83	0.09	0.08			Offsite Residential
595913	4171925	1.18E-02	6.46E-03	1.06E-03	0.14	0.68	0.02	0.83	0.09	0.08			Offsite Residential
595853	4171945	1.30E-02	7.41E-03	1.35E-03	0.15	0.78	0.03	0.95	0.11	0.09			Offsite Residential
595873	4171945	1.32E-02	7.43E-03	1.28E-03	0.15	0.78	0.02	0.95	0.11	0.09			Offsite Residential
595893	4171945	1.33E-02	7.42E-03	1.22E-03	0.15	0.78	0.02	0.95	0.10	0.09			Offsite Residential
595913	4171945	1.33E-02	7.37E-03	1.16E-03	0.15	0.77	0.02	0.95	0.10	0.09			Offsite Residential
595933	4171945	1.33E-02	7.30E-03	1.10E-03	0.15	0.76	0.02	0.94	0.10	0.09			Offsite Residential
595102	4172101	2.60E-02	1.24E-02	1.29E-03	0.30	1.30	0.02	1.63	0.18	0.16			Offsite Residential
595122	4172101	2.71E-02	1.36E-02	1.36E-03	0.31	1.43	0.03	1.77	0.19	0.18			Offsite Residential
595142	4172101	2.85E-02	1.50E-02	1.44E-03	0.33	1.57	0.03	1.92	0.21	0.19			Offsite Residential
595102	4172121	2.70E-02	1.22E-02	1.30E-03	0.31	1.27	0.02	1.61	0.18	0.16			Offsite Residential
595122	4172121	2.82E-02	1.34E-02	1.38E-03	0.33	1.40	0.03	1.75	0.19	0.18			Offsite Residential
595142	4172121	2.96E-02	1.48E-02	1.47E-03	0.34	1.55	0.03	1.92	0.21	0.19			Offsite Residential
595082	4172141	2.69E-02	1.06E-02	1.24E-03	0.31	1.11	0.02	1.44	0.17	0.15			Offsite Residential
595102	4172141	2.79E-02	1.16E-02	1.32E-03	0.32	1.22	0.02	1.56	0.18	0.16			Offsite Residential
595122	4172141	2.91E-02	1.29E-02	1.41E-03	0.34	1.35	0.03	1.71	0.19	0.18			Offsite Residential
595142	4172141	3.06E-02	1.43E-02	1.50E-03	0.35	1.50	0.03	1.88	0.21	0.19			Offsite Residential
595082	4172161	2.78E-02	9.88E-03	1.25E-03	0.32	1.03	0.02	1.38	0.16	0.15			Offsite Residential
595102	4172161	2.89E-02	1.09E-02	1.34E-03	0.33	1.14	0.02	1.50	0.17	0.16			Offsite Residential
595122	4172161	3.00E-02	1.21E-02	1.44E-03	0.35	1.26	0.03	1.64	0.19	0.17			Offsite Residential
595142	4172161	3.14E-02	1.35E-02	1.54E-03	0.36	1.41	0.03	1.80	0.20	0.19			Offsite Residential
595082	4172181	2.89E-02	9.08E-03	1.24E-03	0.33	0.95	0.02	1.31	0.16	0.15			Offsite Residential
595102	4172181	2.99E-02	9.99E-03	1.35E-03	0.35	1.05	0.03	1.42	0.17	0.16			Offsite Residential
595122	4172181	3.10E-02	1.11E-02	1.46E-03	0.36	1.16	0.03	1.54	0.18	0.17			Offsite Residential
595142	4172181	3.22E-02	1.23E-02	1.58E-03	0.37	1.29	0.03	1.69	0.20	0.18			Offsite Residential
595062	4172201	2.93E-02	7.55E-03	1.12E-03	0.34	0.79	0.02	1.15	0.15	0.14			Offsite Residential
595082	4172201	3.02E-02	8.22E-03	1.22E-03	0.35	0.86	0.02	1.23	0.16	0.14			Offsite Residential
595102	4172201	3.12E-02	9.01E-03	1.33E-03	0.36	0.94	0.02	1.33	0.17	0.15			Offsite Residential
595122	4172201	3.22E-02	9.93E-03	1.46E-03	0.37	1.04	0.03	1.44	0.18	0.16			Offsite Residential
595142	4172201	3.33E-02	1.10E-02	1.60E-03	0.38	1.15	0.03	1.57	0.19	0.17			Offsite Residential
595162	4172201	3.46E-02	1.23E-02	1.76E-03	0.40	1.29	0.03	1.72	0.20	0.19			Offsite Residential
595062	4172221	3.07E-02	6.82E-03	1.08E-03	0.36	0.71	0.02	1.09	0.14	0.13			Offsite Residential
595082	4172221	3.17E-02	7.38E-03	1.18E-03	0.37	0.77	0.02	1.16	0.15	0.14			Offsite Residential
595102	4172221	3.27E-02	8.04E-03	1.30E-03	0.38	0.84	0.02	1.24	0.16	0.15			Offsite Residential
595122	4172221	3.37E-02	8.78E-03	1.44E-03	0.39	0.92	0.03	1.34	0.17	0.16			Offsite Residential
595142	4172221	3.47E-02	9.67E-03	1.59E-03	0.40	1.01	0.03	1.44	0.18	0.17			Offsite Residential
595162	4172221	3.58E-02	1.07E-02	1.77E-03	0.41	1.12	0.03	1.57	0.19	0.18			Offsite Residential
595062	4172241	3.24E-02	6.15E-03	1.03E-03	0.37	0.64	0.02	1.04	0.14	0.13			Offsite Residential
595082	4172241	3.35E-02	6.61E-03	1.13E-03	0.39	0.69	0.02	1.10	0.15	0.14			Offsite Residential
595102	4172241	3.46E-02	7.14E-03	1.25E-03	0.40	0.75	0.02	1.17	0.16	0.15			Offsite Residential
595122	4172241	3.56E-02	7.73E-03	1.38E-03	0.41	0.81	0.03	1.25	0.17	0.15			Offsite Residential
595142	4172241	3.67E-02	8.44E-03	1.55E-03	0.42	0.88	0.03	1.34	0.18	0.16			Offsite Residential
595162	4172241	3.78E-02	9.27E-03	1.75E-03	0.44	0.97	0.03	1.44	0.19	0.17			Offsite Residential
595062	4172261	3.42E-02	5.57E-03	9.63E-04	0.40	0.58	0.02	1.00	0.14	0.13			Offsite Residential
595082	4172261	3.56E-02	5.96E-03	1.06E-03	0.41	0.62	0.02	1.06	0.15	0.14			Offsite Residential
595102	4172261	3.68E-02	6.36E-03	1.17E-03	0.43	0.67	0.02	1.11	0.16	0.15			Offsite Residential
595122	4172261	3.81E-02	6.84E-03	1.30E-03	0.44	0.72	0.02	1.18	0.17	0.15			Offsite Residential
595142	4172261	3.94E-02	7.40E-03	1.47E-03	0.46	0.77	0.03	1.26	0.18	0.16			Offsite Residential
595042	4172281	3.46E-02	4.79E-03	8.19E-04	0.40	0.50	0.02	0.92	0.14	0.13			Offsite Residential
595062	4172281	3.62E-02	5.10E-03	8.89E-04	0.42	0.53	0.02	0.97	0.14	0.13			Offsite Residential
595082	4172281	3.78E-02	5.43E-03	9.74E-04	0.44	0.57	0.02	1.02	0.15	0.14			Offsite Residential
595102	4172281	3.93E-02	5.75E-03	1.07E-03	0.45	0.60	0.02	1.08	0.16	0.15			Offsite Residential
595122	4172281	4.11E-02	6.17E-03	1.20E-03	0.47	0.65	0.02	1.14	0.17	0.15			Offsite Residential
595142	4172281	4.27E-02	6.59E-03	1.34E-03	0.49	0.69	0.03	1.21	0.18	0.16			Offsite Residential

Receptor		Total DPM Concentration (ug/m3)			Cancer Risk (in a million)								Receptor Type
					Offsite Residential				Offsite Worker	Onsite Worker	Onsite Daycare	CSP Users	
X	Y	3rd Tri	0 < 2	2 < 16	3rd Tri	0 < 2	2 < 16	Total					
595162	4172281	4.42E-02	7.05E-03	1.53E-03	0.51	0.74	0.03	1.28	0.19	0.17			Offsite Residential
595042	4172301	3.62E-02	4.45E-03	7.54E-04	0.42	0.47	0.01	0.90	0.14	0.13			Offsite Residential
595062	4172301	3.81E-02	4.73E-03	8.13E-04	0.44	0.49	0.02	0.95	0.14	0.14			Offsite Residential
595082	4172301	4.00E-02	5.01E-03	8.81E-04	0.46	0.52	0.02	1.00	0.15	0.14			Offsite Residential
595102	4172301	4.20E-02	5.30E-03	9.63E-04	0.49	0.56	0.02	1.06	0.16	0.15			Offsite Residential
595122	4172301	4.42E-02	5.65E-03	1.07E-03	0.51	0.59	0.02	1.12	0.17	0.16			Offsite Residential
595142	4172301	4.64E-02	6.02E-03	1.20E-03	0.54	0.63	0.02	1.19	0.18	0.17			Offsite Residential
595162	4172301	4.86E-02	6.43E-03	1.36E-03	0.56	0.67	0.03	1.26	0.19	0.18			Offsite Residential
595042	4172321	3.78E-02	4.20E-03	6.94E-04	0.44	0.44	0.01	0.89	0.14	0.13			Offsite Residential
595062	4172321	4.00E-02	4.46E-03	7.41E-04	0.46	0.47	0.01	0.94	0.15	0.14			Offsite Residential
595082	4172321	4.19E-02	4.48E-03	7.88E-04	0.48	0.47	0.01	0.97	0.15	0.14			Offsite Residential
595102	4172321	4.47E-02	4.99E-03	8.57E-04	0.52	0.52	0.02	1.06	0.16	0.16			Offsite Residential
595122	4172321	4.73E-02	5.31E-03	9.40E-04	0.55	0.56	0.02	1.12	0.17	0.16			Offsite Residential
595142	4172321	5.02E-02	5.67E-03	1.04E-03	0.58	0.59	0.02	1.19	0.19	0.17			Offsite Residential
595162	4172321	5.32E-02	6.05E-03	1.17E-03	0.61	0.63	0.02	1.27	0.20	0.19			Offsite Residential
595022	4172341	3.68E-02	3.78E-03	6.14E-04	0.43	0.40	0.01	0.83	0.13	0.13			Offsite Residential
595042	4172341	3.92E-02	4.01E-03	6.43E-04	0.45	0.42	0.01	0.89	0.14	0.13			Offsite Residential
595062	4172341	4.18E-02	4.26E-03	6.77E-04	0.48	0.45	0.01	0.94	0.15	0.14			Offsite Residential
595082	4172341	4.44E-02	4.52E-03	7.16E-04	0.51	0.47	0.01	1.00	0.16	0.15			Offsite Residential
595102	4172341	4.73E-02	4.81E-03	7.64E-04	0.55	0.50	0.01	1.06	0.17	0.16			Offsite Residential
595122	4172341	5.04E-02	5.11E-03	8.23E-04	0.58	0.54	0.02	1.13	0.18	0.17			Offsite Residential
595142	4172341	5.40E-02	5.47E-03	9.01E-04	0.62	0.57	0.02	1.21	0.19	0.18			Offsite Residential
595162	4172341	5.78E-02	5.86E-03	9.96E-04	0.67	0.61	0.02	1.30	0.21	0.20			Offsite Residential
595509.20	4172311.10	1.64E-01	9.42E-02	2.63E-02	1.90	9.87	0.49	12.25	1.43	1.16			Onsite Worker
595453.66	4172369.33	1.95E-01	2.77E-02	2.33E-02	2.26	2.90	0.43	5.60	0.97	0.72			Onsite Worker
595568.33	4173021.18	1.59E-02	1.84E-03	9.05E-04	0.18	0.19	0.02	0.39	0.07	0.06			Offsite Worker
595515.00	4172097.00	3.95E-02	2.71E-02	2.39E-02	0.46	2.84	0.44	3.74	0.56	0.31			Onsite Worker
595272	4172931	7.51E-03	9.98E-04	1.45E-02	0.09	0.10	0.27	0.46	0.18	0.03			Fenceline
595260	4172957	6.38E-03	8.87E-04	1.44E-02	0.07	0.09	0.27	0.44	0.17	0.02			Fenceline
595230	4172979	5.10E-03	7.53E-04	6.81E-03	0.06	0.08	0.13	0.26	0.09	0.02			Fenceline
595159	4172949	4.25E-03	6.65E-04	3.18E-03	0.05	0.07	0.06	0.18	0.05	0.02			Fenceline
595424	4172061	3.05E-02	2.02E-02	7.83E-03	0.35	2.11	0.15	2.61	0.32	0.24			Fenceline
595638	4172034	1.97E-02	1.20E-02	9.61E-03	0.23	1.26	0.18	1.67	0.24	0.14			Fenceline
595498	4172569	5.13E-01	3.72E-02	2.32E-03	5.93	3.90	0.04	9.87	1.65	1.62			Fenceline
595440	4172696	4.51E-01	3.09E-02	5.29E-03	5.21	3.24	0.10	8.55	1.47	1.41			Fenceline
595532	4172736	1.65E-01	1.27E-02	1.15E-02	1.91	1.33	0.21	3.45	0.65	0.53			Fenceline
595503	4172797	1.03E-01	8.07E-03	6.45E-03	1.19	0.85	0.12	2.15	0.40	0.33			Fenceline
595294	4172707	8.14E-02	6.24E-03	1.75E-02	0.94	0.65	0.33	1.92	0.44	0.26			Fenceline
595217	4172907	6.16E-03	8.69E-04	1.58E-02	0.07	0.09	0.29	0.46	0.19	0.02			Fenceline

Construction CHI Calculations

DPM Chronic Reference Exposure Level (ug/m3): 5

Annual Average DPM Emission Rate (g/s)						Phase 1 Max HI
Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Idling	Phase 1B-Idling	
3.37E-02	1.23E-02	9.76E-05	2.68E-05	4.21E-05	1.16E-05	1.02E-01

Annual Avg DPM Emission Rate (g/s)			Phase 2 Max HI
Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	
2.39E-03	1.35E-05	3.04E-06	2.57E-01

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI	Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Idling	Phase 1B-Idling			GLC Concentration (ug/m^3)				
595574.00	4171743.00	1.40E-03	1.19E-03	2.05E-05	4.59E-06	2.76E-06	2.10E-06	2.62E-03	5.25E-04	1.92E-04	2.31E-06	3.18E-07	1.95E-04	1.90E-03
595594.00	4171743.00	1.37E-03	1.16E-03	2.03E-05	4.55E-06	2.71E-06	2.05E-06	2.56E-03	5.12E-04	1.88E-04	2.29E-06	3.11E-07	1.91E-04	1.86E-03
595614.00	4171743.00	1.35E-03	1.13E-03	2.02E-05	4.55E-06	2.68E-06	2.01E-06	2.51E-03	5.02E-04	1.87E-04	2.29E-06	3.06E-07	1.90E-04	1.85E-03
595634.00	4171743.00	1.33E-03	1.09E-03	2.00E-05	4.49E-06	2.61E-06	1.92E-06	2.45E-03	4.89E-04	1.86E-04	2.26E-06	2.95E-07	1.88E-04	1.84E-03
595654.00	4171743.00	1.31E-03	1.10E-03	2.03E-05	4.55E-06	2.64E-06	1.93E-06	2.44E-03	4.87E-04	1.91E-04	2.29E-06	2.98E-07	1.93E-04	1.89E-03
595674.00	4171743.00	1.30E-03	1.09E-03	2.03E-05	4.57E-06	2.63E-06	1.91E-06	2.42E-03	4.84E-04	1.96E-04	2.30E-06	2.96E-07	1.98E-04	1.94E-03
595694.00	4171743.00	1.29E-03	1.08E-03	2.04E-05	4.59E-06	2.62E-06	1.89E-06	2.40E-03	4.81E-04	2.03E-04	2.31E-06	2.93E-07	2.06E-04	2.01E-03
595534.00	4171763.00	1.53E-03	1.37E-03	2.36E-05	5.28E-06	2.99E-06	2.38E-06	2.94E-03	5.88E-04	2.24E-04	2.66E-06	3.56E-07	2.27E-04	2.21E-03
595554.00	4171763.00	1.49E-03	1.31E-03	2.26E-05	5.05E-06	2.89E-06	2.28E-06	2.84E-03	5.68E-04	2.14E-04	2.54E-06	3.41E-07	2.17E-04	2.12E-03
595574.00	4171763.00	1.47E-03	1.30E-03	2.32E-05	5.20E-06	2.91E-06	2.31E-06	2.80E-03	5.61E-04	2.13E-04	2.62E-06	3.46E-07	2.16E-04	2.11E-03
595594.00	4171763.00	1.44E-03	1.26E-03	2.30E-05	5.17E-06	2.86E-06	2.25E-06	2.74E-03	5.48E-04	2.10E-04	2.60E-06	3.39E-07	2.13E-04	2.08E-03
595614.00	4171763.00	1.42E-03	1.22E-03	2.29E-05	5.15E-06	2.81E-06	2.19E-06	2.68E-03	5.35E-04	2.10E-04	2.59E-06	3.31E-07	2.13E-04	2.08E-03
595634.00	4171763.00	1.40E-03	1.20E-03	2.30E-05	5.17E-06	2.80E-06	2.16E-06	2.64E-03	5.28E-04	2.12E-04	2.60E-06	3.29E-07	2.15E-04	2.10E-03
595654.00	4171763.00	1.38E-03	1.20E-03	2.31E-05	5.20E-06	2.79E-06	2.14E-06	2.62E-03	5.24E-04	2.16E-04	2.62E-06	3.27E-07	2.19E-04	2.14E-03
595674.00	4171763.00	1.37E-03	1.21E-03	2.32E-05	5.23E-06	2.80E-06	2.12E-06	2.61E-03	5.22E-04	2.24E-04	2.63E-06	3.26E-07	2.27E-04	2.22E-03
595694.00	4171763.00	1.36E-03	1.18E-03	2.28E-05	5.14E-06	2.75E-06	2.05E-06	2.57E-03	5.14E-04	2.28E-04	2.59E-06	3.16E-07	2.31E-04	2.25E-03
595714.00	4171763.00	1.36E-03	1.21E-03	2.30E-05	5.19E-06	2.78E-06	2.06E-06	2.60E-03	5.19E-04	2.40E-04	2.61E-06	3.19E-07	2.43E-04	2.37E-03
595734.00	4171763.00	1.38E-03	1.29E-03	2.39E-05	5.39E-06	2.88E-06	2.18E-06	2.70E-03	5.40E-04	2.63E-04	2.71E-06	3.37E-07	2.66E-04	2.59E-03
595754.00	4171763.00	1.40E-03	1.33E-03	2.40E-05	5.44E-06	2.90E-06	2.20E-06	2.76E-03	5.52E-04	2.77E-04	2.74E-06	3.40E-07	2.80E-04	2.73E-03
595534.00	4171783.00	1.60E-03	1.49E-03	2.63E-05	5.89E-06	3.11E-06	2.58E-06	3.13E-03	6.26E-04	2.46E-04	2.96E-06	3.83E-07	2.50E-04	2.44E-03
595554.00	4171783.00	1.57E-03	1.44E-03	2.60E-05	5.81E-06	3.05E-06	2.52E-06	3.05E-03	6.09E-04	2.39E-04	2.92E-06	3.75E-07	2.42E-04	2.37E-03
595574.00	4171783.00	1.54E-03	1.39E-03	2.59E-05	5.81E-06	3.00E-06	2.47E-06	2.97E-03	5.95E-04	2.35E-04	2.92E-06	3.68E-07	2.38E-04	2.32E-03
595594.00	4171783.00	1.51E-03	1.35E-03	2.55E-05	5.73E-06	2.94E-06	2.40E-06	2.89E-03	5.79E-04	2.31E-04	2.88E-06	3.58E-07	2.34E-04	2.28E-03
595614.00	4171783.00	1.48E-03	1.32E-03	2.55E-05	5.73E-06	2.91E-06	2.34E-06	2.83E-03	5.67E-04	2.31E-04	2.88E-06	3.52E-07	2.34E-04	2.28E-03
595634.00	4171783.00	1.48E-03	1.32E-03	2.65E-05	5.95E-06	2.96E-06	2.39E-06	2.83E-03	5.67E-04	2.42E-04	2.99E-06	3.60E-07	2.45E-04	2.39E-03
595654.00	4171783.00	1.46E-03	1.33E-03	2.67E-05	6.01E-06	2.97E-06	2.38E-06	2.83E-03	5.66E-04	2.49E-04	3.02E-06	3.61E-07	2.53E-04	2.47E-03
595674.00	4171783.00	1.45E-03	1.35E-03	2.68E-05	6.05E-06	2.98E-06	2.38E-06	2.84E-03	5.67E-04	2.60E-04	3.05E-06	3.62E-07	2.64E-04	2.58E-03
595694.00	4171783.00	1.43E-03	1.31E-03	2.61E-05	5.89E-06	2.93E-06	2.27E-06	2.78E-03	5.56E-04	2.63E-04	2.97E-06	3.48E-07	2.66E-04	2.60E-03
595714.00	4171783.00	1.46E-03	1.39E-03	2.72E-05	6.15E-06	3.03E-06	2.40E-06	2.89E-03	5.77E-04	2.91E-04	3.10E-06	3.66E-07	2.94E-04	2.87E-03
595734.00	4171783.00	1.47E-03	1.45E-03	2.75E-05	6.23E-06	3.08E-06	2.45E-06	2.96E-03	5.92E-04	3.09E-04	3.13E-06	3.74E-07	3.13E-04	3.05E-03
595754.00	4171783.00	1.49E-03	1.51E-03	2.77E-05	6.27E-06	3.11E-06	2.48E-06	3.04E-03	6.07E-04	3.24E-04	3.16E-06	3.79E-07	3.27E-04	3.20E-03
595774.00	4171783.00	1.52E-03	1.60E-03	2.80E-05	6.36E-06	3.17E-06	2.56E-06	3.16E-03	6.32E-04	3.43E-04	3.20E-06	3.90E-07	3.47E-04	3.39E-03
595534.00	4171803.00	1.69E-03	1.63E-03	3.03E-05	6.79E-06	3.27E-06	2.86E-06	3.36E-03	6.73E-04	2.76E-04	3.42E-06	4.20E-07	2.80E-04	2.73E-03
595554.00	4171803.00	1.65E-03	1.58E-03	2.99E-05	6.69E-06	3.21E-06	2.79E-06	3.27E-03	6.54E-04	2.68E-04	3.37E-06	4.10E-07	2.72E-04	2.66E-03
595574.00	4171803.00	1.63E-03	1.56E-03	3.09E-05	6.94E-06	3.24E-06	2.84E-06	3.24E-03	6.47E-04	2.70E-04	3.49E-06	4.19E-07	2.74E-04	2.67E-03
595594.00	4171803.00	1.60E-03	1.52E-03	3.08E-05	6.92E-06	3.20E-06	2.78E-06	3.17E-03	6.34E-04	2.69E-04	3.48E-06	4.12E-07	2.73E-04	2.67E-03
595614.00	4171803.00	1.58E-03	1.49E-03	3.08E-05	6.94E-06	3.17E-06	2.73E-06	3.12E-03	6.23E-04	2.73E-04	3.49E-06	4.06E-07	2.77E-04	2.70E-03
595634.00	4171803.00	1.56E-03	1.46E-03	3.09E-05	6.95E-06	3.15E-06	2.67E-06	3.07E-03	6.13E-04	2.80E-04	3.50E-06	3.99E-07	2.84E-04	2.77E-03

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
595654.00	4171803.00	1.54E-03	1.44E-03	3.05E-05	6.87E-06	3.10E-06	2.58E-06	3.02E-03	6.04E-04
595674.00	4171803.00	1.53E-03	1.45E-03	3.05E-05	6.87E-06	3.11E-06	2.56E-06	3.02E-03	6.03E-04
595694.00	4171803.00	1.53E-03	1.48E-03	3.06E-05	6.90E-06	3.14E-06	2.57E-06	3.05E-03	6.09E-04
595714.00	4171803.00	1.56E-03	1.62E-03	3.19E-05	7.23E-06	3.28E-06	2.77E-06	3.23E-03	6.45E-04
595734.00	4171803.00	1.58E-03	1.65E-03	3.21E-05	7.28E-06	3.30E-06	2.78E-06	3.28E-03	6.56E-04
595754.00	4171803.00	1.59E-03	1.72E-03	3.20E-05	7.26E-06	3.34E-06	2.81E-06	3.36E-03	6.72E-04
595514.00	4171823.00	1.83E-03	1.89E-03	3.74E-05	8.40E-06	3.58E-06	3.35E-06	3.77E-03	7.54E-04
595534.00	4171823.00	1.78E-03	1.80E-03	3.57E-05	7.99E-06	3.46E-06	3.20E-06	3.63E-03	7.26E-04
595554.00	4171823.00	1.74E-03	1.74E-03	3.55E-05	7.96E-06	3.40E-06	3.13E-06	3.54E-03	7.07E-04
595574.00	4171823.00	1.72E-03	1.72E-03	3.63E-05	8.17E-06	3.43E-06	3.18E-06	3.49E-03	6.98E-04
595594.00	4171823.00	1.69E-03	1.68E-03	3.63E-05	8.17E-06	3.40E-06	3.11E-06	3.43E-03	6.85E-04
595614.00	4171823.00	1.67E-03	1.66E-03	3.64E-05	8.21E-06	3.38E-06	3.07E-06	3.38E-03	6.77E-04
595634.00	4171823.00	1.65E-03	1.66E-03	3.66E-05	8.26E-06	3.38E-06	3.04E-06	3.36E-03	6.73E-04
595654.00	4171823.00	1.65E-03	1.67E-03	3.69E-05	8.33E-06	3.40E-06	3.03E-06	3.37E-03	6.74E-04
595674.00	4171823.00	1.65E-03	1.67E-03	3.71E-05	8.37E-06	3.40E-06	3.01E-06	3.37E-03	6.74E-04
595694.00	4171823.00	1.63E-03	1.69E-03	3.63E-05	8.20E-06	3.39E-06	2.95E-06	3.37E-03	6.74E-04
595714.00	4171823.00	1.67E-03	1.87E-03	3.78E-05	8.56E-06	3.55E-06	3.18E-06	3.60E-03	7.19E-04
595734.00	4171823.00	1.70E-03	1.91E-03	3.79E-05	8.60E-06	3.57E-06	3.21E-06	3.67E-03	7.33E-04
595754.00	4171823.00	1.73E-03	2.02E-03	3.80E-05	8.65E-06	3.64E-06	3.29E-06	3.80E-03	7.61E-04
595514.00	4171843.00	1.93E-03	2.09E-03	4.43E-05	9.96E-06	3.77E-06	3.73E-06	4.08E-03	8.16E-04
595534.00	4171843.00	1.88E-03	2.00E-03	4.27E-05	9.59E-06	3.66E-06	3.60E-06	3.94E-03	7.87E-04
595554.00	4171843.00	1.84E-03	1.93E-03	4.22E-05	9.47E-06	3.59E-06	3.50E-06	3.83E-03	7.65E-04
595574.00	4171843.00	1.82E-03	1.92E-03	4.38E-05	9.88E-06	3.65E-06	3.60E-06	3.80E-03	7.61E-04
595594.00	4171843.00	1.79E-03	1.88E-03	4.36E-05	9.83E-06	3.62E-06	3.52E-06	3.73E-03	7.46E-04
595614.00	4171843.00	1.77E-03	1.86E-03	4.39E-05	9.89E-06	3.62E-06	3.48E-06	3.70E-03	7.40E-04
595634.00	4171843.00	1.76E-03	1.87E-03	4.41E-05	9.95E-06	3.63E-06	3.46E-06	3.69E-03	7.38E-04
595654.00	4171843.00	1.76E-03	1.90E-03	4.44E-05	1.00E-05	3.66E-06	3.47E-06	3.72E-03	7.44E-04
595674.00	4171843.00	1.74E-03	1.87E-03	4.36E-05	9.87E-06	3.62E-06	3.36E-06	3.68E-03	7.36E-04
595694.00	4171843.00	1.76E-03	1.96E-03	4.41E-05	1.00E-05	3.69E-06	3.45E-06	3.78E-03	7.57E-04
595714.00	4171843.00	1.81E-03	2.13E-03	4.52E-05	1.03E-05	3.84E-06	3.69E-06	4.00E-03	8.01E-04
595734.00	4171843.00	1.84E-03	2.23E-03	4.52E-05	1.03E-05	3.88E-06	3.73E-06	4.13E-03	8.26E-04
595754.00	4171843.00	1.88E-03	2.38E-03	4.55E-05	1.03E-05	3.96E-06	3.86E-06	4.33E-03	8.66E-04
595514.00	4171863.00	2.04E-03	2.32E-03	5.34E-05	1.20E-05	3.97E-06	4.20E-06	4.44E-03	8.87E-04
595534.00	4171863.00	1.99E-03	2.23E-03	5.24E-05	1.18E-05	3.88E-06	4.08E-06	4.29E-03	8.59E-04
595554.00	4171863.00	1.95E-03	2.15E-03	5.18E-05	1.17E-05	3.82E-06	3.97E-06	4.17E-03	8.34E-04
595574.00	4171863.00	1.91E-03	2.08E-03	5.13E-05	1.15E-05	3.77E-06	3.87E-06	4.07E-03	8.13E-04
595594.00	4171863.00	1.88E-03	2.03E-03	5.11E-05	1.15E-05	3.74E-06	3.79E-06	3.99E-03	7.97E-04
595614.00	4171863.00	1.86E-03	2.01E-03	5.10E-05	1.15E-05	3.74E-06	3.73E-06	3.94E-03	7.88E-04
595634.00	4171863.00	1.87E-03	2.05E-03	5.29E-05	1.20E-05	3.81E-06	3.81E-06	3.98E-03	7.97E-04
595654.00	4171863.00	1.88E-03	2.19E-03	5.44E-05	1.23E-05	3.96E-06	4.02E-06	4.14E-03	8.29E-04
595674.00	4171863.00	1.86E-03	2.15E-03	5.26E-05	1.19E-05	3.90E-06	3.86E-06	4.08E-03	8.16E-04
595694.00	4171863.00	1.92E-03	2.33E-03	5.47E-05	1.24E-05	4.06E-06	4.15E-06	4.33E-03	8.65E-04
595714.00	4171863.00	1.96E-03	2.47E-03	5.47E-05	1.24E-05	4.14E-06	4.26E-06	4.50E-03	9.00E-04
595734.00	4171863.00	1.99E-03	2.63E-03	5.45E-05	1.24E-05	4.22E-06	4.38E-06	4.70E-03	9.39E-04
595754.00	4171863.00	2.06E-03	2.83E-03	5.47E-05	1.25E-05	4.33E-06	4.56E-06	4.96E-03	9.92E-04
595774.00	4171863.00	2.13E-03	3.04E-03	5.49E-05	1.25E-05	4.44E-06	4.73E-06	5.25E-03	1.05E-03
595794.00	4171863.00	2.21E-03	3.26E-03	5.50E-05	1.26E-05	4.56E-06	4.90E-06	5.55E-03	1.11E-03

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
2.84E-04	3.46E-06	3.88E-07	2.88E-04	2.81E-03
2.95E-04	3.46E-06	3.87E-07	2.99E-04	2.92E-03
3.11E-04	3.47E-06	3.90E-07	3.15E-04	3.08E-03
3.47E-04	3.64E-06	4.18E-07	3.51E-04	3.43E-03
3.67E-04	3.66E-06	4.20E-07	3.71E-04	3.63E-03
3.82E-04	3.65E-06	4.25E-07	3.86E-04	3.77E-03
3.30E-04	4.23E-06	4.85E-07	3.35E-04	3.27E-03
3.13E-04	4.02E-06	4.64E-07	3.18E-04	3.10E-03
3.06E-04	4.00E-06	4.56E-07	3.11E-04	3.03E-03
3.08E-04	4.11E-06	4.64E-07	3.12E-04	3.05E-03
3.10E-04	4.11E-06	4.57E-07	3.14E-04	3.07E-03
3.18E-04	4.13E-06	4.52E-07	3.22E-04	3.15E-03
3.29E-04	4.16E-06	4.50E-07	3.34E-04	3.26E-03
3.46E-04	4.19E-06	4.51E-07	3.51E-04	3.43E-03
3.67E-04	4.21E-06	4.49E-07	3.71E-04	3.63E-03
3.75E-04	4.13E-06	4.42E-07	3.80E-04	3.71E-03
4.18E-04	4.31E-06	4.76E-07	4.23E-04	4.13E-03
4.43E-04	4.33E-06	4.79E-07	4.48E-04	4.37E-03
4.65E-04	4.35E-06	4.91E-07	4.70E-04	4.59E-03
3.78E-04	5.01E-06	5.35E-07	3.84E-04	3.75E-03
3.60E-04	4.83E-06	5.17E-07	3.66E-04	3.57E-03
3.52E-04	4.77E-06	5.06E-07	3.57E-04	3.49E-03
3.61E-04	4.97E-06	5.21E-07	3.67E-04	3.58E-03
3.64E-04	4.95E-06	5.12E-07	3.69E-04	3.61E-03
3.77E-04	4.98E-06	5.09E-07	3.83E-04	3.74E-03
3.95E-04	5.01E-06	5.08E-07	4.00E-04	3.91E-03
4.18E-04	5.05E-06	5.12E-07	4.24E-04	4.14E-03
4.31E-04	4.97E-06	4.97E-07	4.37E-04	4.27E-03
4.65E-04	5.04E-06	5.11E-07	4.70E-04	4.59E-03
5.11E-04	5.16E-06	5.44E-07	5.17E-04	5.05E-03
5.38E-04	5.17E-06	5.50E-07	5.44E-04	5.31E-03
5.68E-04	5.21E-06	5.68E-07	5.73E-04	5.60E-03
4.39E-04	6.05E-06	5.97E-07	4.46E-04	4.35E-03
4.21E-04	5.93E-06	5.81E-07	4.28E-04	4.18E-03
4.12E-04	5.86E-06	5.68E-07	4.19E-04	4.09E-03
4.11E-04	5.81E-06	5.57E-07	4.17E-04	4.08E-03
4.18E-04	5.79E-06	5.48E-07	4.24E-04	4.14E-03
4.32E-04	5.79E-06	5.43E-07	4.39E-04	4.28E-03
4.68E-04	6.02E-06	5.56E-07	4.75E-04	4.64E-03
5.16E-04	6.19E-06	5.87E-07	5.23E-04	5.10E-03
5.27E-04	6.00E-06	5.66E-07	5.33E-04	5.21E-03
5.92E-04	6.24E-06	6.06E-07	5.99E-04	5.85E-03
6.30E-04	6.26E-06	6.22E-07	6.37E-04	6.22E-03
6.61E-04	6.24E-06	6.39E-07	6.68E-04	6.52E-03
6.95E-04	6.28E-06	6.63E-07	7.02E-04	6.86E-03
7.23E-04	6.30E-06	6.85E-07	7.30E-04	7.13E-03
7.46E-04	6.32E-06	7.08E-07	7.53E-04	7.35E-03

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
595814.00	4171863.00	2.30E-03	3.46E-03	5.47E-05	1.25E-05	4.66E-06	5.02E-06	5.83E-03	1.17E-03
595514.00	4171883.00	2.17E-03	2.62E-03	6.72E-05	1.52E-05	4.24E-06	4.83E-06	4.88E-03	9.76E-04
595534.00	4171883.00	2.12E-03	2.52E-03	6.68E-05	1.51E-05	4.16E-06	4.71E-06	4.73E-03	9.46E-04
595554.00	4171883.00	2.07E-03	2.42E-03	6.57E-05	1.48E-05	4.08E-06	4.56E-06	4.58E-03	9.17E-04
595574.00	4171883.00	2.03E-03	2.34E-03	6.46E-05	1.45E-05	4.03E-06	4.42E-06	4.46E-03	8.93E-04
595594.00	4171883.00	2.00E-03	2.30E-03	6.42E-05	1.45E-05	4.01E-06	4.34E-06	4.39E-03	8.78E-04
595614.00	4171883.00	1.98E-03	2.28E-03	6.40E-05	1.45E-05	4.03E-06	4.30E-06	4.35E-03	8.71E-04
595634.00	4171883.00	1.98E-03	2.31E-03	6.42E-05	1.45E-05	4.07E-06	4.31E-06	4.38E-03	8.75E-04
595654.00	4171883.00	2.00E-03	2.42E-03	6.62E-05	1.50E-05	4.18E-06	4.48E-06	4.51E-03	9.02E-04
595674.00	4171883.00	2.01E-03	2.51E-03	6.54E-05	1.48E-05	4.24E-06	4.54E-06	4.61E-03	9.21E-04
595694.00	4171883.00	2.08E-03	2.75E-03	6.77E-05	1.54E-05	4.42E-06	4.90E-06	4.92E-03	9.84E-04
595714.00	4171883.00	2.13E-03	2.96E-03	6.76E-05	1.54E-05	4.54E-06	5.11E-06	5.18E-03	1.04E-03
595734.00	4171883.00	2.19E-03	3.16E-03	6.71E-05	1.53E-05	4.63E-06	5.25E-06	5.44E-03	1.09E-03
595754.00	4171883.00	2.25E-03	3.39E-03	6.67E-05	1.52E-05	4.74E-06	5.43E-06	5.73E-03	1.15E-03
595774.00	4171883.00	2.34E-03	3.64E-03	6.64E-05	1.52E-05	4.86E-06	5.62E-06	6.08E-03	1.22E-03
595794.00	4171883.00	2.42E-03	3.87E-03	6.56E-05	1.50E-05	4.96E-06	5.75E-06	6.38E-03	1.28E-03
595814.00	4171883.00	2.54E-03	4.13E-03	6.50E-05	1.49E-05	5.11E-06	5.92E-06	6.76E-03	1.35E-03
595514.00	4171903.00	2.30E-03	2.96E-03	8.52E-05	1.93E-05	4.50E-06	5.55E-06	5.38E-03	1.08E-03
595534.00	4171903.00	2.25E-03	2.84E-03	8.49E-05	1.92E-05	4.41E-06	5.38E-06	5.20E-03	1.04E-03
595554.00	4171903.00	2.21E-03	2.74E-03	8.51E-05	1.92E-05	4.36E-06	5.26E-06	5.06E-03	1.01E-03
595574.00	4171903.00	2.17E-03	2.68E-03	8.55E-05	1.93E-05	4.35E-06	5.18E-06	4.97E-03	9.94E-04
595594.00	4171903.00	2.15E-03	2.64E-03	8.48E-05	1.92E-05	4.35E-06	5.10E-06	4.90E-03	9.81E-04
595614.00	4171903.00	2.13E-03	2.65E-03	8.41E-05	1.90E-05	4.38E-06	5.08E-06	4.90E-03	9.79E-04
595634.00	4171903.00	2.13E-03	2.69E-03	8.27E-05	1.87E-05	4.42E-06	5.08E-06	4.92E-03	9.85E-04
595654.00	4171903.00	2.15E-03	2.82E-03	8.35E-05	1.90E-05	4.53E-06	5.25E-06	5.08E-03	1.02E-03
595674.00	4171903.00	2.18E-03	2.99E-03	8.35E-05	1.90E-05	4.64E-06	5.45E-06	5.28E-03	1.06E-03
595694.00	4171903.00	2.24E-03	3.23E-03	8.38E-05	1.91E-05	4.78E-06	5.73E-06	5.58E-03	1.12E-03
595714.00	4171903.00	2.33E-03	3.71E-03	8.49E-05	1.93E-05	5.04E-06	6.22E-06	6.15E-03	1.23E-03
595734.00	4171903.00	2.40E-03	3.83E-03	8.37E-05	1.91E-05	5.09E-06	6.33E-06	6.35E-03	1.27E-03
595754.00	4171903.00	2.49E-03	4.16E-03	8.29E-05	1.89E-05	5.25E-06	6.60E-06	6.77E-03	1.35E-03
595774.00	4171903.00	2.59E-03	4.47E-03	8.16E-05	1.86E-05	5.40E-06	6.78E-06	7.17E-03	1.43E-03
595794.00	4171903.00	2.70E-03	4.74E-03	7.98E-05	1.82E-05	5.52E-06	6.91E-06	7.55E-03	1.51E-03
595814.00	4171903.00	2.81E-03	4.96E-03	7.75E-05	1.77E-05	5.62E-06	6.98E-06	7.88E-03	1.58E-03
595534.00	4171923.00	2.40E-03	3.25E-03	1.14E-04	2.58E-05	4.74E-06	6.31E-06	5.80E-03	1.16E-03
595554.00	4171923.00	2.36E-03	3.14E-03	1.15E-04	2.60E-05	4.69E-06	6.16E-06	5.65E-03	1.13E-03
595574.00	4171923.00	2.32E-03	3.08E-03	1.15E-04	2.61E-05	4.68E-06	6.06E-06	5.55E-03	1.11E-03
595594.00	4171923.00	2.30E-03	3.06E-03	1.14E-04	2.60E-05	4.71E-06	6.02E-06	5.51E-03	1.10E-03
595614.00	4171923.00	2.30E-03	3.10E-03	1.14E-04	2.58E-05	4.78E-06	6.06E-06	5.55E-03	1.11E-03
595634.00	4171923.00	2.31E-03	3.20E-03	1.12E-04	2.54E-05	4.87E-06	6.17E-06	5.66E-03	1.13E-03
595654.00	4171923.00	2.33E-03	3.37E-03	1.10E-04	2.51E-05	4.97E-06	6.34E-06	5.85E-03	1.17E-03
595674.00	4171923.00	2.38E-03	3.62E-03	1.10E-04	2.49E-05	5.11E-06	6.63E-06	6.14E-03	1.23E-03
595694.00	4171923.00	2.44E-03	3.91E-03	1.08E-04	2.46E-05	5.25E-06	6.93E-06	6.49E-03	1.30E-03
595754.00	4171923.00	2.76E-03	5.18E-03	1.04E-04	2.37E-05	5.84E-06	8.01E-06	8.08E-03	1.62E-03
595774.00	4171923.00	2.88E-03	5.47E-03	1.01E-04	2.30E-05	5.97E-06	8.14E-06	8.48E-03	1.70E-03
595794.00	4171923.00	3.00E-03	5.73E-03	9.67E-05	2.21E-05	6.09E-06	8.21E-06	8.87E-03	1.77E-03
595814.00	4171923.00	3.13E-03	5.97E-03	9.23E-05	2.11E-05	6.21E-06	8.24E-06	9.23E-03	1.85E-03
595534.00	4171943.00	2.58E-03	3.78E-03	1.58E-04	3.60E-05	5.12E-06	7.55E-06	6.56E-03	1.31E-03

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
7.58E-04	6.29E-06	7.24E-07	7.65E-04	7.47E-03
5.26E-04	7.63E-06	6.80E-07	5.34E-04	5.22E-03
5.07E-04	7.58E-06	6.65E-07	5.15E-04	5.03E-03
4.96E-04	7.45E-06	6.47E-07	5.04E-04	4.92E-03
4.96E-04	7.32E-06	6.31E-07	5.04E-04	4.92E-03
5.10E-04	7.29E-06	6.23E-07	5.18E-04	5.06E-03
5.33E-04	7.27E-06	6.20E-07	5.41E-04	5.28E-03
5.67E-04	7.31E-06	6.24E-07	5.75E-04	5.62E-03
6.25E-04	7.55E-06	6.49E-07	6.33E-04	6.18E-03
6.63E-04	7.46E-06	6.58E-07	6.71E-04	6.56E-03
7.45E-04	7.74E-06	7.07E-07	7.53E-04	7.36E-03
7.92E-04	7.73E-06	7.36E-07	8.00E-04	7.81E-03
8.27E-04	7.70E-06	7.56E-07	8.36E-04	8.16E-03
8.56E-04	7.66E-06	7.79E-07	8.64E-04	8.44E-03
8.80E-04	7.63E-06	8.04E-07	8.88E-04	8.67E-03
8.90E-04	7.55E-06	8.21E-07	8.98E-04	8.77E-03
8.99E-04	7.48E-06	8.43E-07	9.07E-04	8.86E-03
6.40E-04	9.71E-06	7.75E-07	6.51E-04	6.36E-03
6.15E-04	9.66E-06	7.54E-07	6.25E-04	6.11E-03
6.09E-04	9.67E-06	7.40E-07	6.20E-04	6.05E-03
6.24E-04	9.73E-06	7.33E-07	6.34E-04	6.19E-03
6.48E-04	9.65E-06	7.26E-07	6.58E-04	6.43E-03
6.85E-04	9.58E-06	7.26E-07	6.96E-04	6.79E-03
7.26E-04	9.43E-06	7.28E-07	7.36E-04	7.19E-03
7.92E-04	9.54E-06	7.53E-07	8.02E-04	7.83E-03
8.56E-04	9.55E-06	7.81E-07	8.66E-04	8.46E-03
9.26E-04	9.60E-06	8.19E-07	9.36E-04	9.14E-03
1.00E-03	9.72E-06	8.87E-07	1.01E-03	9.91E-03
1.04E-03	9.61E-06	8.99E-07	1.05E-03	1.02E-02
1.06E-03	9.52E-06	9.35E-07	1.07E-03	1.05E-02
1.08E-03	9.37E-06	9.60E-07	1.09E-03	1.06E-02
1.07E-03	9.17E-06	9.75E-07	1.08E-03	1.06E-02
1.06E-03	8.92E-06	9.84E-07	1.07E-03	1.05E-02
7.82E-04	1.30E-05	8.79E-07	7.96E-04	7.77E-03
7.78E-04	1.31E-05	8.61E-07	7.91E-04	7.73E-03
7.99E-04	1.31E-05	8.51E-07	8.13E-04	7.93E-03
8.41E-04	1.31E-05	8.49E-07	8.55E-04	8.35E-03
9.00E-04	1.30E-05	8.58E-07	9.14E-04	8.93E-03
9.69E-04	1.28E-05	8.75E-07	9.83E-04	9.60E-03
1.04E-03	1.26E-05	9.01E-07	1.06E-03	1.03E-02
1.13E-03	1.25E-05	9.41E-07	1.14E-03	1.11E-02
1.19E-03	1.24E-05	9.81E-07	1.21E-03	1.18E-02
1.32E-03	1.19E-05	1.12E-06	1.33E-03	1.30E-02
1.30E-03	1.16E-05	1.14E-06	1.32E-03	1.29E-02
1.28E-03	1.11E-05	1.15E-06	1.29E-03	1.26E-02
1.25E-03	1.06E-05	1.15E-06	1.26E-03	1.23E-02
1.05E-03	1.81E-05	1.04E-06	1.06E-03	1.04E-02

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
595554.00	4171943.00	2.53E-03	3.65E-03	1.61E-04	3.65E-05	5.07E-06	7.34E-06	6.39E-03	1.28E-03
595574.00	4171943.00	2.50E-03	3.59E-03	1.63E-04	3.70E-05	5.09E-06	7.25E-06	6.30E-03	1.26E-03
595594.00	4171943.00	2.48E-03	3.59E-03	1.62E-04	3.70E-05	5.14E-06	7.23E-06	6.28E-03	1.26E-03
595614.00	4171943.00	2.49E-03	3.68E-03	1.60E-04	3.65E-05	5.22E-06	7.32E-06	6.37E-03	1.27E-03
595634.00	4171943.00	2.51E-03	3.85E-03	1.57E-04	3.57E-05	5.34E-06	7.53E-06	6.56E-03	1.31E-03
595654.00	4171943.00	2.55E-03	4.10E-03	1.53E-04	3.48E-05	5.48E-06	7.82E-06	6.85E-03	1.37E-03
595674.00	4171943.00	2.61E-03	4.45E-03	1.50E-04	3.41E-05	5.65E-06	8.21E-06	7.26E-03	1.45E-03
595694.00	4171943.00	2.69E-03	4.84E-03	1.46E-04	3.33E-05	5.82E-06	8.61E-06	7.73E-03	1.55E-03
595554.00	4171963.00	2.73E-03	4.31E-03	2.35E-04	5.37E-05	5.54E-06	8.95E-06	7.34E-03	1.47E-03
595574.00	4171963.00	2.70E-03	4.26E-03	2.41E-04	5.52E-05	5.56E-06	8.85E-06	7.27E-03	1.45E-03
595594.00	4171963.00	2.69E-03	4.31E-03	2.46E-04	5.62E-05	5.65E-06	8.91E-06	7.32E-03	1.46E-03
595614.00	4171963.00	2.71E-03	4.46E-03	2.45E-04	5.59E-05	5.76E-06	9.09E-06	7.48E-03	1.50E-03
595634.00	4171963.00	2.75E-03	4.73E-03	2.40E-04	5.47E-05	5.92E-06	9.43E-06	7.79E-03	1.56E-03
595654.00	4171963.00	2.80E-03	5.09E-03	2.29E-04	5.22E-05	6.08E-06	9.82E-06	8.19E-03	1.64E-03
595674.00	4171963.00	2.88E-03	5.55E-03	2.19E-04	5.00E-05	6.26E-06	1.03E-05	8.72E-03	1.74E-03
595574.00	4171983.00	2.93E-03	5.16E-03	3.81E-04	8.75E-05	6.14E-06	1.11E-05	8.58E-03	1.72E-03
595074.00	4172423.00	4.62E-02	1.04E-03	1.12E-04	2.57E-05	1.02E-04	1.50E-06	4.74E-02	9.49E-03
595094.00	4172423.00	5.04E-02	1.10E-03	1.27E-04	2.92E-05	1.15E-04	1.61E-06	5.18E-02	1.04E-02
595074.00	4172443.00	4.62E-02	9.46E-04	1.15E-04	2.65E-05	1.02E-04	1.42E-06	4.74E-02	9.47E-03
595094.00	4172443.00	5.07E-02	9.98E-04	1.32E-04	3.03E-05	1.16E-04	1.52E-06	5.20E-02	1.04E-02
595114.00	4172443.00	5.58E-02	1.06E-03	1.53E-04	3.51E-05	1.34E-04	1.63E-06	5.72E-02	1.14E-02
595134.00	4172443.00	6.16E-02	1.13E-03	1.81E-04	4.17E-05	1.55E-04	1.76E-06	6.31E-02	1.26E-02
595054.00	4172463.00	4.14E-02	8.30E-04	1.05E-04	2.42E-05	8.64E-05	1.26E-06	4.25E-02	8.49E-03
595074.00	4172463.00	4.57E-02	8.74E-04	1.19E-04	2.75E-05	9.97E-05	1.35E-06	4.68E-02	9.36E-03
595094.00	4172463.00	5.05E-02	9.24E-04	1.37E-04	3.15E-05	1.16E-04	1.44E-06	5.17E-02	1.03E-02
595114.00	4172463.00	5.59E-02	9.81E-04	1.60E-04	3.68E-05	1.35E-04	1.55E-06	5.72E-02	1.14E-02
595054.00	4172483.00	3.98E-02	7.31E-04	1.06E-04	2.44E-05	7.98E-05	1.13E-06	4.07E-02	8.14E-03
595074.00	4172483.00	4.45E-02	8.17E-04	1.23E-04	2.84E-05	9.56E-05	1.29E-06	4.56E-02	9.12E-03
595094.00	4172483.00	4.96E-02	8.67E-04	1.42E-04	3.28E-05	1.12E-04	1.38E-06	5.07E-02	1.01E-02
595114.00	4172483.00	5.53E-02	9.23E-04	1.68E-04	3.86E-05	1.33E-04	1.48E-06	5.66E-02	1.13E-02
595034.00	4172503.00	3.44E-02	6.93E-04	9.80E-05	2.26E-05	6.45E-05	1.09E-06	3.53E-02	7.06E-03
595054.00	4172503.00	3.82E-02	7.28E-04	1.10E-04	2.54E-05	7.51E-05	1.15E-06	3.91E-02	7.82E-03
595074.00	4172503.00	4.27E-02	7.71E-04	1.27E-04	2.92E-05	8.88E-05	1.23E-06	4.37E-02	8.74E-03
595094.00	4172503.00	4.79E-02	8.21E-04	1.48E-04	3.41E-05	1.06E-04	1.32E-06	4.90E-02	9.80E-03
595114.00	4172503.00	5.40E-02	8.80E-04	1.77E-04	4.08E-05	1.28E-04	1.42E-06	5.52E-02	1.10E-02
595034.00	4172523.00	3.22E-02	6.58E-04	9.99E-05	2.31E-05	5.72E-05	1.04E-06	3.30E-02	6.60E-03
595054.00	4172523.00	3.60E-02	6.96E-04	1.14E-04	2.63E-05	6.75E-05	1.11E-06	3.69E-02	7.37E-03
595074.00	4172523.00	4.04E-02	7.39E-04	1.32E-04	3.04E-05	8.05E-05	1.19E-06	4.14E-02	8.27E-03
595094.00	4172523.00	4.54E-02	7.87E-04	1.54E-04	3.55E-05	9.66E-05	1.27E-06	4.65E-02	9.30E-03
595034.00	4172543.00	2.95E-02	6.30E-04	1.02E-04	2.35E-05	4.94E-05	1.01E-06	3.03E-02	6.07E-03
595054.00	4172543.00	3.31E-02	6.69E-04	1.17E-04	2.70E-05	5.83E-05	1.07E-06	3.40E-02	6.80E-03
595074.00	4172543.00	3.73E-02	7.12E-04	1.36E-04	3.14E-05	6.97E-05	1.14E-06	3.83E-02	7.66E-03
595094.00	4172543.00	4.24E-02	7.62E-04	1.62E-04	3.73E-05	8.48E-05	1.23E-06	4.34E-02	8.69E-03
595014.00	4172563.00	2.39E-02	5.76E-04	8.98E-05	2.08E-05	3.60E-05	9.19E-07	2.47E-02	4.93E-03
595034.00	4172563.00	2.67E-02	6.09E-04	1.03E-04	2.38E-05	4.17E-05	9.75E-07	2.75E-02	5.49E-03
595054.00	4172563.00	2.99E-02	6.47E-04	1.19E-04	2.76E-05	4.88E-05	1.04E-06	3.08E-02	6.16E-03
595074.00	4172563.00	3.38E-02	6.90E-04	1.40E-04	3.24E-05	5.80E-05	1.10E-06	3.47E-02	6.94E-03

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
1.04E-03	1.84E-05	1.02E-06	1.06E-03	1.03E-02
1.07E-03	1.86E-05	1.01E-06	1.09E-03	1.07E-02
1.13E-03	1.86E-05	1.01E-06	1.15E-03	1.13E-02
1.22E-03	1.84E-05	1.03E-06	1.24E-03	1.21E-02
1.31E-03	1.80E-05	1.06E-06	1.33E-03	1.30E-02
1.41E-03	1.75E-05	1.10E-06	1.43E-03	1.39E-02
1.51E-03	1.72E-05	1.15E-06	1.53E-03	1.49E-02
1.58E-03	1.67E-05	1.21E-06	1.60E-03	1.56E-02
1.48E-03	2.70E-05	1.24E-06	1.51E-03	1.47E-02
1.52E-03	2.78E-05	1.23E-06	1.55E-03	1.51E-02
1.61E-03	2.83E-05	1.24E-06	1.64E-03	1.60E-02
1.71E-03	2.81E-05	1.27E-06	1.74E-03	1.70E-02
1.84E-03	2.75E-05	1.32E-06	1.87E-03	1.83E-02
1.96E-03	2.63E-05	1.37E-06	1.98E-03	1.94E-02
2.05E-03	2.51E-05	1.43E-06	2.08E-03	2.03E-02
2.30E-03	4.40E-05	1.53E-06	2.35E-03	2.29E-02
5.86E-04	1.29E-05	8.26E-07	6.00E-04	5.86E-03
5.87E-04	1.47E-05	8.68E-07	6.03E-04	5.89E-03
6.18E-04	1.34E-05	8.31E-07	6.32E-04	6.18E-03
6.15E-04	1.53E-05	8.66E-07	6.31E-04	6.16E-03
6.10E-04	1.77E-05	9.08E-07	6.29E-04	6.14E-03
6.06E-04	2.10E-05	9.62E-07	6.28E-04	6.13E-03
6.77E-04	1.22E-05	8.37E-07	6.90E-04	6.74E-03
6.75E-04	1.38E-05	8.58E-07	6.89E-04	6.73E-03
6.69E-04	1.58E-05	8.85E-07	6.85E-04	6.69E-03
6.60E-04	1.85E-05	9.20E-07	6.80E-04	6.64E-03
7.38E-04	1.23E-05	8.48E-07	7.52E-04	7.34E-03
7.55E-04	1.43E-05	9.06E-07	7.70E-04	7.52E-03
7.51E-04	1.65E-05	9.28E-07	7.68E-04	7.50E-03
7.42E-04	1.94E-05	9.57E-07	7.62E-04	7.44E-03
8.34E-04	1.14E-05	9.59E-07	8.47E-04	8.27E-03
8.47E-04	1.28E-05	9.62E-07	8.60E-04	8.40E-03
8.57E-04	1.47E-05	9.75E-07	8.73E-04	8.52E-03
8.61E-04	1.71E-05	9.93E-07	8.79E-04	8.59E-03
8.59E-04	2.05E-05	1.02E-06	8.80E-04	8.60E-03
9.31E-04	1.16E-05	1.07E-06	9.44E-04	9.22E-03
9.61E-04	1.33E-05	1.08E-06	9.75E-04	9.52E-03
9.86E-04	1.53E-05	1.09E-06	1.00E-03	9.79E-03
1.00E-03	1.78E-05	1.09E-06	1.02E-03	9.96E-03
1.03E-03	1.18E-05	1.21E-06	1.04E-03	1.02E-02
1.08E-03	1.36E-05	1.22E-06	1.10E-03	1.07E-02
1.13E-03	1.58E-05	1.23E-06	1.14E-03	1.12E-02
1.17E-03	1.88E-05	1.24E-06	1.19E-03	1.16E-02
1.07E-03	1.05E-05	1.36E-06	1.08E-03	1.05E-02
1.13E-03	1.20E-05	1.39E-06	1.14E-03	1.12E-02
1.20E-03	1.39E-05	1.41E-06	1.22E-03	1.19E-02
1.27E-03	1.63E-05	1.43E-06	1.29E-03	1.26E-02

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI	Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling			GLC Concentration (ug/m^3)				
595094.00	4172563.00	3.85E-02	7.39E-04	1.69E-04	3.89E-05	7.05E-05	1.18E-06	3.95E-02	7.90E-03	1.35E-03	1.96E-05	1.44E-06	1.37E-03	1.34E-02
595014.00	4172583.00	2.13E-02	5.58E-04	8.95E-05	2.07E-05	3.02E-05	8.91E-07	2.20E-02	4.39E-03	1.14E-03	1.04E-05	1.55E-06	1.15E-03	1.12E-02
595034.00	4172583.00	2.37E-02	5.91E-04	1.04E-04	2.40E-05	3.45E-05	9.44E-07	2.44E-02	4.89E-03	1.22E-03	1.21E-05	1.60E-06	1.23E-03	1.20E-02
595054.00	4172583.00	2.66E-02	6.29E-04	1.22E-04	2.81E-05	4.00E-05	1.00E-06	2.74E-02	5.48E-03	1.31E-03	1.42E-05	1.65E-06	1.33E-03	1.29E-02
595074.00	4172583.00	3.00E-02	6.72E-04	1.44E-04	3.34E-05	4.70E-05	1.07E-06	3.09E-02	6.18E-03	1.41E-03	1.68E-05	1.69E-06	1.43E-03	1.39E-02
595034.00	4172603.00	2.08E-02	5.78E-04	1.04E-04	2.40E-05	2.86E-05	9.19E-07	2.15E-02	4.30E-03	1.29E-03	1.21E-05	1.85E-06	1.31E-03	1.28E-02
595054.00	4172603.00	2.32E-02	6.15E-04	1.23E-04	2.85E-05	3.27E-05	9.73E-07	2.40E-02	4.80E-03	1.40E-03	1.43E-05	1.93E-06	1.42E-03	1.39E-02
595074.00	4172603.00	2.62E-02	6.58E-04	1.49E-04	3.44E-05	3.79E-05	1.03E-06	2.70E-02	5.41E-03	1.53E-03	1.73E-05	2.01E-06	1.55E-03	1.51E-02
595534.00	4172643.00	2.32E-01	3.46E-03	8.98E-05	2.05E-05	8.23E-05	3.14E-06	2.36E-01	4.71E-02	2.47E-03	1.03E-05	2.45E-06	2.48E-03	2.42E-02
595554.00	4172643.00	1.94E-01	3.72E-03	8.30E-05	1.90E-05	7.42E-05	3.27E-06	1.98E-01	3.95E-02	2.40E-03	9.56E-06	2.36E-06	2.41E-03	2.36E-02
595574.00	4172643.00	1.64E-01	3.97E-03	7.71E-05	1.76E-05	6.70E-05	3.38E-06	1.68E-01	3.36E-02	2.36E-03	8.87E-06	2.28E-06	2.37E-03	2.32E-02
595534.00	4172663.00	2.13E-01	3.12E-03	8.40E-05	1.92E-05	7.37E-05	2.86E-06	2.16E-01	4.32E-02	2.66E-03	9.67E-06	2.58E-06	2.67E-03	2.61E-02
595554.00	4172663.00	1.79E-01	3.35E-03	7.79E-05	1.78E-05	6.70E-05	2.98E-06	1.82E-01	3.65E-02	2.64E-03	8.96E-06	2.48E-06	2.65E-03	2.59E-02
595574.00	4172663.00	1.52E-01	3.56E-03	7.24E-05	1.66E-05	6.10E-05	3.08E-06	1.56E-01	3.11E-02	2.61E-03	8.34E-06	2.40E-06	2.62E-03	2.56E-02
595534.00	4172683.00	1.99E-01	2.83E-03	7.84E-05	1.79E-05	6.62E-05	2.62E-06	2.02E-01	4.04E-02	3.14E-03	9.03E-06	2.79E-06	3.15E-03	3.08E-02
595554.00	4172683.00	1.66E-01	3.03E-03	7.28E-05	1.67E-05	6.05E-05	2.73E-06	1.70E-01	3.39E-02	3.18E-03	8.38E-06	2.70E-06	3.20E-03	3.12E-02
595574.00	4172683.00	1.41E-01	3.22E-03	6.79E-05	1.55E-05	5.55E-05	2.82E-06	1.44E-01	2.89E-02	3.11E-03	7.82E-06	2.61E-06	3.12E-03	3.05E-02
595294.00	4172743.00	3.60E-02	9.33E-04	2.52E-04	5.77E-05	6.28E-05	1.19E-06	3.74E-02	7.47E-03	1.50E-02	2.91E-05	1.39E-05	1.51E-02	1.47E-01
595314.00	4172743.00	4.70E-02	9.91E-04	2.03E-04	4.64E-05	6.86E-05	1.24E-06	4.83E-02	9.67E-03	1.17E-02	2.34E-05	1.07E-05	1.18E-02	1.15E-01
595334.00	4172743.00	6.88E-02	1.06E-03	1.70E-04	3.88E-05	7.24E-05	1.31E-06	7.01E-02	1.40E-02	9.54E-03	1.95E-05	8.82E-06	9.57E-03	9.35E-02
595534.00	4172743.00	1.50E-01	2.16E-03	6.26E-05	1.43E-05	4.83E-05	2.06E-06	1.52E-01	3.04E-02	1.21E-02	7.20E-06	5.40E-06	1.21E-02	1.18E-01
595294.00	4172763.00	2.64E-02	8.88E-04	2.02E-04	4.63E-05	5.08E-05	1.13E-06	2.75E-02	5.51E-03	1.35E-02	2.33E-05	1.35E-05	1.35E-02	1.32E-01
595314.00	4172763.00	3.34E-02	9.42E-04	1.67E-04	3.83E-05	5.54E-05	1.18E-06	3.46E-02	6.92E-03	1.03E-02	1.93E-05	1.05E-05	1.03E-02	1.01E-01
595334.00	4172763.00	4.57E-02	1.01E-03	1.43E-04	3.28E-05	5.89E-05	1.24E-06	4.70E-02	9.39E-03	8.30E-03	1.65E-05	8.71E-06	8.33E-03	8.13E-02
595354.00	4172763.00	6.59E-02	1.08E-03	1.26E-04	2.88E-05	6.12E-05	1.31E-06	6.72E-02	1.34E-02	6.99E-03	1.45E-05	7.61E-06	7.01E-03	6.85E-02
595374.00	4172763.00	8.93E-02	1.16E-03	1.11E-04	2.54E-05	6.12E-05	1.36E-06	9.07E-02	1.81E-02	5.97E-03	1.28E-05	7.14E-06	5.99E-03	5.85E-02
595534.00	4172763.00	1.23E-01	1.99E-03	5.77E-05	1.32E-05	4.35E-05	1.91E-06	1.25E-01	2.51E-02	1.13E-02	6.65E-06	7.74E-06	1.13E-02	1.11E-01
595554.00	4172763.00	1.03E-01	2.11E-03	5.43E-05	1.24E-05	4.09E-05	1.98E-06	1.05E-01	2.11E-02	7.56E-03	6.25E-06	5.86E-06	7.57E-03	7.40E-02
595574.00	4172763.00	8.89E-02	2.23E-03	5.13E-05	1.17E-05	3.84E-05	2.05E-06	9.12E-02	1.82E-02	5.29E-03	5.90E-06	4.56E-06	5.30E-03	5.18E-02
594934.00	4172783.00	3.77E-03	3.82E-04	1.67E-05	3.87E-06	7.07E-06	5.64E-07	4.18E-03	8.35E-04	8.66E-04	1.95E-06	1.60E-06	8.70E-04	8.49E-03
594954.00	4172783.00	3.94E-03	4.00E-04	1.81E-05	4.20E-06	7.47E-06	5.84E-07	4.37E-03	8.74E-04	9.55E-04	2.11E-06	1.81E-06	9.59E-04	9.36E-03
594974.00	4172783.00	4.15E-03	4.21E-04	1.99E-05	4.63E-06	7.99E-06	6.07E-07	4.61E-03	9.21E-04	1.06E-03	2.33E-06	2.06E-06	1.06E-03	1.04E-02
595274.00	4172783.00	1.70E-02	8.00E-04	1.88E-04	4.30E-05	3.73E-05	1.02E-06	1.80E-02	3.60E-03	1.53E-02	2.16E-05	1.71E-05	1.53E-02	1.49E-01
595354.00	4172783.00	4.45E-02	1.02E-03	1.07E-04	2.44E-05	5.06E-05	1.23E-06	4.57E-02	9.15E-03	6.14E-03	1.23E-05	7.18E-06	6.16E-03	6.02E-02
595374.00	4172783.00	5.85E-02	1.09E-03	9.62E-05	2.20E-05	5.13E-05	1.28E-06	5.98E-02	1.20E-02	5.26E-03	1.11E-05	6.54E-06	5.28E-03	5.16E-02
595394.00	4172783.00	7.55E-02	1.17E-03	8.76E-05	2.00E-05	5.13E-05	1.34E-06	7.68E-02	1.54E-02	4.64E-03	1.01E-05	6.46E-06	4.66E-03	4.55E-02
595414.00	4172783.00	9.53E-02	1.25E-03	8.04E-05	1.84E-05	5.06E-05	1.40E-06	9.67E-02	1.93E-02	4.21E-03	9.25E-06	7.38E-06	4.23E-03	4.13E-02
595434.00	4172783.00	1.18E-01	1.34E-03	7.43E-05	1.70E-05	4.93E-05	1.46E-06	1.19E-01	2.39E-02	3.98E-03	8.55E-06	1.12E-05	4.00E-03	3.90E-02
595514.00	4172783.00	1.15E-01	1.74E-03	5.65E-05	1.29E-05	4.15E-05	1.71E-06	1.17E-01	2.34E-02	1.08E-02	6.51E-06	1.73E-05	1.08E-02	1.05E-01
595534.00	4172783.00	9.86E-02	1.84E-03	5.33E-05	1.22E-05	3.93E-05	1.78E-06	1.01E-01	2.01E-02	8.38E-03	6.13E-06	9.76E-06	8.39E-03	8.20E-02
595554.00	4172783.00	8.57E-02	1.95E-03	5.03E-05	1.15E-05	3.72E-05	1.84E-06	8.77E-02	1.75E-02	6.02E-03	5.79E-06	6.49E-06	6.03E-03	5.89E-02
595574.00	4172783.00	7.57E-02	2.06E-03	4.77E-05	1.09E-05	3.51E-05	1.90E-06	7.78E-02	1.56E-02	4.50E-03	5.48E-06	4.73E-06	4.51E-03	4.41E-02
595594.00	4172783.00	6.72E-02	2.16E-03	4.52E-05	1.03E-05	3.31E-05	1.96E-06	6.95E-02	1.39E-02	3.52E-03	5.20E-06	3.72E-06	3.53E-03	3.45E-02
595614.00	4172783.00	6.04E-02	2.26E-03	4.30E-05	9.84E-06	3.12E-05	2.01E-06	6.28E-02	1.26E-02	2.89E-03	4.95E-06	3.07E-06	2.89E-03	2.83E-02
595634.00	4172783.00	5.45E-02	2.35E-03	4.10E-05	9.37E-06	2.94E-05	2.06E-06	5.70E-02	1.14E-02	2.44E-03	4.71E-06	2.62E-06	2.45E-03	2.39E-02
594894.00	4172803.00	3.06E-03	3.41E-04	1.28E-05	2.98E-06	5.83E-06	5.06E-07	3.43E-03	6.86E-04	6.66E-04	1.50E-06	1.15E-06	6.68E-04	6.53E-03
594914.00	4172803.00	3.20E-03	3.58E-04	1.38E-05	3.22E-06	6.17E-06	5.26E-07	3.59E-03	7.17E-04	7.40E-04	1.62E-06	1.30E-06	7.43E-04	7.25E-03

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
594934.00	4172803.00	3.36E-03	3.77E-04	1.50E-05	3.51E-06	6.57E-06	5.48E-07	3.76E-03	7.52E-04
594954.00	4172803.00	3.52E-03	3.95E-04	1.63E-05	3.82E-06	6.99E-06	5.68E-07	3.94E-03	7.89E-04
594974.00	4172803.00	3.70E-03	4.14E-04	1.79E-05	4.19E-06	7.48E-06	5.90E-07	4.15E-03	8.29E-04
595274.00	4172803.00	1.40E-02	7.62E-04	1.37E-04	3.13E-05	3.14E-05	9.71E-07	1.50E-02	3.00E-03
595294.00	4172803.00	1.68E-02	8.05E-04	1.22E-04	2.80E-05	3.49E-05	1.01E-06	1.78E-02	3.55E-03
595314.00	4172803.00	2.08E-02	8.56E-04	1.10E-04	2.52E-05	3.84E-05	1.06E-06	2.18E-02	4.37E-03
595354.00	4172803.00	3.39E-02	9.73E-04	9.11E-05	2.08E-05	4.28E-05	1.16E-06	3.50E-02	7.00E-03
595374.00	4172803.00	4.30E-02	1.04E-03	8.33E-05	1.90E-05	4.37E-05	1.21E-06	4.42E-02	8.84E-03
595394.00	4172803.00	5.39E-02	1.11E-03	7.68E-05	1.76E-05	4.40E-05	1.26E-06	5.51E-02	1.10E-02
595414.00	4172803.00	6.64E-02	1.18E-03	7.13E-05	1.63E-05	4.37E-05	1.32E-06	6.77E-02	1.35E-02
595434.00	4172803.00	7.98E-02	1.26E-03	6.64E-05	1.52E-05	4.29E-05	1.37E-06	8.12E-02	1.62E-02
595454.00	4172803.00	9.30E-02	1.34E-03	6.21E-05	1.42E-05	4.18E-05	1.43E-06	9.45E-02	1.89E-02
595474.00	4172803.00	9.97E-02	1.43E-03	5.84E-05	1.33E-05	4.05E-05	1.49E-06	1.01E-01	2.02E-02
595534.00	4172803.00	7.91E-02	1.71E-03	4.91E-05	1.12E-05	3.56E-05	1.66E-06	8.09E-02	1.62E-02
595554.00	4172803.00	7.09E-02	1.80E-03	4.66E-05	1.06E-05	3.38E-05	1.71E-06	7.28E-02	1.46E-02
595574.00	4172803.00	6.41E-02	1.90E-03	4.43E-05	1.01E-05	3.21E-05	1.77E-06	6.61E-02	1.32E-02
595594.00	4172803.00	5.79E-02	1.99E-03	4.21E-05	9.63E-06	3.04E-05	1.82E-06	6.00E-02	1.20E-02
595614.00	4172803.00	5.29E-02	2.08E-03	4.02E-05	9.19E-06	2.89E-05	1.87E-06	5.50E-02	1.10E-02
595634.00	4172803.00	4.83E-02	2.17E-03	3.85E-05	8.78E-06	2.73E-05	1.92E-06	5.06E-02	1.01E-02
595654.00	4172803.00	4.43E-02	2.25E-03	3.68E-05	8.40E-06	2.59E-05	1.96E-06	4.66E-02	9.33E-03
595674.00	4172803.00	4.08E-02	2.31E-03	3.53E-05	8.05E-06	2.45E-05	1.99E-06	4.31E-02	8.63E-03
594874.00	4172823.00	2.67E-03	3.25E-04	1.10E-05	2.56E-06	5.15E-06	4.69E-07	3.01E-03	6.02E-04
594894.00	4172823.00	2.78E-03	3.41E-04	1.19E-05	2.76E-06	5.47E-06	4.94E-07	3.14E-03	6.29E-04
594914.00	4172823.00	2.90E-03	3.55E-04	1.28E-05	2.99E-06	5.80E-06	5.14E-07	3.28E-03	6.56E-04
594934.00	4172823.00	3.04E-03	3.72E-04	1.38E-05	3.23E-06	6.16E-06	5.33E-07	3.43E-03	6.87E-04
594954.00	4172823.00	3.18E-03	3.89E-04	1.49E-05	3.51E-06	6.56E-06	5.53E-07	3.59E-03	7.19E-04
595254.00	4172823.00	1.04E-02	6.92E-04	1.07E-04	2.44E-05	2.40E-05	8.86E-07	1.12E-02	2.24E-03
595274.00	4172823.00	1.21E-02	7.28E-04	1.03E-04	2.34E-05	2.69E-05	9.24E-07	1.29E-02	2.59E-03
595294.00	4172823.00	1.43E-02	7.70E-04	9.66E-05	2.20E-05	2.98E-05	9.65E-07	1.52E-02	3.05E-03
595334.00	4172823.00	2.17E-02	8.71E-04	8.39E-05	1.91E-05	3.50E-05	1.06E-06	2.27E-02	4.55E-03
595354.00	4172823.00	2.70E-02	9.25E-04	7.78E-05	1.77E-05	3.66E-05	1.10E-06	2.81E-02	5.61E-03
595374.00	4172823.00	3.37E-02	9.86E-04	7.25E-05	1.65E-05	3.77E-05	1.15E-06	3.48E-02	6.96E-03
595394.00	4172823.00	4.13E-02	1.05E-03	6.76E-05	1.54E-05	3.81E-05	1.20E-06	4.24E-02	8.49E-03
595414.00	4172823.00	4.96E-02	1.11E-03	6.33E-05	1.45E-05	3.81E-05	1.24E-06	5.08E-02	1.02E-02
595434.00	4172823.00	5.84E-02	1.18E-03	5.95E-05	1.36E-05	3.77E-05	1.29E-06	5.97E-02	1.19E-02
595454.00	4172823.00	6.65E-02	1.26E-03	5.60E-05	1.28E-05	3.69E-05	1.34E-06	6.78E-02	1.36E-02
595474.00	4172823.00	7.10E-02	1.34E-03	5.29E-05	1.21E-05	3.59E-05	1.39E-06	7.25E-02	1.45E-02
595494.00	4172823.00	7.12E-02	1.42E-03	5.01E-05	1.15E-05	3.47E-05	1.44E-06	7.27E-02	1.45E-02
595514.00	4172823.00	6.82E-02	1.50E-03	4.76E-05	1.09E-05	3.35E-05	1.50E-06	6.97E-02	1.39E-02
595534.00	4172823.00	6.38E-02	1.59E-03	4.53E-05	1.03E-05	3.22E-05	1.55E-06	6.55E-02	1.31E-02
595574.00	4172823.00	5.46E-02	1.76E-03	4.12E-05	9.41E-06	2.94E-05	1.65E-06	5.64E-02	1.13E-02
595594.00	4172823.00	5.02E-02	1.84E-03	3.93E-05	8.98E-06	2.80E-05	1.70E-06	5.21E-02	1.04E-02
595614.00	4172823.00	4.63E-02	1.93E-03	3.76E-05	8.59E-06	2.67E-05	1.75E-06	4.83E-02	9.67E-03
595634.00	4172823.00	4.28E-02	2.00E-03	3.60E-05	8.23E-06	2.54E-05	1.79E-06	4.49E-02	8.97E-03
595654.00	4172823.00	3.96E-02	2.08E-03	3.46E-05	7.89E-06	2.41E-05	1.83E-06	4.18E-02	8.35E-03
595674.00	4172823.00	3.67E-02	2.14E-03	3.32E-05	7.58E-06	2.29E-05	1.86E-06	3.89E-02	7.79E-03
594874.00	4172843.00	2.45E-03	3.23E-04	1.04E-05	2.42E-06	4.90E-06	4.66E-07	2.79E-03	5.58E-04

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
8.26E-04	1.76E-06	1.49E-06	8.29E-04	8.10E-03
9.22E-04	1.92E-06	1.71E-06	9.26E-04	9.04E-03
1.03E-03	2.11E-06	1.97E-06	1.04E-03	1.01E-02
1.36E-02	1.58E-05	1.58E-05	1.36E-02	1.33E-01
1.03E-02	1.41E-05	1.20E-05	1.04E-02	1.01E-01
8.13E-03	1.27E-05	9.53E-06	8.15E-03	7.96E-02
5.57E-03	1.05E-05	6.67E-06	5.58E-03	5.45E-02
4.77E-03	9.58E-06	5.89E-06	4.79E-03	4.67E-02
4.17E-03	8.83E-06	5.46E-06	4.18E-03	4.09E-02
3.72E-03	8.20E-06	5.52E-06	3.73E-03	3.64E-02
3.38E-03	7.64E-06	6.51E-06	3.39E-03	3.31E-02
3.21E-03	7.14E-06	1.01E-05	3.23E-03	3.16E-02
3.60E-03	6.71E-06	1.88E-05	3.63E-03	3.54E-02
5.47E-03	5.65E-06	8.91E-06	5.49E-03	5.36E-02
4.47E-03	5.36E-06	5.92E-06	4.48E-03	4.37E-02
3.64E-03	5.09E-06	4.38E-06	3.65E-03	3.56E-02
3.00E-03	4.84E-06	3.48E-06	3.01E-03	2.94E-02
2.55E-03	4.62E-06	2.89E-06	2.56E-03	2.50E-02
2.21E-03	4.42E-06	2.48E-06	2.22E-03	2.17E-02
1.95E-03	4.23E-06	2.17E-06	1.96E-03	1.91E-02
1.74E-03	4.05E-06	1.94E-06	1.75E-03	1.71E-02
5.53E-04	1.29E-06	9.15E-07	5.55E-04	5.42E-03
6.16E-04	1.39E-06	1.04E-06	6.19E-04	6.04E-03
6.90E-04	1.50E-06	1.19E-06	6.93E-04	6.76E-03
7.76E-04	1.63E-06	1.36E-06	7.79E-04	7.60E-03
8.75E-04	1.77E-06	1.57E-06	8.78E-04	8.58E-03
1.50E-02	1.23E-05	1.96E-05	1.51E-02	1.47E-01
1.20E-02	1.18E-05	1.44E-05	1.20E-02	1.17E-01
9.18E-03	1.11E-05	1.11E-05	9.20E-03	8.99E-02
6.06E-03	9.63E-06	7.31E-06	6.08E-03	5.94E-02
5.12E-03	8.93E-06	6.18E-06	5.14E-03	5.02E-02
4.43E-03	8.33E-06	5.39E-06	4.44E-03	4.34E-02
3.88E-03	7.77E-06	4.86E-06	3.89E-03	3.80E-02
3.44E-03	7.27E-06	4.62E-06	3.46E-03	3.38E-02
3.12E-03	6.84E-06	4.83E-06	3.14E-03	3.06E-02
2.94E-03	6.44E-06	5.81E-06	2.95E-03	2.89E-02
3.02E-03	6.08E-06	7.74E-06	3.04E-03	2.96E-02
3.42E-03	5.76E-06	9.51E-06	3.44E-03	3.36E-02
3.83E-03	5.47E-06	8.58E-06	3.84E-03	3.75E-02
3.77E-03	5.21E-06	6.39E-06	3.78E-03	3.69E-02
2.95E-03	4.73E-06	3.76E-06	2.96E-03	2.89E-02
2.56E-03	4.52E-06	3.09E-06	2.57E-03	2.51E-02
2.25E-03	4.32E-06	2.62E-06	2.25E-03	2.20E-02
1.99E-03	4.14E-06	2.28E-06	1.99E-03	1.95E-02
1.78E-03	3.97E-06	2.02E-06	1.79E-03	1.74E-02
1.61E-03	3.81E-06	1.82E-06	1.62E-03	1.58E-02
5.02E-04	1.22E-06	8.19E-07	5.04E-04	4.93E-03

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
594894.00	4172843.00	2.54E-03	3.37E-04	1.10E-05	2.58E-06	5.14E-06	4.76E-07	2.90E-03	5.80E-04
594914.00	4172843.00	2.66E-03	3.52E-04	1.18E-05	2.79E-06	5.46E-06	5.01E-07	3.03E-03	6.06E-04
594934.00	4172843.00	2.77E-03	3.66E-04	1.28E-05	3.01E-06	5.82E-06	5.19E-07	3.16E-03	6.33E-04
594954.00	4172843.00	2.90E-03	3.83E-04	1.37E-05	3.26E-06	6.20E-06	5.37E-07	3.31E-03	6.61E-04
595254.00	4172843.00	9.16E-03	6.62E-04	7.99E-05	1.81E-05	2.10E-05	8.45E-07	9.94E-03	1.99E-03
595274.00	4172843.00	1.06E-02	6.98E-04	8.01E-05	1.82E-05	2.35E-05	8.83E-07	1.15E-02	2.29E-03
595294.00	4172843.00	1.25E-02	7.38E-04	7.79E-05	1.77E-05	2.59E-05	9.22E-07	1.34E-02	2.68E-03
595334.00	4172843.00	1.83E-02	8.30E-04	7.08E-05	1.61E-05	3.01E-05	1.00E-06	1.92E-02	3.85E-03
595354.00	4172843.00	2.24E-02	8.82E-04	6.69E-05	1.52E-05	3.16E-05	1.05E-06	2.33E-02	4.67E-03
595374.00	4172843.00	2.73E-02	9.37E-04	6.32E-05	1.44E-05	3.27E-05	1.09E-06	2.83E-02	5.66E-03
595394.00	4172843.00	3.28E-02	9.95E-04	5.97E-05	1.36E-05	3.33E-05	1.13E-06	3.39E-02	6.79E-03
595414.00	4172843.00	3.89E-02	1.06E-03	5.65E-05	1.29E-05	3.35E-05	1.18E-06	4.01E-02	8.02E-03
595434.00	4172843.00	4.51E-02	1.12E-03	5.35E-05	1.22E-05	3.33E-05	1.22E-06	4.63E-02	9.25E-03
595454.00	4172843.00	5.06E-02	1.19E-03	5.07E-05	1.16E-05	3.28E-05	1.27E-06	5.18E-02	1.04E-02
595474.00	4172843.00	5.40E-02	1.25E-03	4.81E-05	1.10E-05	3.20E-05	1.31E-06	5.54E-02	1.11E-02
595494.00	4172843.00	5.52E-02	1.33E-03	4.58E-05	1.05E-05	3.12E-05	1.36E-06	5.66E-02	1.13E-02
595514.00	4172843.00	5.44E-02	1.40E-03	4.37E-05	9.99E-06	3.02E-05	1.40E-06	5.58E-02	1.12E-02
595534.00	4172843.00	5.21E-02	1.48E-03	4.17E-05	9.53E-06	2.91E-05	1.45E-06	5.37E-02	1.07E-02
595554.00	4172843.00	4.94E-02	1.55E-03	3.99E-05	9.11E-06	2.80E-05	1.50E-06	5.10E-02	1.02E-02
595574.00	4172843.00	4.66E-02	1.63E-03	3.82E-05	8.74E-06	2.70E-05	1.55E-06	4.83E-02	9.66E-03
595634.00	4172843.00	3.79E-02	1.86E-03	3.38E-05	7.71E-06	2.35E-05	1.67E-06	3.99E-02	7.97E-03
595654.00	4172843.00	3.54E-02	1.92E-03	3.25E-05	7.41E-06	2.24E-05	1.71E-06	3.74E-02	7.48E-03
595674.00	4172843.00	3.31E-02	1.98E-03	3.13E-05	7.13E-06	2.14E-05	1.74E-06	3.51E-02	7.02E-03
594854.00	4172863.00	2.18E-03	3.06E-04	9.19E-06	2.15E-06	4.41E-06	4.40E-07	2.51E-03	5.01E-04
594874.00	4172863.00	2.27E-03	3.17E-04	9.79E-06	2.31E-06	4.65E-06	4.57E-07	2.60E-03	5.21E-04
594894.00	4172863.00	2.35E-03	3.33E-04	1.03E-05	2.44E-06	4.88E-06	4.68E-07	2.70E-03	5.40E-04
594914.00	4172863.00	2.45E-03	3.46E-04	1.10E-05	2.61E-06	5.17E-06	4.82E-07	2.81E-03	5.62E-04
594934.00	4172863.00	2.56E-03	3.61E-04	1.19E-05	2.83E-06	5.52E-06	5.05E-07	2.94E-03	5.88E-04
595234.00	4172863.00	7.25E-03	6.05E-04	5.87E-05	1.34E-05	1.67E-05	7.75E-07	7.94E-03	1.59E-03
595254.00	4172863.00	8.21E-03	6.35E-04	6.23E-05	1.41E-05	1.85E-05	8.07E-07	8.94E-03	1.79E-03
595274.00	4172863.00	9.45E-03	6.69E-04	6.38E-05	1.44E-05	2.05E-05	8.42E-07	1.02E-02	2.04E-03
595294.00	4172863.00	1.11E-02	7.08E-04	6.39E-05	1.45E-05	2.27E-05	8.82E-07	1.19E-02	2.39E-03
595314.00	4172863.00	1.32E-02	7.50E-04	6.25E-05	1.42E-05	2.46E-05	9.20E-07	1.40E-02	2.81E-03
595334.00	4172863.00	1.58E-02	7.95E-04	6.03E-05	1.37E-05	2.62E-05	9.57E-07	1.67E-02	3.33E-03
595354.00	4172863.00	1.89E-02	8.42E-04	5.78E-05	1.31E-05	2.76E-05	9.94E-07	1.98E-02	3.97E-03
595374.00	4172863.00	2.27E-02	8.93E-04	5.54E-05	1.26E-05	2.86E-05	1.04E-06	2.37E-02	4.74E-03
595394.00	4172863.00	2.69E-02	9.45E-04	5.28E-05	1.20E-05	2.92E-05	1.07E-06	2.79E-02	5.58E-03
595414.00	4172863.00	3.14E-02	1.00E-03	5.05E-05	1.15E-05	2.95E-05	1.11E-06	3.25E-02	6.50E-03
595434.00	4172863.00	3.60E-02	1.06E-03	4.82E-05	1.10E-05	2.95E-05	1.16E-06	3.71E-02	7.42E-03
595454.00	4172863.00	4.01E-02	1.12E-03	4.61E-05	1.05E-05	2.93E-05	1.20E-06	4.13E-02	8.26E-03
595474.00	4172863.00	4.29E-02	1.18E-03	4.40E-05	1.00E-05	2.88E-05	1.24E-06	4.42E-02	8.84E-03
595494.00	4172863.00	4.43E-02	1.25E-03	4.21E-05	9.60E-06	2.81E-05	1.28E-06	4.57E-02	9.13E-03
595514.00	4172863.00	4.43E-02	1.31E-03	4.03E-05	9.19E-06	2.74E-05	1.32E-06	4.57E-02	9.14E-03
595534.00	4172863.00	4.33E-02	1.38E-03	3.85E-05	8.80E-06	2.65E-05	1.36E-06	4.47E-02	8.94E-03
595554.00	4172863.00	4.17E-02	1.45E-03	3.70E-05	8.44E-06	2.56E-05	1.41E-06	4.33E-02	8.65E-03
595574.00	4172863.00	4.00E-02	1.52E-03	3.56E-05	8.13E-06	2.47E-05	1.45E-06	4.16E-02	8.33E-03
595594.00	4172863.00	3.80E-02	1.59E-03	3.43E-05	7.82E-06	2.38E-05	1.49E-06	3.97E-02	7.94E-03

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
5.59E-04	1.30E-06	9.19E-07	5.61E-04	5.48E-03
6.30E-04	1.40E-06	1.05E-06	6.32E-04	6.17E-03
7.12E-04	1.52E-06	1.21E-06	7.15E-04	6.98E-03
8.10E-04	1.64E-06	1.41E-06	8.13E-04	7.94E-03
1.38E-02	9.13E-06	1.76E-05	1.38E-02	1.35E-01
1.07E-02	9.15E-06	1.31E-05	1.07E-02	1.04E-01
8.30E-03	8.90E-06	1.02E-05	8.32E-03	8.13E-02
5.63E-03	8.10E-06	6.75E-06	5.65E-03	5.51E-02
4.81E-03	7.67E-06	5.71E-06	4.83E-03	4.71E-02
4.18E-03	7.25E-06	4.95E-06	4.19E-03	4.09E-02
3.66E-03	6.85E-06	4.42E-06	3.68E-03	3.59E-02
3.26E-03	6.48E-06	4.11E-06	3.27E-03	3.19E-02
2.95E-03	6.14E-06	4.03E-06	2.96E-03	2.89E-02
2.74E-03	5.83E-06	4.26E-06	2.75E-03	2.69E-02
2.68E-03	5.53E-06	4.80E-06	2.69E-03	2.63E-02
2.78E-03	5.27E-06	5.35E-06	2.79E-03	2.72E-02
2.90E-03	5.03E-06	5.25E-06	2.91E-03	2.84E-02
2.86E-03	4.80E-06	4.55E-06	2.87E-03	2.80E-02
2.68E-03	4.59E-06	3.80E-06	2.69E-03	2.63E-02
2.45E-03	4.40E-06	3.18E-06	2.46E-03	2.40E-02
1.79E-03	3.88E-06	2.08E-06	1.79E-03	1.75E-02
1.62E-03	3.73E-06	1.87E-06	1.63E-03	1.59E-02
1.48E-03	3.59E-06	1.69E-06	1.49E-03	1.45E-02
4.03E-04	1.08E-06	6.44E-07	4.04E-04	3.95E-03
4.48E-04	1.16E-06	7.20E-07	4.50E-04	4.39E-03
4.98E-04	1.23E-06	8.04E-07	5.00E-04	4.88E-03
5.60E-04	1.31E-06	9.11E-07	5.62E-04	5.49E-03
6.37E-04	1.42E-06	1.05E-06	6.39E-04	6.24E-03
1.48E-02	6.74E-06	2.17E-05	1.48E-02	1.45E-01
1.23E-02	7.12E-06	1.56E-05	1.23E-02	1.20E-01
9.51E-03	7.27E-06	1.17E-05	9.53E-03	9.31E-02
7.71E-03	7.28E-06	9.15E-06	7.73E-03	7.55E-02
6.38E-03	7.13E-06	7.40E-06	6.40E-03	6.25E-02
5.38E-03	6.89E-06	6.14E-06	5.40E-03	5.27E-02
4.61E-03	6.61E-06	5.21E-06	4.62E-03	4.51E-02
3.99E-03	6.34E-06	4.53E-06	4.01E-03	3.91E-02
3.49E-03	6.05E-06	4.02E-06	3.50E-03	3.42E-02
3.09E-03	5.78E-06	3.69E-06	3.10E-03	3.03E-02
2.78E-03	5.53E-06	3.51E-06	2.79E-03	2.73E-02
2.57E-03	5.29E-06	3.50E-06	2.58E-03	2.52E-02
2.44E-03	5.05E-06	3.63E-06	2.45E-03	2.39E-02
2.41E-03	4.83E-06	3.79E-06	2.42E-03	2.36E-02
2.40E-03	4.62E-06	3.74E-06	2.41E-03	2.35E-02
2.34E-03	4.43E-06	3.45E-06	2.35E-03	2.30E-02
2.23E-03	4.25E-06	3.07E-06	2.24E-03	2.19E-02
2.09E-03	4.09E-06	2.71E-06	2.10E-03	2.05E-02
1.93E-03	3.94E-06	2.39E-06	1.93E-03	1.89E-02

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
595614.00	4172863.00	3.60E-02	1.66E-03	3.30E-05	7.53E-06	2.29E-05	1.53E-06	3.77E-02	7.55E-03
594854.00	4172883.00	2.03E-03	3.03E-04	8.64E-06	2.04E-06	4.17E-06	4.24E-07	2.35E-03	4.70E-04
594874.00	4172883.00	2.11E-03	3.16E-04	9.14E-06	2.17E-06	4.39E-06	4.38E-07	2.44E-03	4.87E-04
594894.00	4172883.00	2.19E-03	3.28E-04	9.65E-06	2.30E-06	4.62E-06	4.49E-07	2.53E-03	5.06E-04
594914.00	4172883.00	2.27E-03	3.40E-04	1.03E-05	2.46E-06	4.90E-06	4.66E-07	2.63E-03	5.26E-04
595234.00	4172883.00	6.61E-03	5.82E-04	4.74E-05	1.08E-05	1.50E-05	7.43E-07	7.27E-03	1.45E-03
595254.00	4172883.00	7.46E-03	6.10E-04	5.06E-05	1.15E-05	1.65E-05	7.73E-07	8.15E-03	1.63E-03
595274.00	4172883.00	8.52E-03	6.42E-04	5.24E-05	1.18E-05	1.82E-05	8.06E-07	9.25E-03	1.85E-03
595294.00	4172883.00	9.91E-03	6.79E-04	5.31E-05	1.20E-05	1.99E-05	8.42E-07	1.07E-02	2.14E-03
595314.00	4172883.00	1.16E-02	7.18E-04	5.27E-05	1.19E-05	2.15E-05	8.76E-07	1.24E-02	2.48E-03
595334.00	4172883.00	1.38E-02	7.61E-04	5.18E-05	1.17E-05	2.31E-05	9.13E-07	1.46E-02	2.92E-03
595374.00	4172883.00	1.94E-02	8.53E-04	4.89E-05	1.11E-05	2.53E-05	9.87E-07	2.03E-02	4.06E-03
595394.00	4172883.00	2.26E-02	9.00E-04	4.70E-05	1.07E-05	2.59E-05	1.02E-06	2.35E-02	4.71E-03
595414.00	4172883.00	2.60E-02	9.50E-04	4.53E-05	1.03E-05	2.62E-05	1.06E-06	2.71E-02	5.41E-03
595434.00	4172883.00	2.96E-02	1.00E-03	4.36E-05	9.92E-06	2.64E-05	1.10E-06	3.07E-02	6.14E-03
595454.00	4172883.00	3.26E-02	1.06E-03	4.19E-05	9.53E-06	2.62E-05	1.13E-06	3.38E-02	6.75E-03
595474.00	4172883.00	3.50E-02	1.11E-03	4.02E-05	9.16E-06	2.59E-05	1.17E-06	3.62E-02	7.24E-03
595494.00	4172883.00	3.64E-02	1.17E-03	3.86E-05	8.81E-06	2.54E-05	1.21E-06	3.76E-02	7.52E-03
595514.00	4172883.00	3.69E-02	1.23E-03	3.72E-05	8.48E-06	2.49E-05	1.25E-06	3.82E-02	7.64E-03
595534.00	4172883.00	3.65E-02	1.29E-03	3.57E-05	8.15E-06	2.42E-05	1.28E-06	3.79E-02	7.58E-03
595554.00	4172883.00	3.57E-02	1.36E-03	3.44E-05	7.85E-06	2.35E-05	1.32E-06	3.72E-02	7.43E-03
595574.00	4172883.00	3.47E-02	1.42E-03	3.32E-05	7.58E-06	2.27E-05	1.36E-06	3.61E-02	7.23E-03
595594.00	4172883.00	3.32E-02	1.48E-03	3.20E-05	7.29E-06	2.19E-05	1.40E-06	3.47E-02	6.95E-03
595614.00	4172883.00	3.16E-02	1.55E-03	3.08E-05	7.03E-06	2.11E-05	1.44E-06	3.32E-02	6.65E-03
595634.00	4172883.00	3.01E-02	1.61E-03	2.98E-05	6.79E-06	2.03E-05	1.47E-06	3.17E-02	6.35E-03
595654.00	4172883.00	2.86E-02	1.66E-03	2.88E-05	6.56E-06	1.95E-05	1.51E-06	3.03E-02	6.06E-03
594854.00	4172903.00	1.90E-03	3.00E-04	8.18E-06	1.95E-06	3.97E-06	4.13E-07	2.22E-03	4.43E-04
594874.00	4172903.00	1.97E-03	3.11E-04	8.64E-06	2.06E-06	4.19E-06	4.26E-07	2.30E-03	4.59E-04
594894.00	4172903.00	2.05E-03	3.22E-04	9.09E-06	2.18E-06	4.40E-06	4.35E-07	2.38E-03	4.77E-04
594914.00	4172903.00	2.13E-03	3.33E-04	9.67E-06	2.33E-06	4.67E-06	4.52E-07	2.48E-03	4.96E-04
595234.00	4172903.00	6.08E-03	5.60E-04	3.95E-05	9.00E-06	1.36E-05	7.13E-07	6.70E-03	1.34E-03
595254.00	4172903.00	6.82E-03	5.87E-04	4.21E-05	9.55E-06	1.49E-05	7.42E-07	7.48E-03	1.50E-03
595274.00	4172903.00	7.76E-03	6.18E-04	4.40E-05	9.93E-06	1.63E-05	7.73E-07	8.45E-03	1.69E-03
595294.00	4172903.00	8.93E-03	6.53E-04	4.49E-05	1.01E-05	1.77E-05	8.06E-07	9.66E-03	1.93E-03
595314.00	4172903.00	1.03E-02	6.89E-04	4.51E-05	1.02E-05	1.91E-05	8.37E-07	1.11E-02	2.22E-03
595334.00	4172903.00	1.21E-02	7.29E-04	4.48E-05	1.01E-05	2.04E-05	8.71E-07	1.29E-02	2.59E-03
595354.00	4172903.00	1.42E-02	7.69E-04	4.40E-05	9.94E-06	2.15E-05	9.03E-07	1.50E-02	3.01E-03
595374.00	4172903.00	1.66E-02	8.13E-04	4.31E-05	9.75E-06	2.24E-05	9.38E-07	1.75E-02	3.50E-03
595414.00	4172903.00	2.21E-02	9.05E-04	4.08E-05	9.26E-06	2.35E-05	1.01E-06	2.31E-02	4.61E-03
595434.00	4172903.00	2.48E-02	9.53E-04	3.95E-05	8.97E-06	2.37E-05	1.04E-06	2.58E-02	5.16E-03
595454.00	4172903.00	2.72E-02	1.00E-03	3.82E-05	8.67E-06	2.36E-05	1.07E-06	2.83E-02	5.65E-03
595474.00	4172903.00	2.91E-02	1.05E-03	3.68E-05	8.37E-06	2.34E-05	1.11E-06	3.02E-02	6.05E-03
595494.00	4172903.00	3.04E-02	1.10E-03	3.56E-05	8.09E-06	2.31E-05	1.14E-06	3.16E-02	6.32E-03
595514.00	4172903.00	3.10E-02	1.16E-03	3.43E-05	7.81E-06	2.26E-05	1.18E-06	3.23E-02	6.45E-03
595534.00	4172903.00	3.11E-02	1.21E-03	3.31E-05	7.54E-06	2.21E-05	1.21E-06	3.24E-02	6.47E-03
595554.00	4172903.00	3.08E-02	1.27E-03	3.20E-05	7.30E-06	2.16E-05	1.25E-06	3.21E-02	6.43E-03
595574.00	4172903.00	3.01E-02	1.33E-03	3.10E-05	7.06E-06	2.09E-05	1.28E-06	3.15E-02	6.31E-03

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
1.77E-03	3.79E-06	2.12E-06	1.77E-03	1.73E-02
3.52E-04	1.03E-06	5.58E-07	3.53E-04	3.45E-03
3.89E-04	1.09E-06	6.19E-07	3.91E-04	3.82E-03
4.34E-04	1.16E-06	6.85E-07	4.35E-04	4.25E-03
4.87E-04	1.24E-06	7.75E-07	4.89E-04	4.77E-03
1.41E-02	5.44E-06	1.86E-05	1.41E-02	1.38E-01
1.12E-02	5.77E-06	1.34E-05	1.13E-02	1.10E-01
9.03E-03	5.96E-06	1.02E-05	9.04E-03	8.83E-02
7.51E-03	6.04E-06	8.06E-06	7.52E-03	7.35E-02
6.27E-03	5.99E-06	6.57E-06	6.28E-03	6.13E-02
5.29E-03	5.90E-06	5.49E-06	5.30E-03	5.18E-02
3.85E-03	5.58E-06	4.10E-06	3.86E-03	3.77E-02
3.34E-03	5.37E-06	3.64E-06	3.34E-03	3.27E-02
2.93E-03	5.18E-06	3.32E-06	2.94E-03	2.87E-02
2.63E-03	4.99E-06	3.11E-06	2.64E-03	2.57E-02
2.39E-03	4.80E-06	3.00E-06	2.40E-03	2.34E-02
2.24E-03	4.61E-06	2.98E-06	2.25E-03	2.20E-02
2.15E-03	4.43E-06	2.99E-06	2.16E-03	2.11E-02
2.09E-03	4.27E-06	2.94E-06	2.10E-03	2.05E-02
2.02E-03	4.10E-06	2.78E-06	2.03E-03	1.98E-02
1.93E-03	3.95E-06	2.56E-06	1.94E-03	1.89E-02
1.82E-03	3.81E-06	2.33E-06	1.83E-03	1.78E-02
1.70E-03	3.67E-06	2.11E-06	1.70E-03	1.66E-02
1.57E-03	3.54E-06	1.91E-06	1.58E-03	1.54E-02
1.46E-03	3.42E-06	1.73E-06	1.47E-03	1.43E-02
1.36E-03	3.30E-06	1.58E-06	1.36E-03	1.33E-02
3.04E-04	9.79E-07	4.84E-07	3.05E-04	2.98E-03
3.35E-04	1.04E-06	5.33E-07	3.36E-04	3.28E-03
3.71E-04	1.10E-06	5.85E-07	3.72E-04	3.64E-03
4.14E-04	1.17E-06	6.56E-07	4.16E-04	4.06E-03
1.40E-02	4.53E-06	1.52E-05	1.40E-02	1.37E-01
1.16E-02	4.81E-06	1.11E-05	1.17E-02	1.14E-01
9.71E-03	5.00E-06	8.60E-06	9.72E-03	9.49E-02
8.04E-03	5.10E-06	6.91E-06	8.05E-03	7.86E-02
6.49E-03	5.11E-06	5.71E-06	6.50E-03	6.35E-02
5.28E-03	5.09E-06	4.83E-06	5.29E-03	5.17E-02
4.36E-03	5.00E-06	4.16E-06	4.37E-03	4.26E-02
3.68E-03	4.91E-06	3.66E-06	3.68E-03	3.60E-02
2.77E-03	4.66E-06	2.98E-06	2.77E-03	2.71E-02
2.46E-03	4.51E-06	2.77E-06	2.46E-03	2.41E-02
2.22E-03	4.36E-06	2.63E-06	2.23E-03	2.18E-02
2.06E-03	4.21E-06	2.55E-06	2.06E-03	2.02E-02
1.94E-03	4.07E-06	2.51E-06	1.95E-03	1.90E-02
1.86E-03	3.93E-06	2.44E-06	1.86E-03	1.82E-02
1.78E-03	3.80E-06	2.33E-06	1.79E-03	1.74E-02
1.70E-03	3.67E-06	2.19E-06	1.71E-03	1.67E-02
1.61E-03	3.55E-06	2.03E-06	1.62E-03	1.58E-02

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
595594.00	4172903.00	2.91E-02	1.39E-03	2.99E-05	6.81E-06	2.02E-05	1.32E-06	3.05E-02	6.11E-03
595614.00	4172903.00	2.80E-02	1.44E-03	2.89E-05	6.58E-06	1.95E-05	1.35E-06	2.95E-02	5.90E-03
595634.00	4172903.00	2.69E-02	1.50E-03	2.80E-05	6.37E-06	1.89E-05	1.38E-06	2.84E-02	5.68E-03
594854.00	4172923.00	1.79E-03	2.95E-04	7.73E-06	1.84E-06	3.79E-06	3.99E-07	2.10E-03	4.20E-04
594874.00	4172923.00	1.86E-03	3.05E-04	8.20E-06	1.97E-06	4.02E-06	4.18E-07	2.18E-03	4.35E-04
594894.00	4172923.00	1.93E-03	3.16E-04	8.65E-06	2.09E-06	4.24E-06	4.29E-07	2.26E-03	4.52E-04
594914.00	4172923.00	2.01E-03	3.26E-04	9.20E-06	2.22E-06	4.52E-06	4.47E-07	2.35E-03	4.70E-04
595254.00	4172923.00	6.29E-03	5.66E-04	3.59E-05	8.13E-06	1.35E-05	7.14E-07	6.91E-03	1.38E-03
595274.00	4172923.00	7.10E-03	5.96E-04	3.75E-05	8.48E-06	1.46E-05	7.43E-07	7.76E-03	1.55E-03
595294.00	4172923.00	8.10E-03	6.28E-04	3.86E-05	8.69E-06	1.58E-05	7.72E-07	8.79E-03	1.76E-03
595314.00	4172923.00	9.31E-03	6.62E-04	3.91E-05	8.79E-06	1.70E-05	8.01E-07	1.00E-02	2.01E-03
595334.00	4172923.00	1.08E-02	6.99E-04	3.92E-05	8.82E-06	1.82E-05	8.33E-07	1.16E-02	2.32E-03
595354.00	4172923.00	1.25E-02	7.36E-04	3.88E-05	8.74E-06	1.91E-05	8.62E-07	1.33E-02	2.66E-03
595374.00	4172923.00	1.44E-02	7.76E-04	3.82E-05	8.62E-06	1.99E-05	8.92E-07	1.53E-02	3.05E-03
595394.00	4172923.00	1.66E-02	8.17E-04	3.75E-05	8.47E-06	2.06E-05	9.24E-07	1.75E-02	3.49E-03
595414.00	4172923.00	1.88E-02	8.60E-04	3.67E-05	8.30E-06	2.10E-05	9.57E-07	1.98E-02	3.95E-03
595474.00	4172923.00	2.47E-02	9.96E-04	3.38E-05	7.68E-06	2.13E-05	1.05E-06	2.58E-02	5.15E-03
595494.00	4172923.00	2.58E-02	1.04E-03	3.27E-05	7.44E-06	2.10E-05	1.08E-06	2.69E-02	5.38E-03
595514.00	4172923.00	2.65E-02	1.09E-03	3.17E-05	7.21E-06	2.07E-05	1.11E-06	2.77E-02	5.53E-03
595534.00	4172923.00	2.67E-02	1.14E-03	3.07E-05	6.99E-06	2.02E-05	1.14E-06	2.79E-02	5.59E-03
595554.00	4172923.00	2.67E-02	1.20E-03	2.98E-05	6.79E-06	1.98E-05	1.18E-06	2.80E-02	5.59E-03
595574.00	4172923.00	2.63E-02	1.25E-03	2.89E-05	6.58E-06	1.93E-05	1.21E-06	2.76E-02	5.52E-03
595594.00	4172923.00	2.57E-02	1.30E-03	2.80E-05	6.38E-06	1.87E-05	1.24E-06	2.70E-02	5.41E-03
595614.00	4172923.00	2.50E-02	1.35E-03	2.72E-05	6.19E-06	1.82E-05	1.27E-06	2.64E-02	5.27E-03
595634.00	4172923.00	2.41E-02	1.40E-03	2.63E-05	5.99E-06	1.76E-05	1.30E-06	2.55E-02	5.11E-03
595314.00	4172943.00	8.45E-03	6.37E-04	3.42E-05	7.70E-06	1.53E-05	7.68E-07	9.14E-03	1.83E-03
595334.00	4172943.00	9.68E-03	6.71E-04	3.45E-05	7.75E-06	1.63E-05	7.96E-07	1.04E-02	2.08E-03
595354.00	4172943.00	1.11E-02	7.06E-04	3.44E-05	7.74E-06	1.71E-05	8.24E-07	1.19E-02	2.38E-03
595374.00	4172943.00	1.27E-02	7.42E-04	3.42E-05	7.68E-06	1.79E-05	8.52E-07	1.35E-02	2.70E-03
595394.00	4172943.00	1.45E-02	7.80E-04	3.38E-05	7.61E-06	1.85E-05	8.82E-07	1.53E-02	3.07E-03
595414.00	4172943.00	1.63E-02	8.19E-04	3.32E-05	7.48E-06	1.89E-05	9.10E-07	1.72E-02	3.44E-03
595434.00	4172943.00	1.81E-02	8.59E-04	3.25E-05	7.35E-06	1.92E-05	9.39E-07	1.90E-02	3.81E-03
595454.00	4172943.00	1.98E-02	9.01E-04	3.18E-05	7.19E-06	1.93E-05	9.68E-07	2.07E-02	4.14E-03
595514.00	4172943.00	2.29E-02	1.03E-03	2.94E-05	6.68E-06	1.89E-05	1.05E-06	2.40E-02	4.81E-03
595534.00	4172943.00	2.33E-02	1.08E-03	2.86E-05	6.50E-06	1.86E-05	1.08E-06	2.44E-02	4.88E-03
595554.00	4172943.00	2.34E-02	1.12E-03	2.78E-05	6.32E-06	1.82E-05	1.11E-06	2.45E-02	4.91E-03
595574.00	4172943.00	2.31E-02	1.17E-03	2.70E-05	6.14E-06	1.78E-05	1.14E-06	2.43E-02	4.87E-03
595594.00	4172943.00	2.28E-02	1.22E-03	2.62E-05	5.97E-06	1.73E-05	1.17E-06	2.40E-02	4.81E-03
595614.00	4172943.00	2.23E-02	1.27E-03	2.55E-05	5.81E-06	1.69E-05	1.20E-06	2.36E-02	4.72E-03
595634.00	4172943.00	2.16E-02	1.31E-03	2.48E-05	5.64E-06	1.64E-05	1.23E-06	2.30E-02	4.60E-03
595314.00	4172963.00	7.68E-03	6.13E-04	3.02E-05	6.79E-06	1.38E-05	7.36E-07	8.34E-03	1.67E-03
595334.00	4172963.00	8.77E-03	6.46E-04	3.07E-05	6.89E-06	1.47E-05	7.64E-07	9.47E-03	1.89E-03
595354.00	4172963.00	9.97E-03	6.78E-04	3.08E-05	6.91E-06	1.55E-05	7.89E-07	1.07E-02	2.14E-03
595374.00	4172963.00	1.13E-02	7.11E-04	3.07E-05	6.90E-06	1.61E-05	8.15E-07	1.21E-02	2.42E-03
595394.00	4172963.00	1.28E-02	7.46E-04	3.05E-05	6.85E-06	1.67E-05	8.41E-07	1.36E-02	2.72E-03
595414.00	4172963.00	1.43E-02	7.81E-04	3.01E-05	6.77E-06	1.71E-05	8.68E-07	1.51E-02	3.02E-03
595434.00	4172963.00	1.58E-02	8.18E-04	2.97E-05	6.68E-06	1.74E-05	8.94E-07	1.67E-02	3.33E-03

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
1.51E-03	3.43E-06	1.86E-06	1.52E-03	1.48E-02
1.42E-03	3.31E-06	1.71E-06	1.42E-03	1.39E-02
1.33E-03	3.21E-06	1.58E-06	1.33E-03	1.30E-02
2.60E-04	9.28E-07	4.19E-07	2.61E-04	2.55E-03
2.84E-04	9.92E-07	4.63E-07	2.86E-04	2.79E-03
3.12E-04	1.05E-06	5.07E-07	3.14E-04	3.07E-03
3.47E-04	1.12E-06	5.67E-07	3.48E-04	3.40E-03
1.54E-02	4.09E-06	8.81E-06	1.54E-02	1.51E-01
1.24E-02	4.27E-06	7.02E-06	1.24E-02	1.21E-01
9.16E-03	4.37E-06	5.77E-06	9.17E-03	8.96E-02
6.71E-03	4.42E-06	4.87E-06	6.72E-03	6.56E-02
5.17E-03	4.44E-06	4.19E-06	5.18E-03	5.06E-02
4.14E-03	4.40E-06	3.65E-06	4.15E-03	4.05E-02
3.44E-03	4.34E-06	3.23E-06	3.44E-03	3.36E-02
2.93E-03	4.26E-06	2.91E-06	2.94E-03	2.87E-02
2.55E-03	4.18E-06	2.66E-06	2.56E-03	2.50E-02
1.89E-03	3.86E-06	2.24E-06	1.89E-03	1.85E-02
1.76E-03	3.74E-06	2.17E-06	1.77E-03	1.73E-02
1.67E-03	3.63E-06	2.10E-06	1.68E-03	1.64E-02
1.59E-03	3.52E-06	2.01E-06	1.60E-03	1.56E-02
1.52E-03	3.42E-06	1.90E-06	1.52E-03	1.49E-02
1.44E-03	3.31E-06	1.78E-06	1.45E-03	1.41E-02
1.36E-03	3.21E-06	1.66E-06	1.36E-03	1.33E-02
1.28E-03	3.11E-06	1.55E-06	1.29E-03	1.26E-02
1.21E-03	3.02E-06	1.44E-06	1.21E-03	1.18E-02
6.27E-03	3.87E-06	4.09E-06	6.28E-03	6.14E-02
4.72E-03	3.90E-06	3.58E-06	4.73E-03	4.62E-02
3.76E-03	3.90E-06	3.17E-06	3.77E-03	3.68E-02
3.12E-03	3.87E-06	2.84E-06	3.12E-03	3.05E-02
2.66E-03	3.83E-06	2.58E-06	2.67E-03	2.61E-02
2.32E-03	3.77E-06	2.37E-06	2.33E-03	2.27E-02
2.06E-03	3.70E-06	2.20E-06	2.07E-03	2.02E-02
1.87E-03	3.62E-06	2.08E-06	1.87E-03	1.83E-02
1.51E-03	3.36E-06	1.84E-06	1.52E-03	1.48E-02
1.44E-03	3.27E-06	1.77E-06	1.44E-03	1.41E-02
1.37E-03	3.18E-06	1.68E-06	1.37E-03	1.34E-02
1.30E-03	3.09E-06	1.59E-06	1.30E-03	1.27E-02
1.23E-03	3.00E-06	1.49E-06	1.24E-03	1.21E-02
1.17E-03	2.92E-06	1.40E-06	1.17E-03	1.14E-02
1.10E-03	2.84E-06	1.32E-06	1.11E-03	1.08E-02
5.13E-03	3.41E-06	3.42E-06	5.14E-03	5.02E-02
4.01E-03	3.47E-06	3.06E-06	4.01E-03	3.92E-02
3.25E-03	3.48E-06	2.75E-06	3.26E-03	3.18E-02
2.73E-03	3.47E-06	2.49E-06	2.74E-03	2.67E-02
2.35E-03	3.45E-06	2.28E-06	2.36E-03	2.30E-02
2.07E-03	3.41E-06	2.11E-06	2.08E-03	2.03E-02
1.85E-03	3.36E-06	1.97E-06	1.86E-03	1.82E-02

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
595454.00	4172963.00	1.72E-02	8.55E-04	2.91E-05	6.56E-06	1.75E-05	9.20E-07	1.81E-02	3.61E-03
595474.00	4172963.00	1.83E-02	8.93E-04	2.85E-05	6.43E-06	1.76E-05	9.45E-07	1.93E-02	3.85E-03
595494.00	4172963.00	1.93E-02	9.34E-04	2.79E-05	6.31E-06	1.75E-05	9.73E-07	2.03E-02	4.06E-03
595514.00	4172963.00	2.00E-02	9.75E-04	2.73E-05	6.17E-06	1.74E-05	9.99E-07	2.10E-02	4.20E-03
595554.00	4172963.00	2.06E-02	1.06E-03	2.59E-05	5.89E-06	1.68E-05	1.05E-06	2.17E-02	4.33E-03
595574.00	4172963.00	2.05E-02	1.10E-03	2.53E-05	5.74E-06	1.65E-05	1.08E-06	2.17E-02	4.33E-03
595594.00	4172963.00	2.03E-02	1.15E-03	2.46E-05	5.59E-06	1.61E-05	1.11E-06	2.15E-02	4.30E-03
595614.00	4172963.00	2.00E-02	1.19E-03	2.40E-05	5.46E-06	1.57E-05	1.14E-06	2.12E-02	4.24E-03
595314.00	4172983.00	7.03E-03	5.91E-04	2.69E-05	6.04E-06	1.26E-05	7.07E-07	7.67E-03	1.53E-03
595334.00	4172983.00	7.96E-03	6.21E-04	2.74E-05	6.15E-06	1.33E-05	7.32E-07	8.63E-03	1.73E-03
595354.00	4172983.00	9.00E-03	6.51E-04	2.77E-05	6.20E-06	1.40E-05	7.56E-07	9.70E-03	1.94E-03
595374.00	4172983.00	1.01E-02	6.82E-04	2.77E-05	6.22E-06	1.46E-05	7.80E-07	1.09E-02	2.18E-03
595394.00	4172983.00	1.14E-02	7.14E-04	2.77E-05	6.20E-06	1.52E-05	8.05E-07	1.21E-02	2.43E-03
595414.00	4172983.00	1.26E-02	7.46E-04	2.74E-05	6.16E-06	1.56E-05	8.29E-07	1.34E-02	2.69E-03
595434.00	4172983.00	1.39E-02	7.80E-04	2.71E-05	6.10E-06	1.58E-05	8.53E-07	1.47E-02	2.95E-03
595454.00	4172983.00	1.51E-02	8.15E-04	2.67E-05	6.02E-06	1.60E-05	8.77E-07	1.59E-02	3.19E-03
595474.00	4172983.00	1.61E-02	8.49E-04	2.63E-05	5.91E-06	1.61E-05	9.00E-07	1.70E-02	3.40E-03
595494.00	4172983.00	1.69E-02	8.86E-04	2.58E-05	5.82E-06	1.61E-05	9.25E-07	1.79E-02	3.57E-03
595514.00	4172983.00	1.76E-02	9.23E-04	2.53E-05	5.70E-06	1.59E-05	9.48E-07	1.85E-02	3.70E-03
595534.00	4172983.00	1.80E-02	9.61E-04	2.47E-05	5.59E-06	1.58E-05	9.73E-07	1.90E-02	3.80E-03
595554.00	4172983.00	1.82E-02	1.00E-03	2.42E-05	5.48E-06	1.56E-05	9.98E-07	1.93E-02	3.85E-03
595574.00	4172983.00	1.82E-02	1.04E-03	2.36E-05	5.35E-06	1.53E-05	1.02E-06	1.93E-02	3.86E-03
595594.00	4172983.00	1.81E-02	1.08E-03	2.31E-05	5.24E-06	1.50E-05	1.05E-06	1.93E-02	3.85E-03
595614.00	4172983.00	1.79E-02	1.12E-03	2.26E-05	5.12E-06	1.46E-05	1.07E-06	1.91E-02	3.82E-03
595314.00	4173003.00	6.49E-03	5.71E-04	2.42E-05	5.43E-06	1.15E-05	6.81E-07	7.10E-03	1.42E-03
595334.00	4173003.00	7.26E-03	5.97E-04	2.46E-05	5.53E-06	1.21E-05	7.02E-07	7.90E-03	1.58E-03
595354.00	4173003.00	8.16E-03	6.25E-04	2.50E-05	5.59E-06	1.28E-05	7.24E-07	8.83E-03	1.77E-03
595374.00	4173003.00	9.15E-03	6.54E-04	2.52E-05	5.63E-06	1.33E-05	7.47E-07	9.85E-03	1.97E-03
595394.00	4173003.00	1.02E-02	6.83E-04	2.52E-05	5.63E-06	1.38E-05	7.70E-07	1.09E-02	2.18E-03
595414.00	4173003.00	1.13E-02	7.14E-04	2.51E-05	5.62E-06	1.42E-05	7.92E-07	1.20E-02	2.41E-03
595434.00	4173003.00	1.23E-02	7.45E-04	2.49E-05	5.58E-06	1.45E-05	8.15E-07	1.31E-02	2.63E-03
595454.00	4173003.00	1.34E-02	7.77E-04	2.46E-05	5.53E-06	1.47E-05	8.37E-07	1.42E-02	2.83E-03
595474.00	4173003.00	1.42E-02	8.09E-04	2.43E-05	5.45E-06	1.48E-05	8.59E-07	1.51E-02	3.02E-03
595494.00	4173003.00	1.50E-02	8.42E-04	2.39E-05	5.38E-06	1.48E-05	8.81E-07	1.59E-02	3.17E-03
595514.00	4173003.00	1.56E-02	8.76E-04	2.35E-05	5.29E-06	1.47E-05	9.02E-07	1.65E-02	3.30E-03
595534.00	4173003.00	1.60E-02	9.10E-04	2.31E-05	5.20E-06	1.46E-05	9.25E-07	1.69E-02	3.39E-03
595554.00	4173003.00	1.62E-02	9.46E-04	2.26E-05	5.11E-06	1.44E-05	9.48E-07	1.72E-02	3.45E-03
595574.00	4173003.00	1.63E-02	9.81E-04	2.21E-05	5.00E-06	1.42E-05	9.69E-07	1.73E-02	3.47E-03
595594.00	4173003.00	1.63E-02	1.02E-03	2.17E-05	4.91E-06	1.39E-05	9.93E-07	1.74E-02	3.47E-03
595294.00	4173023.00	5.35E-03	5.25E-04	2.11E-05	4.75E-06	9.91E-06	6.33E-07	5.91E-03	1.18E-03
595314.00	4173023.00	5.96E-03	5.50E-04	2.18E-05	4.88E-06	1.05E-05	6.53E-07	6.55E-03	1.31E-03
595334.00	4173023.00	6.66E-03	5.76E-04	2.23E-05	5.00E-06	1.11E-05	6.74E-07	7.28E-03	1.46E-03
595354.00	4173023.00	7.45E-03	6.02E-04	2.27E-05	5.08E-06	1.17E-05	6.95E-07	8.09E-03	1.62E-03
595374.00	4173023.00	8.29E-03	6.28E-04	2.29E-05	5.12E-06	1.22E-05	7.16E-07	8.96E-03	1.79E-03
595394.00	4173023.00	9.20E-03	6.55E-04	2.30E-05	5.15E-06	1.26E-05	7.37E-07	9.89E-03	1.98E-03
595414.00	4173023.00	1.01E-02	6.83E-04	2.30E-05	5.15E-06	1.30E-05	7.58E-07	1.08E-02	2.17E-03
595434.00	4173023.00	1.10E-02	7.11E-04	2.29E-05	5.12E-06	1.33E-05	7.78E-07	1.18E-02	2.36E-03

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
1.68E-03	3.30E-06	1.86E-06	1.69E-03	1.65E-02
1.55E-03	3.24E-06	1.77E-06	1.55E-03	1.52E-02
1.45E-03	3.17E-06	1.70E-06	1.45E-03	1.42E-02
1.37E-03	3.11E-06	1.63E-06	1.37E-03	1.34E-02
1.23E-03	2.96E-06	1.50E-06	1.24E-03	1.21E-02
1.18E-03	2.89E-06	1.43E-06	1.18E-03	1.15E-02
1.12E-03	2.81E-06	1.35E-06	1.12E-03	1.10E-02
1.06E-03	2.75E-06	1.28E-06	1.07E-03	1.04E-02
3.93E-03	3.04E-06	2.86E-06	3.93E-03	3.84E-02
3.23E-03	3.10E-06	2.61E-06	3.24E-03	3.16E-02
2.72E-03	3.12E-06	2.38E-06	2.72E-03	2.66E-02
2.34E-03	3.13E-06	2.18E-06	2.34E-03	2.29E-02
2.05E-03	3.12E-06	2.02E-06	2.06E-03	2.01E-02
1.83E-03	3.10E-06	1.88E-06	1.83E-03	1.79E-02
1.65E-03	3.07E-06	1.76E-06	1.66E-03	1.62E-02
1.51E-03	3.03E-06	1.67E-06	1.52E-03	1.48E-02
1.40E-03	2.98E-06	1.59E-06	1.40E-03	1.37E-02
1.31E-03	2.93E-06	1.52E-06	1.31E-03	1.28E-02
1.23E-03	2.87E-06	1.46E-06	1.24E-03	1.21E-02
1.17E-03	2.81E-06	1.41E-06	1.18E-03	1.15E-02
1.12E-03	2.76E-06	1.35E-06	1.12E-03	1.10E-02
1.06E-03	2.69E-06	1.29E-06	1.07E-03	1.04E-02
1.02E-03	2.63E-06	1.23E-06	1.02E-03	9.97E-03
9.73E-04	2.58E-06	1.17E-06	9.76E-04	9.54E-03
2.98E-03	2.73E-06	2.41E-06	2.99E-03	2.92E-02
2.56E-03	2.78E-06	2.22E-06	2.57E-03	2.51E-02
2.24E-03	2.82E-06	2.06E-06	2.24E-03	2.19E-02
1.98E-03	2.83E-06	1.92E-06	1.98E-03	1.93E-02
1.77E-03	2.84E-06	1.79E-06	1.77E-03	1.73E-02
1.60E-03	2.83E-06	1.68E-06	1.60E-03	1.56E-02
1.46E-03	2.81E-06	1.58E-06	1.46E-03	1.43E-02
1.35E-03	2.78E-06	1.50E-06	1.35E-03	1.32E-02
1.25E-03	2.75E-06	1.43E-06	1.26E-03	1.23E-02
1.18E-03	2.71E-06	1.37E-06	1.18E-03	1.16E-02
1.11E-03	2.66E-06	1.32E-06	1.12E-03	1.09E-02
1.06E-03	2.62E-06	1.27E-06	1.07E-03	1.04E-02
1.01E-03	2.57E-06	1.22E-06	1.02E-03	9.94E-03
9.68E-04	2.52E-06	1.17E-06	9.72E-04	9.49E-03
9.28E-04	2.47E-06	1.12E-06	9.32E-04	9.10E-03
2.46E-03	2.39E-06	2.14E-06	2.46E-03	2.40E-02
2.25E-03	2.46E-06	2.02E-06	2.26E-03	2.21E-02
2.04E-03	2.52E-06	1.91E-06	2.05E-03	2.00E-02
1.84E-03	2.56E-06	1.79E-06	1.85E-03	1.81E-02
1.67E-03	2.58E-06	1.68E-06	1.67E-03	1.63E-02
1.52E-03	2.59E-06	1.59E-06	1.53E-03	1.49E-02
1.40E-03	2.59E-06	1.50E-06	1.40E-03	1.37E-02
1.29E-03	2.58E-06	1.42E-06	1.29E-03	1.26E-02

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
595454.00	4173023.00	1.19E-02	7.40E-04	2.27E-05	5.08E-06	1.34E-05	7.99E-07	1.27E-02	2.53E-03
595474.00	4173023.00	1.27E-02	7.70E-04	2.25E-05	5.03E-06	1.36E-05	8.19E-07	1.35E-02	2.70E-03
595494.00	4173023.00	1.34E-02	8.01E-04	2.22E-05	4.98E-06	1.36E-05	8.40E-07	1.42E-02	2.84E-03
595514.00	4173023.00	1.39E-02	8.32E-04	2.19E-05	4.91E-06	1.36E-05	8.60E-07	1.48E-02	2.95E-03
595534.00	4173023.00	1.43E-02	8.64E-04	2.15E-05	4.84E-06	1.35E-05	8.80E-07	1.52E-02	3.04E-03
595554.00	4173023.00	1.46E-02	8.96E-04	2.12E-05	4.77E-06	1.34E-05	9.01E-07	1.55E-02	3.10E-03
595574.00	4173023.00	1.47E-02	9.29E-04	2.08E-05	4.69E-06	1.32E-05	9.21E-07	1.57E-02	3.13E-03
595594.00	4173023.00	1.47E-02	9.63E-04	2.04E-05	4.61E-06	1.30E-05	9.44E-07	1.57E-02	3.15E-03
595294.00	4173043.00	4.99E-03	5.08E-04	1.92E-05	4.31E-06	9.15E-06	6.10E-07	5.53E-03	1.11E-03
595314.00	4173043.00	5.53E-03	5.31E-04	1.98E-05	4.44E-06	9.68E-06	6.29E-07	6.09E-03	1.22E-03
595334.00	4173043.00	6.14E-03	5.55E-04	2.03E-05	4.55E-06	1.02E-05	6.49E-07	6.74E-03	1.35E-03
595354.00	4173043.00	6.82E-03	5.79E-04	2.07E-05	4.63E-06	1.07E-05	6.68E-07	7.44E-03	1.49E-03
595374.00	4173043.00	7.56E-03	6.04E-04	2.10E-05	4.68E-06	1.12E-05	6.87E-07	8.20E-03	1.64E-03
595394.00	4173043.00	8.34E-03	6.29E-04	2.11E-05	4.72E-06	1.16E-05	7.07E-07	9.01E-03	1.80E-03
595414.00	4173043.00	9.13E-03	6.54E-04	2.11E-05	4.72E-06	1.19E-05	7.26E-07	9.82E-03	1.96E-03
595434.00	4173043.00	9.92E-03	6.80E-04	2.11E-05	4.71E-06	1.22E-05	7.45E-07	1.06E-02	2.13E-03
595454.00	4173043.00	1.07E-02	7.07E-04	2.10E-05	4.69E-06	1.24E-05	7.63E-07	1.14E-02	2.28E-03
595474.00	4173043.00	1.14E-02	7.34E-04	2.08E-05	4.66E-06	1.25E-05	7.82E-07	1.21E-02	2.43E-03
595494.00	4173043.00	1.20E-02	7.63E-04	2.06E-05	4.62E-06	1.26E-05	8.01E-07	1.28E-02	2.55E-03
595514.00	4173043.00	1.25E-02	7.91E-04	2.04E-05	4.57E-06	1.26E-05	8.20E-07	1.33E-02	2.66E-03
595534.00	4173043.00	1.28E-02	8.20E-04	2.01E-05	4.51E-06	1.25E-05	8.38E-07	1.37E-02	2.74E-03
595554.00	4173043.00	1.31E-02	8.50E-04	1.98E-05	4.45E-06	1.24E-05	8.57E-07	1.40E-02	2.80E-03
595574.00	4173043.00	1.33E-02	8.80E-04	1.95E-05	4.39E-06	1.23E-05	8.77E-07	1.42E-02	2.84E-03
595294.00	4173063.00	4.66E-03	4.92E-04	1.75E-05	3.93E-06	8.47E-06	5.89E-07	5.18E-03	1.04E-03
595314.00	4173063.00	5.14E-03	5.13E-04	1.81E-05	4.05E-06	8.95E-06	6.07E-07	5.69E-03	1.14E-03
595334.00	4173063.00	5.69E-03	5.36E-04	1.86E-05	4.16E-06	9.42E-06	6.24E-07	6.25E-03	1.25E-03
595354.00	4173063.00	6.28E-03	5.58E-04	1.90E-05	4.24E-06	9.87E-06	6.42E-07	6.87E-03	1.37E-03
595374.00	4173063.00	6.92E-03	5.81E-04	1.92E-05	4.30E-06	1.03E-05	6.60E-07	7.54E-03	1.51E-03
595394.00	4173063.00	7.59E-03	6.04E-04	1.94E-05	4.33E-06	1.07E-05	6.78E-07	8.23E-03	1.65E-03
595414.00	4173063.00	8.27E-03	6.27E-04	1.95E-05	4.35E-06	1.10E-05	6.95E-07	8.94E-03	1.79E-03
595434.00	4173063.00	8.96E-03	6.51E-04	1.95E-05	4.35E-06	1.12E-05	7.13E-07	9.65E-03	1.93E-03
595454.00	4173063.00	9.63E-03	6.76E-04	1.95E-05	4.34E-06	1.14E-05	7.31E-07	1.03E-02	2.07E-03
595474.00	4173063.00	1.02E-02	7.02E-04	1.94E-05	4.33E-06	1.16E-05	7.48E-07	1.10E-02	2.20E-03
595494.00	4173063.00	1.08E-02	7.28E-04	1.92E-05	4.30E-06	1.17E-05	7.66E-07	1.16E-02	2.31E-03
595514.00	4173063.00	1.12E-02	7.54E-04	1.90E-05	4.26E-06	1.17E-05	7.83E-07	1.20E-02	2.41E-03
595534.00	4173063.00	1.16E-02	7.80E-04	1.88E-05	4.21E-06	1.16E-05	8.00E-07	1.24E-02	2.48E-03
595554.00	4173063.00	1.19E-02	8.08E-04	1.86E-05	4.17E-06	1.16E-05	8.17E-07	1.27E-02	2.54E-03
595574.00	4173063.00	1.20E-02	8.35E-04	1.83E-05	4.12E-06	1.15E-05	8.35E-07	1.29E-02	2.58E-03
595354.00	4173083.00	5.80E-03	5.38E-04	1.74E-05	3.90E-06	9.12E-06	6.18E-07	6.37E-03	1.27E-03
595374.00	4173083.00	6.35E-03	5.59E-04	1.77E-05	3.95E-06	9.49E-06	6.34E-07	6.94E-03	1.39E-03
595394.00	4173083.00	6.93E-03	5.79E-04	1.79E-05	3.99E-06	9.82E-06	6.50E-07	7.55E-03	1.51E-03
595414.00	4173083.00	7.54E-03	6.01E-04	1.80E-05	4.01E-06	1.01E-05	6.66E-07	8.17E-03	1.63E-03
595434.00	4173083.00	8.14E-03	6.24E-04	1.81E-05	4.03E-06	1.04E-05	6.83E-07	8.80E-03	1.76E-03
595454.00	4173083.00	8.74E-03	6.47E-04	1.81E-05	4.03E-06	1.06E-05	7.00E-07	9.42E-03	1.88E-03
595474.00	4173083.00	9.30E-03	6.72E-04	1.81E-05	4.03E-06	1.07E-05	7.17E-07	1.00E-02	2.00E-03
595494.00	4173083.00	9.81E-03	6.97E-04	1.80E-05	4.02E-06	1.08E-05	7.35E-07	1.05E-02	2.11E-03
595514.00	4173083.00	1.02E-02	7.21E-04	1.79E-05	3.99E-06	1.09E-05	7.51E-07	1.10E-02	2.20E-03

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
1.20E-03	2.56E-06	1.35E-06	1.20E-03	1.17E-02
1.12E-03	2.53E-06	1.29E-06	1.13E-03	1.10E-02
1.06E-03	2.51E-06	1.24E-06	1.07E-03	1.04E-02
1.01E-03	2.47E-06	1.20E-06	1.01E-03	9.89E-03
9.63E-04	2.44E-06	1.16E-06	9.66E-04	9.44E-03
9.22E-04	2.40E-06	1.11E-06	9.25E-04	9.04E-03
8.84E-04	2.36E-06	1.07E-06	8.87E-04	8.66E-03
8.50E-04	2.32E-06	1.03E-06	8.53E-04	8.33E-03
1.83E-03	2.17E-06	1.79E-06	1.83E-03	1.79E-02
1.75E-03	2.23E-06	1.72E-06	1.75E-03	1.71E-02
1.64E-03	2.29E-06	1.64E-06	1.65E-03	1.61E-02
1.53E-03	2.33E-06	1.56E-06	1.53E-03	1.50E-02
1.42E-03	2.36E-06	1.49E-06	1.42E-03	1.39E-02
1.31E-03	2.37E-06	1.41E-06	1.32E-03	1.29E-02
1.22E-03	2.38E-06	1.34E-06	1.22E-03	1.19E-02
1.14E-03	2.37E-06	1.28E-06	1.14E-03	1.11E-02
1.07E-03	2.36E-06	1.22E-06	1.07E-03	1.05E-02
1.01E-03	2.34E-06	1.17E-06	1.01E-03	9.88E-03
9.58E-04	2.33E-06	1.13E-06	9.62E-04	9.39E-03
9.13E-04	2.30E-06	1.09E-06	9.16E-04	8.95E-03
8.73E-04	2.27E-06	1.05E-06	8.77E-04	8.56E-03
8.39E-04	2.24E-06	1.02E-06	8.42E-04	8.23E-03
8.08E-04	2.21E-06	9.84E-07	8.11E-04	7.92E-03
1.40E-03	1.98E-06	1.51E-06	1.41E-03	1.38E-02
1.38E-03	2.04E-06	1.47E-06	1.39E-03	1.36E-02
1.34E-03	2.09E-06	1.42E-06	1.34E-03	1.31E-02
1.27E-03	2.13E-06	1.37E-06	1.28E-03	1.25E-02
1.20E-03	2.16E-06	1.31E-06	1.21E-03	1.18E-02
1.13E-03	2.18E-06	1.26E-06	1.14E-03	1.11E-02
1.07E-03	2.19E-06	1.20E-06	1.07E-03	1.04E-02
1.01E-03	2.19E-06	1.15E-06	1.01E-03	9.86E-03
9.54E-04	2.19E-06	1.11E-06	9.57E-04	9.35E-03
9.07E-04	2.18E-06	1.07E-06	9.10E-04	8.89E-03
8.67E-04	2.16E-06	1.03E-06	8.70E-04	8.50E-03
8.29E-04	2.15E-06	1.00E-06	8.33E-04	8.13E-03
7.95E-04	2.12E-06	9.67E-07	7.98E-04	7.80E-03
7.66E-04	2.10E-06	9.37E-07	7.69E-04	7.51E-03
7.39E-04	2.07E-06	9.06E-07	7.42E-04	7.24E-03
1.07E-03	1.96E-06	1.20E-06	1.07E-03	1.05E-02
1.02E-03	1.99E-06	1.16E-06	1.03E-03	1.00E-02
9.79E-04	2.01E-06	1.12E-06	9.82E-04	9.59E-03
9.34E-04	2.02E-06	1.08E-06	9.37E-04	9.15E-03
8.92E-04	2.03E-06	1.04E-06	8.95E-04	8.74E-03
8.54E-04	2.03E-06	1.01E-06	8.57E-04	8.37E-03
8.19E-04	2.03E-06	9.77E-07	8.22E-04	8.02E-03
7.89E-04	2.02E-06	9.50E-07	7.92E-04	7.73E-03
7.58E-04	2.01E-06	9.21E-07	7.61E-04	7.43E-03

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
595534.00	4173083.00	1.05E-02	7.44E-04	1.76E-05	3.94E-06	1.08E-05	7.64E-07	1.13E-02	2.26E-03
595554.00	4173083.00	1.08E-02	7.69E-04	1.75E-05	3.91E-06	1.08E-05	7.81E-07	1.16E-02	2.32E-03
595574.00	4173083.00	1.10E-02	7.94E-04	1.72E-05	3.86E-06	1.07E-05	7.96E-07	1.18E-02	2.36E-03
595334.00	4173103.00	4.90E-03	4.99E-04	1.57E-05	3.51E-06	8.08E-06	5.79E-07	5.43E-03	1.09E-03
595354.00	4173103.00	5.37E-03	5.18E-04	1.61E-05	3.59E-06	8.44E-06	5.94E-07	5.91E-03	1.18E-03
595374.00	4173103.00	5.85E-03	5.37E-04	1.63E-05	3.65E-06	8.77E-06	6.09E-07	6.42E-03	1.28E-03
595394.00	4173103.00	6.36E-03	5.57E-04	1.65E-05	3.69E-06	9.08E-06	6.24E-07	6.95E-03	1.39E-03
595414.00	4173103.00	6.90E-03	5.77E-04	1.67E-05	3.72E-06	9.36E-06	6.39E-07	7.50E-03	1.50E-03
595434.00	4173103.00	7.43E-03	5.98E-04	1.68E-05	3.74E-06	9.60E-06	6.55E-07	8.06E-03	1.61E-03
595454.00	4173103.00	7.97E-03	6.20E-04	1.68E-05	3.75E-06	9.82E-06	6.72E-07	8.62E-03	1.72E-03
595474.00	4173103.00	8.48E-03	6.43E-04	1.69E-05	3.76E-06	9.98E-06	6.88E-07	9.15E-03	1.83E-03
595494.00	4173103.00	8.94E-03	6.67E-04	1.69E-05	3.76E-06	1.01E-05	7.05E-07	9.64E-03	1.93E-03
595514.00	4173103.00	9.28E-03	6.87E-04	1.67E-05	3.72E-06	1.01E-05	7.16E-07	9.99E-03	2.00E-03
595334.00	4173123.00	4.57E-03	4.82E-04	1.45E-05	3.25E-06	7.51E-06	5.57E-07	5.07E-03	1.01E-03
595354.00	4173123.00	4.98E-03	5.00E-04	1.49E-05	3.32E-06	7.83E-06	5.71E-07	5.50E-03	1.10E-03
595374.00	4173123.00	5.41E-03	5.17E-04	1.51E-05	3.37E-06	8.13E-06	5.85E-07	5.95E-03	1.19E-03
595394.00	4173123.00	5.87E-03	5.36E-04	1.54E-05	3.42E-06	8.42E-06	6.00E-07	6.43E-03	1.29E-03
595414.00	4173123.00	6.34E-03	5.54E-04	1.55E-05	3.45E-06	8.69E-06	6.14E-07	6.92E-03	1.38E-03
595434.00	4173123.00	6.82E-03	5.74E-04	1.56E-05	3.48E-06	8.92E-06	6.29E-07	7.42E-03	1.48E-03
595454.00	4173123.00	7.30E-03	5.95E-04	1.57E-05	3.50E-06	9.13E-06	6.45E-07	7.93E-03	1.59E-03
595474.00	4173123.00	7.77E-03	6.17E-04	1.58E-05	3.52E-06	9.30E-06	6.61E-07	8.41E-03	1.68E-03
595494.00	4173123.00	8.17E-03	6.39E-04	1.58E-05	3.52E-06	9.41E-06	6.76E-07	8.84E-03	1.77E-03
595514.00	4173123.00	8.48E-03	6.57E-04	1.57E-05	3.49E-06	9.43E-06	6.86E-07	9.17E-03	1.83E-03
595354.00	4173143.00	4.63E-03	4.82E-04	1.38E-05	3.08E-06	7.29E-06	5.50E-07	5.14E-03	1.03E-03
595374.00	4173143.00	5.02E-03	4.99E-04	1.41E-05	3.14E-06	7.57E-06	5.64E-07	5.55E-03	1.11E-03
595394.00	4173143.00	5.44E-03	5.16E-04	1.43E-05	3.18E-06	7.84E-06	5.78E-07	5.98E-03	1.20E-03
595414.00	4173143.00	5.89E-03	5.36E-04	1.45E-05	3.24E-06	8.12E-06	5.94E-07	6.45E-03	1.29E-03
595434.00	4173143.00	6.31E-03	5.54E-04	1.47E-05	3.26E-06	8.34E-06	6.08E-07	6.89E-03	1.38E-03
595494.00	4173143.00	7.47E-03	6.10E-04	1.48E-05	3.29E-06	8.76E-06	6.46E-07	8.11E-03	1.62E-03
595354.00	4173163.00	4.34E-03	4.66E-04	1.29E-05	2.87E-06	6.82E-06	5.32E-07	4.83E-03	9.65E-04
595374.00	4173163.00	4.68E-03	4.82E-04	1.31E-05	2.92E-06	7.07E-06	5.44E-07	5.19E-03	1.04E-03
595394.00	4173163.00	5.05E-03	4.98E-04	1.34E-05	2.97E-06	7.32E-06	5.57E-07	5.57E-03	1.11E-03
595414.00	4173163.00	5.45E-03	5.16E-04	1.36E-05	3.02E-06	7.57E-06	5.71E-07	5.99E-03	1.20E-03
595434.00	4173163.00	5.82E-03	5.32E-04	1.37E-05	3.05E-06	7.78E-06	5.84E-07	6.38E-03	1.28E-03
595374.00	4173183.00	4.38E-03	4.65E-04	1.23E-05	2.74E-06	6.62E-06	5.25E-07	4.87E-03	9.73E-04
595394.00	4173183.00	4.71E-03	4.80E-04	1.25E-05	2.78E-06	6.85E-06	5.37E-07	5.21E-03	1.04E-03
595414.00	4173183.00	5.05E-03	4.96E-04	1.27E-05	2.82E-06	7.06E-06	5.49E-07	5.57E-03	1.11E-03
595434.00	4173183.00	5.39E-03	5.12E-04	1.28E-05	2.85E-06	7.26E-06	5.62E-07	5.93E-03	1.19E-03
595203.12	4172931.43	4.73E-03	4.99E-04	2.81E-05	6.51E-06	1.07E-05	6.42E-07	5.28E-03	1.06E-03
595305.29	4173022.49	5.69E-03	5.39E-04	2.15E-05	4.84E-06	1.03E-05	6.45E-07	6.27E-03	1.25E-03
596059.85	4172738.92	1.42E-02	2.49E-03	2.07E-05	4.74E-06	1.11E-05	1.95E-06	1.67E-02	3.34E-03
595782.40	4171913.24	2.78E-03	5.07E-03	8.97E-05	2.05E-05	5.73E-06	7.49E-06	7.97E-03	1.59E-03
595790.49	4171877.76	2.35E-03	3.65E-03	6.26E-05	1.43E-05	4.83E-06	5.47E-06	6.08E-03	1.22E-03
595826.59	4171700.37	1.20E-03	1.08E-03	1.68E-05	3.80E-06	2.48E-06	1.66E-06	2.30E-03	4.60E-04
595857.85	4171568.40	8.37E-04	5.84E-04	8.85E-06	2.00E-06	1.71E-06	9.15E-07	1.43E-03	2.87E-04
595427.66	4172811.08	6.63E-02	1.20E-03	6.48E-05	1.48E-05	4.09E-05	1.32E-06	6.76E-02	1.35E-02
595616.96	4172890.78	3.00E-02	1.51E-03	2.99E-05	6.82E-06	2.04E-05	1.41E-06	3.15E-02	6.31E-03

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
7.26E-04	1.98E-06	8.89E-07	7.29E-04	7.12E-03
7.02E-04	1.97E-06	8.64E-07	7.05E-04	6.89E-03
6.78E-04	1.94E-06	8.37E-07	6.81E-04	6.65E-03
9.14E-04	1.77E-06	1.08E-06	9.17E-04	8.96E-03
9.01E-04	1.81E-06	1.06E-06	9.04E-04	8.83E-03
8.77E-04	1.84E-06	1.03E-06	8.80E-04	8.60E-03
8.49E-04	1.86E-06	1.00E-06	8.52E-04	8.32E-03
8.20E-04	1.87E-06	9.71E-07	8.23E-04	8.04E-03
7.91E-04	1.88E-06	9.43E-07	7.94E-04	7.76E-03
7.65E-04	1.89E-06	9.18E-07	7.68E-04	7.50E-03
7.40E-04	1.89E-06	8.94E-07	7.43E-04	7.26E-03
7.17E-04	1.89E-06	8.72E-07	7.20E-04	7.03E-03
6.87E-04	1.87E-06	8.42E-07	6.89E-04	6.73E-03
7.71E-04	1.63E-06	9.50E-07	7.73E-04	7.55E-03
7.67E-04	1.67E-06	9.37E-07	7.70E-04	7.52E-03
7.56E-04	1.70E-06	9.19E-07	7.59E-04	7.41E-03
7.41E-04	1.72E-06	8.98E-07	7.43E-04	7.26E-03
7.23E-04	1.74E-06	8.77E-07	7.26E-04	7.09E-03
7.05E-04	1.75E-06	8.56E-07	7.08E-04	6.91E-03
6.88E-04	1.76E-06	8.38E-07	6.90E-04	6.74E-03
6.71E-04	1.77E-06	8.21E-07	6.73E-04	6.58E-03
6.52E-04	1.77E-06	8.01E-07	6.54E-04	6.39E-03
6.27E-04	1.76E-06	7.76E-07	6.30E-04	6.15E-03
6.61E-04	1.55E-06	8.34E-07	6.64E-04	6.48E-03
6.58E-04	1.58E-06	8.23E-07	6.61E-04	6.45E-03
6.52E-04	1.60E-06	8.10E-07	6.54E-04	6.39E-03
6.46E-04	1.63E-06	8.00E-07	6.48E-04	6.33E-03
6.34E-04	1.64E-06	7.84E-07	6.36E-04	6.21E-03
5.89E-04	1.65E-06	7.32E-07	5.91E-04	5.77E-03
5.78E-04	1.44E-06	7.50E-07	5.80E-04	5.66E-03
5.79E-04	1.47E-06	7.43E-07	5.81E-04	5.67E-03
5.76E-04	1.50E-06	7.33E-07	5.78E-04	5.65E-03
5.74E-04	1.52E-06	7.26E-07	5.76E-04	5.62E-03
5.66E-04	1.53E-06	7.13E-07	5.68E-04	5.55E-03
5.12E-04	1.38E-06	6.73E-07	5.14E-04	5.02E-03
5.13E-04	1.40E-06	6.67E-07	5.15E-04	5.03E-03
5.11E-04	1.42E-06	6.59E-07	5.13E-04	5.01E-03
5.07E-04	1.43E-06	6.51E-07	5.10E-04	4.98E-03
1.29E-02	3.28E-06	1.71E-05	1.29E-02	1.26E-01
2.36E-03	2.43E-06	2.08E-06	2.36E-03	2.31E-02
6.34E-04	2.39E-06	6.90E-07	6.37E-04	6.22E-03
1.18E-03	1.03E-05	1.05E-06	1.20E-03	1.17E-02
8.46E-04	7.20E-06	7.84E-07	8.54E-04	8.34E-03
2.09E-04	1.91E-06	2.64E-07	2.11E-04	2.06E-03
1.03E-04	1.01E-06	1.55E-07	1.05E-04	1.02E-03
3.35E-03	7.46E-06	5.36E-06	3.36E-03	3.28E-02
1.49E-03	3.43E-06	1.80E-06	1.50E-03	1.46E-02

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
595465.61	4172972.42	1.68E-02	8.56E-04	2.76E-05	6.23E-06	1.68E-05	9.13E-07	1.77E-02	3.54E-03
595413.93	4172953.11	1.52E-02	7.99E-04	3.16E-05	7.11E-06	1.80E-05	8.88E-07	1.61E-02	3.22E-03
595207.62	4172857.58	6.41E-03	5.78E-04	5.39E-05	1.24E-05	1.51E-05	7.45E-07	7.07E-03	1.41E-03
595229.35	4172793.73	1.08E-02	6.97E-04	2.08E-04	4.75E-05	2.52E-05	9.02E-07	1.18E-02	2.35E-03
595251.41	4172717.21	3.42E-02	8.83E-04	6.39E-04	1.46E-04	5.93E-05	1.15E-06	3.60E-02	7.19E-03
595276.16	4172654.64	1.08E-01	1.12E-03	6.32E-04	1.45E-04	2.48E-04	1.47E-06	1.10E-01	2.21E-02
595286.24	4171790.65	2.14E-03	2.51E-03	3.46E-05	7.88E-06	3.93E-06	3.36E-06	4.70E-03	9.40E-04
595306.24	4171790.65	2.10E-03	2.39E-03	3.44E-05	7.83E-06	3.89E-06	3.28E-06	4.54E-03	9.08E-04
595326.24	4171790.65	2.06E-03	2.28E-03	3.42E-05	7.76E-06	3.84E-06	3.21E-06	4.39E-03	8.78E-04
595266.24	4171810.65	2.32E-03	2.97E-03	3.89E-05	8.90E-06	4.22E-06	3.89E-06	5.34E-03	1.07E-03
595286.24	4171810.65	2.27E-03	2.82E-03	3.89E-05	8.89E-06	4.16E-06	3.78E-06	5.15E-03	1.03E-03
595306.24	4171810.65	2.23E-03	2.70E-03	3.91E-05	8.93E-06	4.13E-06	3.72E-06	4.99E-03	9.97E-04
595326.24	4171810.65	2.18E-03	2.57E-03	3.90E-05	8.88E-06	4.08E-06	3.62E-06	4.81E-03	9.62E-04
595246.24	4171830.65	2.51E-03	3.54E-03	4.34E-05	9.96E-06	4.53E-06	4.55E-06	6.11E-03	1.22E-03
595266.24	4171830.65	2.46E-03	3.37E-03	4.38E-05	1.00E-05	4.48E-06	4.43E-06	5.90E-03	1.18E-03
595286.24	4171830.65	2.41E-03	3.21E-03	4.41E-05	1.01E-05	4.43E-06	4.31E-06	5.69E-03	1.14E-03
595306.24	4171830.65	2.36E-03	3.07E-03	4.45E-05	1.02E-05	4.39E-06	4.23E-06	5.49E-03	1.10E-03
595326.24	4171830.65	2.31E-03	2.92E-03	4.47E-05	1.02E-05	4.34E-06	4.13E-06	5.30E-03	1.06E-03
595226.24	4171850.65	2.73E-03	4.23E-03	4.77E-05	1.10E-05	4.87E-06	5.34E-06	7.03E-03	1.41E-03
595246.24	4171850.65	2.68E-03	4.06E-03	4.88E-05	1.12E-05	4.84E-06	5.24E-06	6.81E-03	1.36E-03
595266.24	4171850.65	2.62E-03	3.88E-03	4.96E-05	1.14E-05	4.80E-06	5.12E-06	6.58E-03	1.32E-03
595286.24	4171850.65	2.57E-03	3.70E-03	5.03E-05	1.15E-05	4.74E-06	4.98E-06	6.34E-03	1.27E-03
595306.24	4171850.65	2.52E-03	3.51E-03	5.09E-05	1.16E-05	4.69E-06	4.86E-06	6.10E-03	1.22E-03
595326.24	4171850.65	2.46E-03	3.34E-03	5.14E-05	1.17E-05	4.63E-06	4.74E-06	5.87E-03	1.17E-03
595206.24	4171870.65	3.00E-03	5.06E-03	5.20E-05	1.20E-05	5.25E-06	6.30E-06	8.13E-03	1.63E-03
595226.24	4171870.65	2.93E-03	4.88E-03	5.34E-05	1.23E-05	5.22E-06	6.20E-06	7.89E-03	1.58E-03
595246.24	4171870.65	2.86E-03	4.69E-03	5.47E-05	1.26E-05	5.18E-06	6.07E-06	7.63E-03	1.53E-03
595266.24	4171870.65	2.80E-03	4.48E-03	5.59E-05	1.28E-05	5.12E-06	5.92E-06	7.36E-03	1.47E-03
595286.24	4171870.65	2.74E-03	4.27E-03	5.71E-05	1.31E-05	5.06E-06	5.78E-06	7.09E-03	1.42E-03
595306.24	4171870.65	2.68E-03	4.06E-03	5.82E-05	1.33E-05	5.01E-06	5.64E-06	6.82E-03	1.36E-03
595186.24	4171890.65	3.30E-03	5.98E-03	5.58E-05	1.29E-05	5.66E-06	7.34E-06	9.37E-03	1.87E-03
595206.24	4171890.65	3.22E-03	5.83E-03	5.76E-05	1.33E-05	5.63E-06	7.28E-06	9.13E-03	1.83E-03
595226.24	4171890.65	3.14E-03	5.64E-03	5.94E-05	1.37E-05	5.59E-06	7.18E-06	8.87E-03	1.77E-03
595246.24	4171890.65	3.07E-03	5.44E-03	6.13E-05	1.41E-05	5.55E-06	7.07E-06	8.59E-03	1.72E-03
595266.24	4171890.65	3.00E-03	5.21E-03	6.31E-05	1.45E-05	5.49E-06	6.92E-06	8.30E-03	1.66E-03
595286.24	4171890.65	2.93E-03	4.97E-03	6.49E-05	1.49E-05	5.43E-06	6.77E-06	8.00E-03	1.60E-03
595306.24	4171890.65	2.87E-03	4.73E-03	6.66E-05	1.53E-05	5.37E-06	6.60E-06	7.69E-03	1.54E-03
595186.24	4171910.65	3.56E-03	6.87E-03	6.12E-05	1.42E-05	6.07E-06	8.43E-06	1.05E-02	2.10E-03
595206.24	4171910.65	3.47E-03	6.72E-03	6.35E-05	1.47E-05	6.04E-06	8.41E-06	1.03E-02	2.06E-03
595226.24	4171910.65	3.38E-03	6.55E-03	6.61E-05	1.53E-05	6.00E-06	8.36E-06	1.00E-02	2.00E-03
595246.24	4171910.65	3.30E-03	6.34E-03	6.87E-05	1.59E-05	5.96E-06	8.27E-06	9.74E-03	1.95E-03
595266.24	4171910.65	3.22E-03	6.10E-03	7.13E-05	1.64E-05	5.91E-06	8.15E-06	9.43E-03	1.89E-03
595286.24	4171910.65	3.14E-03	5.83E-03	7.37E-05	1.70E-05	5.83E-06	7.98E-06	9.08E-03	1.82E-03
595306.24	4171910.65	3.07E-03	5.56E-03	7.64E-05	1.76E-05	5.77E-06	7.81E-06	8.74E-03	1.75E-03
595166.24	4171930.65	3.98E-03	7.94E-03	6.38E-05	1.48E-05	6.56E-06	9.55E-06	1.20E-02	2.40E-03
595186.24	4171930.65	3.86E-03	7.88E-03	6.68E-05	1.55E-05	6.53E-06	9.67E-06	1.18E-02	2.37E-03
595206.24	4171930.65	3.75E-03	7.78E-03	7.00E-05	1.62E-05	6.51E-06	9.74E-06	1.16E-02	2.33E-03

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
1.52E-03	3.13E-06	1.71E-06	1.53E-03	1.49E-02
2.20E-03	3.58E-06	2.23E-06	2.20E-03	2.15E-02
1.00E-02	6.26E-06	4.00E-05	1.01E-02	9.82E-02
1.03E-02	2.39E-05	3.81E-05	1.04E-02	1.01E-01
1.09E-02	7.36E-05	3.44E-05	1.10E-02	1.08E-01
1.30E-02	7.28E-05	5.96E-06	1.31E-02	1.28E-01
4.57E-04	3.97E-06	5.02E-07	4.61E-04	4.50E-03
4.38E-04	3.94E-06	4.91E-07	4.42E-04	4.32E-03
4.19E-04	3.91E-06	4.81E-07	4.23E-04	4.13E-03
5.46E-04	4.48E-06	5.73E-07	5.51E-04	5.38E-03
5.25E-04	4.47E-06	5.59E-07	5.30E-04	5.18E-03
5.07E-04	4.49E-06	5.51E-07	5.12E-04	5.00E-03
4.85E-04	4.47E-06	5.38E-07	4.90E-04	4.78E-03
6.48E-04	5.01E-06	6.57E-07	6.53E-04	6.38E-03
6.30E-04	5.05E-06	6.44E-07	6.36E-04	6.21E-03
6.11E-04	5.08E-06	6.30E-07	6.17E-04	6.02E-03
5.91E-04	5.12E-06	6.19E-07	5.96E-04	5.82E-03
5.67E-04	5.13E-06	6.06E-07	5.73E-04	5.59E-03
7.58E-04	5.53E-06	7.54E-07	7.64E-04	7.46E-03
7.49E-04	5.64E-06	7.46E-07	7.56E-04	7.38E-03
7.35E-04	5.73E-06	7.33E-07	7.41E-04	7.24E-03
7.16E-04	5.80E-06	7.19E-07	7.23E-04	7.06E-03
6.94E-04	5.86E-06	7.04E-07	7.01E-04	6.84E-03
6.69E-04	5.91E-06	6.88E-07	6.75E-04	6.60E-03
8.70E-04	6.05E-06	8.67E-07	8.77E-04	8.56E-03
8.71E-04	6.20E-06	8.60E-07	8.78E-04	8.57E-03
8.66E-04	6.34E-06	8.51E-07	8.74E-04	8.53E-03
8.56E-04	6.46E-06	8.37E-07	8.63E-04	8.43E-03
8.41E-04	6.59E-06	8.22E-07	8.48E-04	8.28E-03
8.21E-04	6.71E-06	8.06E-07	8.28E-04	8.09E-03
9.71E-04	6.50E-06	9.87E-07	9.79E-04	9.56E-03
9.86E-04	6.71E-06	9.86E-07	9.94E-04	9.70E-03
9.96E-04	6.91E-06	9.81E-07	1.00E-03	9.80E-03
1.00E-03	7.11E-06	9.74E-07	1.01E-03	9.85E-03
9.99E-04	7.31E-06	9.63E-07	1.01E-03	9.83E-03
9.91E-04	7.51E-06	9.49E-07	9.99E-04	9.76E-03
9.76E-04	7.70E-06	9.32E-07	9.84E-04	9.61E-03
1.08E-03	7.13E-06	1.11E-06	1.09E-03	1.06E-02
1.11E-03	7.40E-06	1.12E-06	1.12E-03	1.09E-02
1.13E-03	7.69E-06	1.12E-06	1.14E-03	1.11E-02
1.15E-03	7.98E-06	1.12E-06	1.16E-03	1.13E-02
1.16E-03	8.27E-06	1.12E-06	1.17E-03	1.15E-02
1.17E-03	8.55E-06	1.10E-06	1.18E-03	1.15E-02
1.16E-03	8.85E-06	1.09E-06	1.17E-03	1.15E-02
1.15E-03	7.44E-06	1.23E-06	1.16E-03	1.13E-02
1.19E-03	7.79E-06	1.25E-06	1.20E-03	1.17E-02
1.24E-03	8.16E-06	1.27E-06	1.25E-03	1.22E-02

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI	Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling			GLC Concentration (ug/m^3)				
595226.24	4171930.65	3.65E-03	7.61E-03	7.32E-05	1.70E-05	6.46E-06	9.75E-06	1.14E-02	2.27E-03	1.28E-03	8.53E-06	1.28E-06	1.29E-03	1.26E-02
595246.24	4171930.65	3.56E-03	7.43E-03	7.69E-05	1.78E-05	6.43E-06	9.73E-06	1.11E-02	2.22E-03	1.32E-03	8.94E-06	1.29E-06	1.33E-03	1.30E-02
595266.24	4171930.65	3.47E-03	7.18E-03	8.04E-05	1.86E-05	6.37E-06	9.63E-06	1.08E-02	2.15E-03	1.35E-03	9.34E-06	1.30E-06	1.36E-03	1.33E-02
595286.24	4171930.65	3.38E-03	6.90E-03	8.40E-05	1.94E-05	6.29E-06	9.49E-06	1.04E-02	2.08E-03	1.37E-03	9.75E-06	1.29E-06	1.38E-03	1.35E-02
595166.24	4171950.65	4.33E-03	9.02E-03	6.88E-05	1.60E-05	7.10E-06	1.08E-05	1.35E-02	2.69E-03	1.24E-03	8.03E-06	1.37E-06	1.25E-03	1.22E-02
595186.24	4171950.65	4.20E-03	9.03E-03	7.26E-05	1.68E-05	7.06E-06	1.10E-05	1.33E-02	2.67E-03	1.30E-03	8.46E-06	1.40E-06	1.31E-03	1.28E-02
595206.24	4171950.65	4.07E-03	8.98E-03	7.66E-05	1.78E-05	7.03E-06	1.12E-05	1.32E-02	2.63E-03	1.36E-03	8.93E-06	1.43E-06	1.37E-03	1.34E-02
595226.24	4171950.65	3.95E-03	8.86E-03	8.08E-05	1.87E-05	6.97E-06	1.13E-05	1.29E-02	2.59E-03	1.43E-03	9.41E-06	1.46E-06	1.44E-03	1.40E-02
595246.24	4171950.65	3.85E-03	8.71E-03	8.57E-05	1.98E-05	6.94E-06	1.14E-05	1.27E-02	2.54E-03	1.49E-03	9.98E-06	1.49E-06	1.50E-03	1.47E-02
595266.24	4171950.65	3.75E-03	8.48E-03	9.06E-05	2.09E-05	6.88E-06	1.14E-05	1.24E-02	2.47E-03	1.55E-03	1.05E-05	1.51E-06	1.56E-03	1.53E-02
595286.24	4171950.65	3.66E-03	8.21E-03	9.59E-05	2.21E-05	6.82E-06	1.14E-05	1.20E-02	2.40E-03	1.61E-03	1.11E-05	1.52E-06	1.62E-03	1.58E-02
595146.24	4171970.65	4.90E-03	1.00E-02	6.94E-05	1.61E-05	7.73E-06	1.16E-05	1.50E-02	3.00E-03	1.25E-03	8.10E-06	1.45E-06	1.26E-03	1.23E-02
595166.24	4171970.65	4.73E-03	1.02E-02	7.35E-05	1.71E-05	7.67E-06	1.21E-05	1.50E-02	3.00E-03	1.32E-03	8.58E-06	1.50E-06	1.33E-03	1.30E-02
595186.24	4171970.65	4.58E-03	1.03E-02	7.82E-05	1.81E-05	7.64E-06	1.25E-05	1.50E-02	3.00E-03	1.40E-03	9.12E-06	1.55E-06	1.41E-03	1.37E-02
595206.24	4171970.65	4.43E-03	1.03E-02	8.34E-05	1.93E-05	7.61E-06	1.29E-05	1.49E-02	2.98E-03	1.48E-03	9.71E-06	1.61E-06	1.49E-03	1.46E-02
595226.24	4171970.65	4.30E-03	1.03E-02	8.89E-05	2.06E-05	7.56E-06	1.32E-05	1.47E-02	2.95E-03	1.57E-03	1.04E-05	1.66E-06	1.58E-03	1.54E-02
595246.24	4171970.65	4.18E-03	1.02E-02	9.55E-05	2.21E-05	7.54E-06	1.34E-05	1.46E-02	2.91E-03	1.67E-03	1.11E-05	1.71E-06	1.68E-03	1.64E-02
595266.24	4171970.65	4.07E-03	1.01E-02	1.02E-04	2.36E-05	7.48E-06	1.36E-05	1.43E-02	2.86E-03	1.76E-03	1.19E-05	1.75E-06	1.78E-03	1.73E-02
595146.24	4171990.65	5.40E-03	1.11E-02	7.35E-05	1.70E-05	8.43E-06	1.27E-05	1.66E-02	3.33E-03	1.30E-03	8.57E-06	1.57E-06	1.31E-03	1.28E-02
595166.24	4171990.65	5.20E-03	1.14E-02	7.84E-05	1.82E-05	8.36E-06	1.34E-05	1.68E-02	3.35E-03	1.39E-03	9.14E-06	1.64E-06	1.40E-03	1.36E-02
595186.24	4171990.65	5.02E-03	1.17E-02	8.40E-05	1.94E-05	8.32E-06	1.41E-05	1.68E-02	3.37E-03	1.48E-03	9.78E-06	1.71E-06	1.49E-03	1.46E-02
595206.24	4171990.65	4.85E-03	1.19E-02	9.01E-05	2.09E-05	8.28E-06	1.47E-05	1.69E-02	3.37E-03	1.58E-03	1.05E-05	1.79E-06	1.59E-03	1.56E-02
595852.66	4171825.33	2.06E-03	2.80E-03	4.02E-05	9.18E-06	4.10E-06	3.91E-06	4.92E-03	9.83E-04	5.71E-04	4.62E-06	5.74E-07	5.76E-04	5.62E-03
595852.66	4171845.33	2.26E-03	3.28E-03	4.67E-05	1.07E-05	4.47E-06	4.53E-06	5.61E-03	1.12E-03	6.66E-04	5.37E-06	6.58E-07	6.72E-04	6.56E-03
595852.66	4171865.33	2.50E-03	3.86E-03	5.44E-05	1.24E-05	4.88E-06	5.26E-06	6.43E-03	1.29E-03	7.76E-04	6.26E-06	7.56E-07	7.83E-04	7.65E-03
595872.66	4171865.33	2.59E-03	4.01E-03	5.34E-05	1.22E-05	4.97E-06	5.32E-06	6.68E-03	1.34E-03	7.72E-04	6.15E-06	7.63E-07	7.79E-04	7.61E-03
595892.66	4171865.33	2.69E-03	4.15E-03	5.22E-05	1.20E-05	5.06E-06	5.34E-06	6.92E-03	1.38E-03	7.64E-04	6.02E-06	7.67E-07	7.71E-04	7.53E-03
595832.66	4171885.33	2.66E-03	4.39E-03	6.50E-05	1.49E-05	5.25E-06	6.09E-06	7.15E-03	1.43E-03	9.11E-04	7.48E-06	8.65E-07	9.19E-04	8.98E-03
595852.66	4171885.33	2.77E-03	4.57E-03	6.33E-05	1.45E-05	5.35E-06	6.13E-06	7.43E-03	1.49E-03	9.01E-04	7.30E-06	8.71E-07	9.09E-04	8.88E-03
595872.66	4171885.33	2.88E-03	4.72E-03	6.15E-05	1.41E-05	5.45E-06	6.15E-06	7.69E-03	1.54E-03	8.86E-04	7.08E-06	8.74E-07	8.94E-04	8.73E-03
595892.66	4171885.33	2.99E-03	4.84E-03	5.95E-05	1.36E-05	5.54E-06	6.13E-06	7.92E-03	1.58E-03	8.68E-04	6.85E-06	8.72E-07	8.76E-04	8.55E-03
595832.66	4171905.33	2.96E-03	5.23E-03	7.65E-05	1.75E-05	5.77E-06	7.13E-06	8.30E-03	1.66E-03	1.06E-03	8.81E-06	1.00E-06	1.07E-03	1.05E-02
595852.66	4171905.33	3.08E-03	5.43E-03	7.35E-05	1.68E-05	5.89E-06	7.14E-06	8.61E-03	1.72E-03	1.04E-03	8.47E-06	1.00E-06	1.05E-03	1.02E-02
595872.66	4171905.33	3.21E-03	5.57E-03	7.04E-05	1.61E-05	6.00E-06	7.09E-06	8.88E-03	1.78E-03	1.01E-03	8.12E-06	9.98E-07	1.02E-03	9.95E-03
595892.66	4171905.33	3.33E-03	5.65E-03	6.73E-05	1.54E-05	6.08E-06	7.01E-06	9.08E-03	1.82E-03	9.78E-04	7.76E-06	9.87E-07	9.87E-04	9.64E-03
595912.66	4171905.33	3.43E-03	5.70E-03	6.42E-05	1.47E-05	6.14E-06	6.89E-06	9.22E-03	1.84E-03	9.46E-04	7.41E-06	9.73E-07	9.54E-04	9.32E-03
595832.66	4171925.33	3.29E-03	6.23E-03	8.97E-05	2.05E-05	6.34E-06	8.33E-06	9.64E-03	1.93E-03	1.23E-03	1.03E-05	1.16E-06	1.24E-03	1.21E-02
595852.66	4171925.33	3.43E-03	6.39E-03	8.48E-05	1.94E-05	6.46E-06	8.26E-06	9.94E-03	1.99E-03	1.18E-03	9.77E-06	1.15E-06	1.19E-03	1.17E-02
595872.66	4171925.33	3.57E-03	6.50E-03	8.01E-05	1.83E-05	6.56E-06	8.12E-06	1.02E-02	2.04E-03	1.14E-03	9.23E-06	1.13E-06	1.15E-03	1.12E-02
595892.66	4171925.33	3.70E-03	6.56E-03	7.55E-05	1.73E-05	6.66E-06	7.95E-06	1.04E-02	2.07E-03	1.09E-03	8.71E-06	1.11E-06	1.10E-03	1.08E-02
595912.66	4171925.33	3.83E-03	6.58E-03	7.12E-05	1.63E-05	6.75E-06	7.75E-06	1.05E-02	2.10E-03	1.05E-03	8.21E-06	1.09E-06	1.06E-03	1.03E-02
595852.66	4171945.33	3.84E-03	7.58E-03	9.69E-05	2.22E-05	7.15E-06	9.51E-06	1.16E-02	2.31E-03	1.34E-03	1.12E-05	1.31E-06	1.35E-03	1.32E-02
595872.66	4171945.33	3.98E-03	7.60E-03	9.01E-05	2.06E-05	7.22E-06	9.26E-06	1.17E-02	2.34E-03	1.27E-03	1.04E-05	1.28E-06	1.28E-03	1.25E-02
595892.66	4171945.33	4.11E-03	7.58E-03	8.40E-05	1.92E-05	7.30E-06	8.98E-06	1.18E-02	2.36E-03	1.21E-03	9.68E-06	1.24E-06	1.22E-03	1.19E-02
595912.66	4171945.33	4.24E-03	7.53E-03	7.84E-05	1.80E-05	7.37E-06	8.67E-06	1.19E-02	2.38E-03	1.15E-03	9.04E-06	1.21E-06	1.16E-03	1.13E-02
595932.66	4171945.33	4.37E-03	7.43E-03	7.32E-05	1.68E-05	7.44E-06	8.34E-06	1.19E-02	2.38E-03	1.09E-03	8.44E-06	1.17E-06	1.10E-03	1.07E-02
595102.43	4172101.44	1.10E-02	1.25E-02	7.86E-05	1.81E-05	1.61E-05	1.12E-05	2.36E-02	4.72E-03	1.27E-03	9.13E-06	2.02E-06	1.29E-03	1.26E-02

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling		
595122.43	4172101.44	1.06E-02	1.37E-02	8.50E-05	1.96E-05	1.57E-05	1.26E-05	2.45E-02	4.90E-03
595142.43	4172101.44	1.03E-02	1.52E-02	9.27E-05	2.14E-05	1.53E-05	1.43E-05	2.56E-02	5.12E-03
595102.43	4172121.44	1.25E-02	1.20E-02	8.09E-05	1.86E-05	1.84E-05	1.03E-05	2.47E-02	4.93E-03
595122.43	4172121.44	1.21E-02	1.34E-02	8.76E-05	2.02E-05	1.79E-05	1.16E-05	2.56E-02	5.12E-03
595142.43	4172121.44	1.17E-02	1.49E-02	9.59E-05	2.21E-05	1.75E-05	1.33E-05	2.68E-02	5.36E-03
595082.43	4172141.44	1.46E-02	1.02E-02	7.70E-05	1.77E-05	2.18E-05	8.18E-06	2.49E-02	4.98E-03
595102.43	4172141.44	1.42E-02	1.13E-02	8.32E-05	1.92E-05	2.12E-05	9.20E-06	2.57E-02	5.14E-03
595122.43	4172141.44	1.39E-02	1.27E-02	9.06E-05	2.08E-05	2.07E-05	1.04E-05	2.67E-02	5.34E-03
595142.43	4172141.44	1.34E-02	1.43E-02	9.94E-05	2.29E-05	2.02E-05	1.19E-05	2.79E-02	5.57E-03
595082.43	4172161.44	1.66E-02	9.34E-03	7.91E-05	1.82E-05	2.53E-05	7.15E-06	2.61E-02	5.21E-03
595102.43	4172161.44	1.63E-02	1.04E-02	8.60E-05	1.98E-05	2.48E-05	8.05E-06	2.69E-02	5.38E-03
595122.43	4172161.44	1.59E-02	1.17E-02	9.37E-05	2.15E-05	2.41E-05	9.09E-06	2.78E-02	5.56E-03
595142.43	4172161.44	1.55E-02	1.32E-02	1.03E-04	2.37E-05	2.35E-05	1.04E-05	2.89E-02	5.78E-03
595082.43	4172181.44	1.89E-02	8.33E-03	8.13E-05	1.87E-05	2.97E-05	6.12E-06	2.73E-02	5.47E-03
595102.43	4172181.44	1.87E-02	9.31E-03	8.85E-05	2.03E-05	2.92E-05	6.84E-06	2.81E-02	5.63E-03
595122.43	4172181.44	1.84E-02	1.05E-02	9.69E-05	2.23E-05	2.85E-05	7.71E-06	2.90E-02	5.80E-03
595142.43	4172181.44	1.80E-02	1.18E-02	1.07E-04	2.46E-05	2.78E-05	8.76E-06	3.00E-02	6.00E-03
595062.43	4172201.44	2.14E-02	6.53E-03	7.69E-05	1.77E-05	3.51E-05	4.66E-06	2.80E-02	5.61E-03
595082.43	4172201.44	2.14E-02	7.24E-03	8.34E-05	1.92E-05	3.49E-05	5.15E-06	2.88E-02	5.76E-03
595102.43	4172201.44	2.14E-02	8.08E-03	9.11E-05	2.09E-05	3.45E-05	5.73E-06	2.96E-02	5.92E-03
595122.43	4172201.44	2.12E-02	9.07E-03	1.00E-04	2.30E-05	3.39E-05	6.41E-06	3.04E-02	6.08E-03
595142.43	4172201.44	2.09E-02	1.02E-02	1.11E-04	2.54E-05	3.32E-05	7.22E-06	3.13E-02	6.26E-03
595162.43	4172201.44	2.05E-02	1.17E-02	1.24E-04	2.85E-05	3.24E-05	8.21E-06	3.23E-02	6.46E-03
595062.43	4172221.44	2.39E-02	5.57E-03	7.87E-05	1.81E-05	4.09E-05	3.93E-06	2.96E-02	5.93E-03
595082.43	4172221.44	2.42E-02	6.15E-03	8.56E-05	1.97E-05	4.11E-05	4.31E-06	3.05E-02	6.10E-03
595102.43	4172221.44	2.44E-02	6.84E-03	9.39E-05	2.16E-05	4.11E-05	4.77E-06	3.14E-02	6.28E-03
595122.43	4172221.44	2.44E-02	7.62E-03	1.03E-04	2.37E-05	4.07E-05	5.27E-06	3.22E-02	6.44E-03
595142.43	4172221.44	2.43E-02	8.57E-03	1.15E-04	2.63E-05	4.01E-05	5.88E-06	3.30E-02	6.61E-03
595162.43	4172221.44	2.40E-02	9.70E-03	1.29E-04	2.96E-05	3.92E-05	6.61E-06	3.39E-02	6.78E-03
595062.43	4172241.44	2.66E-02	4.67E-03	8.08E-05	1.86E-05	4.74E-05	3.33E-06	3.15E-02	6.29E-03
595082.43	4172241.44	2.72E-02	5.12E-03	8.82E-05	2.02E-05	4.83E-05	3.63E-06	3.25E-02	6.50E-03
595102.43	4172241.44	2.77E-02	5.65E-03	9.67E-05	2.22E-05	4.88E-05	3.97E-06	3.35E-02	6.70E-03
595122.43	4172241.44	2.80E-02	6.25E-03	1.07E-04	2.45E-05	4.90E-05	4.37E-06	3.44E-02	6.88E-03
595142.43	4172241.44	2.82E-02	6.99E-03	1.20E-04	2.74E-05	4.89E-05	4.85E-06	3.54E-02	7.08E-03
595162.43	4172241.44	2.82E-02	7.87E-03	1.36E-04	3.11E-05	4.85E-05	5.42E-06	3.63E-02	7.26E-03
595062.43	4172261.44	2.94E-02	3.86E-03	8.31E-05	1.91E-05	5.46E-05	2.86E-06	3.35E-02	6.69E-03
595082.43	4172261.44	3.04E-02	4.21E-03	9.11E-05	2.09E-05	5.65E-05	3.12E-06	3.48E-02	6.95E-03
595102.43	4172261.44	3.11E-02	4.58E-03	9.96E-05	2.29E-05	5.78E-05	3.36E-06	3.59E-02	7.18E-03
595122.43	4172261.44	3.19E-02	5.03E-03	1.11E-04	2.54E-05	5.89E-05	3.68E-06	3.71E-02	7.42E-03
595142.43	4172261.44	3.25E-02	5.58E-03	1.25E-04	2.86E-05	5.99E-05	4.07E-06	3.83E-02	7.67E-03
595042.43	4172281.44	3.09E-02	2.94E-03	7.83E-05	1.80E-05	5.89E-05	2.32E-06	3.40E-02	6.79E-03
595062.43	4172281.44	3.22E-02	3.16E-03	8.54E-05	1.96E-05	6.20E-05	2.50E-06	3.55E-02	7.11E-03
595082.43	4172281.44	3.35E-02	3.42E-03	9.39E-05	2.15E-05	6.51E-05	2.71E-06	3.71E-02	7.42E-03
595102.43	4172281.44	3.47E-02	3.68E-03	1.03E-04	2.36E-05	6.75E-05	2.91E-06	3.85E-02	7.71E-03
595122.43	4172281.44	3.60E-02	4.03E-03	1.16E-04	2.65E-05	7.06E-05	3.20E-06	4.03E-02	8.05E-03
595142.43	4172281.44	3.72E-02	4.40E-03	1.30E-04	2.99E-05	7.30E-05	3.51E-06	4.18E-02	8.37E-03
595162.43	4172281.44	3.82E-02	4.81E-03	1.49E-04	3.41E-05	7.47E-05	3.86E-06	4.33E-02	8.66E-03

Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
GLC Concentration (ug/m^3)				
1.35E-03	9.87E-06	2.12E-06	1.36E-03	1.33E-02
1.43E-03	1.07E-05	2.22E-06	1.44E-03	1.41E-02
1.29E-03	9.38E-06	2.16E-06	1.30E-03	1.27E-02
1.37E-03	1.02E-05	2.28E-06	1.38E-03	1.35E-02
1.45E-03	1.11E-05	2.40E-06	1.47E-03	1.43E-02
1.23E-03	8.93E-06	2.16E-06	1.24E-03	1.21E-02
1.31E-03	9.64E-06	2.31E-06	1.32E-03	1.29E-02
1.40E-03	1.05E-05	2.46E-06	1.41E-03	1.38E-02
1.49E-03	1.15E-05	2.61E-06	1.50E-03	1.47E-02
1.24E-03	9.17E-06	2.26E-06	1.25E-03	1.22E-02
1.33E-03	9.96E-06	2.45E-06	1.34E-03	1.31E-02
1.42E-03	1.08E-05	2.65E-06	1.44E-03	1.40E-02
1.53E-03	1.19E-05	2.85E-06	1.54E-03	1.51E-02
1.23E-03	9.41E-06	2.32E-06	1.24E-03	1.21E-02
1.33E-03	1.02E-05	2.56E-06	1.35E-03	1.31E-02
1.44E-03	1.12E-05	2.81E-06	1.46E-03	1.42E-02
1.57E-03	1.24E-05	3.09E-06	1.58E-03	1.54E-02
1.11E-03	8.90E-06	2.09E-06	1.12E-03	1.10E-02
1.21E-03	9.65E-06	2.33E-06	1.22E-03	1.19E-02
1.32E-03	1.05E-05	2.61E-06	1.33E-03	1.30E-02
1.45E-03	1.16E-05	2.92E-06	1.46E-03	1.43E-02
1.59E-03	1.28E-05	3.27E-06	1.60E-03	1.56E-02
1.74E-03	1.43E-05	3.66E-06	1.76E-03	1.72E-02
1.07E-03	9.10E-06	2.02E-06	1.08E-03	1.06E-02
1.17E-03	9.90E-06	2.28E-06	1.18E-03	1.16E-02
1.29E-03	1.08E-05	2.59E-06	1.30E-03	1.27E-02
1.42E-03	1.19E-05	2.94E-06	1.44E-03	1.40E-02
1.58E-03	1.32E-05	3.36E-06	1.59E-03	1.55E-02
1.75E-03	1.49E-05	3.85E-06	1.77E-03	1.73E-02
1.02E-03	9.34E-06	1.91E-06	1.03E-03	1.00E-02
1.12E-03	1.02E-05	2.17E-06	1.13E-03	1.10E-02
1.23E-03	1.12E-05	2.48E-06	1.25E-03	1.22E-02
1.37E-03	1.23E-05	2.85E-06	1.38E-03	1.35E-02
1.53E-03	1.38E-05	3.33E-06	1.55E-03	1.51E-02
1.73E-03	1.57E-05	3.90E-06	1.75E-03	1.70E-02
9.52E-04	9.60E-06	1.75E-06	9.63E-04	9.41E-03
1.05E-03	1.05E-05	2.00E-06	1.06E-03	1.03E-02
1.15E-03	1.15E-05	2.28E-06	1.17E-03	1.14E-02
1.28E-03	1.28E-05	2.65E-06	1.30E-03	1.27E-02
1.45E-03	1.44E-05	3.13E-06	1.47E-03	1.43E-02
8.09E-04	9.04E-06	1.39E-06	8.19E-04	8.00E-03
8.78E-04	9.87E-06	1.57E-06	8.89E-04	8.69E-03
9.61E-04	1.08E-05	1.78E-06	9.74E-04	9.51E-03
1.05E-03	1.19E-05	2.03E-06	1.07E-03	1.04E-02
1.18E-03	1.33E-05	2.38E-06	1.20E-03	1.17E-02
1.33E-03	1.50E-05	2.81E-06	1.34E-03	1.31E-02
1.51E-03	1.72E-05	3.36E-06	1.53E-03	1.49E-02

Receptor		GLC Concentration (ug/m^3)						Phase 1 Total Concentration (ug/m^3)	Phase 1 Total CHI	Phase 2 Off-Road	Phase 2 Haul	Phase 2 Idling	Phase 2 Total Concentration (ug/m^3)	Phase 2 Total CHI
X	Y	Phase 1A Off-Road	Phase 1B Off-Road	Phase 1A-Haul	Phase 1B-Haul	Phase 1A-Iding	Phase 1B-Idling			GLC Concentration (ug/m^3)				
595042.43	4172301.44	3.31E-02	2.42E-03	8.02E-05	1.84E-05	6.51E-05	2.07E-06	3.57E-02	7.14E-03	7.43E-04	9.26E-06	1.23E-06	7.54E-04	7.36E-03
595062.43	4172301.44	3.48E-02	2.59E-03	8.78E-05	2.02E-05	6.93E-05	2.23E-06	3.76E-02	7.52E-03	8.01E-04	1.01E-05	1.38E-06	8.13E-04	7.94E-03
595082.43	4172301.44	3.65E-02	2.77E-03	9.64E-05	2.21E-05	7.36E-05	2.41E-06	3.95E-02	7.90E-03	8.69E-04	1.11E-05	1.55E-06	8.81E-04	8.61E-03
595102.43	4172301.44	3.82E-02	2.96E-03	1.06E-04	2.44E-05	7.79E-05	2.59E-06	4.14E-02	8.28E-03	9.49E-04	1.23E-05	1.76E-06	9.63E-04	9.40E-03
595122.43	4172301.44	4.01E-02	3.20E-03	1.20E-04	2.75E-05	8.28E-05	2.83E-06	4.35E-02	8.70E-03	1.05E-03	1.38E-05	2.04E-06	1.07E-03	1.04E-02
595142.43	4172301.44	4.19E-02	3.46E-03	1.36E-04	3.12E-05	8.75E-05	3.10E-06	4.57E-02	9.13E-03	1.18E-03	1.57E-05	2.40E-06	1.20E-03	1.17E-02
595162.43	4172301.44	4.38E-02	3.75E-03	1.57E-04	3.60E-05	9.21E-05	3.41E-06	4.78E-02	9.57E-03	1.34E-03	1.81E-05	2.87E-06	1.36E-03	1.33E-02
595042.43	4172321.44	3.52E-02	2.00E-03	8.23E-05	1.89E-05	7.08E-05	1.89E-06	3.74E-02	7.48E-03	6.84E-04	9.51E-06	1.09E-06	6.94E-04	6.78E-03
595062.43	4172321.44	3.73E-02	2.13E-03	9.04E-05	2.08E-05	7.63E-05	2.04E-06	3.96E-02	7.92E-03	7.29E-04	1.04E-05	1.20E-06	7.41E-04	7.23E-03
595082.43	4172321.44	3.92E-02	2.01E-03	9.83E-05	2.25E-05	8.15E-05	2.16E-06	4.14E-02	8.29E-03	7.76E-04	1.13E-05	1.31E-06	7.88E-04	7.70E-03
595102.43	4172321.44	4.16E-02	2.40E-03	1.10E-04	2.53E-05	8.81E-05	2.35E-06	4.42E-02	8.84E-03	8.43E-04	1.27E-05	1.49E-06	8.57E-04	8.37E-03
595122.43	4172321.44	4.40E-02	2.57E-03	1.24E-04	2.85E-05	9.51E-05	2.56E-06	4.68E-02	9.36E-03	9.24E-04	1.43E-05	1.70E-06	9.40E-04	9.18E-03
595142.43	4172321.44	4.66E-02	2.76E-03	1.43E-04	3.27E-05	1.03E-04	2.81E-06	4.97E-02	9.93E-03	1.03E-03	1.64E-05	1.99E-06	1.04E-03	1.02E-02
595162.43	4172321.44	4.93E-02	2.96E-03	1.65E-04	3.79E-05	1.11E-04	3.08E-06	5.26E-02	1.05E-02	1.15E-03	1.91E-05	2.34E-06	1.17E-03	1.14E-02
595022.43	4172341.44	3.47E-02	1.59E-03	7.72E-05	1.77E-05	6.96E-05	1.63E-06	3.65E-02	7.30E-03	6.05E-04	8.92E-06	8.94E-07	6.14E-04	6.00E-03
595042.43	4172341.44	3.70E-02	1.68E-03	8.45E-05	1.94E-05	7.57E-05	1.75E-06	3.89E-02	7.77E-03	6.32E-04	9.76E-06	9.67E-07	6.43E-04	6.28E-03
595062.43	4172341.44	3.94E-02	1.77E-03	9.30E-05	2.14E-05	8.25E-05	1.88E-06	4.14E-02	8.28E-03	6.65E-04	1.07E-05	1.05E-06	6.77E-04	6.61E-03
595082.43	4172341.44	4.20E-02	1.87E-03	1.03E-04	2.36E-05	8.98E-05	2.02E-06	4.41E-02	8.81E-03	7.03E-04	1.19E-05	1.15E-06	7.16E-04	7.00E-03
595102.43	4172341.44	4.47E-02	1.98E-03	1.15E-04	2.63E-05	9.78E-05	2.17E-06	4.69E-02	9.38E-03	7.49E-04	1.32E-05	1.27E-06	7.64E-04	7.46E-03
595122.43	4172341.44	4.76E-02	2.10E-03	1.29E-04	2.96E-05	1.07E-04	2.35E-06	5.00E-02	9.99E-03	8.06E-04	1.49E-05	1.42E-06	8.23E-04	8.03E-03
595142.43	4172341.44	5.10E-02	2.24E-03	1.49E-04	3.43E-05	1.18E-04	2.57E-06	5.35E-02	1.07E-02	8.82E-04	1.72E-05	1.63E-06	9.01E-04	8.80E-03
595162.43	4172341.44	5.45E-02	2.40E-03	1.75E-04	4.02E-05	1.30E-04	2.81E-06	5.73E-02	1.15E-02	9.74E-04	2.02E-05	1.88E-06	9.96E-04	9.73E-03
595509.20	4172311.10	4.84E-02	9.69E-02	2.29E-04	5.25E-05	9.85E-05	4.17E-05	1.46E-01	2.91E-02	2.63E-02	2.64E-05	1.03E-05	2.63E-02	2.57E-01
595453.66	4172369.33	1.74E-01	1.74E-02	2.68E-04	6.14E-05	2.41E-04	1.60E-05	1.92E-01	3.84E-02	2.32E-02	3.09E-05	1.14E-05	2.33E-02	2.27E-01
595568.33	4173021.18	1.48E-02	9.24E-04	2.10E-05	4.74E-06	1.33E-05	9.20E-07	1.58E-02	3.15E-03	9.01E-04	2.38E-06	1.09E-06	9.05E-04	8.84E-03
595515.00	4172097.00	5.17E-03	2.83E-02	4.55E-04	1.04E-04	1.13E-05	8.78E-05	3.41E-02	6.83E-03	2.38E-02	5.24E-05	1.42E-05	2.39E-02	2.33E-01
595271.59	4172931.11	6.75E-03	5.83E-04	3.52E-05	7.94E-06	1.39E-05	7.27E-07	7.39E-03	1.48E-03	1.45E-02	4.00E-06	6.56E-06	1.45E-02	1.42E-01
595259.54	4172956.67	5.68E-03	5.41E-04	2.87E-05	6.49E-06	1.17E-05	6.75E-07	6.27E-03	1.25E-03	1.44E-02	3.26E-06	5.28E-06	1.44E-02	1.41E-01
595229.53	4172979.48	4.48E-03	4.83E-04	2.26E-05	5.17E-06	9.44E-06	6.10E-07	5.00E-03	1.00E-03	6.80E-03	2.60E-06	4.47E-06	6.81E-03	6.65E-02
595158.78	4172948.61	3.69E-03	4.45E-04	2.04E-05	4.82E-06	8.36E-06	5.73E-07	4.17E-03	8.33E-04	3.17E-03	2.43E-06	9.00E-06	3.18E-03	3.10E-02
595424.36	4172061.47	4.77E-03	2.09E-02	6.10E-04	1.47E-04	9.82E-06	4.25E-05	2.65E-02	5.30E-03	7.75E-03	7.38E-05	5.65E-06	7.83E-03	7.65E-02
595637.78	4172033.56	4.02E-03	1.22E-02	8.55E-04	1.96E-04	8.97E-06	2.57E-05	1.73E-02	3.47E-03	9.51E-03	9.87E-05	3.58E-06	9.61E-03	9.39E-02
595497.98	4172569.45	5.07E-01	4.47E-03	1.30E-04	2.98E-05	1.53E-04	4.17E-06	5.12E-01	1.02E-01	2.30E-03	1.50E-05	2.43E-06	2.32E-03	2.27E-02
595440.32	4172695.89	4.48E-01	1.86E-03	1.13E-04	2.58E-05	9.27E-05	2.00E-06	4.50E-01	9.01E-02	5.28E-03	1.30E-05	4.00E-06	5.29E-03	5.17E-02
595531.70	4172736.24	1.62E-01	2.21E-03	6.47E-05	1.48E-05	5.03E-05	2.10E-06	1.65E-01	3.30E-02	1.15E-02	7.45E-06	4.85E-06	1.15E-02	1.12E-01
595503.43	4172797.49	1.01E-01	1.60E-03	5.49E-05	1.26E-05	3.94E-05	1.60E-06	1.03E-01	2.05E-02	6.43E-03	6.32E-06	1.66E-05	6.45E-03	6.30E-02
595293.61	4172706.67	7.96E-02	1.02E-03	3.46E-04	7.92E-05	1.00E-04	1.31E-06	8.11E-02	1.62E-02	1.74E-02	3.98E-05	1.30E-05	1.75E-02	1.71E-01
595216.89	4172907.31	5.46E-03	5.35E-04	3.54E-05	8.13E-06	1.24E-05	6.85E-07	6.05E-03	1.21E-03	1.58E-02	4.09E-06	1.98E-05	1.58E-02	1.54E-01

A.4.2 Operational TACs' GLC Concentrations and Operational HRA

Operational DPM and TOG Emissions

Phase	Sources	Source Group from AERMOD	Variable Emissions?	Hrs/day in AERMOD	Days/yr	Hrs/yr	Emission Rate (lbs/yr) 2021	Emission Rate (lbs/yr) 2031
DPM								
Phase 1	Costco Delivery Trucks Idling	CSCO-IDL	Yes	11	365	4,041	0.44	0.11
Phase 1	Costco Emergency Generator	CSCO-GEN	Yes	11	365	4,041	15.75	15.75
Phase 1	Costco Delivery Truck Route Exhaust	DEL-EXH	Yes	11	365	4,041	0.69	0.27
Phase 1	Gas Station Delivery Truck Route Exhaust	DEL-EXH	Yes	11	365	4,041	0.41	0.16
Phase 1	Gas Station Truck Idling	GSTRKIDL	Yes	15	365	5,449	0.27	0.06
Phase 1	Hotel Generator	HOTL-GEN	Yes	10	365	3,650	15.75	15.75
Phase 1	Costco TRU	CSCO-TRU	Yes	11	365	4,041	3.78	3.78
Phase 1	Retail/Hotel Truck Route Exhaust	HOTL-EXH	No	0	365	8,760	0.43	0.17
Phase 1	Retail/Hotel Truck Idling	HOTL-IDL	No	0	365	8,760	1.29	0.31
Phase 1	Retail/Hotel Truck TRU	HOTL-TRU	No	0	365	8,760	3.67	3.67
Phase 2	Other Trucks Onroad Exhaust	OTHR-EXH	No	0	365	8,760		4.35
Phase 2	Other Trucks Idling	OTHR-IDL	No	0	365	8,760		1.74
Phase 2	Other Trucks TRU	OTH-TRU	No	0	365	8,760		10.39
Phase 1	Fedex Truck Idling	FDX-IDLE	Yes	7	365	2,555	17.23	4.12
Phase 1	Fedex Trucks Onroad Exhaust	FDX-EXH	Yes	7	365	2,555	5.79	2.26
Phase 1	Fedex Trucks TRU	FDX-TRU	Yes	7	365	2,555	49.08	49.08
Exhaust TOG								
Phase 1	Light-Duty Cars TOG Exhaust	LD-EXH	No	0	365	8,760	2018.31	2018.31
Phase 1	Gas Station Light-Duty Idling	LD-IDLE	Yes	15	365	5,449	24.28	24.28
Phase 2	Light-Duty Cars TOG Exhaust	LD-EXH	No	0	365	8,760		381.45
Evp TOG								
Phase 1	Light-Duty Cars TOG Evaporative	LD-EXH	No	0	365	8,760	1870.31	1870.31
Phase 1	Gas Station Car Fueling	GAS-FUEL	Yes	15	365	5,449	19713.60	19713.60
Phase 1	Gas Station Car Spillage	GAS-SPIL	Yes	15	365	5,449	11188.80	11188.80
Phase 1	Gas Station Vent Pipes	GAS-VENT	No	0	365	8,760	2903.76	2903.76
Phase 2	Light-Duty Cars TOG Evaporative	LD-EXH	No	0	365	8,760		484.00

Operational DPM and TOG Emissions

Phase	Year	Sources	SRG	Pollutant	Em(g/sec)
Phase 1	2021	Costco Deliver	CSCO-IDL	DPM	1.38E-05
Phase 1	2021	Costco Emerg	CSCO-GEN	DPM	4.91E-04
Phase 1	2021	Costco Deliver	DEL-EXH	DPM	2.15E-05
Phase 1	2021	Gas Station D	DEL-EXH	DPM	1.29E-05
Phase 1	2021	Gas Station Tr	GSTRKIDL	DPM	6.13E-06
Phase 1	2021	Hotel Generat	HOTL-GEN	DPM	5.44E-04
Phase 1	2021	Costco TRU	CSCO-TRU	DPM	1.18E-04
Phase 1	2021	Retail/Hotel Tr	HOTL-EXH	DPM	6.22E-06
Phase 1	2021	Retail/Hotel Tr	HOTL-IDL	DPM	1.85E-05
Phase 1	2021	Retail/Hotel Tr	HOTL-TRU	DPM	5.28E-05
Phase 1	2021	Fedex Truck Id	FDX-IDLE	DPM	8.50E-04
Phase 1	2021	Fedex Trucks	FDX-EXH	DPM	2.85E-04
Phase 1	2021	Fedex Trucks	FDX-TRU	DPM	2.42E-03
Phase 1	2021	Light-Duty Car	LD-EXH	TOG-Exh	2.90E-02
Phase 1	2021	Gas Station Li	LD-IDLE	TOG-Exh	5.61E-04
Phase 1	2021	Light-Duty Car	LD-EXH	TOG-Eva	2.69E-02
Phase 1	2021	Gas Station C	GAS-FUEL	TOG-Eva	4.56E-01
Phase 1	2021	Gas Station C	GAS-SPIL	TOG-Eva	2.59E-01
Phase 1	2021	Gas Station V	GAS-VENT	TOG-Eva	4.18E-02
Phase 1	2031	Costco Deliver	CSCO-IDL	DPM	3.29E-06
Phase 1	2031	Costco Emerg	CSCO-GEN	DPM	4.91E-04
Phase 1	2031	Costco Deliver	DEL-EXH	DPM	8.40E-06
Phase 1	2031	Gas Station D	DEL-EXH	DPM	5.04E-06
Phase 1	2031	Gas Station Tr	GSTRKIDL	DPM	1.47E-06
Phase 1	2031	Hotel Generat	HOTL-GEN	DPM	5.44E-04
Phase 1	2031	Costco TRU	CSCO-TRU	DPM	1.18E-04
Phase 1	2031	Retail/Hotel Tr	HOTL-EXH	DPM	2.43E-06
Phase 1	2031	Retail/Hotel Tr	HOTL-IDL	DPM	4.43E-06
Phase 1	2031	Retail/Hotel Tr	HOTL-TRU	DPM	5.28E-05
Phase 1	2031	Light-Duty Car	LD-EXH	TOG-Exh	2.90E-02
Phase 1	2031	Gas Station Li	LD-IDLE	TOG-Exh	5.61E-04
Phase 1	2031	Light-Duty Car	LD-EXH	TOG-Eva	2.69E-02
Phase 1	2031	Gas Station C	GAS-FUEL	TOG-Eva	4.56E-01
Phase 1	2031	Gas Station C	GAS-SPIL	TOG-Eva	2.59E-01
Phase 1	2031	Gas Station V	GAS-VENT	TOG-Eva	4.18E-02
Phase 2	2031	Other Trucks (	OTHR-EXH	DPM	6.26E-05
Phase 2	2031	Other Trucks I	OTHR-IDL	DPM	2.51E-05
Phase 2	2031	Other Trucks T	OTH-TRU	DPM	1.49E-04
Phase 2	2031	Light-Duty Car	LD-EXH	TOG-Eva	6.96E-03
Phase 2	2031	Light-Duty Car	LD-EXH	TOG-Exh	5.49E-03

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4171743	0.07527	CSCO-GEN
595574	4171743	0.07681	CSCO-GEN
595594	4171743	0.07546	CSCO-GEN
595614	4171743	0.07481	CSCO-GEN
595634	4171743	0.07415	CSCO-GEN
595654	4171743	0.07386	CSCO-GEN
595674	4171743	0.0745	CSCO-GEN
595694	4171743	0.07625	CSCO-GEN
595714	4171743	0.07595	CSCO-GEN
595534	4171763	0.08307	CSCO-GEN
595554	4171763	0.08016	CSCO-GEN
595574	4171763	0.08163	CSCO-GEN
595594	4171763	0.08006	CSCO-GEN
595614	4171763	0.08031	CSCO-GEN
595634	4171763	0.08069	CSCO-GEN
595654	4171763	0.07911	CSCO-GEN
595674	4171763	0.07997	CSCO-GEN
595694	4171763	0.08077	CSCO-GEN
595714	4171763	0.08262	CSCO-GEN
595734	4171763	0.08829	CSCO-GEN
595754	4171763	0.09112	CSCO-GEN
595774	4171763	0.09255	CSCO-GEN
595314	4171783	0.08977	CSCO-GEN
595334	4171783	0.09008	CSCO-GEN
595534	4171783	0.08664	CSCO-GEN
595554	4171783	0.08603	CSCO-GEN
595574	4171783	0.08545	CSCO-GEN
595594	4171783	0.08363	CSCO-GEN
595614	4171783	0.08316	CSCO-GEN
595634	4171783	0.08612	CSCO-GEN
595654	4171783	0.08568	CSCO-GEN
595674	4171783	0.08647	CSCO-GEN
595694	4171783	0.08717	CSCO-GEN
595714	4171783	0.09367	CSCO-GEN
595734	4171783	0.09665	CSCO-GEN
595754	4171783	0.09766	CSCO-GEN
595774	4171783	0.10082	CSCO-GEN
595794	4171783	0.10407	CSCO-GEN
595274	4171803	0.09586	CSCO-GEN
595294	4171803	0.096	CSCO-GEN
595314	4171803	0.09618	CSCO-GEN
595334	4171803	0.09603	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4171803	0.0922	CSCO-GEN
595554	4171803	0.09137	CSCO-GEN
595574	4171803	0.09291	CSCO-GEN
595594	4171803	0.0921	CSCO-GEN
595614	4171803	0.09197	CSCO-GEN
595634	4171803	0.09247	CSCO-GEN
595654	4171803	0.09049	CSCO-GEN
595674	4171803	0.0917	CSCO-GEN
595694	4171803	0.09441	CSCO-GEN
595714	4171803	0.10154	CSCO-GEN
595734	4171803	0.10461	CSCO-GEN
595754	4171803	0.10517	CSCO-GEN
595774	4171803	0.10978	CSCO-GEN
595794	4171803	0.11361	CSCO-GEN
595814	4171803	0.11984	CSCO-GEN
595254	4171823	0.10207	CSCO-GEN
595274	4171823	0.10219	CSCO-GEN
595294	4171823	0.10254	CSCO-GEN
595314	4171823	0.10303	CSCO-GEN
595334	4171823	0.10302	CSCO-GEN
595514	4171823	0.10129	CSCO-GEN
595534	4171823	0.0986	CSCO-GEN
595554	4171823	0.0979	CSCO-GEN
595574	4171823	0.09829	CSCO-GEN
595594	4171823	0.09711	CSCO-GEN
595614	4171823	0.09819	CSCO-GEN
595634	4171823	0.09826	CSCO-GEN
595654	4171823	0.09953	CSCO-GEN
595674	4171823	0.10498	CSCO-GEN
595694	4171823	0.10346	CSCO-GEN
595714	4171823	0.11014	CSCO-GEN
595734	4171823	0.11388	CSCO-GEN
595754	4171823	0.11692	CSCO-GEN
595774	4171823	0.12085	CSCO-GEN
595794	4171823	0.12678	CSCO-GEN
595814	4171823	0.13354	CSCO-GEN
595834	4171823	0.14046	CSCO-GEN
595854	4171823	0.14831	CSCO-GEN
595234	4171843	0.10991	CSCO-GEN
595254	4171843	0.11	CSCO-GEN
595274	4171843	0.11029	CSCO-GEN
595294	4171843	0.11041	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4171843	0.1105	CSCO-GEN
595334	4171843	0.11071	CSCO-GEN
595514	4171843	0.1071	CSCO-GEN
595534	4171843	0.10531	CSCO-GEN
595554	4171843	0.10472	CSCO-GEN
595574	4171843	0.10673	CSCO-GEN
595594	4171843	0.10476	CSCO-GEN
595614	4171843	0.10551	CSCO-GEN
595634	4171843	0.10652	CSCO-GEN
595654	4171843	0.10911	CSCO-GEN
595674	4171843	0.11018	CSCO-GEN
595694	4171843	0.11467	CSCO-GEN
595714	4171843	0.12177	CSCO-GEN
595734	4171843	0.12426	CSCO-GEN
595754	4171843	0.12812	CSCO-GEN
595774	4171843	0.13317	CSCO-GEN
595794	4171843	0.14044	CSCO-GEN
595814	4171843	0.148	CSCO-GEN
595854	4171843	0.16606	CSCO-GEN
595874	4171843	0.17563	CSCO-GEN
595214	4171863	0.11692	CSCO-GEN
595234	4171863	0.11784	CSCO-GEN
595254	4171863	0.1185	CSCO-GEN
595274	4171863	0.11833	CSCO-GEN
595294	4171863	0.11894	CSCO-GEN
595314	4171863	0.11877	CSCO-GEN
595334	4171863	0.11848	CSCO-GEN
595514	4171863	0.11448	CSCO-GEN
595534	4171863	0.11298	CSCO-GEN
595554	4171863	0.11194	CSCO-GEN
595574	4171863	0.11085	CSCO-GEN
595594	4171863	0.11002	CSCO-GEN
595614	4171863	0.10967	CSCO-GEN
595634	4171863	0.11225	CSCO-GEN
595654	4171863	0.12038	CSCO-GEN
595674	4171863	0.11916	CSCO-GEN
595694	4171863	0.12835	CSCO-GEN
595714	4171863	0.13235	CSCO-GEN
595734	4171863	0.136	CSCO-GEN
595754	4171863	0.14181	CSCO-GEN
595774	4171863	0.15043	CSCO-GEN
595794	4171863	0.16044	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4171863	0.16858	CSCO-GEN
595834	4171863	0.17585	CSCO-GEN
595854	4171863	0.1859	CSCO-GEN
595874	4171863	0.19632	CSCO-GEN
595894	4171863	0.20636	CSCO-GEN
595194	4171883	0.12786	CSCO-GEN
595214	4171883	0.12722	CSCO-GEN
595234	4171883	0.12752	CSCO-GEN
595254	4171883	0.12688	CSCO-GEN
595274	4171883	0.12711	CSCO-GEN
595294	4171883	0.12737	CSCO-GEN
595314	4171883	0.12748	CSCO-GEN
595514	4171883	0.12292	CSCO-GEN
595534	4171883	0.12162	CSCO-GEN
595554	4171883	0.12063	CSCO-GEN
595574	4171883	0.11854	CSCO-GEN
595594	4171883	0.11769	CSCO-GEN
595614	4171883	0.11795	CSCO-GEN
595634	4171883	0.12117	CSCO-GEN
595654	4171883	0.12759	CSCO-GEN
595674	4171883	0.13113	CSCO-GEN
595694	4171883	0.14045	CSCO-GEN
595714	4171883	0.14574	CSCO-GEN
595734	4171883	0.15144	CSCO-GEN
595754	4171883	0.15896	CSCO-GEN
595774	4171883	0.16909	CSCO-GEN
595794	4171883	0.17669	CSCO-GEN
595814	4171883	0.1897	CSCO-GEN
595834	4171883	0.19859	CSCO-GEN
595854	4171883	0.20851	CSCO-GEN
595874	4171883	0.22207	CSCO-GEN
595894	4171883	0.2325	CSCO-GEN
595174	4171903	0.13981	CSCO-GEN
595194	4171903	0.13877	CSCO-GEN
595214	4171903	0.13703	CSCO-GEN
595234	4171903	0.137	CSCO-GEN
595254	4171903	0.13688	CSCO-GEN
595274	4171903	0.13709	CSCO-GEN
595294	4171903	0.13628	CSCO-GEN
595314	4171903	0.13749	CSCO-GEN
595514	4171903	0.13131	CSCO-GEN
595534	4171903	0.13001	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4171903	0.12893	CSCO-GEN
595574	4171903	0.12916	CSCO-GEN
595594	4171903	0.12739	CSCO-GEN
595614	4171903	0.12907	CSCO-GEN
595634	4171903	0.13253	CSCO-GEN
595654	4171903	0.1381	CSCO-GEN
595674	4171903	0.14352	CSCO-GEN
595694	4171903	0.15015	CSCO-GEN
595714	4171903	0.1595	CSCO-GEN
595734	4171903	0.16689	CSCO-GEN
595754	4171903	0.17912	CSCO-GEN
595774	4171903	0.19041	CSCO-GEN
595794	4171903	0.2021	CSCO-GEN
595814	4171903	0.21281	CSCO-GEN
595834	4171903	0.22368	CSCO-GEN
595854	4171903	0.23843	CSCO-GEN
595874	4171903	0.25067	CSCO-GEN
595894	4171903	0.26682	CSCO-GEN
595914	4171903	0.27881	CSCO-GEN
595174	4171923	0.15195	CSCO-GEN
595194	4171923	0.14961	CSCO-GEN
595214	4171923	0.14837	CSCO-GEN
595234	4171923	0.14807	CSCO-GEN
595254	4171923	0.14772	CSCO-GEN
595274	4171923	0.14759	CSCO-GEN
595294	4171923	0.14675	CSCO-GEN
595534	4171923	0.13952	CSCO-GEN
595554	4171923	0.13837	CSCO-GEN
595574	4171923	0.13832	CSCO-GEN
595594	4171923	0.13752	CSCO-GEN
595614	4171923	0.14175	CSCO-GEN
595634	4171923	0.14657	CSCO-GEN
595654	4171923	0.15231	CSCO-GEN
595674	4171923	0.15797	CSCO-GEN
595694	4171923	0.16484	CSCO-GEN
595714	4171923	0.17628	CSCO-GEN
595734	4171923	0.18756	CSCO-GEN
595754	4171923	0.2002	CSCO-GEN
595774	4171923	0.214	CSCO-GEN
595794	4171923	0.22686	CSCO-GEN
595814	4171923	0.2402	CSCO-GEN
595834	4171923	0.25237	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595854	4171923	0.26824	CSCO-GEN
595874	4171923	0.28485	CSCO-GEN
595894	4171923	0.30407	CSCO-GEN
595914	4171923	0.31704	CSCO-GEN
595154	4171943	0.17045	CSCO-GEN
595174	4171943	0.16601	CSCO-GEN
595194	4171943	0.16308	CSCO-GEN
595214	4171943	0.16054	CSCO-GEN
595234	4171943	0.15995	CSCO-GEN
595254	4171943	0.15946	CSCO-GEN
595274	4171943	0.1589	CSCO-GEN
595294	4171943	0.15859	CSCO-GEN
595534	4171943	0.1508	CSCO-GEN
595554	4171943	0.14865	CSCO-GEN
595574	4171943	0.1492	CSCO-GEN
595594	4171943	0.14944	CSCO-GEN
595614	4171943	0.15332	CSCO-GEN
595634	4171943	0.16061	CSCO-GEN
595654	4171943	0.16747	CSCO-GEN
595674	4171943	0.17411	CSCO-GEN
595694	4171943	0.18281	CSCO-GEN
595714	4171943	0.19426	CSCO-GEN
595734	4171943	0.20659	CSCO-GEN
595754	4171943	0.22122	CSCO-GEN
595774	4171943	0.2415	CSCO-GEN
595794	4171943	0.25376	CSCO-GEN
595814	4171943	0.27117	CSCO-GEN
595834	4171943	0.28856	CSCO-GEN
595854	4171943	0.30645	CSCO-GEN
595874	4171943	0.32676	CSCO-GEN
595894	4171943	0.34155	CSCO-GEN
595914	4171943	0.35625	CSCO-GEN
595934	4171943	0.36891	CSCO-GEN
595154	4171963	0.1869	CSCO-GEN
595174	4171963	0.18135	CSCO-GEN
595194	4171963	0.17667	CSCO-GEN
595214	4171963	0.17456	CSCO-GEN
595234	4171963	0.17196	CSCO-GEN
595254	4171963	0.17284	CSCO-GEN
595274	4171963	0.17221	CSCO-GEN
595554	4171963	0.16155	CSCO-GEN
595574	4171963	0.16062	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4171963	0.16184	CSCO-GEN
595614	4171963	0.17003	CSCO-GEN
595634	4171963	0.17757	CSCO-GEN
595654	4171963	0.18367	CSCO-GEN
595674	4171963	0.1915	CSCO-GEN
595694	4171963	0.20166	CSCO-GEN
595714	4171963	0.21845	CSCO-GEN
595734	4171963	0.23159	CSCO-GEN
595754	4171963	0.24839	CSCO-GEN
595774	4171963	0.26641	CSCO-GEN
595794	4171963	0.28562	CSCO-GEN
595814	4171963	0.30429	CSCO-GEN
595834	4171963	0.32776	CSCO-GEN
595854	4171963	0.35388	CSCO-GEN
595874	4171963	0.36943	CSCO-GEN
595894	4171963	0.38891	CSCO-GEN
595914	4171963	0.40581	CSCO-GEN
595934	4171963	0.41444	CSCO-GEN
595154	4171983	0.20563	CSCO-GEN
595174	4171983	0.19873	CSCO-GEN
595194	4171983	0.1933	CSCO-GEN
595214	4171983	0.19037	CSCO-GEN
595234	4171983	0.18776	CSCO-GEN
595254	4171983	0.18554	CSCO-GEN
595574	4171983	0.17376	CSCO-GEN
595754	4172023	0.36788	CSCO-GEN
595774	4172023	0.3997	CSCO-GEN
595794	4172023	0.43683	CSCO-GEN
595814	4172023	0.46647	CSCO-GEN
595834	4172023	0.49353	CSCO-GEN
595714	4172043	0.35911	CSCO-GEN
595734	4172043	0.39458	CSCO-GEN
595754	4172043	0.43401	CSCO-GEN
595774	4172043	0.47288	CSCO-GEN
595794	4172043	0.50577	CSCO-GEN
595814	4172043	0.54454	CSCO-GEN
595834	4172043	0.57492	CSCO-GEN
595854	4172043	0.60173	CSCO-GEN
595874	4172043	0.62227	CSCO-GEN
595894	4172043	0.6391	CSCO-GEN
595914	4172043	0.65847	CSCO-GEN
595934	4172043	0.66608	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172063	0.41176	CSCO-GEN
595734	4172063	0.46203	CSCO-GEN
595754	4172063	0.50656	CSCO-GEN
595774	4172063	0.54455	CSCO-GEN
595794	4172063	0.58843	CSCO-GEN
595814	4172063	0.62462	CSCO-GEN
595834	4172063	0.65699	CSCO-GEN
595854	4172063	0.68478	CSCO-GEN
595874	4172063	0.70874	CSCO-GEN
595894	4172063	0.73389	CSCO-GEN
595914	4172063	0.74321	CSCO-GEN
595934	4172063	0.75163	CSCO-GEN
595714	4172083	0.48262	CSCO-GEN
595734	4172083	0.54221	CSCO-GEN
595754	4172083	0.59115	CSCO-GEN
595774	4172083	0.63578	CSCO-GEN
595794	4172083	0.67804	CSCO-GEN
595814	4172083	0.71685	CSCO-GEN
595834	4172083	0.75031	CSCO-GEN
595854	4172083	0.78723	CSCO-GEN
595874	4172083	0.81135	CSCO-GEN
595894	4172083	0.82894	CSCO-GEN
595914	4172083	0.84293	CSCO-GEN
595934	4172083	0.84889	CSCO-GEN
595114	4172103	0.43948	CSCO-GEN
595134	4172103	0.41617	CSCO-GEN
595714	4172103	0.56919	CSCO-GEN
595734	4172103	0.63407	CSCO-GEN
595754	4172103	0.68563	CSCO-GEN
595774	4172103	0.73535	CSCO-GEN
595794	4172103	0.78566	CSCO-GEN
595814	4172103	0.82655	CSCO-GEN
595834	4172103	0.86631	CSCO-GEN
595854	4172103	0.89825	CSCO-GEN
595874	4172103	0.91957	CSCO-GEN
595894	4172103	0.93807	CSCO-GEN
595914	4172103	0.94714	CSCO-GEN
595934	4172103	0.95135	CSCO-GEN
595094	4172123	0.52691	CSCO-GEN
595114	4172123	0.49876	CSCO-GEN
595134	4172123	0.47091	CSCO-GEN
595694	4172123	0.6037	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172123	0.67206	CSCO-GEN
595734	4172123	0.73852	CSCO-GEN
595754	4172123	0.80059	CSCO-GEN
595774	4172123	0.85652	CSCO-GEN
595794	4172123	0.9117	CSCO-GEN
595814	4172123	0.96193	CSCO-GEN
595834	4172123	0.99854	CSCO-GEN
595854	4172123	1.02746	CSCO-GEN
595874	4172123	1.0502	CSCO-GEN
595894	4172123	1.06415	CSCO-GEN
595914	4172123	1.07086	CSCO-GEN
595934	4172123	1.07431	CSCO-GEN
595094	4172143	0.60204	CSCO-GEN
595114	4172143	0.56878	CSCO-GEN
595134	4172143	0.53541	CSCO-GEN
595694	4172143	0.71427	CSCO-GEN
595714	4172143	0.79204	CSCO-GEN
595734	4172143	0.86518	CSCO-GEN
595754	4172143	0.93098	CSCO-GEN
595774	4172143	1.00361	CSCO-GEN
595794	4172143	1.06129	CSCO-GEN
595814	4172143	1.11097	CSCO-GEN
595834	4172143	1.14901	CSCO-GEN
595854	4172143	1.17447	CSCO-GEN
595874	4172143	1.19573	CSCO-GEN
595894	4172143	1.19906	CSCO-GEN
595914	4172143	1.20503	CSCO-GEN
595934	4172143	1.19321	CSCO-GEN
595094	4172163	0.6894	CSCO-GEN
595114	4172163	0.65122	CSCO-GEN
595134	4172163	0.61244	CSCO-GEN
595154	4172163	0.57435	CSCO-GEN
595614	4172163	0.52463	CSCO-GEN
595634	4172163	0.59298	CSCO-GEN
595654	4172163	0.67403	CSCO-GEN
595674	4172163	0.76465	CSCO-GEN
595694	4172163	0.85113	CSCO-GEN
595714	4172163	0.93124	CSCO-GEN
595734	4172163	1.01478	CSCO-GEN
595754	4172163	1.10617	CSCO-GEN
595774	4172163	1.1737	CSCO-GEN
595794	4172163	1.23094	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172163	1.27621	CSCO-GEN
595834	4172163	1.30909	CSCO-GEN
595854	4172163	1.33693	CSCO-GEN
595874	4172163	1.35363	CSCO-GEN
595894	4172163	1.35784	CSCO-GEN
595914	4172163	1.35822	CSCO-GEN
595074	4172183	0.82415	CSCO-GEN
595094	4172183	0.78885	CSCO-GEN
595114	4172183	0.74739	CSCO-GEN
595134	4172183	0.70171	CSCO-GEN
595154	4172183	0.65562	CSCO-GEN
595614	4172183	0.61603	CSCO-GEN
595634	4172183	0.70793	CSCO-GEN
595654	4172183	0.8084	CSCO-GEN
595674	4172183	0.90697	CSCO-GEN
595694	4172183	1.00678	CSCO-GEN
595714	4172183	1.10739	CSCO-GEN
595734	4172183	1.20745	CSCO-GEN
595754	4172183	1.29743	CSCO-GEN
595774	4172183	1.36724	CSCO-GEN
595794	4172183	1.42307	CSCO-GEN
595814	4172183	1.47023	CSCO-GEN
595834	4172183	1.5036	CSCO-GEN
595854	4172183	1.52365	CSCO-GEN
595874	4172183	1.54378	CSCO-GEN
595894	4172183	1.53758	CSCO-GEN
595914	4172183	1.52544	CSCO-GEN
595074	4172203	0.93962	CSCO-GEN
595094	4172203	0.9048	CSCO-GEN
595114	4172203	0.86129	CSCO-GEN
595134	4172203	0.8096	CSCO-GEN
595154	4172203	0.75511	CSCO-GEN
595594	4172203	0.63948	CSCO-GEN
595614	4172203	0.74634	CSCO-GEN
595634	4172203	0.84794	CSCO-GEN
595654	4172203	0.96311	CSCO-GEN
595674	4172203	1.08003	CSCO-GEN
595694	4172203	1.21343	CSCO-GEN
595714	4172203	1.32433	CSCO-GEN
595734	4172203	1.42608	CSCO-GEN
595754	4172203	1.51959	CSCO-GEN
595774	4172203	1.59131	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172203	1.64907	CSCO-GEN
595814	4172203	1.68965	CSCO-GEN
595834	4172203	1.7301	CSCO-GEN
595854	4172203	1.74636	CSCO-GEN
595874	4172203	1.73963	CSCO-GEN
595894	4172203	1.7283	CSCO-GEN
595914	4172203	1.70274	CSCO-GEN
595074	4172223	1.06672	CSCO-GEN
595094	4172223	1.03369	CSCO-GEN
595114	4172223	0.98893	CSCO-GEN
595134	4172223	0.93523	CSCO-GEN
595154	4172223	0.87298	CSCO-GEN
595594	4172223	0.77351	CSCO-GEN
595614	4172223	0.88936	CSCO-GEN
595634	4172223	1.0241	CSCO-GEN
595654	4172223	1.16231	CSCO-GEN
595674	4172223	1.31139	CSCO-GEN
595694	4172223	1.45207	CSCO-GEN
595714	4172223	1.57524	CSCO-GEN
595734	4172223	1.68909	CSCO-GEN
595754	4172223	1.77724	CSCO-GEN
595774	4172223	1.84737	CSCO-GEN
595794	4172223	1.91644	CSCO-GEN
595814	4172223	1.95554	CSCO-GEN
595834	4172223	1.97489	CSCO-GEN
595854	4172223	1.97142	CSCO-GEN
595874	4172223	1.95903	CSCO-GEN
595894	4172223	1.93447	CSCO-GEN
595054	4172243	1.21834	CSCO-GEN
595074	4172243	1.20581	CSCO-GEN
595094	4172243	1.1786	CSCO-GEN
595114	4172243	1.13421	CSCO-GEN
595134	4172243	1.0813	CSCO-GEN
595154	4172243	1.01463	CSCO-GEN
595594	4172243	0.93218	CSCO-GEN
595614	4172243	1.07204	CSCO-GEN
595634	4172243	1.24621	CSCO-GEN
595654	4172243	1.4219	CSCO-GEN
595674	4172243	1.58946	CSCO-GEN
595694	4172243	1.73738	CSCO-GEN
595714	4172243	1.87838	CSCO-GEN
595734	4172243	1.99552	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172243	2.09857	CSCO-GEN
595774	4172243	2.16828	CSCO-GEN
595794	4172243	2.21668	CSCO-GEN
595814	4172243	2.23703	CSCO-GEN
595834	4172243	2.23578	CSCO-GEN
595854	4172243	2.21984	CSCO-GEN
595874	4172243	2.18604	CSCO-GEN
595894	4172243	2.13756	CSCO-GEN
595054	4172263	1.35054	CSCO-GEN
595074	4172263	1.35471	CSCO-GEN
595094	4172263	1.33678	CSCO-GEN
595114	4172263	1.30099	CSCO-GEN
595134	4172263	1.24891	CSCO-GEN
595154	4172263	1.17947	CSCO-GEN
595594	4172263	1.13492	CSCO-GEN
595614	4172263	1.33882	CSCO-GEN
595634	4172263	1.54398	CSCO-GEN
595654	4172263	1.73938	CSCO-GEN
595674	4172263	1.92036	CSCO-GEN
595694	4172263	2.0977	CSCO-GEN
595714	4172263	2.24706	CSCO-GEN
595734	4172263	2.36101	CSCO-GEN
595754	4172263	2.44932	CSCO-GEN
595774	4172263	2.50942	CSCO-GEN
595794	4172263	2.54112	CSCO-GEN
595814	4172263	2.54161	CSCO-GEN
595834	4172263	2.51981	CSCO-GEN
595854	4172263	2.48129	CSCO-GEN
595874	4172263	2.42938	CSCO-GEN
595894	4172263	2.35826	CSCO-GEN
595054	4172283	1.47738	CSCO-GEN
595074	4172283	1.50333	CSCO-GEN
595094	4172283	1.50115	CSCO-GEN
595114	4172283	1.4806	CSCO-GEN
595134	4172283	1.43641	CSCO-GEN
595154	4172283	1.36858	CSCO-GEN
595174	4172283	1.28716	CSCO-GEN
595574	4172283	1.20631	CSCO-GEN
595594	4172283	1.4356	CSCO-GEN
595614	4172283	1.67361	CSCO-GEN
595634	4172283	1.9072	CSCO-GEN
595654	4172283	2.14123	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172283	2.35392	CSCO-GEN
595694	4172283	2.52779	CSCO-GEN
595714	4172283	2.668	CSCO-GEN
595734	4172283	2.77387	CSCO-GEN
595754	4172283	2.84476	CSCO-GEN
595774	4172283	2.88779	CSCO-GEN
595794	4172283	2.88823	CSCO-GEN
595814	4172283	2.86261	CSCO-GEN
595834	4172283	2.82717	CSCO-GEN
595854	4172283	2.76085	CSCO-GEN
595874	4172283	2.67555	CSCO-GEN
595894	4172283	2.57715	CSCO-GEN
595034	4172303	1.53295	CSCO-GEN
595054	4172303	1.598	CSCO-GEN
595074	4172303	1.63905	CSCO-GEN
595094	4172303	1.66549	CSCO-GEN
595114	4172303	1.66843	CSCO-GEN
595134	4172303	1.64113	CSCO-GEN
595154	4172303	1.58388	CSCO-GEN
595174	4172303	1.50405	CSCO-GEN
595574	4172303	1.53913	CSCO-GEN
595594	4172303	1.8109	CSCO-GEN
595614	4172303	2.10653	CSCO-GEN
595634	4172303	2.39214	CSCO-GEN
595654	4172303	2.64523	CSCO-GEN
595674	4172303	2.86038	CSCO-GEN
595694	4172303	3.02903	CSCO-GEN
595714	4172303	3.16007	CSCO-GEN
595734	4172303	3.24961	CSCO-GEN
595754	4172303	3.294	CSCO-GEN
595774	4172303	3.29887	CSCO-GEN
595794	4172303	3.26705	CSCO-GEN
595814	4172303	3.209	CSCO-GEN
595834	4172303	3.12649	CSCO-GEN
595854	4172303	3.03086	CSCO-GEN
595874	4172303	2.90755	CSCO-GEN
595034	4172323	1.60608	CSCO-GEN
595054	4172323	1.69296	CSCO-GEN
595074	4172323	1.7678	CSCO-GEN
595094	4172323	1.82026	CSCO-GEN
595114	4172323	1.85322	CSCO-GEN
595134	4172323	1.85415	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595154	4172323	1.82011	CSCO-GEN
595174	4172323	1.74932	CSCO-GEN
595574	4172323	1.99363	CSCO-GEN
595594	4172323	2.34808	CSCO-GEN
595614	4172323	2.67778	CSCO-GEN
595634	4172323	2.98793	CSCO-GEN
595654	4172323	3.25294	CSCO-GEN
595674	4172323	3.46226	CSCO-GEN
595694	4172323	3.61846	CSCO-GEN
595714	4172323	3.72887	CSCO-GEN
595734	4172323	3.77449	CSCO-GEN
595754	4172323	3.7666	CSCO-GEN
595774	4172323	3.72385	CSCO-GEN
595794	4172323	3.64259	CSCO-GEN
595814	4172323	3.54746	CSCO-GEN
595834	4172323	3.41737	CSCO-GEN
595854	4172323	3.28284	CSCO-GEN
595874	4172323	3.11644	CSCO-GEN
595034	4172343	1.6463	CSCO-GEN
595054	4172343	1.76088	CSCO-GEN
595074	4172343	1.86812	CSCO-GEN
595094	4172343	1.95846	CSCO-GEN
595114	4172343	2.02344	CSCO-GEN
595134	4172343	2.063	CSCO-GEN
595154	4172343	2.06408	CSCO-GEN
595574	4172343	2.63429	CSCO-GEN
595594	4172343	3.0463	CSCO-GEN
595614	4172343	3.40814	CSCO-GEN
595634	4172343	3.7271	CSCO-GEN
595654	4172343	3.98144	CSCO-GEN
595674	4172343	4.16366	CSCO-GEN
595694	4172343	4.28065	CSCO-GEN
595714	4172343	4.33489	CSCO-GEN
595734	4172343	4.31332	CSCO-GEN
595754	4172343	4.25021	CSCO-GEN
595774	4172343	4.14517	CSCO-GEN
595794	4172343	4.01564	CSCO-GEN
595814	4172343	3.8644	CSCO-GEN
595834	4172343	3.69296	CSCO-GEN
595854	4172343	3.48725	CSCO-GEN
595874	4172343	3.3044	CSCO-GEN
595554	4172363	2.99269	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172363	3.51284	CSCO-GEN
595594	4172363	3.97872	CSCO-GEN
595614	4172363	4.37144	CSCO-GEN
595634	4172363	4.66594	CSCO-GEN
595654	4172363	4.85537	CSCO-GEN
595674	4172363	4.95623	CSCO-GEN
595694	4172363	4.98319	CSCO-GEN
595714	4172363	4.9426	CSCO-GEN
595734	4172363	4.84929	CSCO-GEN
595754	4172363	4.71818	CSCO-GEN
595774	4172363	4.55574	CSCO-GEN
595794	4172363	4.36859	CSCO-GEN
595814	4172363	4.1463	CSCO-GEN
595834	4172363	3.92565	CSCO-GEN
595854	4172363	3.69445	CSCO-GEN
595874	4172363	3.47926	CSCO-GEN
595554	4172383	4.1103	CSCO-GEN
595574	4172383	4.69444	CSCO-GEN
595594	4172383	5.17766	CSCO-GEN
595614	4172383	5.5258	CSCO-GEN
595634	4172383	5.73902	CSCO-GEN
595654	4172383	5.83264	CSCO-GEN
595674	4172383	5.82666	CSCO-GEN
595694	4172383	5.7341	CSCO-GEN
595714	4172383	5.57868	CSCO-GEN
595734	4172383	5.38934	CSCO-GEN
595754	4172383	5.15999	CSCO-GEN
595774	4172383	4.92554	CSCO-GEN
595794	4172383	4.63698	CSCO-GEN
595814	4172383	4.38565	CSCO-GEN
595834	4172383	4.11404	CSCO-GEN
595854	4172383	3.86905	CSCO-GEN
595554	4172403	6.94052	CSCO-GEN
595574	4172403	6.2555	CSCO-GEN
595594	4172403	6.6654	CSCO-GEN
595614	4172403	6.87429	CSCO-GEN
595634	4172403	6.92288	CSCO-GEN
595654	4172403	6.84907	CSCO-GEN
595674	4172403	6.6645	CSCO-GEN
595694	4172403	6.43348	CSCO-GEN
595714	4172403	6.16509	CSCO-GEN
595734	4172403	5.8711	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172403	5.54086	CSCO-GEN
595774	4172403	5.20724	CSCO-GEN
595794	4172403	4.89629	CSCO-GEN
595814	4172403	4.57365	CSCO-GEN
595834	4172403	4.27319	CSCO-GEN
595854	4172403	3.98793	CSCO-GEN
595074	4172423	1.80672	CSCO-GEN
595094	4172423	1.99497	CSCO-GEN
595554	4172423	8.88489	CSCO-GEN
595574	4172423	8.55724	CSCO-GEN
595594	4172423	8.38444	CSCO-GEN
595614	4172423	8.33739	CSCO-GEN
595634	4172423	8.13741	CSCO-GEN
595654	4172423	7.82235	CSCO-GEN
595674	4172423	7.45292	CSCO-GEN
595694	4172423	7.06336	CSCO-GEN
595714	4172423	6.6594	CSCO-GEN
595734	4172423	6.22171	CSCO-GEN
595754	4172423	5.81857	CSCO-GEN
595774	4172423	5.44781	CSCO-GEN
595794	4172423	5.06967	CSCO-GEN
595814	4172423	4.71986	CSCO-GEN
595834	4172423	4.39628	CSCO-GEN
595854	4172423	4.04701	CSCO-GEN
595074	4172443	1.68518	CSCO-GEN
595094	4172443	1.86757	CSCO-GEN
595114	4172443	2.07018	CSCO-GEN
595134	4172443	2.30092	CSCO-GEN
595534	4172443	9.39953	CSCO-GEN
595554	4172443	10.71489	CSCO-GEN
595574	4172443	13.33366	CSCO-GEN
595594	4172443	10.21721	CSCO-GEN
595614	4172443	9.7691	CSCO-GEN
595634	4172443	9.24025	CSCO-GEN
595654	4172443	8.67787	CSCO-GEN
595674	4172443	8.10616	CSCO-GEN
595694	4172443	7.53072	CSCO-GEN
595714	4172443	6.9878	CSCO-GEN
595734	4172443	6.48164	CSCO-GEN
595754	4172443	6.01	CSCO-GEN
595774	4172443	5.58479	CSCO-GEN
595794	4172443	5.18976	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172443	4.73137	CSCO-GEN
595834	4172443	4.38505	CSCO-GEN
595854	4172443	4.05438	CSCO-GEN
595054	4172463	1.38367	CSCO-GEN
595074	4172463	1.53236	CSCO-GEN
595094	4172463	1.7006	CSCO-GEN
595114	4172463	1.8922	CSCO-GEN
595534	4172463	12.41101	CSCO-GEN
595554	4172463	12.78985	CSCO-GEN
595574	4172463	15.96572	CSCO-GEN
595594	4172463	12.47392	CSCO-GEN
595614	4172463	10.95223	CSCO-GEN
595634	4172463	10.10514	CSCO-GEN
595654	4172463	9.296	CSCO-GEN
595674	4172463	8.49336	CSCO-GEN
595694	4172463	7.79631	CSCO-GEN
595714	4172463	7.19106	CSCO-GEN
595734	4172463	6.61015	CSCO-GEN
595754	4172463	6.06946	CSCO-GEN
595774	4172463	5.5699	CSCO-GEN
595794	4172463	5.15056	CSCO-GEN
595814	4172463	4.75266	CSCO-GEN
595834	4172463	4.38705	CSCO-GEN
595054	4172483	1.22314	CSCO-GEN
595074	4172483	1.35335	CSCO-GEN
595094	4172483	1.49995	CSCO-GEN
595114	4172483	1.66631	CSCO-GEN
595534	4172483	15.49008	CSCO-GEN
595554	4172483	15.06199	CSCO-GEN
595574	4172483	18.6531	CSCO-GEN
595594	4172483	14.47749	CSCO-GEN
595614	4172483	11.71245	CSCO-GEN
595634	4172483	10.52863	CSCO-GEN
595654	4172483	9.5362	CSCO-GEN
595674	4172483	8.66602	CSCO-GEN
595694	4172483	7.88136	CSCO-GEN
595714	4172483	7.13874	CSCO-GEN
595734	4172483	6.50677	CSCO-GEN
595754	4172483	5.98002	CSCO-GEN
595774	4172483	5.50525	CSCO-GEN
595794	4172483	5.08171	CSCO-GEN
595814	4172483	4.67555	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172483	4.33768	CSCO-GEN
595034	4172503	0.95518	CSCO-GEN
595054	4172503	1.04762	CSCO-GEN
595074	4172503	1.15515	CSCO-GEN
595094	4172503	1.27382	CSCO-GEN
595114	4172503	1.40871	CSCO-GEN
595534	4172503	17.54954	CSCO-GEN
595554	4172503	16.15092	CSCO-GEN
595574	4172503	20.6058	CSCO-GEN
595594	4172503	15.53839	CSCO-GEN
595614	4172503	11.8668	CSCO-GEN
595634	4172503	10.52716	CSCO-GEN
595654	4172503	9.4474	CSCO-GEN
595674	4172503	8.41342	CSCO-GEN
595694	4172503	7.64991	CSCO-GEN
595714	4172503	6.92751	CSCO-GEN
595734	4172503	6.3479	CSCO-GEN
595754	4172503	5.8197	CSCO-GEN
595774	4172503	5.34417	CSCO-GEN
595794	4172503	4.92223	CSCO-GEN
595814	4172503	4.52487	CSCO-GEN
595834	4172503	4.15787	CSCO-GEN
595034	4172523	0.78982	CSCO-GEN
595054	4172523	0.86369	CSCO-GEN
595074	4172523	0.94543	CSCO-GEN
595094	4172523	1.0334	CSCO-GEN
595514	4172523	17.7951	CSCO-GEN
595534	4172523	17.42012	CSCO-GEN
595554	4172523	19.68932	CSCO-GEN
595574	4172523	20.60421	CSCO-GEN
595594	4172523	14.04055	CSCO-GEN
595614	4172523	11.12912	CSCO-GEN
595634	4172523	9.91398	CSCO-GEN
595654	4172523	8.89194	CSCO-GEN
595674	4172523	8.00507	CSCO-GEN
595694	4172523	7.25568	CSCO-GEN
595714	4172523	6.60481	CSCO-GEN
595734	4172523	6.00437	CSCO-GEN
595754	4172523	5.46147	CSCO-GEN
595774	4172523	5.059	CSCO-GEN
595794	4172523	4.6616	CSCO-GEN
595814	4172523	4.28329	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172523	3.97359	CSCO-GEN
595034	4172543	0.63233	CSCO-GEN
595054	4172543	0.68591	CSCO-GEN
595074	4172543	0.74228	CSCO-GEN
595094	4172543	0.80406	CSCO-GEN
595514	4172543	16.15426	CSCO-GEN
595534	4172543	16.89743	CSCO-GEN
595554	4172543	21.02232	CSCO-GEN
595574	4172543	15.97946	CSCO-GEN
595594	4172543	11.65336	CSCO-GEN
595614	4172543	9.86363	CSCO-GEN
595634	4172543	8.97571	CSCO-GEN
595654	4172543	8.08722	CSCO-GEN
595674	4172543	7.13557	CSCO-GEN
595694	4172543	6.54265	CSCO-GEN
595714	4172543	6.04462	CSCO-GEN
595734	4172543	5.57077	CSCO-GEN
595754	4172543	5.12676	CSCO-GEN
595774	4172543	4.75143	CSCO-GEN
595794	4172543	4.39309	CSCO-GEN
595814	4172543	4.0783	CSCO-GEN
595014	4172563	0.46284	CSCO-GEN
595034	4172563	0.49573	CSCO-GEN
595054	4172563	0.53071	CSCO-GEN
595074	4172563	0.56746	CSCO-GEN
595094	4172563	0.60702	CSCO-GEN
595514	4172563	16.48725	CSCO-GEN
595534	4172563	18.05997	CSCO-GEN
595554	4172563	15.80342	CSCO-GEN
595574	4172563	11.61281	CSCO-GEN
595594	4172563	9.40183	CSCO-GEN
595614	4172563	8.40448	CSCO-GEN
595634	4172563	7.84112	CSCO-GEN
595654	4172563	7.05507	CSCO-GEN
595674	4172563	6.43124	CSCO-GEN
595694	4172563	5.88722	CSCO-GEN
595714	4172563	5.44296	CSCO-GEN
595734	4172563	5.02818	CSCO-GEN
595754	4172563	4.71877	CSCO-GEN
595774	4172563	4.38608	CSCO-GEN
595794	4172563	4.06005	CSCO-GEN
595814	4172563	3.7471	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595014	4172583	0.36517	CSCO-GEN
595034	4172583	0.38674	CSCO-GEN
595054	4172583	0.40957	CSCO-GEN
595074	4172583	0.43239	CSCO-GEN
595494	4172583	15.86934	CSCO-GEN
595514	4172583	14.63611	CSCO-GEN
595534	4172583	12.18348	CSCO-GEN
595554	4172583	9.90858	CSCO-GEN
595574	4172583	8.40237	CSCO-GEN
595594	4172583	7.59571	CSCO-GEN
595614	4172583	7.08206	CSCO-GEN
595634	4172583	6.59882	CSCO-GEN
595654	4172583	5.97455	CSCO-GEN
595674	4172583	5.539	CSCO-GEN
595694	4172583	5.14398	CSCO-GEN
595714	4172583	4.78492	CSCO-GEN
595734	4172583	4.50168	CSCO-GEN
595754	4172583	4.22853	CSCO-GEN
595774	4172583	3.9515	CSCO-GEN
595794	4172583	3.68951	CSCO-GEN
595814	4172583	3.44171	CSCO-GEN
595034	4172603	0.30497	CSCO-GEN
595054	4172603	0.31907	CSCO-GEN
595074	4172603	0.33341	CSCO-GEN
595494	4172603	9.33669	CSCO-GEN
595514	4172603	8.5024	CSCO-GEN
595534	4172603	7.67987	CSCO-GEN
595554	4172603	6.95083	CSCO-GEN
595574	4172603	6.4291	CSCO-GEN
595594	4172603	6.13771	CSCO-GEN
595614	4172603	5.99545	CSCO-GEN
595634	4172603	5.62553	CSCO-GEN
595654	4172603	5.18934	CSCO-GEN
595674	4172603	4.85828	CSCO-GEN
595694	4172603	4.54848	CSCO-GEN
595714	4172603	4.25958	CSCO-GEN
595734	4172603	4.06372	CSCO-GEN
595754	4172603	3.82866	CSCO-GEN
595774	4172603	3.59867	CSCO-GEN
595794	4172603	3.36894	CSCO-GEN
595474	4172623	6.41784	CSCO-GEN
595494	4172623	6.44922	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4172623	5.8832	CSCO-GEN
595534	4172623	5.72181	CSCO-GEN
595554	4172623	5.50811	CSCO-GEN
595574	4172623	5.36253	CSCO-GEN
595594	4172623	5.15503	CSCO-GEN
595614	4172623	4.97757	CSCO-GEN
595634	4172623	4.73646	CSCO-GEN
595654	4172623	4.49948	CSCO-GEN
595674	4172623	4.19368	CSCO-GEN
595694	4172623	3.94062	CSCO-GEN
595714	4172623	3.7411	CSCO-GEN
595734	4172623	3.57022	CSCO-GEN
595754	4172623	3.36527	CSCO-GEN
595774	4172623	3.22544	CSCO-GEN
595794	4172623	3.03047	CSCO-GEN
595814	4172623	2.84408	CSCO-GEN
595474	4172643	4.40702	CSCO-GEN
595494	4172643	4.53737	CSCO-GEN
595514	4172643	4.58629	CSCO-GEN
595534	4172643	4.54303	CSCO-GEN
595554	4172643	4.48833	CSCO-GEN
595574	4172643	4.40537	CSCO-GEN
595594	4172643	4.29184	CSCO-GEN
595614	4172643	4.15697	CSCO-GEN
595634	4172643	3.88669	CSCO-GEN
595654	4172643	3.83397	CSCO-GEN
595674	4172643	3.69489	CSCO-GEN
595694	4172643	3.52957	CSCO-GEN
595714	4172643	3.3611	CSCO-GEN
595734	4172643	3.19297	CSCO-GEN
595754	4172643	3.02962	CSCO-GEN
595774	4172643	2.87969	CSCO-GEN
595794	4172643	2.71594	CSCO-GEN
595814	4172643	2.57598	CSCO-GEN
595474	4172663	3.46464	CSCO-GEN
595494	4172663	3.61779	CSCO-GEN
595514	4172663	3.69188	CSCO-GEN
595534	4172663	3.72823	CSCO-GEN
595554	4172663	3.7254	CSCO-GEN
595574	4172663	3.68758	CSCO-GEN
595594	4172663	3.62023	CSCO-GEN
595614	4172663	3.46868	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172663	3.33806	CSCO-GEN
595654	4172663	3.24311	CSCO-GEN
595674	4172663	3.11907	CSCO-GEN
595694	4172663	3.03499	CSCO-GEN
595714	4172663	2.94198	CSCO-GEN
595734	4172663	2.83553	CSCO-GEN
595754	4172663	2.71396	CSCO-GEN
595774	4172663	2.59133	CSCO-GEN
595794	4172663	2.46702	CSCO-GEN
595814	4172663	2.33335	CSCO-GEN
595454	4172683	2.60295	CSCO-GEN
595474	4172683	2.84276	CSCO-GEN
595494	4172683	2.98008	CSCO-GEN
595514	4172683	3.07538	CSCO-GEN
595534	4172683	3.13876	CSCO-GEN
595554	4172683	3.15261	CSCO-GEN
595574	4172683	3.13855	CSCO-GEN
595594	4172683	3.10089	CSCO-GEN
595614	4172683	2.95809	CSCO-GEN
595634	4172683	2.89287	CSCO-GEN
595654	4172683	2.81818	CSCO-GEN
595674	4172683	2.74006	CSCO-GEN
595694	4172683	2.70237	CSCO-GEN
595714	4172683	2.59956	CSCO-GEN
595734	4172683	2.50737	CSCO-GEN
595754	4172683	2.39651	CSCO-GEN
595774	4172683	2.28293	CSCO-GEN
595794	4172683	2.20455	CSCO-GEN
595814	4172683	2.1118	CSCO-GEN
595474	4172703	2.39258	CSCO-GEN
595494	4172703	2.53643	CSCO-GEN
595514	4172703	2.62423	CSCO-GEN
595534	4172703	2.68007	CSCO-GEN
595554	4172703	2.70624	CSCO-GEN
595574	4172703	2.70085	CSCO-GEN
595594	4172703	2.64837	CSCO-GEN
595614	4172703	2.57137	CSCO-GEN
595634	4172703	2.52526	CSCO-GEN
595654	4172703	2.46801	CSCO-GEN
595674	4172703	2.41109	CSCO-GEN
595694	4172703	2.38219	CSCO-GEN
595714	4172703	2.29965	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172703	2.2339	CSCO-GEN
595754	4172703	2.1515	CSCO-GEN
595774	4172703	2.06488	CSCO-GEN
595794	4172703	1.96815	CSCO-GEN
595814	4172703	1.88156	CSCO-GEN
595834	4172703	1.79399	CSCO-GEN
595294	4172723	0.25556	CSCO-GEN
595314	4172723	0.28846	CSCO-GEN
595514	4172723	2.28306	CSCO-GEN
595534	4172723	2.32479	CSCO-GEN
595554	4172723	2.34214	CSCO-GEN
595574	4172723	2.34845	CSCO-GEN
595594	4172723	2.3459	CSCO-GEN
595614	4172723	2.27348	CSCO-GEN
595634	4172723	2.2291	CSCO-GEN
595654	4172723	2.18199	CSCO-GEN
595674	4172723	2.15015	CSCO-GEN
595694	4172723	2.10942	CSCO-GEN
595714	4172723	2.0531	CSCO-GEN
595734	4172723	1.99432	CSCO-GEN
595754	4172723	1.91603	CSCO-GEN
595774	4172723	1.84694	CSCO-GEN
595794	4172723	1.76938	CSCO-GEN
595814	4172723	1.69641	CSCO-GEN
595834	4172723	1.62698	CSCO-GEN
595294	4172743	0.24477	CSCO-GEN
595314	4172743	0.27884	CSCO-GEN
595334	4172743	0.34123	CSCO-GEN
595354	4172743	0.45393	CSCO-GEN
595374	4172743	0.6137	CSCO-GEN
595534	4172743	2.04318	CSCO-GEN
595554	4172743	2.06307	CSCO-GEN
595574	4172743	2.06227	CSCO-GEN
595594	4172743	2.05679	CSCO-GEN
595614	4172743	2.0373	CSCO-GEN
595634	4172743	2.02563	CSCO-GEN
595654	4172743	1.96225	CSCO-GEN
595674	4172743	1.93494	CSCO-GEN
595694	4172743	1.87903	CSCO-GEN
595714	4172743	1.8402	CSCO-GEN
595734	4172743	1.77908	CSCO-GEN
595754	4172743	1.71195	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172743	1.64143	CSCO-GEN
595794	4172743	1.59337	CSCO-GEN
595814	4172743	1.53531	CSCO-GEN
595834	4172743	1.46713	CSCO-GEN
595274	4172763	0.2148	CSCO-GEN
595294	4172763	0.23691	CSCO-GEN
595314	4172763	0.27017	CSCO-GEN
595334	4172763	0.33087	CSCO-GEN
595354	4172763	0.43132	CSCO-GEN
595374	4172763	0.56518	CSCO-GEN
595394	4172763	0.75659	CSCO-GEN
595414	4172763	0.98817	CSCO-GEN
595534	4172763	1.81151	CSCO-GEN
595554	4172763	1.82742	CSCO-GEN
595574	4172763	1.83334	CSCO-GEN
595594	4172763	1.82773	CSCO-GEN
595614	4172763	1.80856	CSCO-GEN
595634	4172763	1.788	CSCO-GEN
595654	4172763	1.75928	CSCO-GEN
595674	4172763	1.72856	CSCO-GEN
595694	4172763	1.68256	CSCO-GEN
595714	4172763	1.64454	CSCO-GEN
595734	4172763	1.59792	CSCO-GEN
595754	4172763	1.54444	CSCO-GEN
595774	4172763	1.48639	CSCO-GEN
595794	4172763	1.43316	CSCO-GEN
595814	4172763	1.37775	CSCO-GEN
594934	4172783	0.07944	CSCO-GEN
594954	4172783	0.08191	CSCO-GEN
594974	4172783	0.08538	CSCO-GEN
595274	4172783	0.20218	CSCO-GEN
595294	4172783	0.22719	CSCO-GEN
595314	4172783	0.26923	CSCO-GEN
595334	4172783	0.32461	CSCO-GEN
595354	4172783	0.40232	CSCO-GEN
595374	4172783	0.52337	CSCO-GEN
595394	4172783	0.68418	CSCO-GEN
595414	4172783	0.8772	CSCO-GEN
595434	4172783	1.08158	CSCO-GEN
595454	4172783	1.2717	CSCO-GEN
595514	4172783	1.58139	CSCO-GEN
595534	4172783	1.61227	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172783	1.6299	CSCO-GEN
595574	4172783	1.63585	CSCO-GEN
595594	4172783	1.63207	CSCO-GEN
595614	4172783	1.62237	CSCO-GEN
595634	4172783	1.60289	CSCO-GEN
595654	4172783	1.57709	CSCO-GEN
595674	4172783	1.5453	CSCO-GEN
595694	4172783	1.51244	CSCO-GEN
595714	4172783	1.48419	CSCO-GEN
595734	4172783	1.44402	CSCO-GEN
595754	4172783	1.40221	CSCO-GEN
595774	4172783	1.35759	CSCO-GEN
595794	4172783	1.31285	CSCO-GEN
595814	4172783	1.25744	CSCO-GEN
594894	4172803	0.06805	CSCO-GEN
594914	4172803	0.07102	CSCO-GEN
594934	4172803	0.07434	CSCO-GEN
594954	4172803	0.07725	CSCO-GEN
594974	4172803	0.08056	CSCO-GEN
595274	4172803	0.18993	CSCO-GEN
595294	4172803	0.21384	CSCO-GEN
595314	4172803	0.25257	CSCO-GEN
595334	4172803	0.31173	CSCO-GEN
595354	4172803	0.38302	CSCO-GEN
595374	4172803	0.48759	CSCO-GEN
595394	4172803	0.62231	CSCO-GEN
595414	4172803	0.78754	CSCO-GEN
595434	4172803	0.96062	CSCO-GEN
595454	4172803	1.12539	CSCO-GEN
595474	4172803	1.26046	CSCO-GEN
595494	4172803	1.35774	CSCO-GEN
595514	4172803	1.41656	CSCO-GEN
595534	4172803	1.44823	CSCO-GEN
595554	4172803	1.46425	CSCO-GEN
595574	4172803	1.46984	CSCO-GEN
595594	4172803	1.46677	CSCO-GEN
595614	4172803	1.45635	CSCO-GEN
595634	4172803	1.44358	CSCO-GEN
595654	4172803	1.42372	CSCO-GEN
595674	4172803	1.3985	CSCO-GEN
595694	4172803	1.36749	CSCO-GEN
595714	4172803	1.33101	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172803	1.30171	CSCO-GEN
595754	4172803	1.26243	CSCO-GEN
595774	4172803	1.22651	CSCO-GEN
595794	4172803	1.1827	CSCO-GEN
595814	4172803	1.13993	CSCO-GEN
594874	4172823	0.06165	CSCO-GEN
594894	4172823	0.06445	CSCO-GEN
594914	4172823	0.06726	CSCO-GEN
594934	4172823	0.0701	CSCO-GEN
594954	4172823	0.07285	CSCO-GEN
595254	4172823	0.16319	CSCO-GEN
595274	4172823	0.18056	CSCO-GEN
595294	4172823	0.20587	CSCO-GEN
595314	4172823	0.24477	CSCO-GEN
595334	4172823	0.29355	CSCO-GEN
595354	4172823	0.36086	CSCO-GEN
595374	4172823	0.45498	CSCO-GEN
595394	4172823	0.57032	CSCO-GEN
595414	4172823	0.70955	CSCO-GEN
595434	4172823	0.85782	CSCO-GEN
595454	4172823	1.00212	CSCO-GEN
595474	4172823	1.1217	CSCO-GEN
595494	4172823	1.21216	CSCO-GEN
595514	4172823	1.27177	CSCO-GEN
595534	4172823	1.30404	CSCO-GEN
595554	4172823	1.31962	CSCO-GEN
595574	4172823	1.32625	CSCO-GEN
595594	4172823	1.32422	CSCO-GEN
595614	4172823	1.31573	CSCO-GEN
595634	4172823	1.30136	CSCO-GEN
595654	4172823	1.28405	CSCO-GEN
595674	4172823	1.26705	CSCO-GEN
595694	4172823	1.23431	CSCO-GEN
595714	4172823	1.20717	CSCO-GEN
595734	4172823	1.17961	CSCO-GEN
595754	4172823	1.14567	CSCO-GEN
595774	4172823	1.11451	CSCO-GEN
595794	4172823	1.07783	CSCO-GEN
595814	4172823	1.03964	CSCO-GEN
594874	4172843	0.05893	CSCO-GEN
594894	4172843	0.06092	CSCO-GEN
594914	4172843	0.06356	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594934	4172843	0.06633	CSCO-GEN
594954	4172843	0.06912	CSCO-GEN
595254	4172843	0.15492	CSCO-GEN
595274	4172843	0.17416	CSCO-GEN
595294	4172843	0.19912	CSCO-GEN
595314	4172843	0.23562	CSCO-GEN
595334	4172843	0.27816	CSCO-GEN
595354	4172843	0.34039	CSCO-GEN
595374	4172843	0.42271	CSCO-GEN
595394	4172843	0.52276	CSCO-GEN
595414	4172843	0.64343	CSCO-GEN
595434	4172843	0.77007	CSCO-GEN
595454	4172843	0.89715	CSCO-GEN
595474	4172843	1.00446	CSCO-GEN
595494	4172843	1.08876	CSCO-GEN
595514	4172843	1.14484	CSCO-GEN
595534	4172843	1.1766	CSCO-GEN
595554	4172843	1.19266	CSCO-GEN
595574	4172843	1.19846	CSCO-GEN
595594	4172843	1.19961	CSCO-GEN
595614	4172843	1.19015	CSCO-GEN
595634	4172843	1.17929	CSCO-GEN
595654	4172843	1.16387	CSCO-GEN
595674	4172843	1.14554	CSCO-GEN
595694	4172843	1.1174	CSCO-GEN
595714	4172843	1.09901	CSCO-GEN
595734	4172843	1.07482	CSCO-GEN
595754	4172843	1.04442	CSCO-GEN
595774	4172843	1.01714	CSCO-GEN
595794	4172843	0.98632	CSCO-GEN
595814	4172843	0.95213	CSCO-GEN
594854	4172863	0.05395	CSCO-GEN
594874	4172863	0.05619	CSCO-GEN
594894	4172863	0.05786	CSCO-GEN
594914	4172863	0.0601	CSCO-GEN
594934	4172863	0.06319	CSCO-GEN
595234	4172863	0.13448	CSCO-GEN
595254	4172863	0.14749	CSCO-GEN
595274	4172863	0.16533	CSCO-GEN
595294	4172863	0.19238	CSCO-GEN
595314	4172863	0.22387	CSCO-GEN
595334	4172863	0.26503	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595354	4172863	0.32029	CSCO-GEN
595374	4172863	0.3936	CSCO-GEN
595394	4172863	0.47939	CSCO-GEN
595414	4172863	0.58301	CSCO-GEN
595434	4172863	0.69428	CSCO-GEN
595454	4172863	0.80558	CSCO-GEN
595474	4172863	0.90371	CSCO-GEN
595494	4172863	0.98028	CSCO-GEN
595514	4172863	1.03435	CSCO-GEN
595534	4172863	1.06641	CSCO-GEN
595554	4172863	1.0807	CSCO-GEN
595574	4172863	1.0886	CSCO-GEN
595594	4172863	1.09063	CSCO-GEN
595614	4172863	1.08492	CSCO-GEN
595634	4172863	1.07057	CSCO-GEN
595654	4172863	1.05906	CSCO-GEN
595674	4172863	1.04107	CSCO-GEN
595694	4172863	1.01854	CSCO-GEN
595714	4172863	1.00044	CSCO-GEN
595734	4172863	0.97999	CSCO-GEN
595754	4172863	0.95387	CSCO-GEN
595774	4172863	0.92978	CSCO-GEN
595794	4172863	0.90169	CSCO-GEN
594854	4172883	0.05112	CSCO-GEN
594874	4172883	0.05298	CSCO-GEN
594894	4172883	0.05505	CSCO-GEN
594914	4172883	0.05752	CSCO-GEN
595234	4172883	0.12861	CSCO-GEN
595254	4172883	0.14173	CSCO-GEN
595274	4172883	0.15913	CSCO-GEN
595294	4172883	0.18304	CSCO-GEN
595314	4172883	0.21145	CSCO-GEN
595334	4172883	0.25174	CSCO-GEN
595354	4172883	0.30373	CSCO-GEN
595374	4172883	0.3681	CSCO-GEN
595394	4172883	0.44173	CSCO-GEN
595414	4172883	0.53101	CSCO-GEN
595434	4172883	0.62802	CSCO-GEN
595454	4172883	0.72403	CSCO-GEN
595474	4172883	0.81243	CSCO-GEN
595494	4172883	0.88398	CSCO-GEN
595514	4172883	0.93606	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172883	0.96807	CSCO-GEN
595554	4172883	0.98593	CSCO-GEN
595574	4172883	0.99406	CSCO-GEN
595594	4172883	0.99033	CSCO-GEN
595614	4172883	0.98529	CSCO-GEN
595634	4172883	0.97797	CSCO-GEN
595654	4172883	0.96667	CSCO-GEN
595674	4172883	0.94499	CSCO-GEN
595694	4172883	0.93102	CSCO-GEN
595714	4172883	0.91214	CSCO-GEN
595734	4172883	0.89419	CSCO-GEN
595754	4172883	0.87521	CSCO-GEN
595774	4172883	0.85142	CSCO-GEN
595794	4172883	0.82716	CSCO-GEN
594854	4172903	0.04875	CSCO-GEN
594874	4172903	0.05071	CSCO-GEN
594894	4172903	0.05295	CSCO-GEN
594914	4172903	0.0557	CSCO-GEN
595234	4172903	0.1235	CSCO-GEN
595254	4172903	0.13642	CSCO-GEN
595274	4172903	0.15348	CSCO-GEN
595294	4172903	0.17502	CSCO-GEN
595314	4172903	0.20161	CSCO-GEN
595334	4172903	0.23806	CSCO-GEN
595354	4172903	0.28299	CSCO-GEN
595374	4172903	0.34054	CSCO-GEN
595394	4172903	0.40882	CSCO-GEN
595414	4172903	0.48585	CSCO-GEN
595434	4172903	0.56918	CSCO-GEN
595454	4172903	0.65445	CSCO-GEN
595474	4172903	0.73223	CSCO-GEN
595494	4172903	0.79899	CSCO-GEN
595514	4172903	0.84797	CSCO-GEN
595534	4172903	0.87961	CSCO-GEN
595554	4172903	0.89752	CSCO-GEN
595574	4172903	0.90609	CSCO-GEN
595594	4172903	0.90372	CSCO-GEN
595614	4172903	0.8986	CSCO-GEN
595634	4172903	0.89212	CSCO-GEN
595654	4172903	0.88156	CSCO-GEN
595674	4172903	0.86276	CSCO-GEN
595694	4172903	0.85057	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172903	0.83518	CSCO-GEN
595734	4172903	0.81725	CSCO-GEN
595754	4172903	0.80049	CSCO-GEN
595774	4172903	0.78002	CSCO-GEN
595794	4172903	0.76137	CSCO-GEN
594854	4172923	0.0468	CSCO-GEN
594874	4172923	0.04906	CSCO-GEN
594894	4172923	0.05159	CSCO-GEN
594914	4172923	0.05465	CSCO-GEN
595254	4172923	0.13171	CSCO-GEN
595274	4172923	0.14757	CSCO-GEN
595294	4172923	0.16698	CSCO-GEN
595314	4172923	0.1921	CSCO-GEN
595334	4172923	0.22555	CSCO-GEN
595354	4172923	0.26549	CSCO-GEN
595374	4172923	0.31563	CSCO-GEN
595394	4172923	0.37395	CSCO-GEN
595414	4172923	0.44204	CSCO-GEN
595434	4172923	0.51696	CSCO-GEN
595454	4172923	0.59186	CSCO-GEN
595474	4172923	0.6619	CSCO-GEN
595494	4172923	0.72259	CSCO-GEN
595514	4172923	0.76906	CSCO-GEN
595534	4172923	0.80054	CSCO-GEN
595554	4172923	0.81967	CSCO-GEN
595574	4172923	0.82805	CSCO-GEN
595594	4172923	0.82705	CSCO-GEN
595614	4172923	0.82295	CSCO-GEN
595634	4172923	0.81483	CSCO-GEN
595654	4172923	0.80047	CSCO-GEN
595674	4172923	0.79074	CSCO-GEN
595694	4172923	0.77856	CSCO-GEN
595714	4172923	0.76482	CSCO-GEN
595734	4172923	0.75012	CSCO-GEN
595754	4172923	0.73328	CSCO-GEN
595774	4172923	0.71774	CSCO-GEN
595314	4172943	0.18322	CSCO-GEN
595334	4172943	0.21295	CSCO-GEN
595354	4172943	0.25007	CSCO-GEN
595374	4172943	0.29317	CSCO-GEN
595394	4172943	0.34528	CSCO-GEN
595414	4172943	0.40409	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595434	4172943	0.46829	CSCO-GEN
595454	4172943	0.53456	CSCO-GEN
595474	4172943	0.59914	CSCO-GEN
595494	4172943	0.65462	CSCO-GEN
595514	4172943	0.69939	CSCO-GEN
595534	4172943	0.73036	CSCO-GEN
595554	4172943	0.74845	CSCO-GEN
595574	4172943	0.75531	CSCO-GEN
595594	4172943	0.75811	CSCO-GEN
595614	4172943	0.75569	CSCO-GEN
595634	4172943	0.74792	CSCO-GEN
595654	4172943	0.7339	CSCO-GEN
595674	4172943	0.72551	CSCO-GEN
595694	4172943	0.71568	CSCO-GEN
595714	4172943	0.70165	CSCO-GEN
595734	4172943	0.68842	CSCO-GEN
595754	4172943	0.67449	CSCO-GEN
595774	4172943	0.65873	CSCO-GEN
595314	4172963	0.17402	CSCO-GEN
595334	4172963	0.20203	CSCO-GEN
595354	4172963	0.23514	CSCO-GEN
595374	4172963	0.27329	CSCO-GEN
595394	4172963	0.31838	CSCO-GEN
595414	4172963	0.3694	CSCO-GEN
595434	4172963	0.4265	CSCO-GEN
595454	4172963	0.48494	CSCO-GEN
595474	4172963	0.54071	CSCO-GEN
595494	4172963	0.59317	CSCO-GEN
595514	4172963	0.63481	CSCO-GEN
595534	4172963	0.66562	CSCO-GEN
595554	4172963	0.68385	CSCO-GEN
595574	4172963	0.69264	CSCO-GEN
595594	4172963	0.69486	CSCO-GEN
595614	4172963	0.69378	CSCO-GEN
595634	4172963	0.68359	CSCO-GEN
595654	4172963	0.67481	CSCO-GEN
595674	4172963	0.66741	CSCO-GEN
595694	4172963	0.65649	CSCO-GEN
595714	4172963	0.64571	CSCO-GEN
595734	4172963	0.63419	CSCO-GEN
595754	4172963	0.6197	CSCO-GEN
595314	4172983	0.16547	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595334	4172983	0.19073	CSCO-GEN
595354	4172983	0.22084	CSCO-GEN
595374	4172983	0.2547	CSCO-GEN
595394	4172983	0.29471	CSCO-GEN
595414	4172983	0.33935	CSCO-GEN
595434	4172983	0.38958	CSCO-GEN
595454	4172983	0.44052	CSCO-GEN
595474	4172983	0.4914	CSCO-GEN
595494	4172983	0.53824	CSCO-GEN
595514	4172983	0.57618	CSCO-GEN
595534	4172983	0.60594	CSCO-GEN
595554	4172983	0.62476	CSCO-GEN
595574	4172983	0.63372	CSCO-GEN
595594	4172983	0.63703	CSCO-GEN
595614	4172983	0.63672	CSCO-GEN
595634	4172983	0.62554	CSCO-GEN
595654	4172983	0.62098	CSCO-GEN
595674	4172983	0.61335	CSCO-GEN
595694	4172983	0.60572	CSCO-GEN
595714	4172983	0.59646	CSCO-GEN
595734	4172983	0.58477	CSCO-GEN
595754	4172983	0.5738	CSCO-GEN
595314	4173003	0.15813	CSCO-GEN
595334	4173003	0.17972	CSCO-GEN
595354	4173003	0.20692	CSCO-GEN
595374	4173003	0.23732	CSCO-GEN
595394	4173003	0.27234	CSCO-GEN
595414	4173003	0.31201	CSCO-GEN
595434	4173003	0.35572	CSCO-GEN
595454	4173003	0.40169	CSCO-GEN
595474	4173003	0.44629	CSCO-GEN
595494	4173003	0.48828	CSCO-GEN
595514	4173003	0.52538	CSCO-GEN
595534	4173003	0.55268	CSCO-GEN
595554	4173003	0.57177	CSCO-GEN
595574	4173003	0.58129	CSCO-GEN
595594	4173003	0.58566	CSCO-GEN
595614	4173003	0.58392	CSCO-GEN
595634	4173003	0.57749	CSCO-GEN
595654	4173003	0.57314	CSCO-GEN
595674	4173003	0.56597	CSCO-GEN
595694	4173003	0.55929	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4173003	0.54924	CSCO-GEN
595734	4173003	0.54031	CSCO-GEN
595294	4173023	0.13222	CSCO-GEN
595314	4173023	0.14929	CSCO-GEN
595334	4173023	0.16977	CSCO-GEN
595354	4173023	0.1943	CSCO-GEN
595374	4173023	0.22122	CSCO-GEN
595394	4173023	0.25246	CSCO-GEN
595414	4173023	0.28749	CSCO-GEN
595434	4173023	0.32537	CSCO-GEN
595454	4173023	0.36555	CSCO-GEN
595474	4173023	0.40647	CSCO-GEN
595494	4173023	0.44513	CSCO-GEN
595514	4173023	0.47805	CSCO-GEN
595534	4173023	0.50481	CSCO-GEN
595554	4173023	0.52325	CSCO-GEN
595574	4173023	0.53377	CSCO-GEN
595594	4173023	0.53913	CSCO-GEN
595614	4173023	0.53472	CSCO-GEN
595634	4173023	0.53385	CSCO-GEN
595654	4173023	0.52881	CSCO-GEN
595674	4173023	0.52266	CSCO-GEN
595694	4173023	0.51582	CSCO-GEN
595714	4173023	0.50814	CSCO-GEN
595294	4173043	0.12649	CSCO-GEN
595314	4173043	0.14197	CSCO-GEN
595334	4173043	0.16082	CSCO-GEN
595354	4173043	0.18252	CSCO-GEN
595374	4173043	0.20654	CSCO-GEN
595394	4173043	0.23424	CSCO-GEN
595414	4173043	0.26375	CSCO-GEN
595434	4173043	0.29845	CSCO-GEN
595454	4173043	0.33404	CSCO-GEN
595474	4173043	0.37014	CSCO-GEN
595494	4173043	0.40523	CSCO-GEN
595514	4173043	0.43581	CSCO-GEN
595534	4173043	0.46074	CSCO-GEN
595554	4173043	0.47889	CSCO-GEN
595574	4173043	0.49085	CSCO-GEN
595594	4173043	0.4963	CSCO-GEN
595614	4173043	0.49365	CSCO-GEN
595634	4173043	0.49327	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4173043	0.48888	CSCO-GEN
595674	4173043	0.48384	CSCO-GEN
595694	4173043	0.47619	CSCO-GEN
595294	4173063	0.12071	CSCO-GEN
595314	4173063	0.13508	CSCO-GEN
595334	4173063	0.15202	CSCO-GEN
595354	4173063	0.17156	CSCO-GEN
595374	4173063	0.1929	CSCO-GEN
595394	4173063	0.21649	CSCO-GEN
595414	4173063	0.24295	CSCO-GEN
595434	4173063	0.27311	CSCO-GEN
595454	4173063	0.30595	CSCO-GEN
595474	4173063	0.33864	CSCO-GEN
595494	4173063	0.37071	CSCO-GEN
595514	4173063	0.39891	CSCO-GEN
595534	4173063	0.42212	CSCO-GEN
595554	4173063	0.43989	CSCO-GEN
595574	4173063	0.45154	CSCO-GEN
595594	4173063	0.45584	CSCO-GEN
595614	4173063	0.45654	CSCO-GEN
595634	4173063	0.45586	CSCO-GEN
595654	4173063	0.45276	CSCO-GEN
595354	4173083	0.16113	CSCO-GEN
595374	4173083	0.17965	CSCO-GEN
595394	4173083	0.20056	CSCO-GEN
595414	4173083	0.22414	CSCO-GEN
595434	4173083	0.25107	CSCO-GEN
595454	4173083	0.28035	CSCO-GEN
595474	4173083	0.30975	CSCO-GEN
595494	4173083	0.33972	CSCO-GEN
595514	4173083	0.36571	CSCO-GEN
595534	4173083	0.38587	CSCO-GEN
595554	4173083	0.40392	CSCO-GEN
595574	4173083	0.41524	CSCO-GEN
595594	4173083	0.42197	CSCO-GEN
595614	4173083	0.42159	CSCO-GEN
595334	4173103	0.13527	CSCO-GEN
595354	4173103	0.15098	CSCO-GEN
595374	4173103	0.16747	CSCO-GEN
595394	4173103	0.18608	CSCO-GEN
595414	4173103	0.20712	CSCO-GEN
595434	4173103	0.23121	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595454	4173103	0.25769	CSCO-GEN
595474	4173103	0.28466	CSCO-GEN
595494	4173103	0.31177	CSCO-GEN
595514	4173103	0.33341	CSCO-GEN
595534	4173103	0.35391	CSCO-GEN
595334	4173123	0.12729	CSCO-GEN
595354	4173123	0.14132	CSCO-GEN
595374	4173123	0.15621	CSCO-GEN
595394	4173123	0.17294	CSCO-GEN
595414	4173123	0.1919	CSCO-GEN
595434	4173123	0.21356	CSCO-GEN
595454	4173123	0.23744	CSCO-GEN
595474	4173123	0.26239	CSCO-GEN
595494	4173123	0.28595	CSCO-GEN
595514	4173123	0.30541	CSCO-GEN
595354	4173143	0.13262	CSCO-GEN
595374	4173143	0.14614	CSCO-GEN
595394	4173143	0.16148	CSCO-GEN
595414	4173143	0.17995	CSCO-GEN
595434	4173143	0.19874	CSCO-GEN
595494	4173143	0.26094	CSCO-GEN
595354	4173163	0.12517	CSCO-GEN
595374	4173163	0.13719	CSCO-GEN
595394	4173163	0.15081	CSCO-GEN
595414	4173163	0.16695	CSCO-GEN
595434	4173163	0.18367	CSCO-GEN
595374	4173183	0.12893	CSCO-GEN
595394	4173183	0.14105	CSCO-GEN
595414	4173183	0.15472	CSCO-GEN
595434	4173183	0.16987	CSCO-GEN
595203.12	4172931.43	0.10653	CSCO-GEN
595305.29	4173022.49	0.14149	CSCO-GEN
596059.85	4172738.92	0.85287	CSCO-GEN
595782.4	4171913.24	0.20753	CSCO-GEN
595790.49	4171877.76	0.17059	CSCO-GEN
595826.59	4171700.37	0.07603	CSCO-GEN
595857.85	4171568.4	0.04899	CSCO-GEN
595427.66	4172811.08	0.86618	CSCO-GEN
595616.96	4172890.78	0.95016	CSCO-GEN
595465.61	4172972.42	0.49428	CSCO-GEN
595413.93	4172953.11	0.3856	CSCO-GEN
595207.62	4172857.58	0.12431	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595229.35	4172793.73	0.16311	CSCO-GEN
595251.41	4172717.21	0.22322	CSCO-GEN
595276.16	4172654.64	0.30255	CSCO-GEN
595286.24	4171790.65	0.0924	CSCO-GEN
595306.24	4171790.65	0.09241	CSCO-GEN
595326.24	4171790.65	0.092	CSCO-GEN
595266.24	4171810.65	0.09842	CSCO-GEN
595286.24	4171810.65	0.09824	CSCO-GEN
595306.24	4171810.65	0.09925	CSCO-GEN
595326.24	4171810.65	0.09852	CSCO-GEN
595246.24	4171830.65	0.10494	CSCO-GEN
595266.24	4171830.65	0.10515	CSCO-GEN
595286.24	4171830.65	0.1047	CSCO-GEN
595306.24	4171830.65	0.10543	CSCO-GEN
595326.24	4171830.65	0.10568	CSCO-GEN
595226.24	4171850.65	0.11238	CSCO-GEN
595246.24	4171850.65	0.11311	CSCO-GEN
595266.24	4171850.65	0.11349	CSCO-GEN
595286.24	4171850.65	0.11305	CSCO-GEN
595306.24	4171850.65	0.11319	CSCO-GEN
595326.24	4171850.65	0.1135	CSCO-GEN
595206.24	4171870.65	0.12135	CSCO-GEN
595226.24	4171870.65	0.12153	CSCO-GEN
595246.24	4171870.65	0.12155	CSCO-GEN
595266.24	4171870.65	0.12121	CSCO-GEN
595286.24	4171870.65	0.1214	CSCO-GEN
595306.24	4171870.65	0.12157	CSCO-GEN
595186.24	4171890.65	0.13266	CSCO-GEN
595206.24	4171890.65	0.13091	CSCO-GEN
595226.24	4171890.65	0.13099	CSCO-GEN
595246.24	4171890.65	0.13057	CSCO-GEN
595266.24	4171890.65	0.13055	CSCO-GEN
595286.24	4171890.65	0.1306	CSCO-GEN
595306.24	4171890.65	0.13081	CSCO-GEN
595186.24	4171910.65	0.14324	CSCO-GEN
595206.24	4171910.65	0.14157	CSCO-GEN
595226.24	4171910.65	0.14053	CSCO-GEN
595246.24	4171910.65	0.14095	CSCO-GEN
595266.24	4171910.65	0.14092	CSCO-GEN
595286.24	4171910.65	0.14057	CSCO-GEN
595306.24	4171910.65	0.14086	CSCO-GEN
595166.24	4171930.65	0.15865	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595186.24	4171930.65	0.15495	CSCO-GEN
595206.24	4171930.65	0.15377	CSCO-GEN
595226.24	4171930.65	0.1521	CSCO-GEN
595246.24	4171930.65	0.15252	CSCO-GEN
595266.24	4171930.65	0.15191	CSCO-GEN
595286.24	4171930.65	0.15163	CSCO-GEN
595166.24	4171950.65	0.17368	CSCO-GEN
595186.24	4171950.65	0.16916	CSCO-GEN
595206.24	4171950.65	0.16702	CSCO-GEN
595226.24	4171950.65	0.16454	CSCO-GEN
595246.24	4171950.65	0.16415	CSCO-GEN
595266.24	4171950.65	0.16358	CSCO-GEN
595286.24	4171950.65	0.16401	CSCO-GEN
595146.24	4171970.65	0.19649	CSCO-GEN
595166.24	4171970.65	0.19	CSCO-GEN
595186.24	4171970.65	0.18457	CSCO-GEN
595206.24	4171970.65	0.18101	CSCO-GEN
595226.24	4171970.65	0.17821	CSCO-GEN
595246.24	4171970.65	0.17834	CSCO-GEN
595266.24	4171970.65	0.17733	CSCO-GEN
595146.24	4171990.65	0.21635	CSCO-GEN
595166.24	4171990.65	0.20896	CSCO-GEN
595186.24	4171990.65	0.20255	CSCO-GEN
595206.24	4171990.65	0.19778	CSCO-GEN
595852.66	4171825.33	0.14967	CSCO-GEN
595852.66	4171845.33	0.16748	CSCO-GEN
595852.66	4171865.33	0.18798	CSCO-GEN
595872.66	4171865.33	0.19834	CSCO-GEN
595892.66	4171865.33	0.20843	CSCO-GEN
595832.66	4171885.33	0.20061	CSCO-GEN
595852.66	4171885.33	0.21292	CSCO-GEN
595872.66	4171885.33	0.22432	CSCO-GEN
595892.66	4171885.33	0.23492	CSCO-GEN
595832.66	4171905.33	0.226	CSCO-GEN
595852.66	4171905.33	0.24084	CSCO-GEN
595872.66	4171905.33	0.25432	CSCO-GEN
595892.66	4171905.33	0.27027	CSCO-GEN
595912.66	4171905.33	0.28198	CSCO-GEN
595832.66	4171925.33	0.2551	CSCO-GEN
595852.66	4171925.33	0.27043	CSCO-GEN
595872.66	4171925.33	0.29031	CSCO-GEN
595892.66	4171925.33	0.30664	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595912.66	4171925.33	0.32019	CSCO-GEN
595852.66	4171945.33	0.31075	CSCO-GEN
595872.66	4171945.33	0.33142	CSCO-GEN
595892.66	4171945.33	0.34586	CSCO-GEN
595912.66	4171945.33	0.36025	CSCO-GEN
595932.66	4171945.33	0.37311	CSCO-GEN
595102.43	4172101.44	0.44912	CSCO-GEN
595122.43	4172101.44	0.42582	CSCO-GEN
595142.43	4172101.44	0.4036	CSCO-GEN
595102.43	4172121.44	0.51025	CSCO-GEN
595122.43	4172121.44	0.48193	CSCO-GEN
595142.43	4172121.44	0.45531	CSCO-GEN
595082.43	4172141.44	0.6139	CSCO-GEN
595102.43	4172141.44	0.58139	CSCO-GEN
595122.43	4172141.44	0.54913	CSCO-GEN
595142.43	4172141.44	0.51705	CSCO-GEN
595082.43	4172161.44	0.70295	CSCO-GEN
595102.43	4172161.44	0.66705	CSCO-GEN
595122.43	4172161.44	0.62847	CSCO-GEN
595142.43	4172161.44	0.58988	CSCO-GEN
595082.43	4172181.44	0.80192	CSCO-GEN
595102.43	4172181.44	0.76471	CSCO-GEN
595122.43	4172181.44	0.72083	CSCO-GEN
595142.43	4172181.44	0.67532	CSCO-GEN
595062.43	4172201.44	0.9472	CSCO-GEN
595082.43	4172201.44	0.91683	CSCO-GEN
595102.43	4172201.44	0.87785	CSCO-GEN
595122.43	4172201.44	0.8304	CSCO-GEN
595142.43	4172201.44	0.77764	CSCO-GEN
595162.43	4172201.44	0.72404	CSCO-GEN
595062.43	4172221.44	1.07005	CSCO-GEN
595082.43	4172221.44	1.04389	CSCO-GEN
595102.43	4172221.44	1.00585	CSCO-GEN
595122.43	4172221.44	0.95629	CSCO-GEN
595142.43	4172221.44	0.89826	CSCO-GEN
595162.43	4172221.44	0.83675	CSCO-GEN
595062.43	4172241.44	1.20292	CSCO-GEN
595082.43	4172241.44	1.18431	CSCO-GEN
595102.43	4172241.44	1.14992	CSCO-GEN
595122.43	4172241.44	1.10067	CSCO-GEN
595142.43	4172241.44	1.04342	CSCO-GEN
595162.43	4172241.44	0.97268	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595062.43	4172261.44	1.34419	CSCO-GEN
595082.43	4172261.44	1.33635	CSCO-GEN
595102.43	4172261.44	1.30891	CSCO-GEN
595122.43	4172261.44	1.26647	CSCO-GEN
595142.43	4172261.44	1.2074	CSCO-GEN
595042.43	4172281.44	1.44612	CSCO-GEN
595062.43	4172281.44	1.48117	CSCO-GEN
595082.43	4172281.44	1.49149	CSCO-GEN
595102.43	4172281.44	1.48014	CSCO-GEN
595122.43	4172281.44	1.45073	CSCO-GEN
595142.43	4172281.44	1.39421	CSCO-GEN
595162.43	4172281.44	1.31869	CSCO-GEN
595042.43	4172301.44	1.55424	CSCO-GEN
595062.43	4172301.44	1.60897	CSCO-GEN
595082.43	4172301.44	1.64091	CSCO-GEN
595102.43	4172301.44	1.65622	CSCO-GEN
595122.43	4172301.44	1.64664	CSCO-GEN
595142.43	4172301.44	1.6035	CSCO-GEN
595162.43	4172301.44	1.53306	CSCO-GEN
595042.43	4172321.44	1.64031	CSCO-GEN
595062.43	4172321.44	1.71919	CSCO-GEN
595082.43	4172321.44	1.78255	CSCO-GEN
595102.43	4172321.44	1.82417	CSCO-GEN
595122.43	4172321.44	1.84229	CSCO-GEN
595142.43	4172321.44	1.82888	CSCO-GEN
595162.43	4172321.44	1.77464	CSCO-GEN
595022.43	4172341.44	1.57919	CSCO-GEN
595042.43	4172341.44	1.69219	CSCO-GEN
595062.43	4172341.44	1.8029	CSCO-GEN
595082.43	4172341.44	1.90065	CSCO-GEN
595102.43	4172341.44	1.97918	CSCO-GEN
595122.43	4172341.44	2.0291	CSCO-GEN
595142.43	4172341.44	2.05173	CSCO-GEN
595162.43	4172341.44	2.03356	CSCO-GEN
595509.2	4172311.1	0.95125	CSCO-GEN
595453.66	4172369.33	1.51204	CSCO-GEN
595568.33	4173021.18	0.53591	CSCO-GEN
595515	4172097	0.27167	CSCO-GEN
595271.59	4172931.11	0.14283	CSCO-GEN
595259.54	4172956.67	0.12659	CSCO-GEN
595229.53	4172979.48	0.10352	CSCO-GEN
595158.78	4172948.61	0.08705	CSCO-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595424.36	4172061.47	0.2409	CSCO-GEN
595637.78	4172033.56	0.25303	CSCO-GEN
595497.98	4172569.45	15.94091	CSCO-GEN
595440.32	4172695.89	2.10101	CSCO-GEN
595531.7	4172736.24	2.12961	CSCO-GEN
595503.43	4172797.49	1.4338	CSCO-GEN
595293.61	4172706.67	0.26694	CSCO-GEN
595216.89	4172907.31	0.11392	CSCO-GEN
595554	4171743	0.17471	HOTL-GEN
595574	4171743	0.17251	HOTL-GEN
595594	4171743	0.16681	HOTL-GEN
595614	4171743	0.16168	HOTL-GEN
595634	4171743	0.15529	HOTL-GEN
595654	4171743	0.14901	HOTL-GEN
595674	4171743	0.14284	HOTL-GEN
595694	4171743	0.13966	HOTL-GEN
595714	4171743	0.1338	HOTL-GEN
595534	4171763	0.1901	HOTL-GEN
595554	4171763	0.18752	HOTL-GEN
595574	4171763	0.18402	HOTL-GEN
595594	4171763	0.17836	HOTL-GEN
595614	4171763	0.17368	HOTL-GEN
595634	4171763	0.16724	HOTL-GEN
595654	4171763	0.15933	HOTL-GEN
595674	4171763	0.15101	HOTL-GEN
595694	4171763	0.14645	HOTL-GEN
595714	4171763	0.14484	HOTL-GEN
595734	4171763	0.14878	HOTL-GEN
595754	4171763	0.14912	HOTL-GEN
595774	4171763	0.15328	HOTL-GEN
595314	4171783	0.21123	HOTL-GEN
595334	4171783	0.21055	HOTL-GEN
595534	4171783	0.20208	HOTL-GEN
595554	4171783	0.20101	HOTL-GEN
595574	4171783	0.19672	HOTL-GEN
595594	4171783	0.19021	HOTL-GEN
595614	4171783	0.18172	HOTL-GEN
595634	4171783	0.17794	HOTL-GEN
595654	4171783	0.1694	HOTL-GEN
595674	4171783	0.16318	HOTL-GEN
595694	4171783	0.15826	HOTL-GEN
595714	4171783	0.16104	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4171783	0.1621	HOTL-GEN
595754	4171783	0.16391	HOTL-GEN
595774	4171783	0.17265	HOTL-GEN
595794	4171783	0.1822	HOTL-GEN
595274	4171803	0.24292	HOTL-GEN
595294	4171803	0.23364	HOTL-GEN
595314	4171803	0.22726	HOTL-GEN
595334	4171803	0.22627	HOTL-GEN
595534	4171803	0.21649	HOTL-GEN
595554	4171803	0.21323	HOTL-GEN
595574	4171803	0.21177	HOTL-GEN
595594	4171803	0.2023	HOTL-GEN
595614	4171803	0.19692	HOTL-GEN
595634	4171803	0.19027	HOTL-GEN
595654	4171803	0.17898	HOTL-GEN
595674	4171803	0.1735	HOTL-GEN
595694	4171803	0.17104	HOTL-GEN
595714	4171803	0.17493	HOTL-GEN
595734	4171803	0.17782	HOTL-GEN
595754	4171803	0.18363	HOTL-GEN
595774	4171803	0.19594	HOTL-GEN
595794	4171803	0.20876	HOTL-GEN
595814	4171803	0.22401	HOTL-GEN
595254	4171823	0.27914	HOTL-GEN
595274	4171823	0.26446	HOTL-GEN
595294	4171823	0.25519	HOTL-GEN
595314	4171823	0.24817	HOTL-GEN
595334	4171823	0.24519	HOTL-GEN
595514	4171823	0.23497	HOTL-GEN
595534	4171823	0.2326	HOTL-GEN
595554	4171823	0.22941	HOTL-GEN
595574	4171823	0.22017	HOTL-GEN
595594	4171823	0.21378	HOTL-GEN
595614	4171823	0.20691	HOTL-GEN
595634	4171823	0.20056	HOTL-GEN
595654	4171823	0.19417	HOTL-GEN
595674	4171823	0.18968	HOTL-GEN
595694	4171823	0.18689	HOTL-GEN
595714	4171823	0.19242	HOTL-GEN
595734	4171823	0.19835	HOTL-GEN
595754	4171823	0.20969	HOTL-GEN
595774	4171823	0.22434	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4171823	0.2411	HOTL-GEN
595814	4171823	0.26088	HOTL-GEN
595834	4171823	0.28029	HOTL-GEN
595854	4171823	0.29885	HOTL-GEN
595234	4171843	0.32063	HOTL-GEN
595254	4171843	0.3065	HOTL-GEN
595274	4171843	0.29201	HOTL-GEN
595294	4171843	0.28139	HOTL-GEN
595314	4171843	0.27159	HOTL-GEN
595334	4171843	0.26469	HOTL-GEN
595514	4171843	0.25179	HOTL-GEN
595534	4171843	0.25035	HOTL-GEN
595554	4171843	0.24631	HOTL-GEN
595574	4171843	0.23984	HOTL-GEN
595594	4171843	0.22696	HOTL-GEN
595614	4171843	0.2221	HOTL-GEN
595634	4171843	0.21557	HOTL-GEN
595654	4171843	0.20767	HOTL-GEN
595674	4171843	0.20298	HOTL-GEN
595694	4171843	0.20631	HOTL-GEN
595714	4171843	0.21508	HOTL-GEN
595734	4171843	0.22495	HOTL-GEN
595754	4171843	0.24182	HOTL-GEN
595774	4171843	0.25991	HOTL-GEN
595794	4171843	0.28225	HOTL-GEN
595814	4171843	0.3045	HOTL-GEN
595854	4171843	0.3503	HOTL-GEN
595874	4171843	0.37194	HOTL-GEN
595214	4171863	0.379	HOTL-GEN
595234	4171863	0.35762	HOTL-GEN
595254	4171863	0.34213	HOTL-GEN
595274	4171863	0.32497	HOTL-GEN
595294	4171863	0.30959	HOTL-GEN
595314	4171863	0.29694	HOTL-GEN
595334	4171863	0.28957	HOTL-GEN
595514	4171863	0.27058	HOTL-GEN
595534	4171863	0.27001	HOTL-GEN
595554	4171863	0.26473	HOTL-GEN
595574	4171863	0.2539	HOTL-GEN
595594	4171863	0.24316	HOTL-GEN
595614	4171863	0.23373	HOTL-GEN
595634	4171863	0.22633	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4171863	0.22489	HOTL-GEN
595674	4171863	0.22271	HOTL-GEN
595694	4171863	0.23101	HOTL-GEN
595714	4171863	0.2406	HOTL-GEN
595734	4171863	0.25856	HOTL-GEN
595754	4171863	0.28022	HOTL-GEN
595774	4171863	0.3063	HOTL-GEN
595794	4171863	0.33376	HOTL-GEN
595814	4171863	0.36095	HOTL-GEN
595834	4171863	0.3861	HOTL-GEN
595854	4171863	0.41177	HOTL-GEN
595874	4171863	0.43556	HOTL-GEN
595894	4171863	0.46063	HOTL-GEN
595194	4171883	0.45375	HOTL-GEN
595214	4171883	0.43133	HOTL-GEN
595234	4171883	0.40708	HOTL-GEN
595254	4171883	0.38263	HOTL-GEN
595274	4171883	0.36346	HOTL-GEN
595294	4171883	0.34624	HOTL-GEN
595314	4171883	0.32784	HOTL-GEN
595514	4171883	0.29333	HOTL-GEN
595534	4171883	0.29069	HOTL-GEN
595554	4171883	0.28532	HOTL-GEN
595574	4171883	0.2717	HOTL-GEN
595594	4171883	0.26044	HOTL-GEN
595614	4171883	0.25165	HOTL-GEN
595634	4171883	0.24376	HOTL-GEN
595654	4171883	0.24227	HOTL-GEN
595674	4171883	0.24668	HOTL-GEN
595694	4171883	0.25851	HOTL-GEN
595714	4171883	0.27783	HOTL-GEN
595734	4171883	0.3011	HOTL-GEN
595754	4171883	0.3295	HOTL-GEN
595774	4171883	0.36204	HOTL-GEN
595794	4171883	0.39346	HOTL-GEN
595814	4171883	0.42844	HOTL-GEN
595834	4171883	0.4582	HOTL-GEN
595854	4171883	0.48892	HOTL-GEN
595874	4171883	0.52029	HOTL-GEN
595894	4171883	0.54717	HOTL-GEN
595174	4171903	0.53202	HOTL-GEN
595194	4171903	0.50583	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595214	4171903	0.48355	HOTL-GEN
595234	4171903	0.45828	HOTL-GEN
595254	4171903	0.4288	HOTL-GEN
595274	4171903	0.40159	HOTL-GEN
595294	4171903	0.38281	HOTL-GEN
595314	4171903	0.36473	HOTL-GEN
595514	4171903	0.31731	HOTL-GEN
595534	4171903	0.31328	HOTL-GEN
595554	4171903	0.30478	HOTL-GEN
595574	4171903	0.2938	HOTL-GEN
595594	4171903	0.28176	HOTL-GEN
595614	4171903	0.27178	HOTL-GEN
595634	4171903	0.26341	HOTL-GEN
595654	4171903	0.26591	HOTL-GEN
595674	4171903	0.27629	HOTL-GEN
595694	4171903	0.29089	HOTL-GEN
595714	4171903	0.32119	HOTL-GEN
595734	4171903	0.35456	HOTL-GEN
595754	4171903	0.39307	HOTL-GEN
595774	4171903	0.43178	HOTL-GEN
595794	4171903	0.47199	HOTL-GEN
595814	4171903	0.51081	HOTL-GEN
595834	4171903	0.54724	HOTL-GEN
595854	4171903	0.58533	HOTL-GEN
595874	4171903	0.61949	HOTL-GEN
595894	4171903	0.65329	HOTL-GEN
595914	4171903	0.67712	HOTL-GEN
595174	4171923	0.60507	HOTL-GEN
595194	4171923	0.57884	HOTL-GEN
595214	4171923	0.55054	HOTL-GEN
595234	4171923	0.5202	HOTL-GEN
595254	4171923	0.49213	HOTL-GEN
595274	4171923	0.45912	HOTL-GEN
595294	4171923	0.42932	HOTL-GEN
595534	4171923	0.33982	HOTL-GEN
595554	4171923	0.32697	HOTL-GEN
595574	4171923	0.31268	HOTL-GEN
595594	4171923	0.30137	HOTL-GEN
595614	4171923	0.29414	HOTL-GEN
595634	4171923	0.29096	HOTL-GEN
595654	4171923	0.29747	HOTL-GEN
595674	4171923	0.31364	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4171923	0.33914	HOTL-GEN
595714	4171923	0.38018	HOTL-GEN
595734	4171923	0.42208	HOTL-GEN
595754	4171923	0.46979	HOTL-GEN
595774	4171923	0.51853	HOTL-GEN
595794	4171923	0.56534	HOTL-GEN
595814	4171923	0.61634	HOTL-GEN
595834	4171923	0.65827	HOTL-GEN
595854	4171923	0.70322	HOTL-GEN
595874	4171923	0.74147	HOTL-GEN
595894	4171923	0.77327	HOTL-GEN
595914	4171923	0.80107	HOTL-GEN
595154	4171943	0.75338	HOTL-GEN
595174	4171943	0.71251	HOTL-GEN
595194	4171943	0.66096	HOTL-GEN
595214	4171943	0.62889	HOTL-GEN
595234	4171943	0.59396	HOTL-GEN
595254	4171943	0.56056	HOTL-GEN
595274	4171943	0.52777	HOTL-GEN
595294	4171943	0.48601	HOTL-GEN
595534	4171943	0.36986	HOTL-GEN
595554	4171943	0.35465	HOTL-GEN
595574	4171943	0.33901	HOTL-GEN
595594	4171943	0.32814	HOTL-GEN
595614	4171943	0.32031	HOTL-GEN
595634	4171943	0.32244	HOTL-GEN
595654	4171943	0.3365	HOTL-GEN
595674	4171943	0.36091	HOTL-GEN
595694	4171943	0.40382	HOTL-GEN
595714	4171943	0.45084	HOTL-GEN
595734	4171943	0.50556	HOTL-GEN
595754	4171943	0.56595	HOTL-GEN
595774	4171943	0.62823	HOTL-GEN
595794	4171943	0.68358	HOTL-GEN
595814	4171943	0.74581	HOTL-GEN
595834	4171943	0.80094	HOTL-GEN
595854	4171943	0.84612	HOTL-GEN
595874	4171943	0.88479	HOTL-GEN
595894	4171943	0.91877	HOTL-GEN
595914	4171943	0.94163	HOTL-GEN
595934	4171943	0.95968	HOTL-GEN
595154	4171963	0.86778	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595174	4171963	0.82819	HOTL-GEN
595194	4171963	0.7816	HOTL-GEN
595214	4171963	0.73616	HOTL-GEN
595234	4171963	0.68345	HOTL-GEN
595254	4171963	0.64377	HOTL-GEN
595274	4171963	0.59968	HOTL-GEN
595554	4171963	0.38564	HOTL-GEN
595574	4171963	0.36692	HOTL-GEN
595594	4171963	0.35831	HOTL-GEN
595614	4171963	0.35236	HOTL-GEN
595634	4171963	0.36408	HOTL-GEN
595654	4171963	0.38944	HOTL-GEN
595674	4171963	0.42982	HOTL-GEN
595694	4171963	0.48451	HOTL-GEN
595714	4171963	0.54825	HOTL-GEN
595734	4171963	0.61608	HOTL-GEN
595754	4171963	0.68923	HOTL-GEN
595774	4171963	0.76459	HOTL-GEN
595794	4171963	0.83607	HOTL-GEN
595814	4171963	0.90525	HOTL-GEN
595834	4171963	0.96646	HOTL-GEN
595854	4171963	1.01859	HOTL-GEN
595874	4171963	1.05272	HOTL-GEN
595894	4171963	1.08592	HOTL-GEN
595914	4171963	1.10462	HOTL-GEN
595934	4171963	1.11529	HOTL-GEN
595154	4171983	1.00479	HOTL-GEN
595174	4171983	0.96465	HOTL-GEN
595194	4171983	0.92799	HOTL-GEN
595214	4171983	0.87279	HOTL-GEN
595234	4171983	0.80549	HOTL-GEN
595254	4171983	0.74605	HOTL-GEN
595574	4171983	0.40015	HOTL-GEN
595754	4172023	1.34483	HOTL-GEN
595774	4172023	1.45991	HOTL-GEN
595794	4172023	1.55107	HOTL-GEN
595814	4172023	1.63876	HOTL-GEN
595834	4172023	1.68699	HOTL-GEN
595714	4172043	1.3866	HOTL-GEN
595734	4172043	1.54995	HOTL-GEN
595754	4172043	1.68816	HOTL-GEN
595774	4172043	1.81858	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172043	1.9082	HOTL-GEN
595814	4172043	1.97019	HOTL-GEN
595834	4172043	2.00609	HOTL-GEN
595854	4172043	2.01334	HOTL-GEN
595874	4172043	1.99654	HOTL-GEN
595894	4172043	1.9593	HOTL-GEN
595914	4172043	1.89626	HOTL-GEN
595934	4172043	1.81876	HOTL-GEN
595714	4172063	1.79017	HOTL-GEN
595734	4172063	1.97884	HOTL-GEN
595754	4172063	2.12155	HOTL-GEN
595774	4172063	2.23924	HOTL-GEN
595794	4172063	2.30519	HOTL-GEN
595814	4172063	2.34135	HOTL-GEN
595834	4172063	2.34534	HOTL-GEN
595854	4172063	2.31191	HOTL-GEN
595874	4172063	2.26148	HOTL-GEN
595894	4172063	2.18757	HOTL-GEN
595914	4172063	2.08699	HOTL-GEN
595934	4172063	1.98969	HOTL-GEN
595714	4172083	2.31606	HOTL-GEN
595734	4172083	2.50361	HOTL-GEN
595754	4172083	2.63017	HOTL-GEN
595774	4172083	2.71025	HOTL-GEN
595794	4172083	2.7403	HOTL-GEN
595814	4172083	2.73468	HOTL-GEN
595834	4172083	2.67276	HOTL-GEN
595854	4172083	2.59845	HOTL-GEN
595874	4172083	2.50646	HOTL-GEN
595894	4172083	2.38745	HOTL-GEN
595914	4172083	2.27136	HOTL-GEN
595934	4172083	2.14027	HOTL-GEN
595114	4172103	1.4301	HOTL-GEN
595134	4172103	1.58699	HOTL-GEN
595714	4172103	2.96058	HOTL-GEN
595734	4172103	3.11581	HOTL-GEN
595754	4172103	3.20073	HOTL-GEN
595774	4172103	3.21134	HOTL-GEN
595794	4172103	3.16943	HOTL-GEN
595814	4172103	3.10185	HOTL-GEN
595834	4172103	2.99644	HOTL-GEN
595854	4172103	2.86786	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4172103	2.72685	HOTL-GEN
595894	4172103	2.58352	HOTL-GEN
595914	4172103	2.42697	HOTL-GEN
595934	4172103	2.27334	HOTL-GEN
595094	4172123	1.27723	HOTL-GEN
595114	4172123	1.42128	HOTL-GEN
595134	4172123	1.5783	HOTL-GEN
595694	4172123	3.5263	HOTL-GEN
595714	4172123	3.69115	HOTL-GEN
595734	4172123	3.78237	HOTL-GEN
595754	4172123	3.78589	HOTL-GEN
595774	4172123	3.70794	HOTL-GEN
595794	4172123	3.59804	HOTL-GEN
595814	4172123	3.45289	HOTL-GEN
595834	4172123	3.28697	HOTL-GEN
595854	4172123	3.10416	HOTL-GEN
595874	4172123	2.92407	HOTL-GEN
595894	4172123	2.71329	HOTL-GEN
595914	4172123	2.52572	HOTL-GEN
595934	4172123	2.33973	HOTL-GEN
595094	4172143	1.19416	HOTL-GEN
595114	4172143	1.34997	HOTL-GEN
595134	4172143	1.55077	HOTL-GEN
595694	4172143	4.40802	HOTL-GEN
595714	4172143	4.50129	HOTL-GEN
595734	4172143	4.44939	HOTL-GEN
595754	4172143	4.33181	HOTL-GEN
595774	4172143	4.15874	HOTL-GEN
595794	4172143	3.97271	HOTL-GEN
595814	4172143	3.7424	HOTL-GEN
595834	4172143	3.52673	HOTL-GEN
595854	4172143	3.2728	HOTL-GEN
595874	4172143	3.04448	HOTL-GEN
595894	4172143	2.8191	HOTL-GEN
595914	4172143	2.59712	HOTL-GEN
595934	4172143	2.39718	HOTL-GEN
595094	4172163	1.11114	HOTL-GEN
595114	4172163	1.2434	HOTL-GEN
595134	4172163	1.4049	HOTL-GEN
595154	4172163	1.6052	HOTL-GEN
595614	4172163	3.98956	HOTL-GEN
595634	4172163	4.64568	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172163	5.06789	HOTL-GEN
595674	4172163	5.29242	HOTL-GEN
595694	4172163	5.33984	HOTL-GEN
595714	4172163	5.2382	HOTL-GEN
595734	4172163	5.0529	HOTL-GEN
595754	4172163	4.80653	HOTL-GEN
595774	4172163	4.53762	HOTL-GEN
595794	4172163	4.25778	HOTL-GEN
595814	4172163	3.94771	HOTL-GEN
595834	4172163	3.6594	HOTL-GEN
595854	4172163	3.36335	HOTL-GEN
595874	4172163	3.09817	HOTL-GEN
595894	4172163	2.86043	HOTL-GEN
595914	4172163	2.62562	HOTL-GEN
595074	4172183	0.88336	HOTL-GEN
595094	4172183	1.00382	HOTL-GEN
595114	4172183	1.12852	HOTL-GEN
595134	4172183	1.28301	HOTL-GEN
595154	4172183	1.45498	HOTL-GEN
595614	4172183	5.61469	HOTL-GEN
595634	4172183	6.09259	HOTL-GEN
595654	4172183	6.31211	HOTL-GEN
595674	4172183	6.28645	HOTL-GEN
595694	4172183	6.08738	HOTL-GEN
595714	4172183	5.80959	HOTL-GEN
595734	4172183	5.46681	HOTL-GEN
595754	4172183	5.09911	HOTL-GEN
595774	4172183	4.71792	HOTL-GEN
595794	4172183	4.3656	HOTL-GEN
595814	4172183	4.03003	HOTL-GEN
595834	4172183	3.70472	HOTL-GEN
595854	4172183	3.40148	HOTL-GEN
595874	4172183	3.11161	HOTL-GEN
595894	4172183	2.83844	HOTL-GEN
595914	4172183	2.59847	HOTL-GEN
595074	4172203	0.79034	HOTL-GEN
595094	4172203	0.89079	HOTL-GEN
595114	4172203	0.99559	HOTL-GEN
595134	4172203	1.12888	HOTL-GEN
595154	4172203	1.2887	HOTL-GEN
595594	4172203	6.9917	HOTL-GEN
595614	4172203	7.2979	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172203	7.37632	HOTL-GEN
595654	4172203	7.25507	HOTL-GEN
595674	4172203	6.98206	HOTL-GEN
595694	4172203	6.59396	HOTL-GEN
595714	4172203	6.11956	HOTL-GEN
595734	4172203	5.66795	HOTL-GEN
595754	4172203	5.20135	HOTL-GEN
595774	4172203	4.79044	HOTL-GEN
595794	4172203	4.39574	HOTL-GEN
595814	4172203	4.02081	HOTL-GEN
595834	4172203	3.66788	HOTL-GEN
595854	4172203	3.34945	HOTL-GEN
595874	4172203	3.04707	HOTL-GEN
595894	4172203	2.77457	HOTL-GEN
595914	4172203	2.52421	HOTL-GEN
595074	4172223	0.68613	HOTL-GEN
595094	4172223	0.76489	HOTL-GEN
595114	4172223	0.8472	HOTL-GEN
595134	4172223	0.95391	HOTL-GEN
595154	4172223	1.07517	HOTL-GEN
595594	4172223	8.96483	HOTL-GEN
595614	4172223	8.66803	HOTL-GEN
595634	4172223	8.17241	HOTL-GEN
595654	4172223	7.75845	HOTL-GEN
595674	4172223	7.22545	HOTL-GEN
595694	4172223	6.68646	HOTL-GEN
595714	4172223	6.13621	HOTL-GEN
595734	4172223	5.63548	HOTL-GEN
595754	4172223	5.12804	HOTL-GEN
595774	4172223	4.67699	HOTL-GEN
595794	4172223	4.25811	HOTL-GEN
595814	4172223	3.88025	HOTL-GEN
595834	4172223	3.53193	HOTL-GEN
595854	4172223	3.21417	HOTL-GEN
595874	4172223	2.93473	HOTL-GEN
595894	4172223	2.66251	HOTL-GEN
595054	4172243	0.52861	HOTL-GEN
595074	4172243	0.58155	HOTL-GEN
595094	4172243	0.64735	HOTL-GEN
595114	4172243	0.71034	HOTL-GEN
595134	4172243	0.79602	HOTL-GEN
595154	4172243	0.88246	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172243	9.68148	HOTL-GEN
595614	4172243	8.90905	HOTL-GEN
595634	4172243	8.06453	HOTL-GEN
595654	4172243	7.44302	HOTL-GEN
595674	4172243	6.91099	HOTL-GEN
595694	4172243	6.36478	HOTL-GEN
595714	4172243	5.81838	HOTL-GEN
595734	4172243	5.30363	HOTL-GEN
595754	4172243	4.86141	HOTL-GEN
595774	4172243	4.43369	HOTL-GEN
595794	4172243	4.03202	HOTL-GEN
595814	4172243	3.66942	HOTL-GEN
595834	4172243	3.34969	HOTL-GEN
595854	4172243	3.04671	HOTL-GEN
595874	4172243	2.77884	HOTL-GEN
595894	4172243	2.53375	HOTL-GEN
595054	4172263	0.43815	HOTL-GEN
595074	4172263	0.48331	HOTL-GEN
595094	4172263	0.52687	HOTL-GEN
595114	4172263	0.57332	HOTL-GEN
595134	4172263	0.62959	HOTL-GEN
595154	4172263	0.70238	HOTL-GEN
595594	4172263	8.80211	HOTL-GEN
595614	4172263	8.03263	HOTL-GEN
595634	4172263	7.26625	HOTL-GEN
595654	4172263	6.72665	HOTL-GEN
595674	4172263	6.27744	HOTL-GEN
595694	4172263	5.80498	HOTL-GEN
595714	4172263	5.33882	HOTL-GEN
595734	4172263	4.88921	HOTL-GEN
595754	4172263	4.48968	HOTL-GEN
595774	4172263	4.08897	HOTL-GEN
595794	4172263	3.74329	HOTL-GEN
595814	4172263	3.40061	HOTL-GEN
595834	4172263	3.10832	HOTL-GEN
595854	4172263	2.82814	HOTL-GEN
595874	4172263	2.58214	HOTL-GEN
595894	4172263	2.34882	HOTL-GEN
595054	4172283	0.3604	HOTL-GEN
595074	4172283	0.38989	HOTL-GEN
595094	4172283	0.42373	HOTL-GEN
595114	4172283	0.4602	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595134	4172283	0.50088	HOTL-GEN
595154	4172283	0.54471	HOTL-GEN
595174	4172283	0.59472	HOTL-GEN
595574	4172283	7.59837	HOTL-GEN
595594	4172283	7.0144	HOTL-GEN
595614	4172283	6.55536	HOTL-GEN
595634	4172283	6.08422	HOTL-GEN
595654	4172283	5.72814	HOTL-GEN
595674	4172283	5.44615	HOTL-GEN
595694	4172283	5.06923	HOTL-GEN
595714	4172283	4.7175	HOTL-GEN
595734	4172283	4.35259	HOTL-GEN
595754	4172283	4.00649	HOTL-GEN
595774	4172283	3.66315	HOTL-GEN
595794	4172283	3.35865	HOTL-GEN
595814	4172283	3.08042	HOTL-GEN
595834	4172283	2.81689	HOTL-GEN
595854	4172283	2.57904	HOTL-GEN
595874	4172283	2.35362	HOTL-GEN
595894	4172283	2.14567	HOTL-GEN
595034	4172303	0.27419	HOTL-GEN
595054	4172303	0.29446	HOTL-GEN
595074	4172303	0.31649	HOTL-GEN
595094	4172303	0.33845	HOTL-GEN
595114	4172303	0.36268	HOTL-GEN
595134	4172303	0.38979	HOTL-GEN
595154	4172303	0.41977	HOTL-GEN
595174	4172303	0.45324	HOTL-GEN
595574	4172303	5.44111	HOTL-GEN
595594	4172303	5.37276	HOTL-GEN
595614	4172303	5.21163	HOTL-GEN
595634	4172303	4.95426	HOTL-GEN
595654	4172303	4.79727	HOTL-GEN
595674	4172303	4.61624	HOTL-GEN
595694	4172303	4.36583	HOTL-GEN
595714	4172303	4.09445	HOTL-GEN
595734	4172303	3.79451	HOTL-GEN
595754	4172303	3.51788	HOTL-GEN
595774	4172303	3.24741	HOTL-GEN
595794	4172303	2.9958	HOTL-GEN
595814	4172303	2.74371	HOTL-GEN
595834	4172303	2.51958	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595854	4172303	2.30704	HOTL-GEN
595874	4172303	2.11011	HOTL-GEN
595034	4172323	0.22826	HOTL-GEN
595054	4172323	0.24356	HOTL-GEN
595074	4172323	0.25902	HOTL-GEN
595094	4172323	0.27482	HOTL-GEN
595114	4172323	0.29068	HOTL-GEN
595134	4172323	0.31093	HOTL-GEN
595154	4172323	0.33253	HOTL-GEN
595174	4172323	0.35603	HOTL-GEN
595574	4172323	3.85545	HOTL-GEN
595594	4172323	4.02247	HOTL-GEN
595614	4172323	4.01159	HOTL-GEN
595634	4172323	3.96777	HOTL-GEN
595654	4172323	3.95799	HOTL-GEN
595674	4172323	3.86671	HOTL-GEN
595694	4172323	3.70225	HOTL-GEN
595714	4172323	3.49781	HOTL-GEN
595734	4172323	3.2974	HOTL-GEN
595754	4172323	3.05557	HOTL-GEN
595774	4172323	2.85011	HOTL-GEN
595794	4172323	2.6221	HOTL-GEN
595814	4172323	2.41034	HOTL-GEN
595834	4172323	2.21694	HOTL-GEN
595854	4172323	2.04513	HOTL-GEN
595874	4172323	1.87842	HOTL-GEN
595034	4172343	0.19227	HOTL-GEN
595054	4172343	0.2012	HOTL-GEN
595074	4172343	0.2134	HOTL-GEN
595094	4172343	0.22629	HOTL-GEN
595114	4172343	0.2398	HOTL-GEN
595134	4172343	0.25437	HOTL-GEN
595154	4172343	0.26959	HOTL-GEN
595574	4172343	2.93926	HOTL-GEN
595594	4172343	3.06059	HOTL-GEN
595614	4172343	3.10461	HOTL-GEN
595634	4172343	3.16731	HOTL-GEN
595654	4172343	3.22683	HOTL-GEN
595674	4172343	3.19901	HOTL-GEN
595694	4172343	3.14021	HOTL-GEN
595714	4172343	3.01054	HOTL-GEN
595734	4172343	2.83978	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172343	2.65331	HOTL-GEN
595774	4172343	2.48278	HOTL-GEN
595794	4172343	2.3105	HOTL-GEN
595814	4172343	2.12867	HOTL-GEN
595834	4172343	1.95622	HOTL-GEN
595854	4172343	1.80093	HOTL-GEN
595874	4172343	1.64946	HOTL-GEN
595554	4172363	2.3292	HOTL-GEN
595574	4172363	2.43367	HOTL-GEN
595594	4172363	2.51802	HOTL-GEN
595614	4172363	2.54507	HOTL-GEN
595634	4172363	2.62319	HOTL-GEN
595654	4172363	2.67149	HOTL-GEN
595674	4172363	2.65802	HOTL-GEN
595694	4172363	2.60633	HOTL-GEN
595714	4172363	2.52842	HOTL-GEN
595734	4172363	2.41912	HOTL-GEN
595754	4172363	2.29874	HOTL-GEN
595774	4172363	2.15182	HOTL-GEN
595794	4172363	2.01636	HOTL-GEN
595814	4172363	1.87307	HOTL-GEN
595834	4172363	1.73108	HOTL-GEN
595854	4172363	1.59959	HOTL-GEN
595874	4172363	1.46917	HOTL-GEN
595554	4172383	2.02289	HOTL-GEN
595574	4172383	2.05351	HOTL-GEN
595594	4172383	2.10643	HOTL-GEN
595614	4172383	2.16098	HOTL-GEN
595634	4172383	2.21374	HOTL-GEN
595654	4172383	2.2231	HOTL-GEN
595674	4172383	2.21366	HOTL-GEN
595694	4172383	2.19574	HOTL-GEN
595714	4172383	2.14737	HOTL-GEN
595734	4172383	2.06119	HOTL-GEN
595754	4172383	1.96354	HOTL-GEN
595774	4172383	1.87187	HOTL-GEN
595794	4172383	1.75725	HOTL-GEN
595814	4172383	1.64944	HOTL-GEN
595834	4172383	1.52913	HOTL-GEN
595854	4172383	1.42038	HOTL-GEN
595554	4172403	1.76658	HOTL-GEN
595574	4172403	1.80543	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172403	1.84136	HOTL-GEN
595614	4172403	1.88679	HOTL-GEN
595634	4172403	1.90269	HOTL-GEN
595654	4172403	1.90247	HOTL-GEN
595674	4172403	1.89535	HOTL-GEN
595694	4172403	1.85228	HOTL-GEN
595714	4172403	1.81259	HOTL-GEN
595734	4172403	1.75514	HOTL-GEN
595754	4172403	1.69196	HOTL-GEN
595774	4172403	1.61272	HOTL-GEN
595794	4172403	1.52891	HOTL-GEN
595814	4172403	1.44046	HOTL-GEN
595834	4172403	1.34355	HOTL-GEN
595854	4172403	1.25651	HOTL-GEN
595074	4172423	0.12904	HOTL-GEN
595094	4172423	0.13644	HOTL-GEN
595554	4172423	1.56854	HOTL-GEN
595574	4172423	1.61267	HOTL-GEN
595594	4172423	1.66716	HOTL-GEN
595614	4172423	1.68701	HOTL-GEN
595634	4172423	1.68547	HOTL-GEN
595654	4172423	1.67337	HOTL-GEN
595674	4172423	1.64154	HOTL-GEN
595694	4172423	1.61803	HOTL-GEN
595714	4172423	1.56888	HOTL-GEN
595734	4172423	1.51709	HOTL-GEN
595754	4172423	1.45544	HOTL-GEN
595774	4172423	1.40264	HOTL-GEN
595794	4172423	1.33477	HOTL-GEN
595814	4172423	1.25878	HOTL-GEN
595834	4172423	1.18635	HOTL-GEN
595854	4172423	1.11789	HOTL-GEN
595074	4172443	0.11974	HOTL-GEN
595094	4172443	0.12525	HOTL-GEN
595114	4172443	0.1311	HOTL-GEN
595134	4172443	0.13742	HOTL-GEN
595534	4172443	1.33003	HOTL-GEN
595554	4172443	1.42919	HOTL-GEN
595574	4172443	1.4682	HOTL-GEN
595594	4172443	1.50231	HOTL-GEN
595614	4172443	1.52216	HOTL-GEN
595634	4172443	1.52391	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172443	1.49951	HOTL-GEN
595674	4172443	1.46665	HOTL-GEN
595694	4172443	1.43266	HOTL-GEN
595714	4172443	1.38994	HOTL-GEN
595734	4172443	1.34426	HOTL-GEN
595754	4172443	1.29012	HOTL-GEN
595774	4172443	1.23032	HOTL-GEN
595794	4172443	1.16892	HOTL-GEN
595814	4172443	1.11411	HOTL-GEN
595834	4172443	1.05215	HOTL-GEN
595854	4172443	0.99302	HOTL-GEN
595054	4172463	0.10601	HOTL-GEN
595074	4172463	0.11111	HOTL-GEN
595094	4172463	0.116	HOTL-GEN
595114	4172463	0.12087	HOTL-GEN
595534	4172463	1.20341	HOTL-GEN
595554	4172463	1.29559	HOTL-GEN
595574	4172463	1.34218	HOTL-GEN
595594	4172463	1.35957	HOTL-GEN
595614	4172463	1.37261	HOTL-GEN
595634	4172463	1.37483	HOTL-GEN
595654	4172463	1.36725	HOTL-GEN
595674	4172463	1.33448	HOTL-GEN
595694	4172463	1.29595	HOTL-GEN
595714	4172463	1.254	HOTL-GEN
595734	4172463	1.2029	HOTL-GEN
595754	4172463	1.15426	HOTL-GEN
595774	4172463	1.10704	HOTL-GEN
595794	4172463	1.05701	HOTL-GEN
595814	4172463	0.99595	HOTL-GEN
595834	4172463	0.9382	HOTL-GEN
595054	4172483	0.09829	HOTL-GEN
595074	4172483	0.10347	HOTL-GEN
595094	4172483	0.10694	HOTL-GEN
595114	4172483	0.11066	HOTL-GEN
595534	4172483	1.09244	HOTL-GEN
595554	4172483	1.17784	HOTL-GEN
595574	4172483	1.22628	HOTL-GEN
595594	4172483	1.2449	HOTL-GEN
595614	4172483	1.23829	HOTL-GEN
595634	4172483	1.23938	HOTL-GEN
595654	4172483	1.23102	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172483	1.21644	HOTL-GEN
595694	4172483	1.1835	HOTL-GEN
595714	4172483	1.14158	HOTL-GEN
595734	4172483	1.09775	HOTL-GEN
595754	4172483	1.05399	HOTL-GEN
595774	4172483	1.0035	HOTL-GEN
595794	4172483	0.9545	HOTL-GEN
595814	4172483	0.90755	HOTL-GEN
595834	4172483	0.85912	HOTL-GEN
595034	4172503	0.08943	HOTL-GEN
595054	4172503	0.09179	HOTL-GEN
595074	4172503	0.09493	HOTL-GEN
595094	4172503	0.09836	HOTL-GEN
595114	4172503	0.10155	HOTL-GEN
595534	4172503	0.98944	HOTL-GEN
595554	4172503	1.07078	HOTL-GEN
595574	4172503	1.12152	HOTL-GEN
595594	4172503	1.13964	HOTL-GEN
595614	4172503	1.13871	HOTL-GEN
595634	4172503	1.12614	HOTL-GEN
595654	4172503	1.11836	HOTL-GEN
595674	4172503	1.10065	HOTL-GEN
595694	4172503	1.08066	HOTL-GEN
595714	4172503	1.05145	HOTL-GEN
595734	4172503	1.01246	HOTL-GEN
595754	4172503	0.96751	HOTL-GEN
595774	4172503	0.92773	HOTL-GEN
595794	4172503	0.88421	HOTL-GEN
595814	4172503	0.83297	HOTL-GEN
595834	4172503	0.7873	HOTL-GEN
595034	4172523	0.08264	HOTL-GEN
595054	4172523	0.08539	HOTL-GEN
595074	4172523	0.08777	HOTL-GEN
595094	4172523	0.09004	HOTL-GEN
595514	4172523	0.77535	HOTL-GEN
595534	4172523	0.89076	HOTL-GEN
595554	4172523	0.97632	HOTL-GEN
595574	4172523	1.02635	HOTL-GEN
595594	4172523	1.01742	HOTL-GEN
595614	4172523	1.03278	HOTL-GEN
595634	4172523	1.03685	HOTL-GEN
595654	4172523	1.01631	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172523	1.00851	HOTL-GEN
595694	4172523	0.98219	HOTL-GEN
595714	4172523	0.96024	HOTL-GEN
595734	4172523	0.93114	HOTL-GEN
595754	4172523	0.8953	HOTL-GEN
595774	4172523	0.85716	HOTL-GEN
595794	4172523	0.81823	HOTL-GEN
595814	4172523	0.77683	HOTL-GEN
595834	4172523	0.73132	HOTL-GEN
595034	4172543	0.07605	HOTL-GEN
595054	4172543	0.07848	HOTL-GEN
595074	4172543	0.08089	HOTL-GEN
595094	4172543	0.08337	HOTL-GEN
595514	4172543	0.7013	HOTL-GEN
595534	4172543	0.80456	HOTL-GEN
595554	4172543	0.8875	HOTL-GEN
595574	4172543	0.91615	HOTL-GEN
595594	4172543	0.92992	HOTL-GEN
595614	4172543	0.93398	HOTL-GEN
595634	4172543	0.94597	HOTL-GEN
595654	4172543	0.94048	HOTL-GEN
595674	4172543	0.90427	HOTL-GEN
595694	4172543	0.89772	HOTL-GEN
595714	4172543	0.88866	HOTL-GEN
595734	4172543	0.85665	HOTL-GEN
595754	4172543	0.82715	HOTL-GEN
595774	4172543	0.79288	HOTL-GEN
595794	4172543	0.75832	HOTL-GEN
595814	4172543	0.72148	HOTL-GEN
595014	4172563	0.06832	HOTL-GEN
595034	4172563	0.0704	HOTL-GEN
595054	4172563	0.07226	HOTL-GEN
595074	4172563	0.07452	HOTL-GEN
595094	4172563	0.07733	HOTL-GEN
595514	4172563	0.63944	HOTL-GEN
595534	4172563	0.7288	HOTL-GEN
595554	4172563	0.81149	HOTL-GEN
595574	4172563	0.83173	HOTL-GEN
595594	4172563	0.85082	HOTL-GEN
595614	4172563	0.85758	HOTL-GEN
595634	4172563	0.87336	HOTL-GEN
595654	4172563	0.85608	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172563	0.83564	HOTL-GEN
595694	4172563	0.81625	HOTL-GEN
595714	4172563	0.80182	HOTL-GEN
595734	4172563	0.78624	HOTL-GEN
595754	4172563	0.75932	HOTL-GEN
595774	4172563	0.73344	HOTL-GEN
595794	4172563	0.71092	HOTL-GEN
595814	4172563	0.67383	HOTL-GEN
595014	4172583	0.06308	HOTL-GEN
595034	4172583	0.06484	HOTL-GEN
595054	4172583	0.06724	HOTL-GEN
595074	4172583	0.06993	HOTL-GEN
595494	4172583	0.48997	HOTL-GEN
595514	4172583	0.58	HOTL-GEN
595534	4172583	0.66068	HOTL-GEN
595554	4172583	0.72065	HOTL-GEN
595574	4172583	0.7576	HOTL-GEN
595594	4172583	0.7852	HOTL-GEN
595614	4172583	0.79841	HOTL-GEN
595634	4172583	0.80498	HOTL-GEN
595654	4172583	0.78173	HOTL-GEN
595674	4172583	0.76932	HOTL-GEN
595694	4172583	0.7554	HOTL-GEN
595714	4172583	0.73665	HOTL-GEN
595734	4172583	0.72537	HOTL-GEN
595754	4172583	0.7065	HOTL-GEN
595774	4172583	0.68336	HOTL-GEN
595794	4172583	0.66034	HOTL-GEN
595814	4172583	0.63102	HOTL-GEN
595034	4172603	0.06088	HOTL-GEN
595054	4172603	0.06351	HOTL-GEN
595074	4172603	0.06634	HOTL-GEN
595494	4172603	0.44965	HOTL-GEN
595514	4172603	0.52574	HOTL-GEN
595534	4172603	0.60113	HOTL-GEN
595554	4172603	0.65677	HOTL-GEN
595574	4172603	0.69278	HOTL-GEN
595594	4172603	0.72097	HOTL-GEN
595614	4172603	0.74986	HOTL-GEN
595634	4172603	0.74512	HOTL-GEN
595654	4172603	0.72339	HOTL-GEN
595674	4172603	0.71182	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172603	0.69829	HOTL-GEN
595714	4172603	0.68275	HOTL-GEN
595734	4172603	0.67349	HOTL-GEN
595754	4172603	0.65293	HOTL-GEN
595774	4172603	0.63598	HOTL-GEN
595794	4172603	0.61145	HOTL-GEN
595474	4172623	0.3482	HOTL-GEN
595494	4172623	0.41571	HOTL-GEN
595514	4172623	0.48099	HOTL-GEN
595534	4172623	0.54753	HOTL-GEN
595554	4172623	0.60416	HOTL-GEN
595574	4172623	0.65051	HOTL-GEN
595594	4172623	0.67541	HOTL-GEN
595614	4172623	0.68812	HOTL-GEN
595634	4172623	0.68942	HOTL-GEN
595654	4172623	0.6815	HOTL-GEN
595674	4172623	0.6648	HOTL-GEN
595694	4172623	0.64488	HOTL-GEN
595714	4172623	0.63419	HOTL-GEN
595734	4172623	0.62312	HOTL-GEN
595754	4172623	0.60524	HOTL-GEN
595774	4172623	0.59015	HOTL-GEN
595794	4172623	0.56996	HOTL-GEN
595814	4172623	0.54547	HOTL-GEN
595474	4172643	0.32341	HOTL-GEN
595494	4172643	0.37845	HOTL-GEN
595514	4172643	0.44112	HOTL-GEN
595534	4172643	0.49875	HOTL-GEN
595554	4172643	0.55093	HOTL-GEN
595574	4172643	0.59163	HOTL-GEN
595594	4172643	0.61956	HOTL-GEN
595614	4172643	0.63891	HOTL-GEN
595634	4172643	0.62784	HOTL-GEN
595654	4172643	0.62565	HOTL-GEN
595674	4172643	0.62113	HOTL-GEN
595694	4172643	0.60777	HOTL-GEN
595714	4172643	0.59463	HOTL-GEN
595734	4172643	0.57941	HOTL-GEN
595754	4172643	0.56441	HOTL-GEN
595774	4172643	0.54382	HOTL-GEN
595794	4172643	0.52795	HOTL-GEN
595814	4172643	0.50864	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4172663	0.30107	HOTL-GEN
595494	4172663	0.34958	HOTL-GEN
595514	4172663	0.40353	HOTL-GEN
595534	4172663	0.4567	HOTL-GEN
595554	4172663	0.50406	HOTL-GEN
595574	4172663	0.5406	HOTL-GEN
595594	4172663	0.56914	HOTL-GEN
595614	4172663	0.57813	HOTL-GEN
595634	4172663	0.57925	HOTL-GEN
595654	4172663	0.57619	HOTL-GEN
595674	4172663	0.56776	HOTL-GEN
595694	4172663	0.56112	HOTL-GEN
595714	4172663	0.54851	HOTL-GEN
595734	4172663	0.53642	HOTL-GEN
595754	4172663	0.52502	HOTL-GEN
595774	4172663	0.50817	HOTL-GEN
595794	4172663	0.48963	HOTL-GEN
595814	4172663	0.47504	HOTL-GEN
595454	4172683	0.23873	HOTL-GEN
595474	4172683	0.27988	HOTL-GEN
595494	4172683	0.32389	HOTL-GEN
595514	4172683	0.37131	HOTL-GEN
595534	4172683	0.41868	HOTL-GEN
595554	4172683	0.46126	HOTL-GEN
595574	4172683	0.49606	HOTL-GEN
595594	4172683	0.52583	HOTL-GEN
595614	4172683	0.53152	HOTL-GEN
595634	4172683	0.53668	HOTL-GEN
595654	4172683	0.53579	HOTL-GEN
595674	4172683	0.52723	HOTL-GEN
595694	4172683	0.52443	HOTL-GEN
595714	4172683	0.51104	HOTL-GEN
595734	4172683	0.50026	HOTL-GEN
595754	4172683	0.48569	HOTL-GEN
595774	4172683	0.47025	HOTL-GEN
595794	4172683	0.45597	HOTL-GEN
595814	4172683	0.4398	HOTL-GEN
595474	4172703	0.26028	HOTL-GEN
595494	4172703	0.29944	HOTL-GEN
595514	4172703	0.34032	HOTL-GEN
595534	4172703	0.38375	HOTL-GEN
595554	4172703	0.42309	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172703	0.4575	HOTL-GEN
595594	4172703	0.47966	HOTL-GEN
595614	4172703	0.49102	HOTL-GEN
595634	4172703	0.49731	HOTL-GEN
595654	4172703	0.49757	HOTL-GEN
595674	4172703	0.49	HOTL-GEN
595694	4172703	0.48627	HOTL-GEN
595714	4172703	0.47424	HOTL-GEN
595734	4172703	0.46643	HOTL-GEN
595754	4172703	0.45142	HOTL-GEN
595774	4172703	0.43756	HOTL-GEN
595794	4172703	0.42477	HOTL-GEN
595814	4172703	0.4101	HOTL-GEN
595834	4172703	0.39553	HOTL-GEN
595294	4172723	0.08295	HOTL-GEN
595314	4172723	0.08958	HOTL-GEN
595514	4172723	0.31466	HOTL-GEN
595534	4172723	0.35193	HOTL-GEN
595554	4172723	0.38678	HOTL-GEN
595574	4172723	0.41964	HOTL-GEN
595594	4172723	0.44639	HOTL-GEN
595614	4172723	0.4559	HOTL-GEN
595634	4172723	0.46164	HOTL-GEN
595654	4172723	0.46098	HOTL-GEN
595674	4172723	0.46022	HOTL-GEN
595694	4172723	0.45336	HOTL-GEN
595714	4172723	0.44511	HOTL-GEN
595734	4172723	0.43288	HOTL-GEN
595754	4172723	0.41943	HOTL-GEN
595774	4172723	0.40752	HOTL-GEN
595794	4172723	0.39272	HOTL-GEN
595814	4172723	0.3812	HOTL-GEN
595834	4172723	0.36965	HOTL-GEN
595294	4172743	0.0797	HOTL-GEN
595314	4172743	0.08628	HOTL-GEN
595334	4172743	0.09429	HOTL-GEN
595354	4172743	0.10573	HOTL-GEN
595374	4172743	0.11775	HOTL-GEN
595534	4172743	0.32539	HOTL-GEN
595554	4172743	0.35596	HOTL-GEN
595574	4172743	0.38466	HOTL-GEN
595594	4172743	0.40708	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172743	0.42365	HOTL-GEN
595634	4172743	0.43432	HOTL-GEN
595654	4172743	0.4317	HOTL-GEN
595674	4172743	0.43122	HOTL-GEN
595694	4172743	0.42195	HOTL-GEN
595714	4172743	0.41472	HOTL-GEN
595734	4172743	0.40384	HOTL-GEN
595754	4172743	0.39131	HOTL-GEN
595774	4172743	0.37757	HOTL-GEN
595794	4172743	0.36703	HOTL-GEN
595814	4172743	0.35688	HOTL-GEN
595834	4172743	0.3463	HOTL-GEN
595274	4172763	0.07179	HOTL-GEN
595294	4172763	0.0769	HOTL-GEN
595314	4172763	0.08287	HOTL-GEN
595334	4172763	0.09096	HOTL-GEN
595354	4172763	0.10161	HOTL-GEN
595374	4172763	0.11221	HOTL-GEN
595394	4172763	0.12633	HOTL-GEN
595414	4172763	0.14357	HOTL-GEN
595534	4172763	0.29906	HOTL-GEN
595554	4172763	0.32802	HOTL-GEN
595574	4172763	0.35423	HOTL-GEN
595594	4172763	0.37477	HOTL-GEN
595614	4172763	0.38933	HOTL-GEN
595634	4172763	0.39897	HOTL-GEN
595654	4172763	0.40186	HOTL-GEN
595674	4172763	0.40028	HOTL-GEN
595694	4172763	0.3938	HOTL-GEN
595714	4172763	0.38579	HOTL-GEN
595734	4172763	0.37531	HOTL-GEN
595754	4172763	0.36543	HOTL-GEN
595774	4172763	0.35403	HOTL-GEN
595794	4172763	0.34408	HOTL-GEN
595814	4172763	0.33317	HOTL-GEN
594934	4172783	0.03645	HOTL-GEN
594954	4172783	0.03758	HOTL-GEN
594974	4172783	0.03856	HOTL-GEN
595274	4172783	0.06865	HOTL-GEN
595294	4172783	0.07405	HOTL-GEN
595314	4172783	0.08062	HOTL-GEN
595334	4172783	0.0882	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595354	4172783	0.09636	HOTL-GEN
595374	4172783	0.10672	HOTL-GEN
595394	4172783	0.11985	HOTL-GEN
595414	4172783	0.1352	HOTL-GEN
595434	4172783	0.15358	HOTL-GEN
595454	4172783	0.17578	HOTL-GEN
595514	4172783	0.24941	HOTL-GEN
595534	4172783	0.27607	HOTL-GEN
595554	4172783	0.30167	HOTL-GEN
595574	4172783	0.32606	HOTL-GEN
595594	4172783	0.34512	HOTL-GEN
595614	4172783	0.35989	HOTL-GEN
595634	4172783	0.36952	HOTL-GEN
595654	4172783	0.37248	HOTL-GEN
595674	4172783	0.37092	HOTL-GEN
595694	4172783	0.36499	HOTL-GEN
595714	4172783	0.35906	HOTL-GEN
595734	4172783	0.35091	HOTL-GEN
595754	4172783	0.34198	HOTL-GEN
595774	4172783	0.3338	HOTL-GEN
595794	4172783	0.32431	HOTL-GEN
595814	4172783	0.31383	HOTL-GEN
594894	4172803	0.03219	HOTL-GEN
594914	4172803	0.0337	HOTL-GEN
594934	4172803	0.0351	HOTL-GEN
594954	4172803	0.03596	HOTL-GEN
594974	4172803	0.03646	HOTL-GEN
595274	4172803	0.06559	HOTL-GEN
595294	4172803	0.07035	HOTL-GEN
595314	4172803	0.07697	HOTL-GEN
595334	4172803	0.08506	HOTL-GEN
595354	4172803	0.0927	HOTL-GEN
595374	4172803	0.10221	HOTL-GEN
595394	4172803	0.11419	HOTL-GEN
595414	4172803	0.12823	HOTL-GEN
595434	4172803	0.14475	HOTL-GEN
595454	4172803	0.16422	HOTL-GEN
595474	4172803	0.18507	HOTL-GEN
595494	4172803	0.20828	HOTL-GEN
595514	4172803	0.23155	HOTL-GEN
595534	4172803	0.25475	HOTL-GEN
595554	4172803	0.27785	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172803	0.29967	HOTL-GEN
595594	4172803	0.31769	HOTL-GEN
595614	4172803	0.33246	HOTL-GEN
595634	4172803	0.34217	HOTL-GEN
595654	4172803	0.34661	HOTL-GEN
595674	4172803	0.34632	HOTL-GEN
595694	4172803	0.34113	HOTL-GEN
595714	4172803	0.33416	HOTL-GEN
595734	4172803	0.32718	HOTL-GEN
595754	4172803	0.31792	HOTL-GEN
595774	4172803	0.31115	HOTL-GEN
595794	4172803	0.30152	HOTL-GEN
595814	4172803	0.29343	HOTL-GEN
594874	4172823	0.02997	HOTL-GEN
594894	4172823	0.03143	HOTL-GEN
594914	4172823	0.03267	HOTL-GEN
594934	4172823	0.03355	HOTL-GEN
594954	4172823	0.03396	HOTL-GEN
595254	4172823	0.05879	HOTL-GEN
595274	4172823	0.06303	HOTL-GEN
595294	4172823	0.06791	HOTL-GEN
595314	4172823	0.07448	HOTL-GEN
595334	4172823	0.0813	HOTL-GEN
595354	4172823	0.08872	HOTL-GEN
595374	4172823	0.09776	HOTL-GEN
595394	4172823	0.1086	HOTL-GEN
595414	4172823	0.12103	HOTL-GEN
595434	4172823	0.13661	HOTL-GEN
595454	4172823	0.15436	HOTL-GEN
595474	4172823	0.17284	HOTL-GEN
595494	4172823	0.19312	HOTL-GEN
595514	4172823	0.21398	HOTL-GEN
595534	4172823	0.23488	HOTL-GEN
595554	4172823	0.25594	HOTL-GEN
595574	4172823	0.27612	HOTL-GEN
595594	4172823	0.29283	HOTL-GEN
595614	4172823	0.30667	HOTL-GEN
595634	4172823	0.31689	HOTL-GEN
595654	4172823	0.32156	HOTL-GEN
595674	4172823	0.32207	HOTL-GEN
595694	4172823	0.31735	HOTL-GEN
595714	4172823	0.31291	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172823	0.30599	HOTL-GEN
595754	4172823	0.29739	HOTL-GEN
595774	4172823	0.28936	HOTL-GEN
595794	4172823	0.28244	HOTL-GEN
595814	4172823	0.27443	HOTL-GEN
594874	4172843	0.02941	HOTL-GEN
594894	4172843	0.0304	HOTL-GEN
594914	4172843	0.03124	HOTL-GEN
594934	4172843	0.03171	HOTL-GEN
594954	4172843	0.032	HOTL-GEN
595254	4172843	0.05642	HOTL-GEN
595274	4172843	0.06094	HOTL-GEN
595294	4172843	0.06559	HOTL-GEN
595314	4172843	0.07173	HOTL-GEN
595334	4172843	0.0776	HOTL-GEN
595354	4172843	0.08473	HOTL-GEN
595374	4172843	0.09341	HOTL-GEN
595394	4172843	0.10349	HOTL-GEN
595414	4172843	0.11505	HOTL-GEN
595434	4172843	0.12919	HOTL-GEN
595454	4172843	0.14532	HOTL-GEN
595474	4172843	0.16184	HOTL-GEN
595494	4172843	0.18007	HOTL-GEN
595514	4172843	0.19875	HOTL-GEN
595534	4172843	0.2173	HOTL-GEN
595554	4172843	0.23628	HOTL-GEN
595574	4172843	0.25495	HOTL-GEN
595594	4172843	0.27055	HOTL-GEN
595614	4172843	0.28329	HOTL-GEN
595634	4172843	0.29308	HOTL-GEN
595654	4172843	0.29931	HOTL-GEN
595674	4172843	0.30043	HOTL-GEN
595694	4172843	0.29691	HOTL-GEN
595714	4172843	0.29231	HOTL-GEN
595734	4172843	0.28621	HOTL-GEN
595754	4172843	0.2797	HOTL-GEN
595774	4172843	0.27207	HOTL-GEN
595794	4172843	0.26363	HOTL-GEN
595814	4172843	0.25794	HOTL-GEN
594854	4172863	0.02752	HOTL-GEN
594874	4172863	0.02859	HOTL-GEN
594894	4172863	0.02913	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594914	4172863	0.02948	HOTL-GEN
594934	4172863	0.02988	HOTL-GEN
595234	4172863	0.05075	HOTL-GEN
595254	4172863	0.05423	HOTL-GEN
595274	4172863	0.05819	HOTL-GEN
595294	4172863	0.0635	HOTL-GEN
595314	4172863	0.06899	HOTL-GEN
595334	4172863	0.07469	HOTL-GEN
595354	4172863	0.08118	HOTL-GEN
595374	4172863	0.08934	HOTL-GEN
595394	4172863	0.09819	HOTL-GEN
595414	4172863	0.10914	HOTL-GEN
595434	4172863	0.12216	HOTL-GEN
595454	4172863	0.13664	HOTL-GEN
595474	4172863	0.1518	HOTL-GEN
595494	4172863	0.16784	HOTL-GEN
595514	4172863	0.18449	HOTL-GEN
595534	4172863	0.20143	HOTL-GEN
595554	4172863	0.21803	HOTL-GEN
595574	4172863	0.23539	HOTL-GEN
595594	4172863	0.25104	HOTL-GEN
595614	4172863	0.26357	HOTL-GEN
595634	4172863	0.27217	HOTL-GEN
595654	4172863	0.27786	HOTL-GEN
595674	4172863	0.27882	HOTL-GEN
595694	4172863	0.27723	HOTL-GEN
595714	4172863	0.27424	HOTL-GEN
595734	4172863	0.26839	HOTL-GEN
595754	4172863	0.26203	HOTL-GEN
595774	4172863	0.25563	HOTL-GEN
595794	4172863	0.24861	HOTL-GEN
594854	4172883	0.02655	HOTL-GEN
594874	4172883	0.02723	HOTL-GEN
594894	4172883	0.02754	HOTL-GEN
594914	4172883	0.02779	HOTL-GEN
595234	4172883	0.04896	HOTL-GEN
595254	4172883	0.05235	HOTL-GEN
595274	4172883	0.05599	HOTL-GEN
595294	4172883	0.06106	HOTL-GEN
595314	4172883	0.06609	HOTL-GEN
595334	4172883	0.07169	HOTL-GEN
595354	4172883	0.07797	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595374	4172883	0.08566	HOTL-GEN
595394	4172883	0.09371	HOTL-GEN
595414	4172883	0.10348	HOTL-GEN
595434	4172883	0.11531	HOTL-GEN
595454	4172883	0.12813	HOTL-GEN
595474	4172883	0.14244	HOTL-GEN
595494	4172883	0.15688	HOTL-GEN
595514	4172883	0.17204	HOTL-GEN
595534	4172883	0.18731	HOTL-GEN
595554	4172883	0.20239	HOTL-GEN
595574	4172883	0.21805	HOTL-GEN
595594	4172883	0.23167	HOTL-GEN
595614	4172883	0.24301	HOTL-GEN
595634	4172883	0.25203	HOTL-GEN
595654	4172883	0.25852	HOTL-GEN
595674	4172883	0.25901	HOTL-GEN
595694	4172883	0.25924	HOTL-GEN
595714	4172883	0.25619	HOTL-GEN
595734	4172883	0.25257	HOTL-GEN
595754	4172883	0.24616	HOTL-GEN
595774	4172883	0.23943	HOTL-GEN
595794	4172883	0.23365	HOTL-GEN
594854	4172903	0.02534	HOTL-GEN
594874	4172903	0.02579	HOTL-GEN
594894	4172903	0.026	HOTL-GEN
594914	4172903	0.02588	HOTL-GEN
595234	4172903	0.04718	HOTL-GEN
595254	4172903	0.05031	HOTL-GEN
595274	4172903	0.05422	HOTL-GEN
595294	4172903	0.05867	HOTL-GEN
595314	4172903	0.06322	HOTL-GEN
595334	4172903	0.06882	HOTL-GEN
595354	4172903	0.07428	HOTL-GEN
595374	4172903	0.0812	HOTL-GEN
595394	4172903	0.0896	HOTL-GEN
595414	4172903	0.09867	HOTL-GEN
595434	4172903	0.10915	HOTL-GEN
595454	4172903	0.12082	HOTL-GEN
595474	4172903	0.13343	HOTL-GEN
595494	4172903	0.1468	HOTL-GEN
595514	4172903	0.15984	HOTL-GEN
595534	4172903	0.17374	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172903	0.18728	HOTL-GEN
595574	4172903	0.2019	HOTL-GEN
595594	4172903	0.21452	HOTL-GEN
595614	4172903	0.22417	HOTL-GEN
595634	4172903	0.23338	HOTL-GEN
595654	4172903	0.24025	HOTL-GEN
595674	4172903	0.24123	HOTL-GEN
595694	4172903	0.24177	HOTL-GEN
595714	4172903	0.24105	HOTL-GEN
595734	4172903	0.23656	HOTL-GEN
595754	4172903	0.23204	HOTL-GEN
595774	4172903	0.22627	HOTL-GEN
595794	4172903	0.2191	HOTL-GEN
594854	4172923	0.02413	HOTL-GEN
594874	4172923	0.02439	HOTL-GEN
594894	4172923	0.02425	HOTL-GEN
594914	4172923	0.02426	HOTL-GEN
595254	4172923	0.04876	HOTL-GEN
595274	4172923	0.05245	HOTL-GEN
595294	4172923	0.05653	HOTL-GEN
595314	4172923	0.06084	HOTL-GEN
595334	4172923	0.06574	HOTL-GEN
595354	4172923	0.07105	HOTL-GEN
595374	4172923	0.07734	HOTL-GEN
595394	4172923	0.08442	HOTL-GEN
595414	4172923	0.09333	HOTL-GEN
595434	4172923	0.10326	HOTL-GEN
595454	4172923	0.11407	HOTL-GEN
595474	4172923	0.12557	HOTL-GEN
595494	4172923	0.13721	HOTL-GEN
595514	4172923	0.14913	HOTL-GEN
595534	4172923	0.16159	HOTL-GEN
595554	4172923	0.17461	HOTL-GEN
595574	4172923	0.18707	HOTL-GEN
595594	4172923	0.19848	HOTL-GEN
595614	4172923	0.20821	HOTL-GEN
595634	4172923	0.2167	HOTL-GEN
595654	4172923	0.22161	HOTL-GEN
595674	4172923	0.22513	HOTL-GEN
595694	4172923	0.22623	HOTL-GEN
595714	4172923	0.22522	HOTL-GEN
595734	4172923	0.22248	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172923	0.21757	HOTL-GEN
595774	4172923	0.21306	HOTL-GEN
595314	4172943	0.05852	HOTL-GEN
595334	4172943	0.06292	HOTL-GEN
595354	4172943	0.06801	HOTL-GEN
595374	4172943	0.07386	HOTL-GEN
595394	4172943	0.0805	HOTL-GEN
595414	4172943	0.08841	HOTL-GEN
595434	4172943	0.09742	HOTL-GEN
595454	4172943	0.10732	HOTL-GEN
595474	4172943	0.11772	HOTL-GEN
595494	4172943	0.12876	HOTL-GEN
595514	4172943	0.13955	HOTL-GEN
595534	4172943	0.15039	HOTL-GEN
595554	4172943	0.16232	HOTL-GEN
595574	4172943	0.17303	HOTL-GEN
595594	4172943	0.18419	HOTL-GEN
595614	4172943	0.19322	HOTL-GEN
595634	4172943	0.20128	HOTL-GEN
595654	4172943	0.20544	HOTL-GEN
595674	4172943	0.21044	HOTL-GEN
595694	4172943	0.21135	HOTL-GEN
595714	4172943	0.21122	HOTL-GEN
595734	4172943	0.20878	HOTL-GEN
595754	4172943	0.20545	HOTL-GEN
595774	4172943	0.2001	HOTL-GEN
595314	4172963	0.05618	HOTL-GEN
595334	4172963	0.06033	HOTL-GEN
595354	4172963	0.06536	HOTL-GEN
595374	4172963	0.07033	HOTL-GEN
595394	4172963	0.07659	HOTL-GEN
595414	4172963	0.08387	HOTL-GEN
595434	4172963	0.09211	HOTL-GEN
595454	4172963	0.101	HOTL-GEN
595474	4172963	0.11035	HOTL-GEN
595494	4172963	0.12047	HOTL-GEN
595514	4172963	0.1299	HOTL-GEN
595534	4172963	0.1402	HOTL-GEN
595554	4172963	0.15096	HOTL-GEN
595574	4172963	0.1609	HOTL-GEN
595594	4172963	0.17045	HOTL-GEN
595614	4172963	0.17946	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172963	0.18546	HOTL-GEN
595654	4172963	0.19208	HOTL-GEN
595674	4172963	0.19586	HOTL-GEN
595694	4172963	0.19808	HOTL-GEN
595714	4172963	0.19705	HOTL-GEN
595734	4172963	0.19633	HOTL-GEN
595754	4172963	0.19268	HOTL-GEN
595314	4172983	0.0537	HOTL-GEN
595334	4172983	0.05782	HOTL-GEN
595354	4172983	0.06256	HOTL-GEN
595374	4172983	0.06719	HOTL-GEN
595394	4172983	0.07287	HOTL-GEN
595414	4172983	0.07956	HOTL-GEN
595434	4172983	0.08725	HOTL-GEN
595454	4172983	0.09541	HOTL-GEN
595474	4172983	0.10388	HOTL-GEN
595494	4172983	0.11282	HOTL-GEN
595514	4172983	0.12136	HOTL-GEN
595534	4172983	0.13067	HOTL-GEN
595554	4172983	0.14025	HOTL-GEN
595574	4172983	0.14893	HOTL-GEN
595594	4172983	0.15845	HOTL-GEN
595614	4172983	0.16634	HOTL-GEN
595634	4172983	0.17258	HOTL-GEN
595654	4172983	0.17872	HOTL-GEN
595674	4172983	0.18295	HOTL-GEN
595694	4172983	0.18508	HOTL-GEN
595714	4172983	0.18485	HOTL-GEN
595734	4172983	0.18439	HOTL-GEN
595754	4172983	0.18191	HOTL-GEN
595314	4173003	0.05189	HOTL-GEN
595334	4173003	0.05534	HOTL-GEN
595354	4173003	0.05955	HOTL-GEN
595374	4173003	0.06414	HOTL-GEN
595394	4173003	0.06934	HOTL-GEN
595414	4173003	0.07557	HOTL-GEN
595434	4173003	0.08262	HOTL-GEN
595454	4173003	0.08985	HOTL-GEN
595474	4173003	0.0979	HOTL-GEN
595494	4173003	0.1059	HOTL-GEN
595514	4173003	0.1137	HOTL-GEN
595534	4173003	0.12176	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4173003	0.13072	HOTL-GEN
595574	4173003	0.13859	HOTL-GEN
595594	4173003	0.14693	HOTL-GEN
595614	4173003	0.15409	HOTL-GEN
595634	4173003	0.16053	HOTL-GEN
595654	4173003	0.16653	HOTL-GEN
595674	4173003	0.17086	HOTL-GEN
595694	4173003	0.17301	HOTL-GEN
595714	4173003	0.17403	HOTL-GEN
595734	4173003	0.17264	HOTL-GEN
595294	4173023	0.04663	HOTL-GEN
595314	4173023	0.04961	HOTL-GEN
595334	4173023	0.05304	HOTL-GEN
595354	4173023	0.05699	HOTL-GEN
595374	4173023	0.06087	HOTL-GEN
595394	4173023	0.06608	HOTL-GEN
595414	4173023	0.0718	HOTL-GEN
595434	4173023	0.07817	HOTL-GEN
595454	4173023	0.08473	HOTL-GEN
595474	4173023	0.09188	HOTL-GEN
595494	4173023	0.0993	HOTL-GEN
595514	4173023	0.10661	HOTL-GEN
595534	4173023	0.1139	HOTL-GEN
595554	4173023	0.12195	HOTL-GEN
595574	4173023	0.12921	HOTL-GEN
595594	4173023	0.13693	HOTL-GEN
595614	4173023	0.14298	HOTL-GEN
595634	4173023	0.14969	HOTL-GEN
595654	4173023	0.15498	HOTL-GEN
595674	4173023	0.15953	HOTL-GEN
595694	4173023	0.16236	HOTL-GEN
595714	4173023	0.16281	HOTL-GEN
595294	4173043	0.04498	HOTL-GEN
595314	4173043	0.04757	HOTL-GEN
595334	4173043	0.05087	HOTL-GEN
595354	4173043	0.05454	HOTL-GEN
595374	4173043	0.05815	HOTL-GEN
595394	4173043	0.06298	HOTL-GEN
595414	4173043	0.06814	HOTL-GEN
595434	4173043	0.07406	HOTL-GEN
595454	4173043	0.08005	HOTL-GEN
595474	4173043	0.08656	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4173043	0.09335	HOTL-GEN
595514	4173043	0.09984	HOTL-GEN
595534	4173043	0.10649	HOTL-GEN
595554	4173043	0.11354	HOTL-GEN
595574	4173043	0.12058	HOTL-GEN
595594	4173043	0.12708	HOTL-GEN
595614	4173043	0.13328	HOTL-GEN
595634	4173043	0.13921	HOTL-GEN
595654	4173043	0.14459	HOTL-GEN
595674	4173043	0.14869	HOTL-GEN
595694	4173043	0.15167	HOTL-GEN
595294	4173063	0.04306	HOTL-GEN
595314	4173063	0.04575	HOTL-GEN
595334	4173063	0.04876	HOTL-GEN
595354	4173063	0.05201	HOTL-GEN
595374	4173063	0.05554	HOTL-GEN
595394	4173063	0.05981	HOTL-GEN
595414	4173063	0.06464	HOTL-GEN
595434	4173063	0.07011	HOTL-GEN
595454	4173063	0.07571	HOTL-GEN
595474	4173063	0.08172	HOTL-GEN
595494	4173063	0.08794	HOTL-GEN
595514	4173063	0.09383	HOTL-GEN
595534	4173063	0.09942	HOTL-GEN
595554	4173063	0.10621	HOTL-GEN
595574	4173063	0.11239	HOTL-GEN
595594	4173063	0.11794	HOTL-GEN
595614	4173063	0.12417	HOTL-GEN
595634	4173063	0.12984	HOTL-GEN
595654	4173063	0.13467	HOTL-GEN
595354	4173083	0.04975	HOTL-GEN
595374	4173083	0.05292	HOTL-GEN
595394	4173083	0.05686	HOTL-GEN
595414	4173083	0.06133	HOTL-GEN
595434	4173083	0.06606	HOTL-GEN
595454	4173083	0.07127	HOTL-GEN
595474	4173083	0.07723	HOTL-GEN
595494	4173083	0.08303	HOTL-GEN
595514	4173083	0.08855	HOTL-GEN
595534	4173083	0.09328	HOTL-GEN
595554	4173083	0.09951	HOTL-GEN
595574	4173083	0.10506	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4173083	0.11063	HOTL-GEN
595614	4173083	0.11558	HOTL-GEN
595334	4173103	0.04451	HOTL-GEN
595354	4173103	0.0475	HOTL-GEN
595374	4173103	0.05032	HOTL-GEN
595394	4173103	0.05408	HOTL-GEN
595414	4173103	0.05823	HOTL-GEN
595434	4173103	0.06262	HOTL-GEN
595454	4173103	0.0675	HOTL-GEN
595474	4173103	0.07309	HOTL-GEN
595494	4173103	0.07836	HOTL-GEN
595514	4173103	0.08283	HOTL-GEN
595534	4173103	0.08767	HOTL-GEN
595334	4173123	0.04267	HOTL-GEN
595354	4173123	0.04503	HOTL-GEN
595374	4173123	0.04796	HOTL-GEN
595394	4173123	0.05147	HOTL-GEN
595414	4173123	0.05535	HOTL-GEN
595434	4173123	0.05947	HOTL-GEN
595454	4173123	0.06402	HOTL-GEN
595474	4173123	0.06931	HOTL-GEN
595494	4173123	0.07397	HOTL-GEN
595514	4173123	0.07784	HOTL-GEN
595354	4173143	0.04303	HOTL-GEN
595374	4173143	0.04579	HOTL-GEN
595394	4173143	0.04914	HOTL-GEN
595414	4173143	0.05309	HOTL-GEN
595434	4173143	0.05686	HOTL-GEN
595494	4173143	0.06936	HOTL-GEN
595354	4173163	0.04128	HOTL-GEN
595374	4173163	0.04381	HOTL-GEN
595394	4173163	0.04675	HOTL-GEN
595414	4173163	0.05047	HOTL-GEN
595434	4173163	0.05394	HOTL-GEN
595374	4173183	0.04188	HOTL-GEN
595394	4173183	0.04464	HOTL-GEN
595414	4173183	0.0479	HOTL-GEN
595434	4173183	0.05115	HOTL-GEN
595203.12	4172931.43	0.04152	HOTL-GEN
595305.29	4173022.49	0.04814	HOTL-GEN
596059.85	4172738.92	0.22501	HOTL-GEN
595782.4	4171913.24	0.49287	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595790.49	4171877.76	0.37007	HOTL-GEN
595826.59	4171700.37	0.12093	HOTL-GEN
595857.85	4171568.4	0.06821	HOTL-GEN
595427.66	4172811.08	0.13556	HOTL-GEN
595616.96	4172890.78	0.23738	HOTL-GEN
595465.61	4172972.42	0.10323	HOTL-GEN
595413.93	4172953.11	0.08606	HOTL-GEN
595207.62	4172857.58	0.04832	HOTL-GEN
595229.35	4172793.73	0.05869	HOTL-GEN
595251.41	4172717.21	0.0739	HOTL-GEN
595276.16	4172654.64	0.09132	HOTL-GEN
595286.24	4171790.65	0.22361	HOTL-GEN
595306.24	4171790.65	0.21745	HOTL-GEN
595326.24	4171790.65	0.21616	HOTL-GEN
595266.24	4171810.65	0.25418	HOTL-GEN
595286.24	4171810.65	0.2438	HOTL-GEN
595306.24	4171810.65	0.23684	HOTL-GEN
595326.24	4171810.65	0.234	HOTL-GEN
595246.24	4171830.65	0.29324	HOTL-GEN
595266.24	4171830.65	0.27847	HOTL-GEN
595286.24	4171830.65	0.26798	HOTL-GEN
595306.24	4171830.65	0.25906	HOTL-GEN
595326.24	4171830.65	0.25161	HOTL-GEN
595226.24	4171850.65	0.34079	HOTL-GEN
595246.24	4171850.65	0.32568	HOTL-GEN
595266.24	4171850.65	0.31104	HOTL-GEN
595286.24	4171850.65	0.29516	HOTL-GEN
595306.24	4171850.65	0.28344	HOTL-GEN
595326.24	4171850.65	0.2753	HOTL-GEN
595206.24	4171870.65	0.40953	HOTL-GEN
595226.24	4171870.65	0.38767	HOTL-GEN
595246.24	4171870.65	0.36439	HOTL-GEN
595266.24	4171870.65	0.34746	HOTL-GEN
595286.24	4171870.65	0.33005	HOTL-GEN
595306.24	4171870.65	0.31303	HOTL-GEN
595186.24	4171890.65	0.47854	HOTL-GEN
595206.24	4171890.65	0.4592	HOTL-GEN
595226.24	4171890.65	0.43567	HOTL-GEN
595246.24	4171890.65	0.40782	HOTL-GEN
595266.24	4171890.65	0.38227	HOTL-GEN
595286.24	4171890.65	0.36574	HOTL-GEN
595306.24	4171890.65	0.34719	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595186.24	4171910.65	0.54643	HOTL-GEN
595206.24	4171910.65	0.51795	HOTL-GEN
595226.24	4171910.65	0.49302	HOTL-GEN
595246.24	4171910.65	0.46766	HOTL-GEN
595266.24	4171910.65	0.43633	HOTL-GEN
595286.24	4171910.65	0.40874	HOTL-GEN
595306.24	4171910.65	0.38835	HOTL-GEN
595166.24	4171930.65	0.66901	HOTL-GEN
595186.24	4171930.65	0.62172	HOTL-GEN
595206.24	4171930.65	0.59347	HOTL-GEN
595226.24	4171930.65	0.56148	HOTL-GEN
595246.24	4171930.65	0.52655	HOTL-GEN
595266.24	4171930.65	0.49254	HOTL-GEN
595286.24	4171930.65	0.46137	HOTL-GEN
595166.24	4171950.65	0.77574	HOTL-GEN
595186.24	4171950.65	0.73129	HOTL-GEN
595206.24	4171950.65	0.67909	HOTL-GEN
595226.24	4171950.65	0.63801	HOTL-GEN
595246.24	4171950.65	0.6016	HOTL-GEN
595266.24	4171950.65	0.56545	HOTL-GEN
595286.24	4171950.65	0.52894	HOTL-GEN
595146.24	4171970.65	0.92377	HOTL-GEN
595166.24	4171970.65	0.90078	HOTL-GEN
595186.24	4171970.65	0.85357	HOTL-GEN
595206.24	4171970.65	0.80169	HOTL-GEN
595226.24	4171970.65	0.74052	HOTL-GEN
595246.24	4171970.65	0.69668	HOTL-GEN
595266.24	4171970.65	0.65171	HOTL-GEN
595146.24	4171990.65	1.0597	HOTL-GEN
595166.24	4171990.65	1.04074	HOTL-GEN
595186.24	4171990.65	1.00172	HOTL-GEN
595206.24	4171990.65	0.94337	HOTL-GEN
595852.66	4171825.33	0.30296	HOTL-GEN
595852.66	4171845.33	0.35526	HOTL-GEN
595852.66	4171865.33	0.41897	HOTL-GEN
595872.66	4171865.33	0.44231	HOTL-GEN
595892.66	4171865.33	0.4678	HOTL-GEN
595832.66	4171885.33	0.46536	HOTL-GEN
595852.66	4171885.33	0.49691	HOTL-GEN
595872.66	4171885.33	0.52864	HOTL-GEN
595892.66	4171885.33	0.55608	HOTL-GEN
595832.66	4171905.33	0.55617	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595852.66	4171905.33	0.59502	HOTL-GEN
595872.66	4171905.33	0.63287	HOTL-GEN
595892.66	4171905.33	0.66477	HOTL-GEN
595912.66	4171905.33	0.68868	HOTL-GEN
595832.66	4171925.33	0.6696	HOTL-GEN
595852.66	4171925.33	0.71487	HOTL-GEN
595872.66	4171925.33	0.75408	HOTL-GEN
595892.66	4171925.33	0.78909	HOTL-GEN
595912.66	4171925.33	0.81813	HOTL-GEN
595852.66	4171945.33	0.86265	HOTL-GEN
595872.66	4171945.33	0.90138	HOTL-GEN
595892.66	4171945.33	0.93528	HOTL-GEN
595912.66	4171945.33	0.9578	HOTL-GEN
595932.66	4171945.33	0.97573	HOTL-GEN
595102.43	4172101.44	1.35958	HOTL-GEN
595122.43	4172101.44	1.48813	HOTL-GEN
595142.43	4172101.44	1.64987	HOTL-GEN
595102.43	4172121.44	1.32295	HOTL-GEN
595122.43	4172121.44	1.49543	HOTL-GEN
595142.43	4172121.44	1.63976	HOTL-GEN
595082.43	4172141.44	1.10918	HOTL-GEN
595102.43	4172141.44	1.26391	HOTL-GEN
595122.43	4172141.44	1.43603	HOTL-GEN
595142.43	4172141.44	1.60562	HOTL-GEN
595082.43	4172161.44	1.0454	HOTL-GEN
595102.43	4172161.44	1.17021	HOTL-GEN
595122.43	4172161.44	1.32358	HOTL-GEN
595142.43	4172161.44	1.49021	HOTL-GEN
595082.43	4172181.44	0.94721	HOTL-GEN
595102.43	4172181.44	1.06299	HOTL-GEN
595122.43	4172181.44	1.20702	HOTL-GEN
595142.43	4172181.44	1.36811	HOTL-GEN
595062.43	4172201.44	0.75035	HOTL-GEN
595082.43	4172201.44	0.83378	HOTL-GEN
595102.43	4172201.44	0.9424	HOTL-GEN
595122.43	4172201.44	1.06605	HOTL-GEN
595142.43	4172201.44	1.19451	HOTL-GEN
595162.43	4172201.44	1.36692	HOTL-GEN
595062.43	4172221.44	0.65521	HOTL-GEN
595082.43	4172221.44	0.72857	HOTL-GEN
595102.43	4172221.44	0.80707	HOTL-GEN
595122.43	4172221.44	0.90616	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595142.43	4172221.44	1.01201	HOTL-GEN
595162.43	4172221.44	1.14447	HOTL-GEN
595062.43	4172241.44	0.55507	HOTL-GEN
595082.43	4172241.44	0.62052	HOTL-GEN
595102.43	4172241.44	0.68091	HOTL-GEN
595122.43	4172241.44	0.76115	HOTL-GEN
595142.43	4172241.44	0.84254	HOTL-GEN
595162.43	4172241.44	0.94631	HOTL-GEN
595062.43	4172261.44	0.46636	HOTL-GEN
595082.43	4172261.44	0.5084	HOTL-GEN
595102.43	4172261.44	0.55319	HOTL-GEN
595122.43	4172261.44	0.60437	HOTL-GEN
595142.43	4172261.44	0.67534	HOTL-GEN
595042.43	4172281.44	0.3507	HOTL-GEN
595062.43	4172281.44	0.38001	HOTL-GEN
595082.43	4172281.44	0.41155	HOTL-GEN
595102.43	4172281.44	0.44484	HOTL-GEN
595122.43	4172281.44	0.48599	HOTL-GEN
595142.43	4172281.44	0.52843	HOTL-GEN
595162.43	4172281.44	0.57541	HOTL-GEN
595042.43	4172301.44	0.28609	HOTL-GEN
595062.43	4172301.44	0.30812	HOTL-GEN
595082.43	4172301.44	0.33051	HOTL-GEN
595102.43	4172301.44	0.35466	HOTL-GEN
595122.43	4172301.44	0.38231	HOTL-GEN
595142.43	4172301.44	0.41185	HOTL-GEN
595162.43	4172301.44	0.44406	HOTL-GEN
595042.43	4172321.44	0.23735	HOTL-GEN
595062.43	4172321.44	0.2535	HOTL-GEN
595082.43	4172321.44	0.26821	HOTL-GEN
595102.43	4172321.44	0.28653	HOTL-GEN
595122.43	4172321.44	0.30317	HOTL-GEN
595142.43	4172321.44	0.32479	HOTL-GEN
595162.43	4172321.44	0.34754	HOTL-GEN
595022.43	4172341.44	0.18783	HOTL-GEN
595042.43	4172341.44	0.19938	HOTL-GEN
595062.43	4172341.44	0.20872	HOTL-GEN
595082.43	4172341.44	0.22104	HOTL-GEN
595102.43	4172341.44	0.23455	HOTL-GEN
595122.43	4172341.44	0.24862	HOTL-GEN
595142.43	4172341.44	0.26477	HOTL-GEN
595162.43	4172341.44	0.28048	HOTL-GEN

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595509.2	4172311.1	3.43402	HOTL-GEN
595453.66	4172369.33	0.72415	HOTL-GEN
595568.33	4173021.18	0.12798	HOTL-GEN
595515	4172097	0.74693	HOTL-GEN
595271.59	4172931.11	0.05121	HOTL-GEN
595259.54	4172956.67	0.04686	HOTL-GEN
595229.53	4172979.48	0.04044	HOTL-GEN
595158.78	4172948.61	0.03629	HOTL-GEN
595424.36	4172061.47	0.7199	HOTL-GEN
595637.78	4172033.56	0.6788	HOTL-GEN
595497.98	4172569.45	0.5403	HOTL-GEN
595440.32	4172695.89	0.20656	HOTL-GEN
595531.7	4172736.24	0.33022	HOTL-GEN
595503.43	4172797.49	0.22409	HOTL-GEN
595293.61	4172706.67	0.086	HOTL-GEN
595216.89	4172907.31	0.04444	HOTL-GEN
595554	4171743	0.40751	DEL-EXH
595574	4171743	0.41096	DEL-EXH
595594	4171743	0.40813	DEL-EXH
595614	4171743	0.41097	DEL-EXH
595634	4171743	0.41141	DEL-EXH
595654	4171743	0.41617	DEL-EXH
595674	4171743	0.42147	DEL-EXH
595694	4171743	0.42943	DEL-EXH
595714	4171743	0.43239	DEL-EXH
595534	4171763	0.45848	DEL-EXH
595554	4171763	0.44774	DEL-EXH
595574	4171763	0.45013	DEL-EXH
595594	4171763	0.44762	DEL-EXH
595614	4171763	0.45031	DEL-EXH
595634	4171763	0.45412	DEL-EXH
595654	4171763	0.45721	DEL-EXH
595674	4171763	0.46365	DEL-EXH
595694	4171763	0.46806	DEL-EXH
595714	4171763	0.47722	DEL-EXH
595734	4171763	0.4939	DEL-EXH
595754	4171763	0.50409	DEL-EXH
595774	4171763	0.51547	DEL-EXH
595314	4171783	0.59963	DEL-EXH
595334	4171783	0.59507	DEL-EXH
595534	4171783	0.50389	DEL-EXH
595554	4171783	0.49671	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4171783	0.49295	DEL-EXH
595594	4171783	0.48904	DEL-EXH
595614	4171783	0.48973	DEL-EXH
595634	4171783	0.50091	DEL-EXH
595654	4171783	0.50611	DEL-EXH
595674	4171783	0.51412	DEL-EXH
595694	4171783	0.51616	DEL-EXH
595714	4171783	0.53464	DEL-EXH
595734	4171783	0.54703	DEL-EXH
595754	4171783	0.55786	DEL-EXH
595774	4171783	0.57276	DEL-EXH
595794	4171783	0.58772	DEL-EXH
595274	4171803	0.66474	DEL-EXH
595294	4171803	0.66243	DEL-EXH
595314	4171803	0.6598	DEL-EXH
595334	4171803	0.65568	DEL-EXH
595534	4171803	0.56303	DEL-EXH
595554	4171803	0.55349	DEL-EXH
595574	4171803	0.55587	DEL-EXH
595594	4171803	0.55289	DEL-EXH
595614	4171803	0.55378	DEL-EXH
595634	4171803	0.55733	DEL-EXH
595654	4171803	0.5583	DEL-EXH
595674	4171803	0.56542	DEL-EXH
595694	4171803	0.57513	DEL-EXH
595714	4171803	0.59744	DEL-EXH
595734	4171803	0.6097	DEL-EXH
595754	4171803	0.62066	DEL-EXH
595774	4171803	0.64022	DEL-EXH
595794	4171803	0.65773	DEL-EXH
595814	4171803	0.6764	DEL-EXH
595254	4171823	0.72581	DEL-EXH
595274	4171823	0.72644	DEL-EXH
595294	4171823	0.72657	DEL-EXH
595314	4171823	0.7267	DEL-EXH
595334	4171823	0.72484	DEL-EXH
595514	4171823	0.65605	DEL-EXH
595534	4171823	0.63603	DEL-EXH
595554	4171823	0.62618	DEL-EXH
595574	4171823	0.62071	DEL-EXH
595594	4171823	0.61686	DEL-EXH
595614	4171823	0.62101	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4171823	0.62518	DEL-EXH
595654	4171823	0.63351	DEL-EXH
595674	4171823	0.64339	DEL-EXH
595694	4171823	0.64625	DEL-EXH
595714	4171823	0.67206	DEL-EXH
595734	4171823	0.68577	DEL-EXH
595754	4171823	0.70158	DEL-EXH
595774	4171823	0.72131	DEL-EXH
595794	4171823	0.74183	DEL-EXH
595814	4171823	0.76391	DEL-EXH
595834	4171823	0.78693	DEL-EXH
595854	4171823	0.80665	DEL-EXH
595234	4171843	0.78923	DEL-EXH
595254	4171843	0.79325	DEL-EXH
595274	4171843	0.79707	DEL-EXH
595294	4171843	0.79974	DEL-EXH
595314	4171843	0.80098	DEL-EXH
595334	4171843	0.80234	DEL-EXH
595514	4171843	0.74518	DEL-EXH
595534	4171843	0.72642	DEL-EXH
595554	4171843	0.71281	DEL-EXH
595574	4171843	0.71559	DEL-EXH
595594	4171843	0.70178	DEL-EXH
595614	4171843	0.70571	DEL-EXH
595634	4171843	0.70923	DEL-EXH
595654	4171843	0.71824	DEL-EXH
595674	4171843	0.7201	DEL-EXH
595694	4171843	0.73628	DEL-EXH
595714	4171843	0.76243	DEL-EXH
595734	4171843	0.77703	DEL-EXH
595754	4171843	0.79851	DEL-EXH
595774	4171843	0.82033	DEL-EXH
595794	4171843	0.84564	DEL-EXH
595814	4171843	0.87112	DEL-EXH
595854	4171843	0.91514	DEL-EXH
595874	4171843	0.93017	DEL-EXH
595214	4171863	0.8492	DEL-EXH
595234	4171863	0.85821	DEL-EXH
595254	4171863	0.86667	DEL-EXH
595274	4171863	0.87297	DEL-EXH
595294	4171863	0.87977	DEL-EXH
595314	4171863	0.88401	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595334	4171863	0.88868	DEL-EXH
595514	4171863	0.85456	DEL-EXH
595534	4171863	0.83935	DEL-EXH
595554	4171863	0.82463	DEL-EXH
595574	4171863	0.80969	DEL-EXH
595594	4171863	0.79776	DEL-EXH
595614	4171863	0.7914	DEL-EXH
595634	4171863	0.80316	DEL-EXH
595654	4171863	0.82367	DEL-EXH
595674	4171863	0.81929	DEL-EXH
595694	4171863	0.85188	DEL-EXH
595714	4171863	0.86959	DEL-EXH
595734	4171863	0.88882	DEL-EXH
595754	4171863	0.91702	DEL-EXH
595774	4171863	0.94842	DEL-EXH
595794	4171863	0.98212	DEL-EXH
595814	4171863	1.01014	DEL-EXH
595834	4171863	1.03019	DEL-EXH
595854	4171863	1.04481	DEL-EXH
595874	4171863	1.05274	DEL-EXH
595894	4171863	1.05296	DEL-EXH
595194	4171883	0.91123	DEL-EXH
595214	4171883	0.92391	DEL-EXH
595234	4171883	0.93542	DEL-EXH
595254	4171883	0.94588	DEL-EXH
595274	4171883	0.95598	DEL-EXH
595294	4171883	0.96644	DEL-EXH
595314	4171883	0.9751	DEL-EXH
595514	4171883	0.9957	DEL-EXH
595534	4171883	0.98577	DEL-EXH
595554	4171883	0.96949	DEL-EXH
595574	4171883	0.95015	DEL-EXH
595594	4171883	0.93509	DEL-EXH
595614	4171883	0.92357	DEL-EXH
595634	4171883	0.92192	DEL-EXH
595654	4171883	0.94018	DEL-EXH
595674	4171883	0.94788	DEL-EXH
595694	4171883	0.98578	DEL-EXH
595714	4171883	1.01064	DEL-EXH
595734	4171883	1.03481	DEL-EXH
595754	4171883	1.06668	DEL-EXH
595774	4171883	1.10637	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4171883	1.13956	DEL-EXH
595814	4171883	1.17673	DEL-EXH
595834	4171883	1.19412	DEL-EXH
595854	4171883	1.20228	DEL-EXH
595874	4171883	1.20108	DEL-EXH
595894	4171883	1.19041	DEL-EXH
595174	4171903	0.96934	DEL-EXH
595194	4171903	0.98599	DEL-EXH
595214	4171903	1.001	DEL-EXH
595234	4171903	1.01762	DEL-EXH
595254	4171903	1.03348	DEL-EXH
595274	4171903	1.0482	DEL-EXH
595294	4171903	1.06266	DEL-EXH
595314	4171903	1.07747	DEL-EXH
595514	4171903	1.16249	DEL-EXH
595534	4171903	1.15808	DEL-EXH
595554	4171903	1.15229	DEL-EXH
595574	4171903	1.14395	DEL-EXH
595594	4171903	1.12638	DEL-EXH
595614	4171903	1.10913	DEL-EXH
595634	4171903	1.0925	DEL-EXH
595654	4171903	1.10146	DEL-EXH
595674	4171903	1.1162	DEL-EXH
595694	4171903	1.14275	DEL-EXH
595714	4171903	1.18925	DEL-EXH
595734	4171903	1.22134	DEL-EXH
595754	4171903	1.27322	DEL-EXH
595774	4171903	1.32099	DEL-EXH
595794	4171903	1.3605	DEL-EXH
595814	4171903	1.38585	DEL-EXH
595834	4171903	1.39354	DEL-EXH
595854	4171903	1.39016	DEL-EXH
595874	4171903	1.37238	DEL-EXH
595894	4171903	1.34475	DEL-EXH
595914	4171903	1.31047	DEL-EXH
595174	4171923	1.04327	DEL-EXH
595194	4171923	1.06471	DEL-EXH
595214	4171923	1.08691	DEL-EXH
595234	4171923	1.10765	DEL-EXH
595254	4171923	1.12888	DEL-EXH
595274	4171923	1.15047	DEL-EXH
595294	4171923	1.16895	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4171923	1.38226	DEL-EXH
595554	4171923	1.39024	DEL-EXH
595574	4171923	1.39082	DEL-EXH
595594	4171923	1.38076	DEL-EXH
595614	4171923	1.3622	DEL-EXH
595634	4171923	1.34039	DEL-EXH
595654	4171923	1.32817	DEL-EXH
595674	4171923	1.33996	DEL-EXH
595694	4171923	1.36027	DEL-EXH
595714	4171923	1.42064	DEL-EXH
595734	4171923	1.48205	DEL-EXH
595754	4171923	1.54524	DEL-EXH
595774	4171923	1.60153	DEL-EXH
595794	4171923	1.63735	DEL-EXH
595814	4171923	1.64844	DEL-EXH
595834	4171923	1.63432	DEL-EXH
595854	4171923	1.60728	DEL-EXH
595874	4171923	1.56554	DEL-EXH
595894	4171923	1.51532	DEL-EXH
595914	4171923	1.46059	DEL-EXH
595154	4171943	1.09636	DEL-EXH
595174	4171943	1.12283	DEL-EXH
595194	4171943	1.15059	DEL-EXH
595214	4171943	1.17679	DEL-EXH
595234	4171943	1.20424	DEL-EXH
595254	4171943	1.23363	DEL-EXH
595274	4171943	1.26092	DEL-EXH
595294	4171943	1.2883	DEL-EXH
595534	4171943	1.65977	DEL-EXH
595554	4171943	1.6943	DEL-EXH
595574	4171943	1.7246	DEL-EXH
595594	4171943	1.73576	DEL-EXH
595614	4171943	1.72344	DEL-EXH
595634	4171943	1.69018	DEL-EXH
595654	4171943	1.65543	DEL-EXH
595674	4171943	1.65157	DEL-EXH
595694	4171943	1.67231	DEL-EXH
595714	4171943	1.72554	DEL-EXH
595734	4171943	1.79835	DEL-EXH
595754	4171943	1.9109	DEL-EXH
595774	4171943	1.98894	DEL-EXH
595794	4171943	1.99486	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4171943	1.97373	DEL-EXH
595834	4171943	1.92464	DEL-EXH
595854	4171943	1.85824	DEL-EXH
595874	4171943	1.78217	DEL-EXH
595894	4171943	1.70216	DEL-EXH
595914	4171943	1.6212	DEL-EXH
595934	4171943	1.54183	DEL-EXH
595154	4171963	1.17221	DEL-EXH
595174	4171963	1.2061	DEL-EXH
595194	4171963	1.23973	DEL-EXH
595214	4171963	1.27472	DEL-EXH
595234	4171963	1.30814	DEL-EXH
595254	4171963	1.34846	DEL-EXH
595274	4171963	1.38464	DEL-EXH
595554	4171963	2.07199	DEL-EXH
595574	4171963	2.15745	DEL-EXH
595594	4171963	2.23114	DEL-EXH
595614	4171963	2.26573	DEL-EXH
595634	4171963	2.24707	DEL-EXH
595654	4171963	2.17083	DEL-EXH
595674	4171963	2.11696	DEL-EXH
595694	4171963	2.13796	DEL-EXH
595714	4171963	2.21815	DEL-EXH
595734	4171963	2.3529	DEL-EXH
595754	4171963	2.47127	DEL-EXH
595774	4171963	2.50153	DEL-EXH
595794	4171963	2.46363	DEL-EXH
595814	4171963	2.37621	DEL-EXH
595834	4171963	2.26389	DEL-EXH
595854	4171963	2.13762	DEL-EXH
595874	4171963	2.00515	DEL-EXH
595894	4171963	1.88977	DEL-EXH
595914	4171963	1.7791	DEL-EXH
595934	4171963	1.67754	DEL-EXH
595154	4171983	1.25183	DEL-EXH
595174	4171983	1.29185	DEL-EXH
595194	4171983	1.33518	DEL-EXH
595214	4171983	1.37925	DEL-EXH
595234	4171983	1.42505	DEL-EXH
595254	4171983	1.46632	DEL-EXH
595574	4171983	2.68643	DEL-EXH
595754	4172023	6.40639	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172023	5.30917	DEL-EXH
595794	4172023	4.49225	DEL-EXH
595814	4172023	3.88153	DEL-EXH
595834	4172023	3.4145	DEL-EXH
595714	4172043	15.96615	DEL-EXH
595734	4172043	10.62668	DEL-EXH
595754	4172043	7.80088	DEL-EXH
595774	4172043	6.16158	DEL-EXH
595794	4172043	5.05673	DEL-EXH
595814	4172043	4.26013	DEL-EXH
595834	4172043	3.6627	DEL-EXH
595854	4172043	3.20447	DEL-EXH
595874	4172043	2.84046	DEL-EXH
595894	4172043	2.54503	DEL-EXH
595914	4172043	2.30045	DEL-EXH
595934	4172043	2.10495	DEL-EXH
595714	4172063	18.78578	DEL-EXH
595734	4172063	12.26621	DEL-EXH
595754	4172063	8.81999	DEL-EXH
595774	4172063	6.78645	DEL-EXH
595794	4172063	5.45582	DEL-EXH
595814	4172063	4.52965	DEL-EXH
595834	4172063	3.85142	DEL-EXH
595854	4172063	3.33985	DEL-EXH
595874	4172063	2.93994	DEL-EXH
595894	4172063	2.61973	DEL-EXH
595914	4172063	2.35769	DEL-EXH
595934	4172063	2.14032	DEL-EXH
595714	4172083	20.1751	DEL-EXH
595734	4172083	13.01889	DEL-EXH
595754	4172083	9.24601	DEL-EXH
595774	4172083	7.03578	DEL-EXH
595794	4172083	5.61027	DEL-EXH
595814	4172083	4.63009	DEL-EXH
595834	4172083	3.92176	DEL-EXH
595854	4172083	3.38909	DEL-EXH
595874	4172083	2.97595	DEL-EXH
595894	4172083	2.64657	DEL-EXH
595914	4172083	2.37904	DEL-EXH
595934	4172083	2.15738	DEL-EXH
595114	4172103	1.57246	DEL-EXH
595134	4172103	1.65905	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172103	19.63845	DEL-EXH
595734	4172103	12.63497	DEL-EXH
595754	4172103	9.0386	DEL-EXH
595774	4172103	6.90863	DEL-EXH
595794	4172103	5.52746	DEL-EXH
595814	4172103	4.57183	DEL-EXH
595834	4172103	3.87953	DEL-EXH
595854	4172103	3.35775	DEL-EXH
595874	4172103	2.95208	DEL-EXH
595894	4172103	2.62851	DEL-EXH
595914	4172103	2.36541	DEL-EXH
595934	4172103	2.1475	DEL-EXH
595094	4172123	1.54162	DEL-EXH
595114	4172123	1.62408	DEL-EXH
595134	4172123	1.71828	DEL-EXH
595694	4172123	26.84515	DEL-EXH
595714	4172123	16.47198	DEL-EXH
595734	4172123	11.16859	DEL-EXH
595754	4172123	8.26594	DEL-EXH
595774	4172123	6.45571	DEL-EXH
595794	4172123	5.24044	DEL-EXH
595814	4172123	4.37984	DEL-EXH
595834	4172123	3.74484	DEL-EXH
595854	4172123	3.25997	DEL-EXH
595874	4172123	2.87902	DEL-EXH
595894	4172123	2.57342	DEL-EXH
595914	4172123	2.32301	DEL-EXH
595934	4172123	2.11454	DEL-EXH
595094	4172143	1.58408	DEL-EXH
595114	4172143	1.67197	DEL-EXH
595134	4172143	1.77274	DEL-EXH
595694	4172143	17.29663	DEL-EXH
595714	4172143	12.32824	DEL-EXH
595734	4172143	9.22125	DEL-EXH
595754	4172143	7.19259	DEL-EXH
595774	4172143	5.80919	DEL-EXH
595794	4172143	4.82503	DEL-EXH
595814	4172143	4.09929	DEL-EXH
595834	4172143	3.54716	DEL-EXH
595854	4172143	3.11598	DEL-EXH
595874	4172143	2.77141	DEL-EXH
595894	4172143	2.49138	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595914	4172143	2.25927	DEL-EXH
595934	4172143	2.06428	DEL-EXH
595094	4172163	1.62428	DEL-EXH
595114	4172163	1.71796	DEL-EXH
595134	4172163	1.82388	DEL-EXH
595154	4172163	1.95139	DEL-EXH
595614	4172163	19.19226	DEL-EXH
595634	4172163	17.99463	DEL-EXH
595654	4172163	16.14173	DEL-EXH
595674	4172163	13.80771	DEL-EXH
595694	4172163	11.31711	DEL-EXH
595714	4172163	9.1517	DEL-EXH
595734	4172163	7.42534	DEL-EXH
595754	4172163	6.11019	DEL-EXH
595774	4172163	5.11934	DEL-EXH
595794	4172163	4.36468	DEL-EXH
595814	4172163	3.78001	DEL-EXH
595834	4172163	3.31827	DEL-EXH
595854	4172163	2.94693	DEL-EXH
595874	4172163	2.64412	DEL-EXH
595894	4172163	2.39327	DEL-EXH
595914	4172163	2.1823	DEL-EXH
595074	4172183	1.57306	DEL-EXH
595094	4172183	1.66023	DEL-EXH
595114	4172183	1.75876	DEL-EXH
595134	4172183	1.87113	DEL-EXH
595154	4172183	1.99993	DEL-EXH
595614	4172183	11.29804	DEL-EXH
595634	4172183	10.62628	DEL-EXH
595654	4172183	10.06337	DEL-EXH
595674	4172183	9.14737	DEL-EXH
595694	4172183	8.0964	DEL-EXH
595714	4172183	7.02599	DEL-EXH
595734	4172183	6.03714	DEL-EXH
595754	4172183	5.18984	DEL-EXH
595774	4172183	4.49235	DEL-EXH
595794	4172183	3.92542	DEL-EXH
595814	4172183	3.46422	DEL-EXH
595834	4172183	3.08573	DEL-EXH
595854	4172183	2.77222	DEL-EXH
595874	4172183	2.51061	DEL-EXH
595894	4172183	2.28892	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595914	4172183	2.0996	DEL-EXH
595074	4172203	1.60631	DEL-EXH
595094	4172203	1.69684	DEL-EXH
595114	4172203	1.79814	DEL-EXH
595134	4172203	1.91523	DEL-EXH
595154	4172203	2.04977	DEL-EXH
595594	4172203	8.24181	DEL-EXH
595614	4172203	8.09765	DEL-EXH
595634	4172203	7.68363	DEL-EXH
595654	4172203	7.30317	DEL-EXH
595674	4172203	6.81487	DEL-EXH
595694	4172203	6.2525	DEL-EXH
595714	4172203	5.64449	DEL-EXH
595734	4172203	5.03552	DEL-EXH
595754	4172203	4.47037	DEL-EXH
595774	4172203	3.97107	DEL-EXH
595794	4172203	3.5423	DEL-EXH
595814	4172203	3.17801	DEL-EXH
595834	4172203	2.86865	DEL-EXH
595854	4172203	2.60529	DEL-EXH
595874	4172203	2.38042	DEL-EXH
595894	4172203	2.18587	DEL-EXH
595914	4172203	2.01695	DEL-EXH
595074	4172223	1.64011	DEL-EXH
595094	4172223	1.73705	DEL-EXH
595114	4172223	1.83901	DEL-EXH
595134	4172223	1.96089	DEL-EXH
595154	4172223	2.09872	DEL-EXH
595594	4172223	6.49873	DEL-EXH
595614	4172223	6.22681	DEL-EXH
595634	4172223	6.07969	DEL-EXH
595654	4172223	5.78827	DEL-EXH
595674	4172223	5.46989	DEL-EXH
595694	4172223	5.11454	DEL-EXH
595714	4172223	4.72536	DEL-EXH
595734	4172223	4.31966	DEL-EXH
595754	4172223	3.92387	DEL-EXH
595774	4172223	3.55508	DEL-EXH
595794	4172223	3.22388	DEL-EXH
595814	4172223	2.93226	DEL-EXH
595834	4172223	2.67719	DEL-EXH
595854	4172223	2.45469	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4172223	2.26026	DEL-EXH
595894	4172223	2.08926	DEL-EXH
595054	4172243	1.59341	DEL-EXH
595074	4172243	1.6798	DEL-EXH
595094	4172243	1.77961	DEL-EXH
595114	4172243	1.88483	DEL-EXH
595134	4172243	2.0115	DEL-EXH
595154	4172243	2.16377	DEL-EXH
595594	4172243	5.51414	DEL-EXH
595614	4172243	5.20578	DEL-EXH
595634	4172243	5.08952	DEL-EXH
595654	4172243	4.85843	DEL-EXH
595674	4172243	4.62079	DEL-EXH
595694	4172243	4.36618	DEL-EXH
595714	4172243	4.09102	DEL-EXH
595734	4172243	3.80067	DEL-EXH
595754	4172243	3.50923	DEL-EXH
595774	4172243	3.22703	DEL-EXH
595794	4172243	2.96456	DEL-EXH
595814	4172243	2.72639	DEL-EXH
595834	4172243	2.51284	DEL-EXH
595854	4172243	2.32274	DEL-EXH
595874	4172243	2.1532	DEL-EXH
595894	4172243	2.00179	DEL-EXH
595054	4172263	1.63527	DEL-EXH
595074	4172263	1.72738	DEL-EXH
595094	4172263	1.82902	DEL-EXH
595114	4172263	1.93485	DEL-EXH
595134	4172263	2.07732	DEL-EXH
595154	4172263	2.23236	DEL-EXH
595594	4172263	4.85998	DEL-EXH
595614	4172263	4.59852	DEL-EXH
595634	4172263	4.43975	DEL-EXH
595654	4172263	4.24318	DEL-EXH
595674	4172263	4.04931	DEL-EXH
595694	4172263	3.84948	DEL-EXH
595714	4172263	3.63857	DEL-EXH
595734	4172263	3.41741	DEL-EXH
595754	4172263	3.19154	DEL-EXH
595774	4172263	2.96799	DEL-EXH
595794	4172263	2.75452	DEL-EXH
595814	4172263	2.55594	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172263	2.37408	DEL-EXH
595854	4172263	2.20922	DEL-EXH
595874	4172263	2.05967	DEL-EXH
595894	4172263	1.92429	DEL-EXH
595054	4172283	1.67973	DEL-EXH
595074	4172283	1.77763	DEL-EXH
595094	4172283	1.87848	DEL-EXH
595114	4172283	1.99778	DEL-EXH
595134	4172283	2.14489	DEL-EXH
595154	4172283	2.30594	DEL-EXH
595174	4172283	2.50643	DEL-EXH
595574	4172283	4.58628	DEL-EXH
595594	4172283	4.37371	DEL-EXH
595614	4172283	4.1795	DEL-EXH
595634	4172283	3.98962	DEL-EXH
595654	4172283	3.81479	DEL-EXH
595674	4172283	3.64734	DEL-EXH
595694	4172283	3.47979	DEL-EXH
595714	4172283	3.30738	DEL-EXH
595734	4172283	3.12883	DEL-EXH
595754	4172283	2.94592	DEL-EXH
595774	4172283	2.76261	DEL-EXH
595794	4172283	2.58432	DEL-EXH
595814	4172283	2.41513	DEL-EXH
595834	4172283	2.25749	DEL-EXH
595854	4172283	2.11238	DEL-EXH
595874	4172283	1.97881	DEL-EXH
595894	4172283	1.8564	DEL-EXH
595034	4172303	1.63506	DEL-EXH
595054	4172303	1.72956	DEL-EXH
595074	4172303	1.83281	DEL-EXH
595094	4172303	1.93464	DEL-EXH
595114	4172303	2.07293	DEL-EXH
595134	4172303	2.21913	DEL-EXH
595154	4172303	2.39369	DEL-EXH
595174	4172303	2.60722	DEL-EXH
595574	4172303	4.23128	DEL-EXH
595594	4172303	4.00458	DEL-EXH
595614	4172303	3.84224	DEL-EXH
595634	4172303	3.66625	DEL-EXH
595654	4172303	3.5065	DEL-EXH
595674	4172303	3.35613	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172303	3.2089	DEL-EXH
595714	4172303	3.06047	DEL-EXH
595734	4172303	2.90924	DEL-EXH
595754	4172303	2.75477	DEL-EXH
595774	4172303	2.59918	DEL-EXH
595794	4172303	2.4462	DEL-EXH
595814	4172303	2.2988	DEL-EXH
595834	4172303	2.15976	DEL-EXH
595854	4172303	2.03003	DEL-EXH
595874	4172303	1.90914	DEL-EXH
595034	4172323	1.6813	DEL-EXH
595054	4172323	1.78385	DEL-EXH
595074	4172323	1.89095	DEL-EXH
595094	4172323	2.00278	DEL-EXH
595114	4172323	2.1422	DEL-EXH
595134	4172323	2.30522	DEL-EXH
595154	4172323	2.49292	DEL-EXH
595174	4172323	2.72167	DEL-EXH
595574	4172323	3.97623	DEL-EXH
595594	4172323	3.74317	DEL-EXH
595614	4172323	3.5918	DEL-EXH
595634	4172323	3.42752	DEL-EXH
595654	4172323	3.27975	DEL-EXH
595674	4172323	3.14158	DEL-EXH
595694	4172323	3.00755	DEL-EXH
595714	4172323	2.87478	DEL-EXH
595734	4172323	2.74112	DEL-EXH
595754	4172323	2.60561	DEL-EXH
595774	4172323	2.46917	DEL-EXH
595794	4172323	2.33415	DEL-EXH
595814	4172323	2.20314	DEL-EXH
595834	4172323	2.07805	DEL-EXH
595854	4172323	1.96003	DEL-EXH
595874	4172323	1.84909	DEL-EXH
595034	4172343	1.72889	DEL-EXH
595054	4172343	1.83986	DEL-EXH
595074	4172343	1.96032	DEL-EXH
595094	4172343	2.09076	DEL-EXH
595114	4172343	2.23197	DEL-EXH
595134	4172343	2.40076	DEL-EXH
595154	4172343	2.60493	DEL-EXH
595574	4172343	3.78646	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172343	3.57079	DEL-EXH
595614	4172343	3.40808	DEL-EXH
595634	4172343	3.25137	DEL-EXH
595654	4172343	3.11087	DEL-EXH
595674	4172343	2.98072	DEL-EXH
595694	4172343	2.85647	DEL-EXH
595714	4172343	2.73464	DEL-EXH
595734	4172343	2.61236	DEL-EXH
595754	4172343	2.48937	DEL-EXH
595774	4172343	2.36604	DEL-EXH
595794	4172343	2.24377	DEL-EXH
595814	4172343	2.12447	DEL-EXH
595834	4172343	2.0098	DEL-EXH
595854	4172343	1.90049	DEL-EXH
595874	4172343	1.79715	DEL-EXH
595554	4172363	3.85535	DEL-EXH
595574	4172363	3.63142	DEL-EXH
595594	4172363	3.44158	DEL-EXH
595614	4172363	3.27663	DEL-EXH
595634	4172363	3.12772	DEL-EXH
595654	4172363	2.99213	DEL-EXH
595674	4172363	2.86615	DEL-EXH
595694	4172363	2.74593	DEL-EXH
595714	4172363	2.62889	DEL-EXH
595734	4172363	2.51339	DEL-EXH
595754	4172363	2.39873	DEL-EXH
595774	4172363	2.28429	DEL-EXH
595794	4172363	2.17112	DEL-EXH
595814	4172363	2.05988	DEL-EXH
595834	4172363	1.95253	DEL-EXH
595854	4172363	1.84967	DEL-EXH
595874	4172363	1.752	DEL-EXH
595554	4172383	3.72294	DEL-EXH
595574	4172383	3.50477	DEL-EXH
595594	4172383	3.342	DEL-EXH
595614	4172383	3.18186	DEL-EXH
595634	4172383	3.03923	DEL-EXH
595654	4172383	2.90898	DEL-EXH
595674	4172383	2.78624	DEL-EXH
595694	4172383	2.66922	DEL-EXH
595714	4172383	2.55514	DEL-EXH
595734	4172383	2.44219	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172383	2.33074	DEL-EXH
595774	4172383	2.22064	DEL-EXH
595794	4172383	2.11235	DEL-EXH
595814	4172383	2.00647	DEL-EXH
595834	4172383	1.90408	DEL-EXH
595854	4172383	1.80596	DEL-EXH
595554	4172403	3.64967	DEL-EXH
595574	4172403	3.42677	DEL-EXH
595594	4172403	3.28044	DEL-EXH
595614	4172403	3.12595	DEL-EXH
595634	4172403	2.9867	DEL-EXH
595654	4172403	2.85763	DEL-EXH
595674	4172403	2.73506	DEL-EXH
595694	4172403	2.61654	DEL-EXH
595714	4172403	2.50215	DEL-EXH
595734	4172403	2.3904	DEL-EXH
595754	4172403	2.28076	DEL-EXH
595774	4172403	2.17278	DEL-EXH
595794	4172403	2.06661	DEL-EXH
595814	4172403	1.96305	DEL-EXH
595834	4172403	1.86317	DEL-EXH
595854	4172403	1.76756	DEL-EXH
595074	4172423	2.24401	DEL-EXH
595094	4172423	2.43927	DEL-EXH
595554	4172423	3.62242	DEL-EXH
595574	4172423	3.40624	DEL-EXH
595594	4172423	3.25889	DEL-EXH
595614	4172423	3.10863	DEL-EXH
595634	4172423	2.96905	DEL-EXH
595654	4172423	2.83718	DEL-EXH
595674	4172423	2.71036	DEL-EXH
595694	4172423	2.58841	DEL-EXH
595714	4172423	2.47029	DEL-EXH
595734	4172423	2.35572	DEL-EXH
595754	4172423	2.24421	DEL-EXH
595774	4172423	2.13541	DEL-EXH
595794	4172423	2.0295	DEL-EXH
595814	4172423	1.92725	DEL-EXH
595834	4172423	1.82876	DEL-EXH
595854	4172423	1.73447	DEL-EXH
595074	4172443	2.30366	DEL-EXH
595094	4172443	2.52326	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595114	4172443	2.76619	DEL-EXH
595134	4172443	3.0419	DEL-EXH
595534	4172443	3.81571	DEL-EXH
595554	4172443	3.61092	DEL-EXH
595574	4172443	3.43656	DEL-EXH
595594	4172443	3.28232	DEL-EXH
595614	4172443	3.13115	DEL-EXH
595634	4172443	2.98632	DEL-EXH
595654	4172443	2.84632	DEL-EXH
595674	4172443	2.71076	DEL-EXH
595694	4172443	2.5804	DEL-EXH
595714	4172443	2.45522	DEL-EXH
595734	4172443	2.33463	DEL-EXH
595754	4172443	2.21848	DEL-EXH
595774	4172443	2.10661	DEL-EXH
595794	4172443	1.99888	DEL-EXH
595814	4172443	1.89608	DEL-EXH
595834	4172443	1.79765	DEL-EXH
595854	4172443	1.70393	DEL-EXH
595054	4172463	2.13585	DEL-EXH
595074	4172463	2.35365	DEL-EXH
595094	4172463	2.59761	DEL-EXH
595114	4172463	2.87231	DEL-EXH
595534	4172463	3.85432	DEL-EXH
595554	4172463	3.64996	DEL-EXH
595574	4172463	3.49672	DEL-EXH
595594	4172463	3.35787	DEL-EXH
595614	4172463	3.19765	DEL-EXH
595634	4172463	3.03852	DEL-EXH
595654	4172463	2.88313	DEL-EXH
595674	4172463	2.73288	DEL-EXH
595694	4172463	2.58936	DEL-EXH
595714	4172463	2.45288	DEL-EXH
595734	4172463	2.32335	DEL-EXH
595754	4172463	2.20045	DEL-EXH
595774	4172463	2.08367	DEL-EXH
595794	4172463	1.97242	DEL-EXH
595814	4172463	1.86805	DEL-EXH
595834	4172463	1.76862	DEL-EXH
595054	4172483	2.05836	DEL-EXH
595074	4172483	2.37935	DEL-EXH
595094	4172483	2.65466	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595114	4172483	2.96656	DEL-EXH
595534	4172483	4.0156	DEL-EXH
595554	4172483	3.8095	DEL-EXH
595574	4172483	3.66486	DEL-EXH
595594	4172483	3.49391	DEL-EXH
595614	4172483	3.30508	DEL-EXH
595634	4172483	3.12279	DEL-EXH
595654	4172483	2.9435	DEL-EXH
595674	4172483	2.77158	DEL-EXH
595694	4172483	2.6099	DEL-EXH
595714	4172483	2.45885	DEL-EXH
595734	4172483	2.31801	DEL-EXH
595754	4172483	2.18649	DEL-EXH
595774	4172483	2.06343	DEL-EXH
595794	4172483	1.94819	DEL-EXH
595814	4172483	1.84101	DEL-EXH
595834	4172483	1.74019	DEL-EXH
595034	4172503	1.88569	DEL-EXH
595054	4172503	2.10297	DEL-EXH
595074	4172503	2.36615	DEL-EXH
595094	4172503	2.67314	DEL-EXH
595114	4172503	3.03544	DEL-EXH
595534	4172503	4.35488	DEL-EXH
595554	4172503	4.12327	DEL-EXH
595574	4172503	3.94125	DEL-EXH
595594	4172503	3.70718	DEL-EXH
595614	4172503	3.46804	DEL-EXH
595634	4172503	3.23916	DEL-EXH
595654	4172503	3.02227	DEL-EXH
595674	4172503	2.82106	DEL-EXH
595694	4172503	2.63648	DEL-EXH
595714	4172503	2.46804	DEL-EXH
595734	4172503	2.31389	DEL-EXH
595754	4172503	2.1731	DEL-EXH
595774	4172503	2.04307	DEL-EXH
595794	4172503	1.92244	DEL-EXH
595814	4172503	1.81283	DEL-EXH
595834	4172503	1.71053	DEL-EXH
595034	4172523	1.81049	DEL-EXH
595054	4172523	2.04361	DEL-EXH
595074	4172523	2.32081	DEL-EXH
595094	4172523	2.64132	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4172523	5.11299	DEL-EXH
595534	4172523	4.94235	DEL-EXH
595554	4172523	4.66918	DEL-EXH
595574	4172523	4.32946	DEL-EXH
595594	4172523	3.9442	DEL-EXH
595614	4172523	3.64358	DEL-EXH
595634	4172523	3.36851	DEL-EXH
595654	4172523	3.10885	DEL-EXH
595674	4172523	2.87078	DEL-EXH
595694	4172523	2.66284	DEL-EXH
595714	4172523	2.47545	DEL-EXH
595734	4172523	2.3075	DEL-EXH
595754	4172523	2.15617	DEL-EXH
595774	4172523	2.01945	DEL-EXH
595794	4172523	1.89408	DEL-EXH
595814	4172523	1.78186	DEL-EXH
595834	4172523	1.67829	DEL-EXH
595034	4172543	1.70224	DEL-EXH
595054	4172543	1.93227	DEL-EXH
595074	4172543	2.20814	DEL-EXH
595094	4172543	2.5505	DEL-EXH
595514	4172543	6.51585	DEL-EXH
595534	4172543	5.9959	DEL-EXH
595554	4172543	5.40698	DEL-EXH
595574	4172543	4.73068	DEL-EXH
595594	4172543	4.22115	DEL-EXH
595614	4172543	3.8062	DEL-EXH
595634	4172543	3.46975	DEL-EXH
595654	4172543	3.17236	DEL-EXH
595674	4172543	2.88197	DEL-EXH
595694	4172543	2.65742	DEL-EXH
595714	4172543	2.46187	DEL-EXH
595734	4172543	2.29133	DEL-EXH
595754	4172543	2.13183	DEL-EXH
595774	4172543	1.99049	DEL-EXH
595794	4172543	1.86121	DEL-EXH
595814	4172543	1.74644	DEL-EXH
595014	4172563	1.39385	DEL-EXH
595034	4172563	1.568	DEL-EXH
595054	4172563	1.77984	DEL-EXH
595074	4172563	2.03905	DEL-EXH
595094	4172563	2.37009	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4172563	9.26656	DEL-EXH
595534	4172563	7.48968	DEL-EXH
595554	4172563	6.13875	DEL-EXH
595574	4172563	5.13895	DEL-EXH
595594	4172563	4.47003	DEL-EXH
595614	4172563	3.95768	DEL-EXH
595634	4172563	3.59058	DEL-EXH
595654	4172563	3.1978	DEL-EXH
595674	4172563	2.89243	DEL-EXH
595694	4172563	2.64282	DEL-EXH
595714	4172563	2.42907	DEL-EXH
595734	4172563	2.24851	DEL-EXH
595754	4172563	2.09637	DEL-EXH
595774	4172563	1.95129	DEL-EXH
595794	4172563	1.81951	DEL-EXH
595814	4172563	1.70525	DEL-EXH
595014	4172583	1.2596	DEL-EXH
595034	4172583	1.41195	DEL-EXH
595054	4172583	1.60001	DEL-EXH
595074	4172583	1.82969	DEL-EXH
595494	4172583	18.85892	DEL-EXH
595514	4172583	11.80944	DEL-EXH
595534	4172583	8.69444	DEL-EXH
595554	4172583	6.61902	DEL-EXH
595574	4172583	5.43269	DEL-EXH
595594	4172583	4.6369	DEL-EXH
595614	4172583	4.06171	DEL-EXH
595634	4172583	3.62273	DEL-EXH
595654	4172583	3.18635	DEL-EXH
595674	4172583	2.87107	DEL-EXH
595694	4172583	2.60888	DEL-EXH
595714	4172583	2.3875	DEL-EXH
595734	4172583	2.20466	DEL-EXH
595754	4172583	2.04716	DEL-EXH
595774	4172583	1.89949	DEL-EXH
595794	4172583	1.7706	DEL-EXH
595814	4172583	1.65729	DEL-EXH
595034	4172603	1.25129	DEL-EXH
595054	4172603	1.4073	DEL-EXH
595074	4172603	1.60087	DEL-EXH
595494	4172603	18.62193	DEL-EXH
595514	4172603	12.33214	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172603	9.09288	DEL-EXH
595554	4172603	6.83001	DEL-EXH
595574	4172603	5.51914	DEL-EXH
595594	4172603	4.66577	DEL-EXH
595614	4172603	4.07615	DEL-EXH
595634	4172603	3.55501	DEL-EXH
595654	4172603	3.13291	DEL-EXH
595674	4172603	2.81095	DEL-EXH
595694	4172603	2.54565	DEL-EXH
595714	4172603	2.32347	DEL-EXH
595734	4172603	2.14782	DEL-EXH
595754	4172603	1.98435	DEL-EXH
595774	4172603	1.83879	DEL-EXH
595794	4172603	1.71438	DEL-EXH
595474	4172623	26.71459	DEL-EXH
595494	4172623	17.12061	DEL-EXH
595514	4172623	11.91371	DEL-EXH
595534	4172623	8.85088	DEL-EXH
595554	4172623	6.88876	DEL-EXH
595574	4172623	5.55426	DEL-EXH
595594	4172623	4.60022	DEL-EXH
595614	4172623	3.98303	DEL-EXH
595634	4172623	3.45341	DEL-EXH
595654	4172623	3.05214	DEL-EXH
595674	4172623	2.7213	DEL-EXH
595694	4172623	2.45336	DEL-EXH
595714	4172623	2.24041	DEL-EXH
595734	4172623	2.06693	DEL-EXH
595754	4172623	1.90748	DEL-EXH
595774	4172623	1.76921	DEL-EXH
595794	4172623	1.64932	DEL-EXH
595814	4172623	1.5429	DEL-EXH
595474	4172643	22.76207	DEL-EXH
595494	4172643	15.02924	DEL-EXH
595514	4172643	10.90101	DEL-EXH
595534	4172643	8.19469	DEL-EXH
595554	4172643	6.4383	DEL-EXH
595574	4172643	5.24328	DEL-EXH
595594	4172643	4.3931	DEL-EXH
595614	4172643	3.74053	DEL-EXH
595634	4172643	3.2397	DEL-EXH
595654	4172643	2.8879	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172643	2.59708	DEL-EXH
595694	4172643	2.35034	DEL-EXH
595714	4172643	2.14413	DEL-EXH
595734	4172643	1.96943	DEL-EXH
595754	4172643	1.81964	DEL-EXH
595774	4172643	1.69055	DEL-EXH
595794	4172643	1.57707	DEL-EXH
595814	4172643	1.4765	DEL-EXH
595474	4172663	19.03193	DEL-EXH
595494	4172663	12.84824	DEL-EXH
595514	4172663	9.44642	DEL-EXH
595534	4172663	7.23574	DEL-EXH
595554	4172663	5.7793	DEL-EXH
595574	4172663	4.76324	DEL-EXH
595594	4172663	4.02964	DEL-EXH
595614	4172663	3.44264	DEL-EXH
595634	4172663	3.01358	DEL-EXH
595654	4172663	2.68756	DEL-EXH
595674	4172663	2.41791	DEL-EXH
595694	4172663	2.20642	DEL-EXH
595714	4172663	2.01998	DEL-EXH
595734	4172663	1.86101	DEL-EXH
595754	4172663	1.72421	DEL-EXH
595774	4172663	1.60435	DEL-EXH
595794	4172663	1.49918	DEL-EXH
595814	4172663	1.40585	DEL-EXH
595454	4172683	22.17296	DEL-EXH
595474	4172683	14.10291	DEL-EXH
595494	4172683	10.12353	DEL-EXH
595514	4172683	7.72316	DEL-EXH
595534	4172683	6.11804	DEL-EXH
595554	4172683	5.01332	DEL-EXH
595574	4172683	4.21341	DEL-EXH
595594	4172683	3.62522	DEL-EXH
595614	4172683	3.12345	DEL-EXH
595634	4172683	2.76997	DEL-EXH
595654	4172683	2.48397	DEL-EXH
595674	4172683	2.24628	DEL-EXH
595694	4172683	2.061	DEL-EXH
595714	4172683	1.89083	DEL-EXH
595734	4172683	1.74822	DEL-EXH
595754	4172683	1.62256	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172683	1.51114	DEL-EXH
595794	4172683	1.41652	DEL-EXH
595814	4172683	1.3316	DEL-EXH
595474	4172703	9.2972	DEL-EXH
595494	4172703	7.34844	DEL-EXH
595514	4172703	5.99339	DEL-EXH
595534	4172703	5.01776	DEL-EXH
595554	4172703	4.2558	DEL-EXH
595574	4172703	3.6591	DEL-EXH
595594	4172703	3.20123	DEL-EXH
595614	4172703	2.80872	DEL-EXH
595634	4172703	2.51685	DEL-EXH
595654	4172703	2.27322	DEL-EXH
595674	4172703	2.07261	DEL-EXH
595694	4172703	1.90562	DEL-EXH
595714	4172703	1.75571	DEL-EXH
595734	4172703	1.63338	DEL-EXH
595754	4172703	1.51974	DEL-EXH
595774	4172703	1.42085	DEL-EXH
595794	4172703	1.33387	DEL-EXH
595814	4172703	1.25656	DEL-EXH
595834	4172703	1.18771	DEL-EXH
595294	4172723	2.92309	DEL-EXH
595314	4172723	3.41568	DEL-EXH
595514	4172723	4.74338	DEL-EXH
595534	4172723	4.07533	DEL-EXH
595554	4172723	3.55435	DEL-EXH
595574	4172723	3.15069	DEL-EXH
595594	4172723	2.83262	DEL-EXH
595614	4172723	2.52175	DEL-EXH
595634	4172723	2.27304	DEL-EXH
595654	4172723	2.07071	DEL-EXH
595674	4172723	1.90744	DEL-EXH
595694	4172723	1.7552	DEL-EXH
595714	4172723	1.63184	DEL-EXH
595734	4172723	1.51964	DEL-EXH
595754	4172723	1.4172	DEL-EXH
595774	4172723	1.32984	DEL-EXH
595794	4172723	1.24283	DEL-EXH
595814	4172723	1.17689	DEL-EXH
595834	4172723	1.11776	DEL-EXH
595294	4172743	2.31588	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4172743	2.65365	DEL-EXH
595334	4172743	3.02053	DEL-EXH
595354	4172743	3.4554	DEL-EXH
595374	4172743	3.83356	DEL-EXH
595534	4172743	3.41913	DEL-EXH
595554	4172743	3.04485	DEL-EXH
595574	4172743	2.71931	DEL-EXH
595594	4172743	2.45943	DEL-EXH
595614	4172743	2.24157	DEL-EXH
595634	4172743	2.06424	DEL-EXH
595654	4172743	1.89122	DEL-EXH
595674	4172743	1.74504	DEL-EXH
595694	4172743	1.61375	DEL-EXH
595714	4172743	1.50925	DEL-EXH
595734	4172743	1.41146	DEL-EXH
595754	4172743	1.32084	DEL-EXH
595774	4172743	1.23687	DEL-EXH
595794	4172743	1.16888	DEL-EXH
595814	4172743	1.10998	DEL-EXH
595834	4172743	1.055	DEL-EXH
595274	4172763	1.67017	DEL-EXH
595294	4172763	1.90645	DEL-EXH
595314	4172763	2.14559	DEL-EXH
595334	4172763	2.41237	DEL-EXH
595354	4172763	2.70546	DEL-EXH
595374	4172763	2.93256	DEL-EXH
595394	4172763	3.20171	DEL-EXH
595414	4172763	3.44993	DEL-EXH
595534	4172763	2.87901	DEL-EXH
595554	4172763	2.62134	DEL-EXH
595574	4172763	2.39057	DEL-EXH
595594	4172763	2.18424	DEL-EXH
595614	4172763	1.99907	DEL-EXH
595634	4172763	1.84103	DEL-EXH
595654	4172763	1.70837	DEL-EXH
595674	4172763	1.59109	DEL-EXH
595694	4172763	1.48394	DEL-EXH
595714	4172763	1.39338	DEL-EXH
595734	4172763	1.30904	DEL-EXH
595754	4172763	1.2308	DEL-EXH
595774	4172763	1.16033	DEL-EXH
595794	4172763	1.0998	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172763	1.04549	DEL-EXH
594934	4172783	0.33595	DEL-EXH
594954	4172783	0.35323	DEL-EXH
594974	4172783	0.37357	DEL-EXH
595274	4172783	1.41763	DEL-EXH
595294	4172783	1.59913	DEL-EXH
595314	4172783	1.80371	DEL-EXH
595334	4172783	1.99686	DEL-EXH
595354	4172783	2.16601	DEL-EXH
595374	4172783	2.34578	DEL-EXH
595394	4172783	2.52543	DEL-EXH
595414	4172783	2.69109	DEL-EXH
595434	4172783	2.82685	DEL-EXH
595454	4172783	2.90407	DEL-EXH
595514	4172783	2.62875	DEL-EXH
595534	4172783	2.45578	DEL-EXH
595554	4172783	2.27628	DEL-EXH
595574	4172783	2.10797	DEL-EXH
595594	4172783	1.94691	DEL-EXH
595614	4172783	1.80471	DEL-EXH
595634	4172783	1.67532	DEL-EXH
595654	4172783	1.56043	DEL-EXH
595674	4172783	1.4558	DEL-EXH
595694	4172783	1.3651	DEL-EXH
595714	4172783	1.29132	DEL-EXH
595734	4172783	1.2199	DEL-EXH
595754	4172783	1.15391	DEL-EXH
595774	4172783	1.09488	DEL-EXH
595794	4172783	1.04077	DEL-EXH
595814	4172783	0.98816	DEL-EXH
594894	4172803	0.28648	DEL-EXH
594914	4172803	0.30108	DEL-EXH
594934	4172803	0.31731	DEL-EXH
594954	4172803	0.33423	DEL-EXH
594974	4172803	0.35315	DEL-EXH
595274	4172803	1.21982	DEL-EXH
595294	4172803	1.3541	DEL-EXH
595314	4172803	1.50665	DEL-EXH
595334	4172803	1.6738	DEL-EXH
595354	4172803	1.80731	DEL-EXH
595374	4172803	1.94404	DEL-EXH
595394	4172803	2.0746	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595414	4172803	2.19551	DEL-EXH
595434	4172803	2.29053	DEL-EXH
595454	4172803	2.34775	DEL-EXH
595474	4172803	2.35899	DEL-EXH
595494	4172803	2.31792	DEL-EXH
595514	4172803	2.23316	DEL-EXH
595534	4172803	2.11845	DEL-EXH
595554	4172803	1.99226	DEL-EXH
595574	4172803	1.86871	DEL-EXH
595594	4172803	1.74436	DEL-EXH
595614	4172803	1.63229	DEL-EXH
595634	4172803	1.52812	DEL-EXH
595654	4172803	1.43248	DEL-EXH
595674	4172803	1.34549	DEL-EXH
595694	4172803	1.26397	DEL-EXH
595714	4172803	1.19168	DEL-EXH
595734	4172803	1.13039	DEL-EXH
595754	4172803	1.07353	DEL-EXH
595774	4172803	1.02152	DEL-EXH
595794	4172803	0.97321	DEL-EXH
595814	4172803	0.92881	DEL-EXH
594874	4172823	0.25422	DEL-EXH
594894	4172823	0.27011	DEL-EXH
594914	4172823	0.2871	DEL-EXH
594934	4172823	0.30188	DEL-EXH
594954	4172823	0.3176	DEL-EXH
595254	4172823	0.96846	DEL-EXH
595274	4172823	1.06619	DEL-EXH
595294	4172823	1.17448	DEL-EXH
595314	4172823	1.29943	DEL-EXH
595334	4172823	1.41786	DEL-EXH
595354	4172823	1.53208	DEL-EXH
595374	4172823	1.64759	DEL-EXH
595394	4172823	1.74868	DEL-EXH
595414	4172823	1.83755	DEL-EXH
595434	4172823	1.91342	DEL-EXH
595454	4172823	1.96284	DEL-EXH
595474	4172823	1.97691	DEL-EXH
595494	4172823	1.95899	DEL-EXH
595514	4172823	1.91019	DEL-EXH
595534	4172823	1.84053	DEL-EXH
595554	4172823	1.75671	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172823	1.66557	DEL-EXH
595594	4172823	1.57173	DEL-EXH
595614	4172823	1.48266	DEL-EXH
595634	4172823	1.39727	DEL-EXH
595654	4172823	1.31843	DEL-EXH
595674	4172823	1.24518	DEL-EXH
595694	4172823	1.17049	DEL-EXH
595714	4172823	1.10549	DEL-EXH
595734	4172823	1.05356	DEL-EXH
595754	4172823	1.0031	DEL-EXH
595774	4172823	0.95672	DEL-EXH
595794	4172823	0.91392	DEL-EXH
595814	4172823	0.87284	DEL-EXH
594874	4172843	0.24857	DEL-EXH
594894	4172843	0.2551	DEL-EXH
594914	4172843	0.27262	DEL-EXH
594934	4172843	0.28831	DEL-EXH
594954	4172843	0.30278	DEL-EXH
595254	4172843	0.8637	DEL-EXH
595274	4172843	0.94569	DEL-EXH
595294	4172843	1.03356	DEL-EXH
595314	4172843	1.13432	DEL-EXH
595334	4172843	1.22581	DEL-EXH
595354	4172843	1.32236	DEL-EXH
595374	4172843	1.41454	DEL-EXH
595394	4172843	1.49753	DEL-EXH
595414	4172843	1.57256	DEL-EXH
595434	4172843	1.63314	DEL-EXH
595454	4172843	1.67648	DEL-EXH
595474	4172843	1.69246	DEL-EXH
595494	4172843	1.688	DEL-EXH
595514	4172843	1.66013	DEL-EXH
595534	4172843	1.61204	DEL-EXH
595554	4172843	1.55339	DEL-EXH
595574	4172843	1.48943	DEL-EXH
595594	4172843	1.41986	DEL-EXH
595614	4172843	1.34771	DEL-EXH
595634	4172843	1.28048	DEL-EXH
595654	4172843	1.21543	DEL-EXH
595674	4172843	1.15355	DEL-EXH
595694	4172843	1.0701	DEL-EXH
595714	4172843	1.0373	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172843	0.98904	DEL-EXH
595754	4172843	0.94433	DEL-EXH
595774	4172843	0.9029	DEL-EXH
595794	4172843	0.86447	DEL-EXH
595814	4172843	0.82756	DEL-EXH
594854	4172863	0.2289	DEL-EXH
594874	4172863	0.24103	DEL-EXH
594894	4172863	0.24642	DEL-EXH
594914	4172863	0.25768	DEL-EXH
594934	4172863	0.27591	DEL-EXH
595234	4172863	0.71688	DEL-EXH
595254	4172863	0.77546	DEL-EXH
595274	4172863	0.84109	DEL-EXH
595294	4172863	0.91924	DEL-EXH
595314	4172863	0.99775	DEL-EXH
595334	4172863	1.07715	DEL-EXH
595354	4172863	1.15539	DEL-EXH
595374	4172863	1.23304	DEL-EXH
595394	4172863	1.2998	DEL-EXH
595414	4172863	1.36259	DEL-EXH
595434	4172863	1.41497	DEL-EXH
595454	4172863	1.45556	DEL-EXH
595474	4172863	1.47476	DEL-EXH
595494	4172863	1.47611	DEL-EXH
595514	4172863	1.45905	DEL-EXH
595534	4172863	1.42612	DEL-EXH
595554	4172863	1.38492	DEL-EXH
595574	4172863	1.33973	DEL-EXH
595594	4172863	1.28765	DEL-EXH
595614	4172863	1.23428	DEL-EXH
595634	4172863	1.17514	DEL-EXH
595654	4172863	1.12147	DEL-EXH
595674	4172863	1.06759	DEL-EXH
595694	4172863	1.01253	DEL-EXH
595714	4172863	0.9712	DEL-EXH
595734	4172863	0.92901	DEL-EXH
595754	4172863	0.88949	DEL-EXH
595774	4172863	0.85253	DEL-EXH
595794	4172863	0.81797	DEL-EXH
594854	4172883	0.21651	DEL-EXH
594874	4172883	0.22564	DEL-EXH
594894	4172883	0.23277	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594914	4172883	0.24405	DEL-EXH
595234	4172883	0.6536	DEL-EXH
595254	4172883	0.70271	DEL-EXH
595274	4172883	0.75769	DEL-EXH
595294	4172883	0.82093	DEL-EXH
595314	4172883	0.88525	DEL-EXH
595334	4172883	0.95572	DEL-EXH
595354	4172883	1.02491	DEL-EXH
595374	4172883	1.0893	DEL-EXH
595394	4172883	1.14463	DEL-EXH
595414	4172883	1.19679	DEL-EXH
595434	4172883	1.24399	DEL-EXH
595454	4172883	1.27595	DEL-EXH
595474	4172883	1.29687	DEL-EXH
595494	4172883	1.30251	DEL-EXH
595514	4172883	1.29595	DEL-EXH
595534	4172883	1.27489	DEL-EXH
595554	4172883	1.24605	DEL-EXH
595574	4172883	1.21138	DEL-EXH
595594	4172883	1.16934	DEL-EXH
595614	4172883	1.12594	DEL-EXH
595634	4172883	1.0822	DEL-EXH
595654	4172883	1.03923	DEL-EXH
595674	4172883	0.97865	DEL-EXH
595694	4172883	0.94883	DEL-EXH
595714	4172883	0.91046	DEL-EXH
595734	4172883	0.87382	DEL-EXH
595754	4172883	0.83907	DEL-EXH
595774	4172883	0.80625	DEL-EXH
595794	4172883	0.77519	DEL-EXH
594854	4172903	0.20843	DEL-EXH
594874	4172903	0.21692	DEL-EXH
594894	4172903	0.22332	DEL-EXH
594914	4172903	0.23356	DEL-EXH
595234	4172903	0.59895	DEL-EXH
595254	4172903	0.64095	DEL-EXH
595274	4172903	0.68837	DEL-EXH
595294	4172903	0.74089	DEL-EXH
595314	4172903	0.79532	DEL-EXH
595334	4172903	0.85432	DEL-EXH
595354	4172903	0.9099	DEL-EXH
595374	4172903	0.96565	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595394	4172903	1.01918	DEL-EXH
595414	4172903	1.06496	DEL-EXH
595434	4172903	1.10289	DEL-EXH
595454	4172903	1.13171	DEL-EXH
595474	4172903	1.15096	DEL-EXH
595494	4172903	1.16019	DEL-EXH
595514	4172903	1.15749	DEL-EXH
595534	4172903	1.14487	DEL-EXH
595554	4172903	1.12589	DEL-EXH
595574	4172903	1.0998	DEL-EXH
595594	4172903	1.06651	DEL-EXH
595614	4172903	1.03178	DEL-EXH
595634	4172903	0.99727	DEL-EXH
595654	4172903	0.9615	DEL-EXH
595674	4172903	0.90715	DEL-EXH
595694	4172903	0.88689	DEL-EXH
595714	4172903	0.85421	DEL-EXH
595734	4172903	0.82263	DEL-EXH
595754	4172903	0.79228	DEL-EXH
595774	4172903	0.76328	DEL-EXH
595794	4172903	0.73561	DEL-EXH
594854	4172923	0.19818	DEL-EXH
594874	4172923	0.20924	DEL-EXH
594894	4172923	0.2166	DEL-EXH
594914	4172923	0.22968	DEL-EXH
595254	4172923	0.58859	DEL-EXH
595274	4172923	0.62933	DEL-EXH
595294	4172923	0.67321	DEL-EXH
595314	4172923	0.72017	DEL-EXH
595334	4172923	0.77042	DEL-EXH
595354	4172923	0.81719	DEL-EXH
595374	4172923	0.86388	DEL-EXH
595394	4172923	0.90836	DEL-EXH
595414	4172923	0.94964	DEL-EXH
595434	4172923	0.98565	DEL-EXH
595454	4172923	1.013	DEL-EXH
595474	4172923	1.03202	DEL-EXH
595494	4172923	1.04086	DEL-EXH
595514	4172923	1.0419	DEL-EXH
595534	4172923	1.0345	DEL-EXH
595554	4172923	1.02218	DEL-EXH
595574	4172923	1.00181	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172923	0.97692	DEL-EXH
595614	4172923	0.95081	DEL-EXH
595634	4172923	0.92192	DEL-EXH
595654	4172923	0.8819	DEL-EXH
595674	4172923	0.85713	DEL-EXH
595694	4172923	0.82963	DEL-EXH
595714	4172923	0.80195	DEL-EXH
595734	4172923	0.77487	DEL-EXH
595754	4172923	0.74855	DEL-EXH
595774	4172923	0.72307	DEL-EXH
595314	4172943	0.65679	DEL-EXH
595334	4172943	0.69807	DEL-EXH
595354	4172943	0.73969	DEL-EXH
595374	4172943	0.7802	DEL-EXH
595394	4172943	0.81978	DEL-EXH
595414	4172943	0.85474	DEL-EXH
595434	4172943	0.88564	DEL-EXH
595454	4172943	0.91085	DEL-EXH
595474	4172943	0.9298	DEL-EXH
595494	4172943	0.94155	DEL-EXH
595514	4172943	0.94529	DEL-EXH
595534	4172943	0.94178	DEL-EXH
595554	4172943	0.93245	DEL-EXH
595574	4172943	0.91654	DEL-EXH
595594	4172943	0.89821	DEL-EXH
595614	4172943	0.87756	DEL-EXH
595634	4172943	0.85384	DEL-EXH
595654	4172943	0.8054	DEL-EXH
595674	4172943	0.79521	DEL-EXH
595694	4172943	0.77682	DEL-EXH
595714	4172943	0.75331	DEL-EXH
595734	4172943	0.72971	DEL-EXH
595754	4172943	0.70696	DEL-EXH
595774	4172943	0.6843	DEL-EXH
595314	4172963	0.6011	DEL-EXH
595334	4172963	0.63821	DEL-EXH
595354	4172963	0.67403	DEL-EXH
595374	4172963	0.70943	DEL-EXH
595394	4172963	0.74335	DEL-EXH
595414	4172963	0.77449	DEL-EXH
595434	4172963	0.80234	DEL-EXH
595454	4172963	0.82507	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4172963	0.8417	DEL-EXH
595494	4172963	0.85439	DEL-EXH
595514	4172963	0.86037	DEL-EXH
595534	4172963	0.86011	DEL-EXH
595554	4172963	0.85414	DEL-EXH
595574	4172963	0.8432	DEL-EXH
595594	4172963	0.82879	DEL-EXH
595614	4172963	0.81231	DEL-EXH
595634	4172963	0.78855	DEL-EXH
595654	4172963	0.76494	DEL-EXH
595674	4172963	0.74563	DEL-EXH
595694	4172963	0.72544	DEL-EXH
595714	4172963	0.70495	DEL-EXH
595734	4172963	0.68522	DEL-EXH
595754	4172963	0.66573	DEL-EXH
595314	4172983	0.55347	DEL-EXH
595334	4172983	0.58546	DEL-EXH
595354	4172983	0.61717	DEL-EXH
595374	4172983	0.64839	DEL-EXH
595394	4172983	0.67875	DEL-EXH
595414	4172983	0.70645	DEL-EXH
595434	4172983	0.73154	DEL-EXH
595454	4172983	0.75255	DEL-EXH
595474	4172983	0.76823	DEL-EXH
595494	4172983	0.78054	DEL-EXH
595514	4172983	0.78654	DEL-EXH
595534	4172983	0.78836	DEL-EXH
595554	4172983	0.7855	DEL-EXH
595574	4172983	0.77709	DEL-EXH
595594	4172983	0.76635	DEL-EXH
595614	4172983	0.75372	DEL-EXH
595634	4172983	0.71972	DEL-EXH
595654	4172983	0.71758	DEL-EXH
595674	4172983	0.70098	DEL-EXH
595694	4172983	0.68408	DEL-EXH
595714	4172983	0.66708	DEL-EXH
595734	4172983	0.65008	DEL-EXH
595754	4172983	0.63317	DEL-EXH
595314	4173003	0.51274	DEL-EXH
595334	4173003	0.53924	DEL-EXH
595354	4173003	0.56729	DEL-EXH
595374	4173003	0.59529	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595394	4173003	0.62206	DEL-EXH
595414	4173003	0.64734	DEL-EXH
595434	4173003	0.67005	DEL-EXH
595454	4173003	0.68966	DEL-EXH
595474	4173003	0.70476	DEL-EXH
595494	4173003	0.71629	DEL-EXH
595514	4173003	0.72331	DEL-EXH
595534	4173003	0.72635	DEL-EXH
595554	4173003	0.72524	DEL-EXH
595574	4173003	0.71922	DEL-EXH
595594	4173003	0.71125	DEL-EXH
595614	4173003	0.6992	DEL-EXH
595634	4173003	0.68234	DEL-EXH
595654	4173003	0.67158	DEL-EXH
595674	4173003	0.65757	DEL-EXH
595694	4173003	0.64317	DEL-EXH
595714	4173003	0.62859	DEL-EXH
595734	4173003	0.61395	DEL-EXH
595294	4173023	0.45157	DEL-EXH
595314	4173023	0.47467	DEL-EXH
595334	4173023	0.49923	DEL-EXH
595354	4173023	0.5241	DEL-EXH
595374	4173023	0.54889	DEL-EXH
595394	4173023	0.57313	DEL-EXH
595414	4173023	0.59597	DEL-EXH
595434	4173023	0.61604	DEL-EXH
595454	4173023	0.63391	DEL-EXH
595474	4173023	0.64866	DEL-EXH
595494	4173023	0.66031	DEL-EXH
595514	4173023	0.66776	DEL-EXH
595534	4173023	0.67174	DEL-EXH
595554	4173023	0.67187	DEL-EXH
595574	4173023	0.6683	DEL-EXH
595594	4173023	0.66261	DEL-EXH
595614	4173023	0.63934	DEL-EXH
595634	4173023	0.64093	DEL-EXH
595654	4173023	0.62986	DEL-EXH
595674	4173023	0.61801	DEL-EXH
595694	4173023	0.6057	DEL-EXH
595714	4173023	0.59313	DEL-EXH
595294	4173043	0.42202	DEL-EXH
595314	4173043	0.44237	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595334	4173043	0.4641	DEL-EXH
595354	4173043	0.48611	DEL-EXH
595374	4173043	0.50831	DEL-EXH
595394	4173043	0.53009	DEL-EXH
595414	4173043	0.55036	DEL-EXH
595434	4173043	0.56896	DEL-EXH
595454	4173043	0.58542	DEL-EXH
595474	4173043	0.59927	DEL-EXH
595494	4173043	0.61075	DEL-EXH
595514	4173043	0.6184	DEL-EXH
595534	4173043	0.62275	DEL-EXH
595554	4173043	0.62424	DEL-EXH
595574	4173043	0.62273	DEL-EXH
595594	4173043	0.61827	DEL-EXH
595614	4173043	0.60021	DEL-EXH
595634	4173043	0.60117	DEL-EXH
595654	4173043	0.59194	DEL-EXH
595674	4173043	0.5819	DEL-EXH
595694	4173043	0.57134	DEL-EXH
595294	4173063	0.39541	DEL-EXH
595314	4173063	0.41366	DEL-EXH
595334	4173063	0.43281	DEL-EXH
595354	4173063	0.45249	DEL-EXH
595374	4173063	0.47234	DEL-EXH
595394	4173063	0.4915	DEL-EXH
595414	4173063	0.50986	DEL-EXH
595434	4173063	0.52705	DEL-EXH
595454	4173063	0.54275	DEL-EXH
595474	4173063	0.55608	DEL-EXH
595494	4173063	0.56725	DEL-EXH
595514	4173063	0.57497	DEL-EXH
595534	4173063	0.57959	DEL-EXH
595554	4173063	0.582	DEL-EXH
595574	4173063	0.5812	DEL-EXH
595594	4173063	0.5761	DEL-EXH
595614	4173063	0.56982	DEL-EXH
595634	4173063	0.56503	DEL-EXH
595654	4173063	0.55737	DEL-EXH
595354	4173083	0.42238	DEL-EXH
595374	4173083	0.43983	DEL-EXH
595394	4173083	0.45712	DEL-EXH
595414	4173083	0.47395	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595434	4173083	0.4899	DEL-EXH
595454	4173083	0.50479	DEL-EXH
595474	4173083	0.51774	DEL-EXH
595494	4173083	0.52917	DEL-EXH
595514	4173083	0.537	DEL-EXH
595534	4173083	0.54096	DEL-EXH
595554	4173083	0.54422	DEL-EXH
595574	4173083	0.54417	DEL-EXH
595594	4173083	0.54235	DEL-EXH
595614	4173083	0.52108	DEL-EXH
595334	4173103	0.37932	DEL-EXH
595354	4173103	0.39511	DEL-EXH
595374	4173103	0.41081	DEL-EXH
595394	4173103	0.4265	DEL-EXH
595414	4173103	0.44196	DEL-EXH
595434	4173103	0.45679	DEL-EXH
595454	4173103	0.47096	DEL-EXH
595474	4173103	0.48355	DEL-EXH
595494	4173103	0.49431	DEL-EXH
595514	4173103	0.5005	DEL-EXH
595534	4173103	0.50643	DEL-EXH
595334	4173123	0.35623	DEL-EXH
595354	4173123	0.3704	DEL-EXH
595374	4173123	0.38474	DEL-EXH
595394	4173123	0.39913	DEL-EXH
595414	4173123	0.41351	DEL-EXH
595434	4173123	0.42738	DEL-EXH
595454	4173123	0.44072	DEL-EXH
595474	4173123	0.45298	DEL-EXH
595494	4173123	0.46285	DEL-EXH
595514	4173123	0.46894	DEL-EXH
595354	4173143	0.34832	DEL-EXH
595374	4173143	0.36151	DEL-EXH
595394	4173143	0.37502	DEL-EXH
595414	4173143	0.38942	DEL-EXH
595434	4173143	0.40206	DEL-EXH
595494	4173143	0.43311	DEL-EXH
595354	4173163	0.32887	DEL-EXH
595374	4173163	0.34081	DEL-EXH
595394	4173163	0.35305	DEL-EXH
595414	4173163	0.36597	DEL-EXH
595434	4173163	0.37762	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595374	4173183	0.32197	DEL-EXH
595394	4173183	0.33311	DEL-EXH
595414	4173183	0.34439	DEL-EXH
595434	4173183	0.35534	DEL-EXH
595203.12	4172931.43	0.49138	DEL-EXH
595305.29	4173022.49	0.46514	DEL-EXH
596059.85	4172738.92	0.65346	DEL-EXH
595782.4	4171913.24	1.47233	DEL-EXH
595790.49	4171877.76	1.087	DEL-EXH
595826.59	4171700.37	0.40818	DEL-EXH
595857.85	4171568.4	0.25377	DEL-EXH
595427.66	4172811.08	2.09929	DEL-EXH
595616.96	4172890.78	1.08211	DEL-EXH
595465.61	4172972.42	0.79927	DEL-EXH
595413.93	4172953.11	0.81248	DEL-EXH
595207.62	4172857.58	0.66277	DEL-EXH
595229.35	4172793.73	1.01051	DEL-EXH
595251.41	4172717.21	2.12637	DEL-EXH
595276.16	4172654.64	9.04	DEL-EXH
595286.24	4171790.65	0.62746	DEL-EXH
595306.24	4171790.65	0.6235	DEL-EXH
595326.24	4171790.65	0.61903	DEL-EXH
595266.24	4171810.65	0.68828	DEL-EXH
595286.24	4171810.65	0.68635	DEL-EXH
595306.24	4171810.65	0.68606	DEL-EXH
595326.24	4171810.65	0.68247	DEL-EXH
595246.24	4171830.65	0.75015	DEL-EXH
595266.24	4171830.65	0.75171	DEL-EXH
595286.24	4171830.65	0.75295	DEL-EXH
595306.24	4171830.65	0.75446	DEL-EXH
595326.24	4171830.65	0.7538	DEL-EXH
595226.24	4171850.65	0.81125	DEL-EXH
595246.24	4171850.65	0.81878	DEL-EXH
595266.24	4171850.65	0.82379	DEL-EXH
595286.24	4171850.65	0.82779	DEL-EXH
595306.24	4171850.65	0.83107	DEL-EXH
595326.24	4171850.65	0.83335	DEL-EXH
595206.24	4171870.65	0.87384	DEL-EXH
595226.24	4171870.65	0.8838	DEL-EXH
595246.24	4171870.65	0.89288	DEL-EXH
595266.24	4171870.65	0.90061	DEL-EXH
595286.24	4171870.65	0.90844	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595306.24	4171870.65	0.9155	DEL-EXH
595186.24	4171890.65	0.93391	DEL-EXH
595206.24	4171890.65	0.94759	DEL-EXH
595226.24	4171890.65	0.9606	DEL-EXH
595246.24	4171890.65	0.97359	DEL-EXH
595266.24	4171890.65	0.98566	DEL-EXH
595286.24	4171890.65	0.99771	DEL-EXH
595306.24	4171890.65	1.00908	DEL-EXH
595186.24	4171910.65	1.00818	DEL-EXH
595206.24	4171910.65	1.02591	DEL-EXH
595226.24	4171910.65	1.04397	DEL-EXH
595246.24	4171910.65	1.06212	DEL-EXH
595266.24	4171910.65	1.07975	DEL-EXH
595286.24	4171910.65	1.09567	DEL-EXH
595306.24	4171910.65	1.11288	DEL-EXH
595166.24	4171930.65	1.06421	DEL-EXH
595186.24	4171930.65	1.08759	DEL-EXH
595206.24	4171930.65	1.11169	DEL-EXH
595226.24	4171930.65	1.13435	DEL-EXH
595246.24	4171930.65	1.15932	DEL-EXH
595266.24	4171930.65	1.18202	DEL-EXH
595286.24	4171930.65	1.20467	DEL-EXH
595166.24	4171950.65	1.14354	DEL-EXH
595186.24	4171950.65	1.1724	DEL-EXH
595206.24	4171950.65	1.20234	DEL-EXH
595226.24	4171950.65	1.23099	DEL-EXH
595246.24	4171950.65	1.26343	DEL-EXH
595266.24	4171950.65	1.29419	DEL-EXH
595286.24	4171950.65	1.32578	DEL-EXH
595146.24	4171970.65	1.18883	DEL-EXH
595166.24	4171970.65	1.22376	DEL-EXH
595186.24	4171970.65	1.26113	DEL-EXH
595206.24	4171970.65	1.29886	DEL-EXH
595226.24	4171970.65	1.33657	DEL-EXH
595246.24	4171970.65	1.37896	DEL-EXH
595266.24	4171970.65	1.41871	DEL-EXH
595146.24	4171990.65	1.26712	DEL-EXH
595166.24	4171990.65	1.30994	DEL-EXH
595186.24	4171990.65	1.35548	DEL-EXH
595206.24	4171990.65	1.40197	DEL-EXH
595852.66	4171825.33	0.81716	DEL-EXH
595852.66	4171845.33	0.92771	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595852.66	4171865.33	1.06131	DEL-EXH
595872.66	4171865.33	1.06854	DEL-EXH
595892.66	4171865.33	1.06813	DEL-EXH
595832.66	4171885.33	1.21448	DEL-EXH
595852.66	4171885.33	1.22272	DEL-EXH
595872.66	4171885.33	1.22012	DEL-EXH
595892.66	4171885.33	1.2085	DEL-EXH
595832.66	4171905.33	1.41946	DEL-EXH
595852.66	4171905.33	1.4147	DEL-EXH
595872.66	4171905.33	1.39534	DEL-EXH
595892.66	4171905.33	1.36616	DEL-EXH
595912.66	4171905.33	1.33005	DEL-EXH
595832.66	4171925.33	1.66737	DEL-EXH
595852.66	4171925.33	1.6372	DEL-EXH
595872.66	4171925.33	1.59291	DEL-EXH
595892.66	4171925.33	1.54023	DEL-EXH
595912.66	4171925.33	1.48282	DEL-EXH
595852.66	4171945.33	1.89379	DEL-EXH
595872.66	4171945.33	1.81354	DEL-EXH
595892.66	4171945.33	1.73001	DEL-EXH
595912.66	4171945.33	1.64587	DEL-EXH
595932.66	4171945.33	1.56338	DEL-EXH
595102.43	4172101.44	1.52266	DEL-EXH
595122.43	4172101.44	1.60344	DEL-EXH
595142.43	4172101.44	1.69512	DEL-EXH
595102.43	4172121.44	1.57161	DEL-EXH
595122.43	4172121.44	1.65781	DEL-EXH
595142.43	4172121.44	1.75928	DEL-EXH
595082.43	4172141.44	1.53368	DEL-EXH
595102.43	4172141.44	1.61528	DEL-EXH
595122.43	4172141.44	1.7092	DEL-EXH
595142.43	4172141.44	1.8177	DEL-EXH
595082.43	4172161.44	1.57117	DEL-EXH
595102.43	4172161.44	1.66046	DEL-EXH
595122.43	4172161.44	1.7568	DEL-EXH
595142.43	4172161.44	1.87085	DEL-EXH
595082.43	4172181.44	1.60624	DEL-EXH
595102.43	4172181.44	1.69756	DEL-EXH
595122.43	4172181.44	1.80067	DEL-EXH
595142.43	4172181.44	1.91934	DEL-EXH
595062.43	4172201.44	1.55609	DEL-EXH
595082.43	4172201.44	1.63988	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595102.43	4172201.44	1.73574	DEL-EXH
595122.43	4172201.44	1.84219	DEL-EXH
595142.43	4172201.44	1.96604	DEL-EXH
595162.43	4172201.44	2.10985	DEL-EXH
595062.43	4172221.44	1.58856	DEL-EXH
595082.43	4172221.44	1.67549	DEL-EXH
595102.43	4172221.44	1.77552	DEL-EXH
595122.43	4172221.44	1.88429	DEL-EXH
595142.43	4172221.44	2.01166	DEL-EXH
595162.43	4172221.44	2.15999	DEL-EXH
595062.43	4172241.44	1.6259	DEL-EXH
595082.43	4172241.44	1.71703	DEL-EXH
595102.43	4172241.44	1.81781	DEL-EXH
595122.43	4172241.44	1.93214	DEL-EXH
595142.43	4172241.44	2.06905	DEL-EXH
595162.43	4172241.44	2.2304	DEL-EXH
595062.43	4172261.44	1.66972	DEL-EXH
595082.43	4172261.44	1.76711	DEL-EXH
595102.43	4172261.44	1.86517	DEL-EXH
595122.43	4172261.44	1.98542	DEL-EXH
595142.43	4172261.44	2.13252	DEL-EXH
595042.43	4172281.44	1.6243	DEL-EXH
595062.43	4172281.44	1.71606	DEL-EXH
595082.43	4172281.44	1.8182	DEL-EXH
595102.43	4172281.44	1.91822	DEL-EXH
595122.43	4172281.44	2.05646	DEL-EXH
595142.43	4172281.44	2.20457	DEL-EXH
595162.43	4172281.44	2.3755	DEL-EXH
595042.43	4172301.44	1.66879	DEL-EXH
595062.43	4172301.44	1.76755	DEL-EXH
595082.43	4172301.44	1.87147	DEL-EXH
595102.43	4172301.44	1.98384	DEL-EXH
595122.43	4172301.44	2.12394	DEL-EXH
595142.43	4172301.44	2.28314	DEL-EXH
595162.43	4172301.44	2.47008	DEL-EXH
595042.43	4172321.44	1.71912	DEL-EXH
595062.43	4172321.44	1.82538	DEL-EXH
595082.43	4172321.44	1.90285	DEL-EXH
595102.43	4172321.44	2.05468	DEL-EXH
595122.43	4172321.44	2.2003	DEL-EXH
595142.43	4172321.44	2.37536	DEL-EXH
595162.43	4172321.44	2.57346	DEL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595022.43	4172341.44	1.66441	DEL-EXH
595042.43	4172341.44	1.77108	DEL-EXH
595062.43	4172341.44	1.88538	DEL-EXH
595082.43	4172341.44	2.00683	DEL-EXH
595102.43	4172341.44	2.13947	DEL-EXH
595122.43	4172341.44	2.28902	DEL-EXH
595142.43	4172341.44	2.47706	DEL-EXH
595162.43	4172341.44	2.69114	DEL-EXH
595509.2	4172311.1	5.23946	DEL-EXH
595453.66	4172369.33	6.19072	DEL-EXH
595568.33	4173021.18	0.67396	DEL-EXH
595515	4172097	7.38914	DEL-EXH
595271.59	4172931.11	0.60248	DEL-EXH
595259.54	4172956.67	0.52315	DEL-EXH
595229.53	4172979.48	0.44069	DEL-EXH
595158.78	4172948.61	0.4071	DEL-EXH
595424.36	4172061.47	3.39722	DEL-EXH
595637.78	4172033.56	6.89952	DEL-EXH
595497.98	4172569.45	13.4208	DEL-EXH
595440.32	4172695.89	18.06671	DEL-EXH
595531.7	4172736.24	3.68163	DEL-EXH
595503.43	4172797.49	2.39328	DEL-EXH
595293.61	4172706.67	3.67741	DEL-EXH
595216.89	4172907.31	0.5567	DEL-EXH
595554	4171743	0.18856	CSCO-IDL
595574	4171743	0.18996	CSCO-IDL
595594	4171743	0.18958	CSCO-IDL
595614	4171743	0.19028	CSCO-IDL
595634	4171743	0.1902	CSCO-IDL
595654	4171743	0.1908	CSCO-IDL
595674	4171743	0.19134	CSCO-IDL
595694	4171743	0.19239	CSCO-IDL
595714	4171743	0.19208	CSCO-IDL
595534	4171763	0.19892	CSCO-IDL
595554	4171763	0.1976	CSCO-IDL
595574	4171763	0.1989	CSCO-IDL
595594	4171763	0.19877	CSCO-IDL
595614	4171763	0.19952	CSCO-IDL
595634	4171763	0.20012	CSCO-IDL
595654	4171763	0.20018	CSCO-IDL
595674	4171763	0.20082	CSCO-IDL
595694	4171763	0.201	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4171763	0.20184	CSCO-IDL
595734	4171763	0.20407	CSCO-IDL
595754	4171763	0.20493	CSCO-IDL
595774	4171763	0.20621	CSCO-IDL
595314	4171783	0.21696	CSCO-IDL
595334	4171783	0.21629	CSCO-IDL
595534	4171783	0.20775	CSCO-IDL
595554	4171783	0.20756	CSCO-IDL
595574	4171783	0.20779	CSCO-IDL
595594	4171783	0.20764	CSCO-IDL
595614	4171783	0.208	CSCO-IDL
595634	4171783	0.21005	CSCO-IDL
595654	4171783	0.21043	CSCO-IDL
595674	4171783	0.21122	CSCO-IDL
595694	4171783	0.21087	CSCO-IDL
595714	4171783	0.21325	CSCO-IDL
595734	4171783	0.21446	CSCO-IDL
595754	4171783	0.21544	CSCO-IDL
595774	4171783	0.2173	CSCO-IDL
595794	4171783	0.21947	CSCO-IDL
595274	4171803	0.23131	CSCO-IDL
595294	4171803	0.22953	CSCO-IDL
595314	4171803	0.22837	CSCO-IDL
595334	4171803	0.22734	CSCO-IDL
595534	4171803	0.21811	CSCO-IDL
595554	4171803	0.21783	CSCO-IDL
595574	4171803	0.21952	CSCO-IDL
595594	4171803	0.21978	CSCO-IDL
595614	4171803	0.22028	CSCO-IDL
595634	4171803	0.22089	CSCO-IDL
595654	4171803	0.22058	CSCO-IDL
595674	4171803	0.22113	CSCO-IDL
595694	4171803	0.22195	CSCO-IDL
595714	4171803	0.22461	CSCO-IDL
595734	4171803	0.22577	CSCO-IDL
595754	4171803	0.22684	CSCO-IDL
595774	4171803	0.2294	CSCO-IDL
595794	4171803	0.23202	CSCO-IDL
595814	4171803	0.23532	CSCO-IDL
595254	4171823	0.24669	CSCO-IDL
595274	4171823	0.24385	CSCO-IDL
595294	4171823	0.24187	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4171823	0.2407	CSCO-IDL
595334	4171823	0.23962	CSCO-IDL
595514	4171823	0.23125	CSCO-IDL
595534	4171823	0.22944	CSCO-IDL
595554	4171823	0.22948	CSCO-IDL
595574	4171823	0.23021	CSCO-IDL
595594	4171823	0.23061	CSCO-IDL
595614	4171823	0.23179	CSCO-IDL
595634	4171823	0.23247	CSCO-IDL
595654	4171823	0.23337	CSCO-IDL
595674	4171823	0.23433	CSCO-IDL
595694	4171823	0.23408	CSCO-IDL
595714	4171823	0.23702	CSCO-IDL
595734	4171823	0.23835	CSCO-IDL
595754	4171823	0.24014	CSCO-IDL
595774	4171823	0.24273	CSCO-IDL
595794	4171823	0.24588	CSCO-IDL
595814	4171823	0.24987	CSCO-IDL
595834	4171823	0.25487	CSCO-IDL
595854	4171823	0.26056	CSCO-IDL
595234	4171843	0.26606	CSCO-IDL
595254	4171843	0.26167	CSCO-IDL
595274	4171843	0.25845	CSCO-IDL
595294	4171843	0.25601	CSCO-IDL
595314	4171843	0.25412	CSCO-IDL
595334	4171843	0.25301	CSCO-IDL
595514	4171843	0.24312	CSCO-IDL
595534	4171843	0.24174	CSCO-IDL
595554	4171843	0.24148	CSCO-IDL
595574	4171843	0.2437	CSCO-IDL
595594	4171843	0.24317	CSCO-IDL
595614	4171843	0.24453	CSCO-IDL
595634	4171843	0.24528	CSCO-IDL
595654	4171843	0.2463	CSCO-IDL
595674	4171843	0.2462	CSCO-IDL
595694	4171843	0.24779	CSCO-IDL
595714	4171843	0.25071	CSCO-IDL
595734	4171843	0.25205	CSCO-IDL
595754	4171843	0.25456	CSCO-IDL
595774	4171843	0.25749	CSCO-IDL
595794	4171843	0.26137	CSCO-IDL
595814	4171843	0.26613	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595854	4171843	0.27853	CSCO-IDL
595874	4171843	0.28615	CSCO-IDL
595214	4171863	0.28878	CSCO-IDL
595234	4171863	0.28288	CSCO-IDL
595254	4171863	0.27814	CSCO-IDL
595274	4171863	0.27405	CSCO-IDL
595294	4171863	0.27135	CSCO-IDL
595314	4171863	0.26898	CSCO-IDL
595334	4171863	0.2676	CSCO-IDL
595514	4171863	0.25602	CSCO-IDL
595534	4171863	0.25514	CSCO-IDL
595554	4171863	0.25486	CSCO-IDL
595574	4171863	0.25487	CSCO-IDL
595594	4171863	0.25522	CSCO-IDL
595614	4171863	0.25584	CSCO-IDL
595634	4171863	0.25798	CSCO-IDL
595654	4171863	0.26042	CSCO-IDL
595674	4171863	0.25983	CSCO-IDL
595694	4171863	0.26325	CSCO-IDL
595714	4171863	0.26501	CSCO-IDL
595734	4171863	0.2671	CSCO-IDL
595754	4171863	0.27033	CSCO-IDL
595774	4171863	0.27434	CSCO-IDL
595794	4171863	0.27941	CSCO-IDL
595814	4171863	0.28503	CSCO-IDL
595834	4171863	0.29126	CSCO-IDL
595854	4171863	0.29861	CSCO-IDL
595874	4171863	0.3069	CSCO-IDL
595894	4171863	0.31578	CSCO-IDL
595194	4171883	0.31768	CSCO-IDL
595214	4171883	0.30954	CSCO-IDL
595234	4171883	0.30229	CSCO-IDL
595254	4171883	0.2961	CSCO-IDL
595274	4171883	0.29123	CSCO-IDL
595294	4171883	0.28782	CSCO-IDL
595314	4171883	0.2851	CSCO-IDL
595514	4171883	0.271	CSCO-IDL
595534	4171883	0.27033	CSCO-IDL
595554	4171883	0.26967	CSCO-IDL
595574	4171883	0.26934	CSCO-IDL
595594	4171883	0.26985	CSCO-IDL
595614	4171883	0.27059	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4171883	0.27176	CSCO-IDL
595654	4171883	0.27424	CSCO-IDL
595674	4171883	0.27524	CSCO-IDL
595694	4171883	0.27899	CSCO-IDL
595714	4171883	0.28166	CSCO-IDL
595734	4171883	0.28422	CSCO-IDL
595754	4171883	0.28779	CSCO-IDL
595774	4171883	0.29263	CSCO-IDL
595794	4171883	0.29802	CSCO-IDL
595814	4171883	0.30554	CSCO-IDL
595834	4171883	0.31292	CSCO-IDL
595854	4171883	0.32147	CSCO-IDL
595874	4171883	0.33094	CSCO-IDL
595894	4171883	0.34084	CSCO-IDL
595174	4171903	0.352	CSCO-IDL
595194	4171903	0.34152	CSCO-IDL
595214	4171903	0.33159	CSCO-IDL
595234	4171903	0.32341	CSCO-IDL
595254	4171903	0.31643	CSCO-IDL
595274	4171903	0.31063	CSCO-IDL
595294	4171903	0.30625	CSCO-IDL
595314	4171903	0.30329	CSCO-IDL
595514	4171903	0.28657	CSCO-IDL
595534	4171903	0.28556	CSCO-IDL
595554	4171903	0.28542	CSCO-IDL
595574	4171903	0.28601	CSCO-IDL
595594	4171903	0.28653	CSCO-IDL
595614	4171903	0.28746	CSCO-IDL
595634	4171903	0.28818	CSCO-IDL
595654	4171903	0.29036	CSCO-IDL
595674	4171903	0.29244	CSCO-IDL
595694	4171903	0.29532	CSCO-IDL
595714	4171903	0.29988	CSCO-IDL
595734	4171903	0.30298	CSCO-IDL
595754	4171903	0.30822	CSCO-IDL
595774	4171903	0.31412	CSCO-IDL
595794	4171903	0.32097	CSCO-IDL
595814	4171903	0.32876	CSCO-IDL
595834	4171903	0.33721	CSCO-IDL
595854	4171903	0.34765	CSCO-IDL
595874	4171903	0.35833	CSCO-IDL
595894	4171903	0.36873	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595914	4171903	0.37903	CSCO-IDL
595174	4171923	0.37972	CSCO-IDL
595194	4171923	0.36783	CSCO-IDL
595214	4171923	0.35717	CSCO-IDL
595234	4171923	0.34731	CSCO-IDL
595254	4171923	0.33907	CSCO-IDL
595274	4171923	0.33254	CSCO-IDL
595294	4171923	0.32674	CSCO-IDL
595534	4171923	0.30324	CSCO-IDL
595554	4171923	0.30292	CSCO-IDL
595574	4171923	0.30327	CSCO-IDL
595594	4171923	0.30415	CSCO-IDL
595614	4171923	0.30551	CSCO-IDL
595634	4171923	0.30705	CSCO-IDL
595654	4171923	0.30879	CSCO-IDL
595674	4171923	0.31138	CSCO-IDL
595694	4171923	0.31422	CSCO-IDL
595714	4171923	0.31935	CSCO-IDL
595734	4171923	0.32477	CSCO-IDL
595754	4171923	0.33048	CSCO-IDL
595774	4171923	0.33742	CSCO-IDL
595794	4171923	0.34559	CSCO-IDL
595814	4171923	0.35496	CSCO-IDL
595834	4171923	0.36425	CSCO-IDL
595854	4171923	0.37608	CSCO-IDL
595874	4171923	0.38775	CSCO-IDL
595894	4171923	0.40004	CSCO-IDL
595914	4171923	0.4116	CSCO-IDL
595154	4171943	0.42566	CSCO-IDL
595174	4171943	0.41137	CSCO-IDL
595194	4171943	0.39808	CSCO-IDL
595214	4171943	0.38523	CSCO-IDL
595234	4171943	0.37395	CSCO-IDL
595254	4171943	0.36468	CSCO-IDL
595274	4171943	0.3565	CSCO-IDL
595294	4171943	0.35009	CSCO-IDL
595534	4171943	0.32295	CSCO-IDL
595554	4171943	0.32229	CSCO-IDL
595574	4171943	0.32271	CSCO-IDL
595594	4171943	0.32361	CSCO-IDL
595614	4171943	0.32509	CSCO-IDL
595634	4171943	0.327	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4171943	0.32924	CSCO-IDL
595674	4171943	0.33229	CSCO-IDL
595694	4171943	0.3359	CSCO-IDL
595714	4171943	0.34054	CSCO-IDL
595734	4171943	0.34564	CSCO-IDL
595754	4171943	0.35354	CSCO-IDL
595774	4171943	0.36341	CSCO-IDL
595794	4171943	0.37328	CSCO-IDL
595814	4171943	0.38452	CSCO-IDL
595834	4171943	0.39669	CSCO-IDL
595854	4171943	0.40837	CSCO-IDL
595874	4171943	0.42094	CSCO-IDL
595894	4171943	0.43337	CSCO-IDL
595914	4171943	0.44554	CSCO-IDL
595934	4171943	0.45675	CSCO-IDL
595154	4171963	0.46265	CSCO-IDL
595174	4171963	0.44701	CSCO-IDL
595194	4171963	0.4317	CSCO-IDL
595214	4171963	0.41752	CSCO-IDL
595234	4171963	0.40402	CSCO-IDL
595254	4171963	0.39379	CSCO-IDL
595274	4171963	0.38416	CSCO-IDL
595554	4171963	0.34397	CSCO-IDL
595574	4171963	0.34426	CSCO-IDL
595594	4171963	0.34542	CSCO-IDL
595614	4171963	0.34706	CSCO-IDL
595634	4171963	0.34942	CSCO-IDL
595654	4171963	0.35192	CSCO-IDL
595674	4171963	0.35533	CSCO-IDL
595694	4171963	0.36008	CSCO-IDL
595714	4171963	0.36514	CSCO-IDL
595734	4171963	0.37175	CSCO-IDL
595754	4171963	0.38053	CSCO-IDL
595774	4171963	0.39061	CSCO-IDL
595794	4171963	0.4025	CSCO-IDL
595814	4171963	0.41546	CSCO-IDL
595834	4171963	0.42987	CSCO-IDL
595854	4171963	0.44507	CSCO-IDL
595874	4171963	0.45978	CSCO-IDL
595894	4171963	0.47376	CSCO-IDL
595914	4171963	0.48647	CSCO-IDL
595934	4171963	0.49593	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595154	4171983	0.50493	CSCO-IDL
595174	4171983	0.48713	CSCO-IDL
595194	4171983	0.47037	CSCO-IDL
595214	4171983	0.4543	CSCO-IDL
595234	4171983	0.43958	CSCO-IDL
595254	4171983	0.42506	CSCO-IDL
595574	4171983	0.36833	CSCO-IDL
595754	4172023	0.49061	CSCO-IDL
595774	4172023	0.50731	CSCO-IDL
595794	4172023	0.5271	CSCO-IDL
595814	4172023	0.54616	CSCO-IDL
595834	4172023	0.56358	CSCO-IDL
595714	4172043	0.50577	CSCO-IDL
595734	4172043	0.52335	CSCO-IDL
595754	4172043	0.54368	CSCO-IDL
595774	4172043	0.56317	CSCO-IDL
595794	4172043	0.58398	CSCO-IDL
595814	4172043	0.60536	CSCO-IDL
595834	4172043	0.62651	CSCO-IDL
595854	4172043	0.64562	CSCO-IDL
595874	4172043	0.66207	CSCO-IDL
595894	4172043	0.6756	CSCO-IDL
595914	4172043	0.68672	CSCO-IDL
595934	4172043	0.6922	CSCO-IDL
595714	4172063	0.55515	CSCO-IDL
595734	4172063	0.58019	CSCO-IDL
595754	4172063	0.60105	CSCO-IDL
595774	4172063	0.62379	CSCO-IDL
595794	4172063	0.64739	CSCO-IDL
595814	4172063	0.67058	CSCO-IDL
595834	4172063	0.69268	CSCO-IDL
595854	4172063	0.71202	CSCO-IDL
595874	4172063	0.72832	CSCO-IDL
595894	4172063	0.74132	CSCO-IDL
595914	4172063	0.75143	CSCO-IDL
595934	4172063	0.75837	CSCO-IDL
595714	4172083	0.61354	CSCO-IDL
595734	4172083	0.644	CSCO-IDL
595754	4172083	0.66856	CSCO-IDL
595774	4172083	0.69472	CSCO-IDL
595794	4172083	0.72088	CSCO-IDL
595814	4172083	0.74569	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172083	0.76803	CSCO-IDL
595854	4172083	0.78715	CSCO-IDL
595874	4172083	0.8022	CSCO-IDL
595894	4172083	0.81394	CSCO-IDL
595914	4172083	0.82187	CSCO-IDL
595934	4172083	0.82678	CSCO-IDL
595114	4172103	0.96675	CSCO-IDL
595134	4172103	0.94609	CSCO-IDL
595714	4172103	0.68318	CSCO-IDL
595734	4172103	0.71889	CSCO-IDL
595754	4172103	0.74759	CSCO-IDL
595774	4172103	0.77716	CSCO-IDL
595794	4172103	0.80529	CSCO-IDL
595814	4172103	0.83135	CSCO-IDL
595834	4172103	0.85335	CSCO-IDL
595854	4172103	0.87117	CSCO-IDL
595874	4172103	0.88477	CSCO-IDL
595894	4172103	0.89433	CSCO-IDL
595914	4172103	0.89974	CSCO-IDL
595934	4172103	0.90162	CSCO-IDL
595094	4172123	1.08299	CSCO-IDL
595114	4172123	1.06945	CSCO-IDL
595134	4172123	1.05106	CSCO-IDL
595694	4172123	0.7342	CSCO-IDL
595714	4172123	0.76883	CSCO-IDL
595734	4172123	0.80776	CSCO-IDL
595754	4172123	0.84093	CSCO-IDL
595774	4172123	0.87374	CSCO-IDL
595794	4172123	0.90387	CSCO-IDL
595814	4172123	0.92983	CSCO-IDL
595834	4172123	0.9502	CSCO-IDL
595854	4172123	0.96574	CSCO-IDL
595874	4172123	0.97713	CSCO-IDL
595894	4172123	0.9832	CSCO-IDL
595914	4172123	0.98534	CSCO-IDL
595934	4172123	0.98364	CSCO-IDL
595094	4172143	1.19265	CSCO-IDL
595114	4172143	1.18384	CSCO-IDL
595134	4172143	1.16922	CSCO-IDL
595694	4172143	0.82908	CSCO-IDL
595714	4172143	0.87545	CSCO-IDL
595734	4172143	0.91344	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172143	0.95045	CSCO-IDL
595774	4172143	0.986	CSCO-IDL
595794	4172143	1.01677	CSCO-IDL
595814	4172143	1.04141	CSCO-IDL
595834	4172143	1.05989	CSCO-IDL
595854	4172143	1.07246	CSCO-IDL
595874	4172143	1.07991	CSCO-IDL
595894	4172143	1.08167	CSCO-IDL
595914	4172143	1.07963	CSCO-IDL
595934	4172143	1.07356	CSCO-IDL
595094	4172163	1.31278	CSCO-IDL
595114	4172163	1.31086	CSCO-IDL
595134	4172163	1.30168	CSCO-IDL
595154	4172163	1.28684	CSCO-IDL
595614	4172163	0.81222	CSCO-IDL
595634	4172163	0.8349	CSCO-IDL
595654	4172163	0.86449	CSCO-IDL
595674	4172163	0.91035	CSCO-IDL
595694	4172163	0.95336	CSCO-IDL
595714	4172163	0.99657	CSCO-IDL
595734	4172163	1.03951	CSCO-IDL
595754	4172163	1.07973	CSCO-IDL
595774	4172163	1.1164	CSCO-IDL
595794	4172163	1.14636	CSCO-IDL
595814	4172163	1.16858	CSCO-IDL
595834	4172163	1.18372	CSCO-IDL
595854	4172163	1.19224	CSCO-IDL
595874	4172163	1.19415	CSCO-IDL
595894	4172163	1.19063	CSCO-IDL
595914	4172163	1.18328	CSCO-IDL
595074	4172183	1.42846	CSCO-IDL
595094	4172183	1.44199	CSCO-IDL
595114	4172183	1.44899	CSCO-IDL
595134	4172183	1.44834	CSCO-IDL
595154	4172183	1.43887	CSCO-IDL
595614	4172183	0.92051	CSCO-IDL
595634	4172183	0.94548	CSCO-IDL
595654	4172183	0.99807	CSCO-IDL
595674	4172183	1.04278	CSCO-IDL
595694	4172183	1.09246	CSCO-IDL
595714	4172183	1.14255	CSCO-IDL
595734	4172183	1.18964	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172183	1.23246	CSCO-IDL
595774	4172183	1.26861	CSCO-IDL
595794	4172183	1.29602	CSCO-IDL
595814	4172183	1.31361	CSCO-IDL
595834	4172183	1.32354	CSCO-IDL
595854	4172183	1.32563	CSCO-IDL
595874	4172183	1.32033	CSCO-IDL
595894	4172183	1.31043	CSCO-IDL
595914	4172183	1.2963	CSCO-IDL
595074	4172203	1.55648	CSCO-IDL
595094	4172203	1.58112	CSCO-IDL
595114	4172203	1.59871	CSCO-IDL
595134	4172203	1.60884	CSCO-IDL
595154	4172203	1.60939	CSCO-IDL
595594	4172203	1.00663	CSCO-IDL
595614	4172203	1.05293	CSCO-IDL
595634	4172203	1.08664	CSCO-IDL
595654	4172203	1.14594	CSCO-IDL
595674	4172203	1.2024	CSCO-IDL
595694	4172203	1.26215	CSCO-IDL
595714	4172203	1.31867	CSCO-IDL
595734	4172203	1.36931	CSCO-IDL
595754	4172203	1.41306	CSCO-IDL
595774	4172203	1.44613	CSCO-IDL
595794	4172203	1.46773	CSCO-IDL
595814	4172203	1.47889	CSCO-IDL
595834	4172203	1.48072	CSCO-IDL
595854	4172203	1.4743	CSCO-IDL
595874	4172203	1.46031	CSCO-IDL
595894	4172203	1.44168	CSCO-IDL
595914	4172203	1.41883	CSCO-IDL
595074	4172223	1.68974	CSCO-IDL
595094	4172223	1.72951	CSCO-IDL
595114	4172223	1.75953	CSCO-IDL
595134	4172223	1.78364	CSCO-IDL
595154	4172223	1.79683	CSCO-IDL
595594	4172223	1.14517	CSCO-IDL
595614	4172223	1.18815	CSCO-IDL
595634	4172223	1.26861	CSCO-IDL
595654	4172223	1.33162	CSCO-IDL
595674	4172223	1.4015	CSCO-IDL
595694	4172223	1.47104	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172223	1.53284	CSCO-IDL
595734	4172223	1.58357	CSCO-IDL
595754	4172223	1.62485	CSCO-IDL
595774	4172223	1.65156	CSCO-IDL
595794	4172223	1.66444	CSCO-IDL
595814	4172223	1.6652	CSCO-IDL
595834	4172223	1.65621	CSCO-IDL
595854	4172223	1.63861	CSCO-IDL
595874	4172223	1.61397	CSCO-IDL
595894	4172223	1.58435	CSCO-IDL
595054	4172243	1.7684	CSCO-IDL
595074	4172243	1.82741	CSCO-IDL
595094	4172243	1.88356	CSCO-IDL
595114	4172243	1.93031	CSCO-IDL
595134	4172243	1.97197	CSCO-IDL
595154	4172243	2.00588	CSCO-IDL
595594	4172243	1.32835	CSCO-IDL
595614	4172243	1.37237	CSCO-IDL
595634	4172243	1.48675	CSCO-IDL
595654	4172243	1.56733	CSCO-IDL
595674	4172243	1.65122	CSCO-IDL
595694	4172243	1.72933	CSCO-IDL
595714	4172243	1.79242	CSCO-IDL
595734	4172243	1.83945	CSCO-IDL
595754	4172243	1.87353	CSCO-IDL
595774	4172243	1.88905	CSCO-IDL
595794	4172243	1.8887	CSCO-IDL
595814	4172243	1.8754	CSCO-IDL
595834	4172243	1.85171	CSCO-IDL
595854	4172243	1.8194	CSCO-IDL
595874	4172243	1.78071	CSCO-IDL
595894	4172243	1.73737	CSCO-IDL
595054	4172263	1.88713	CSCO-IDL
595074	4172263	1.96586	CSCO-IDL
595094	4172263	2.04084	CSCO-IDL
595114	4172263	2.1066	CSCO-IDL
595134	4172263	2.17486	CSCO-IDL
595154	4172263	2.22952	CSCO-IDL
595594	4172263	1.56599	CSCO-IDL
595614	4172263	1.63118	CSCO-IDL
595634	4172263	1.76758	CSCO-IDL
595654	4172263	1.86849	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172263	1.96556	CSCO-IDL
595694	4172263	2.04667	CSCO-IDL
595714	4172263	2.10703	CSCO-IDL
595734	4172263	2.14518	CSCO-IDL
595754	4172263	2.16323	CSCO-IDL
595774	4172263	2.16178	CSCO-IDL
595794	4172263	2.14256	CSCO-IDL
595814	4172263	2.10996	CSCO-IDL
595834	4172263	2.06703	CSCO-IDL
595854	4172263	2.01618	CSCO-IDL
595874	4172263	1.95979	CSCO-IDL
595894	4172263	1.89934	CSCO-IDL
595054	4172283	1.99538	CSCO-IDL
595074	4172283	2.09609	CSCO-IDL
595094	4172283	2.19145	CSCO-IDL
595114	4172283	2.28656	CSCO-IDL
595134	4172283	2.38123	CSCO-IDL
595154	4172283	2.46363	CSCO-IDL
595174	4172283	2.53858	CSCO-IDL
595574	4172283	1.75114	CSCO-IDL
595594	4172283	1.85999	CSCO-IDL
595614	4172283	2.00049	CSCO-IDL
595634	4172283	2.13409	CSCO-IDL
595654	4172283	2.25617	CSCO-IDL
595674	4172283	2.36107	CSCO-IDL
595694	4172283	2.43919	CSCO-IDL
595714	4172283	2.48645	CSCO-IDL
595734	4172283	2.5055	CSCO-IDL
595754	4172283	2.49971	CSCO-IDL
595774	4172283	2.4726	CSCO-IDL
595794	4172283	2.42724	CSCO-IDL
595814	4172283	2.36896	CSCO-IDL
595834	4172283	2.30114	CSCO-IDL
595854	4172283	2.2271	CSCO-IDL
595874	4172283	2.14883	CSCO-IDL
595894	4172283	2.06787	CSCO-IDL
595034	4172303	1.96849	CSCO-IDL
595054	4172303	2.08842	CSCO-IDL
595074	4172303	2.21184	CSCO-IDL
595094	4172303	2.33025	CSCO-IDL
595114	4172303	2.46152	CSCO-IDL
595134	4172303	2.58456	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595154	4172303	2.70425	CSCO-IDL
595174	4172303	2.81757	CSCO-IDL
595574	4172303	2.09858	CSCO-IDL
595594	4172303	2.22707	CSCO-IDL
595614	4172303	2.46103	CSCO-IDL
595634	4172303	2.61956	CSCO-IDL
595654	4172303	2.75659	CSCO-IDL
595674	4172303	2.85954	CSCO-IDL
595694	4172303	2.92115	CSCO-IDL
595714	4172303	2.94057	CSCO-IDL
595734	4172303	2.9284	CSCO-IDL
595754	4172303	2.8871	CSCO-IDL
595774	4172303	2.82309	CSCO-IDL
595794	4172303	2.74245	CSCO-IDL
595814	4172303	2.6504	CSCO-IDL
595834	4172303	2.55127	CSCO-IDL
595854	4172303	2.44897	CSCO-IDL
595874	4172303	2.34445	CSCO-IDL
595034	4172323	2.02028	CSCO-IDL
595054	4172323	2.15987	CSCO-IDL
595074	4172323	2.30423	CSCO-IDL
595094	4172323	2.45124	CSCO-IDL
595114	4172323	2.61112	CSCO-IDL
595134	4172323	2.77558	CSCO-IDL
595154	4172323	2.93857	CSCO-IDL
595174	4172323	3.0995	CSCO-IDL
595574	4172323	2.58711	CSCO-IDL
595594	4172323	2.74351	CSCO-IDL
595614	4172323	3.07534	CSCO-IDL
595634	4172323	3.26452	CSCO-IDL
595654	4172323	3.40658	CSCO-IDL
595674	4172323	3.48498	CSCO-IDL
595694	4172323	3.50622	CSCO-IDL
595714	4172323	3.48128	CSCO-IDL
595734	4172323	3.41842	CSCO-IDL
595754	4172323	3.32535	CSCO-IDL
595774	4172323	3.21171	CSCO-IDL
595794	4172323	3.08471	CSCO-IDL
595814	4172323	2.95039	CSCO-IDL
595834	4172323	2.81315	CSCO-IDL
595854	4172323	2.67717	CSCO-IDL
595874	4172323	2.54276	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595034	4172343	2.04769	CSCO-IDL
595054	4172343	2.20376	CSCO-IDL
595074	4172343	2.37184	CSCO-IDL
595094	4172343	2.5506	CSCO-IDL
595114	4172343	2.73793	CSCO-IDL
595134	4172343	2.93906	CSCO-IDL
595154	4172343	3.15107	CSCO-IDL
595574	4172343	3.30041	CSCO-IDL
595594	4172343	3.54155	CSCO-IDL
595614	4172343	3.92228	CSCO-IDL
595634	4172343	4.12067	CSCO-IDL
595654	4172343	4.23479	CSCO-IDL
595674	4172343	4.26292	CSCO-IDL
595694	4172343	4.21724	CSCO-IDL
595714	4172343	4.11539	CSCO-IDL
595734	4172343	3.97563	CSCO-IDL
595754	4172343	3.81151	CSCO-IDL
595774	4172343	3.63293	CSCO-IDL
595794	4172343	3.44775	CSCO-IDL
595814	4172343	3.2622	CSCO-IDL
595834	4172343	3.08132	CSCO-IDL
595854	4172343	2.90628	CSCO-IDL
595874	4172343	2.73742	CSCO-IDL
595554	4172363	3.89807	CSCO-IDL
595574	4172363	4.29874	CSCO-IDL
595594	4172363	4.73004	CSCO-IDL
595614	4172363	5.08999	CSCO-IDL
595634	4172363	5.26387	CSCO-IDL
595654	4172363	5.29692	CSCO-IDL
595674	4172363	5.21239	CSCO-IDL
595694	4172363	5.04903	CSCO-IDL
595714	4172363	4.83476	CSCO-IDL
595734	4172363	4.5915	CSCO-IDL
595754	4172363	4.33499	CSCO-IDL
595774	4172363	4.07558	CSCO-IDL
595794	4172363	3.82093	CSCO-IDL
595814	4172363	3.57556	CSCO-IDL
595834	4172363	3.34618	CSCO-IDL
595854	4172363	3.12765	CSCO-IDL
595874	4172363	2.92319	CSCO-IDL
595554	4172383	5.15818	CSCO-IDL
595574	4172383	5.71649	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172383	6.41121	CSCO-IDL
595614	4172383	6.69426	CSCO-IDL
595634	4172383	6.74431	CSCO-IDL
595654	4172383	6.61115	CSCO-IDL
595674	4172383	6.35061	CSCO-IDL
595694	4172383	6.01592	CSCO-IDL
595714	4172383	5.6396	CSCO-IDL
595734	4172383	5.2552	CSCO-IDL
595754	4172383	4.88086	CSCO-IDL
595774	4172383	4.52369	CSCO-IDL
595794	4172383	4.18869	CSCO-IDL
595814	4172383	3.8776	CSCO-IDL
595834	4172383	3.59101	CSCO-IDL
595854	4172383	3.33046	CSCO-IDL
595554	4172403	7.41089	CSCO-IDL
595574	4172403	8.04913	CSCO-IDL
595594	4172403	8.88247	CSCO-IDL
595614	4172403	8.94055	CSCO-IDL
595634	4172403	8.68806	CSCO-IDL
595654	4172403	8.23708	CSCO-IDL
595674	4172403	7.68338	CSCO-IDL
595694	4172403	7.09868	CSCO-IDL
595714	4172403	6.51601	CSCO-IDL
595734	4172403	5.96109	CSCO-IDL
595754	4172403	5.44309	CSCO-IDL
595774	4172403	4.96813	CSCO-IDL
595794	4172403	4.53535	CSCO-IDL
595814	4172403	4.15489	CSCO-IDL
595834	4172403	3.81336	CSCO-IDL
595854	4172403	3.50713	CSCO-IDL
595074	4172423	2.28638	CSCO-IDL
595094	4172423	2.51702	CSCO-IDL
595554	4172423	11.63871	CSCO-IDL
595574	4172423	12.11183	CSCO-IDL
595594	4172423	12.5032	CSCO-IDL
595614	4172423	11.97378	CSCO-IDL
595634	4172423	11.11926	CSCO-IDL
595654	4172423	10.14035	CSCO-IDL
595674	4172423	9.15954	CSCO-IDL
595694	4172423	8.23069	CSCO-IDL
595714	4172423	7.38476	CSCO-IDL
595734	4172423	6.62656	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172423	5.95169	CSCO-IDL
595774	4172423	5.36473	CSCO-IDL
595794	4172423	4.84711	CSCO-IDL
595814	4172423	4.40826	CSCO-IDL
595834	4172423	4.01671	CSCO-IDL
595854	4172423	3.66299	CSCO-IDL
595074	4172443	2.17332	CSCO-IDL
595094	4172443	2.39866	CSCO-IDL
595114	4172443	2.65807	CSCO-IDL
595134	4172443	2.96103	CSCO-IDL
595534	4172443	16.24947	CSCO-IDL
595554	4172443	18.4523	CSCO-IDL
595574	4172443	18.77213	CSCO-IDL
595594	4172443	17.6199	CSCO-IDL
595614	4172443	15.81969	CSCO-IDL
595634	4172443	13.93672	CSCO-IDL
595654	4172443	12.1865	CSCO-IDL
595674	4172443	10.64811	CSCO-IDL
595694	4172443	9.31751	CSCO-IDL
595714	4172443	8.17371	CSCO-IDL
595734	4172443	7.19939	CSCO-IDL
595754	4172443	6.38159	CSCO-IDL
595774	4172443	5.68374	CSCO-IDL
595794	4172443	5.08602	CSCO-IDL
595814	4172443	4.58954	CSCO-IDL
595834	4172443	4.1557	CSCO-IDL
595854	4172443	3.77534	CSCO-IDL
595054	4172463	1.84434	CSCO-IDL
595074	4172463	2.02688	CSCO-IDL
595094	4172463	2.23749	CSCO-IDL
595114	4172463	2.48259	CSCO-IDL
595534	4172463	31.21734	CSCO-IDL
595554	4172463	31.2965	CSCO-IDL
595574	4172463	28.48272	CSCO-IDL
595594	4172463	24.20554	CSCO-IDL
595614	4172463	20.16858	CSCO-IDL
595634	4172463	16.81529	CSCO-IDL
595654	4172463	14.10531	CSCO-IDL
595674	4172463	11.94685	CSCO-IDL
595694	4172463	10.20706	CSCO-IDL
595714	4172463	8.79838	CSCO-IDL
595734	4172463	7.64406	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172463	6.69555	CSCO-IDL
595774	4172463	5.90643	CSCO-IDL
595794	4172463	5.24045	CSCO-IDL
595814	4172463	4.70144	CSCO-IDL
595834	4172463	4.23196	CSCO-IDL
595054	4172483	1.66994	CSCO-IDL
595074	4172483	1.84752	CSCO-IDL
595094	4172483	2.03904	CSCO-IDL
595114	4172483	2.26115	CSCO-IDL
595534	4172483	68.30192	CSCO-IDL
595554	4172483	53.37796	CSCO-IDL
595574	4172483	41.03405	CSCO-IDL
595594	4172483	31.18542	CSCO-IDL
595614	4172483	24.31917	CSCO-IDL
595634	4172483	19.27416	CSCO-IDL
595654	4172483	15.57514	CSCO-IDL
595674	4172483	12.85149	CSCO-IDL
595694	4172483	10.78093	CSCO-IDL
595714	4172483	9.16703	CSCO-IDL
595734	4172483	7.88564	CSCO-IDL
595754	4172483	6.84965	CSCO-IDL
595774	4172483	6.0023	CSCO-IDL
595794	4172483	5.3033	CSCO-IDL
595814	4172483	4.73126	CSCO-IDL
595834	4172483	4.24471	CSCO-IDL
595034	4172503	1.37834	CSCO-IDL
595054	4172503	1.4994	CSCO-IDL
595074	4172503	1.64378	CSCO-IDL
595094	4172503	1.81083	CSCO-IDL
595114	4172503	2.00728	CSCO-IDL
595534	4172503	123.98962	CSCO-IDL
595554	4172503	75.41357	CSCO-IDL
595574	4172503	50.62333	CSCO-IDL
595594	4172503	35.77089	CSCO-IDL
595614	4172503	26.59926	CSCO-IDL
595634	4172503	20.46811	CSCO-IDL
595654	4172503	16.24127	CSCO-IDL
595674	4172503	13.27065	CSCO-IDL
595694	4172503	10.94107	CSCO-IDL
595714	4172503	9.22982	CSCO-IDL
595734	4172503	7.88911	CSCO-IDL
595754	4172503	6.82932	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172503	5.96351	CSCO-IDL
595794	4172503	5.2486	CSCO-IDL
595814	4172503	4.6743	CSCO-IDL
595834	4172503	4.18703	CSCO-IDL
595034	4172523	1.21315	CSCO-IDL
595054	4172523	1.3189	CSCO-IDL
595074	4172523	1.43953	CSCO-IDL
595094	4172523	1.57375	CSCO-IDL
595514	4172523	271.03135	CSCO-IDL
595534	4172523	135.93172	CSCO-IDL
595554	4172523	80.01484	CSCO-IDL
595574	4172523	49.3994	CSCO-IDL
595594	4172523	33.70175	CSCO-IDL
595614	4172523	25.2893	CSCO-IDL
595634	4172523	19.89646	CSCO-IDL
595654	4172523	15.8694	CSCO-IDL
595674	4172523	12.82668	CSCO-IDL
595694	4172523	10.65682	CSCO-IDL
595714	4172523	8.97758	CSCO-IDL
595734	4172523	7.66836	CSCO-IDL
595754	4172523	6.62736	CSCO-IDL
595774	4172523	5.78892	CSCO-IDL
595794	4172523	5.09617	CSCO-IDL
595814	4172523	4.53685	CSCO-IDL
595834	4172523	4.06448	CSCO-IDL
595034	4172543	1.05446	CSCO-IDL
595054	4172543	1.14124	CSCO-IDL
595074	4172543	1.2381	CSCO-IDL
595094	4172543	1.35008	CSCO-IDL
595514	4172543	193.66414	CSCO-IDL
595534	4172543	106.30969	CSCO-IDL
595554	4172543	66.68128	CSCO-IDL
595574	4172543	42.24039	CSCO-IDL
595594	4172543	30.04573	CSCO-IDL
595614	4172543	22.67099	CSCO-IDL
595634	4172543	17.91446	CSCO-IDL
595654	4172543	14.48158	CSCO-IDL
595674	4172543	11.68915	CSCO-IDL
595694	4172543	9.80461	CSCO-IDL
595714	4172543	8.36424	CSCO-IDL
595734	4172543	7.2187	CSCO-IDL
595754	4172543	6.26753	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172543	5.49809	CSCO-IDL
595794	4172543	4.85626	CSCO-IDL
595814	4172543	4.32908	CSCO-IDL
595014	4172563	0.85088	CSCO-IDL
595034	4172563	0.91207	CSCO-IDL
595054	4172563	0.9807	CSCO-IDL
595074	4172563	1.05726	CSCO-IDL
595094	4172563	1.1461	CSCO-IDL
595514	4172563	103.57658	CSCO-IDL
595534	4172563	68.88836	CSCO-IDL
595554	4172563	48.08263	CSCO-IDL
595574	4172563	33.05349	CSCO-IDL
595594	4172563	24.74466	CSCO-IDL
595614	4172563	19.3137	CSCO-IDL
595634	4172563	15.71334	CSCO-IDL
595654	4172563	12.69311	CSCO-IDL
595674	4172563	10.48675	CSCO-IDL
595694	4172563	8.85948	CSCO-IDL
595714	4172563	7.58726	CSCO-IDL
595734	4172563	6.59399	CSCO-IDL
595754	4172563	5.79582	CSCO-IDL
595774	4172563	5.1116	CSCO-IDL
595794	4172563	4.54337	CSCO-IDL
595814	4172563	4.06871	CSCO-IDL
595014	4172583	0.74026	CSCO-IDL
595034	4172583	0.78908	CSCO-IDL
595054	4172583	0.84448	CSCO-IDL
595074	4172583	0.90534	CSCO-IDL
595494	4172583	48.78257	CSCO-IDL
595514	4172583	50.92535	CSCO-IDL
595534	4172583	41.78108	CSCO-IDL
595554	4172583	32.5484	CSCO-IDL
595574	4172583	24.8801	CSCO-IDL
595594	4172583	19.72011	CSCO-IDL
595614	4172583	16.10745	CSCO-IDL
595634	4172583	13.21724	CSCO-IDL
595654	4172583	10.8916	CSCO-IDL
595674	4172583	9.19483	CSCO-IDL
595694	4172583	7.86763	CSCO-IDL
595714	4172583	6.81015	CSCO-IDL
595734	4172583	5.98229	CSCO-IDL
595754	4172583	5.2767	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172583	4.69261	CSCO-IDL
595794	4172583	4.19767	CSCO-IDL
595814	4172583	3.77798	CSCO-IDL
595034	4172603	0.68936	CSCO-IDL
595054	4172603	0.73363	CSCO-IDL
595074	4172603	0.78355	CSCO-IDL
595494	4172603	24.9571	CSCO-IDL
595514	4172603	27.49369	CSCO-IDL
595534	4172603	26.49855	CSCO-IDL
595554	4172603	22.87951	CSCO-IDL
595574	4172603	18.68771	CSCO-IDL
595594	4172603	15.60646	CSCO-IDL
595614	4172603	13.2859	CSCO-IDL
595634	4172603	11.14092	CSCO-IDL
595654	4172603	9.32138	CSCO-IDL
595674	4172603	7.99113	CSCO-IDL
595694	4172603	6.92273	CSCO-IDL
595714	4172603	6.05465	CSCO-IDL
595734	4172603	5.36443	CSCO-IDL
595754	4172603	4.7548	CSCO-IDL
595774	4172603	4.27093	CSCO-IDL
595794	4172603	3.84339	CSCO-IDL
595474	4172623	11.7613	CSCO-IDL
595494	4172623	15.81597	CSCO-IDL
595514	4172623	17.50482	CSCO-IDL
595534	4172623	17.80975	CSCO-IDL
595554	4172623	16.38283	CSCO-IDL
595574	4172623	14.61347	CSCO-IDL
595594	4172623	12.68115	CSCO-IDL
595614	4172623	10.75513	CSCO-IDL
595634	4172623	9.33334	CSCO-IDL
595654	4172623	8.05895	CSCO-IDL
595674	4172623	6.99835	CSCO-IDL
595694	4172623	6.09434	CSCO-IDL
595714	4172623	5.39154	CSCO-IDL
595734	4172623	4.78331	CSCO-IDL
595754	4172623	4.2942	CSCO-IDL
595774	4172623	3.87306	CSCO-IDL
595794	4172623	3.50478	CSCO-IDL
595814	4172623	3.18766	CSCO-IDL
595474	4172643	8.37077	CSCO-IDL
595494	4172643	10.20905	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4172643	12.10342	CSCO-IDL
595534	4172643	12.53158	CSCO-IDL
595554	4172643	12.04445	CSCO-IDL
595574	4172643	11.02111	CSCO-IDL
595594	4172643	9.9168	CSCO-IDL
595614	4172643	8.99662	CSCO-IDL
595634	4172643	7.79949	CSCO-IDL
595654	4172643	6.9421	CSCO-IDL
595674	4172643	6.1111	CSCO-IDL
595694	4172643	5.4046	CSCO-IDL
595714	4172643	4.80774	CSCO-IDL
595734	4172643	4.2952	CSCO-IDL
595754	4172643	3.88656	CSCO-IDL
595774	4172643	3.51397	CSCO-IDL
595794	4172643	3.19611	CSCO-IDL
595814	4172643	2.92043	CSCO-IDL
595474	4172663	6.33059	CSCO-IDL
595494	4172663	7.51018	CSCO-IDL
595514	4172663	8.75396	CSCO-IDL
595534	4172663	9.26189	CSCO-IDL
595554	4172663	9.16461	CSCO-IDL
595574	4172663	8.65502	CSCO-IDL
595594	4172663	8.01719	CSCO-IDL
595614	4172663	7.34283	CSCO-IDL
595634	4172663	6.58466	CSCO-IDL
595654	4172663	5.935	CSCO-IDL
595674	4172663	5.32041	CSCO-IDL
595694	4172663	4.81436	CSCO-IDL
595714	4172663	4.28608	CSCO-IDL
595734	4172663	3.87828	CSCO-IDL
595754	4172663	3.52905	CSCO-IDL
595774	4172663	3.20255	CSCO-IDL
595794	4172663	2.9254	CSCO-IDL
595814	4172663	2.68355	CSCO-IDL
595454	4172683	4.15688	CSCO-IDL
595474	4172683	4.92425	CSCO-IDL
595494	4172683	5.80655	CSCO-IDL
595514	4172683	6.63865	CSCO-IDL
595534	4172683	7.1023	CSCO-IDL
595554	4172683	7.17611	CSCO-IDL
595574	4172683	6.94254	CSCO-IDL
595594	4172683	6.63342	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172683	6.07776	CSCO-IDL
595634	4172683	5.60359	CSCO-IDL
595654	4172683	5.13254	CSCO-IDL
595674	4172683	4.67246	CSCO-IDL
595694	4172683	4.29291	CSCO-IDL
595714	4172683	3.86983	CSCO-IDL
595734	4172683	3.53721	CSCO-IDL
595754	4172683	3.209	CSCO-IDL
595774	4172683	2.91901	CSCO-IDL
595794	4172683	2.68298	CSCO-IDL
595814	4172683	2.47159	CSCO-IDL
595474	4172703	3.94711	CSCO-IDL
595494	4172703	4.53542	CSCO-IDL
595514	4172703	5.13315	CSCO-IDL
595534	4172703	5.59034	CSCO-IDL
595554	4172703	5.75567	CSCO-IDL
595574	4172703	5.66201	CSCO-IDL
595594	4172703	5.48655	CSCO-IDL
595614	4172703	5.11067	CSCO-IDL
595634	4172703	4.78621	CSCO-IDL
595654	4172703	4.44251	CSCO-IDL
595674	4172703	4.11278	CSCO-IDL
595694	4172703	3.78791	CSCO-IDL
595714	4172703	3.46882	CSCO-IDL
595734	4172703	3.21495	CSCO-IDL
595754	4172703	2.93312	CSCO-IDL
595774	4172703	2.6903	CSCO-IDL
595794	4172703	2.4762	CSCO-IDL
595814	4172703	2.28696	CSCO-IDL
595834	4172703	2.12123	CSCO-IDL
595294	4172723	1.19081	CSCO-IDL
595314	4172723	1.30173	CSCO-IDL
595514	4172723	4.1753	CSCO-IDL
595534	4172723	4.48328	CSCO-IDL
595554	4172723	4.64842	CSCO-IDL
595574	4172723	4.67703	CSCO-IDL
595594	4172723	4.62604	CSCO-IDL
595614	4172723	4.37478	CSCO-IDL
595634	4172723	4.11623	CSCO-IDL
595654	4172723	3.86521	CSCO-IDL
595674	4172723	3.63893	CSCO-IDL
595694	4172723	3.36584	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172723	3.1446	CSCO-IDL
595734	4172723	2.91085	CSCO-IDL
595754	4172723	2.6758	CSCO-IDL
595774	4172723	2.47356	CSCO-IDL
595794	4172723	2.27049	CSCO-IDL
595814	4172723	2.11039	CSCO-IDL
595834	4172723	1.96655	CSCO-IDL
595294	4172743	1.08654	CSCO-IDL
595314	4172743	1.17361	CSCO-IDL
595334	4172743	1.27818	CSCO-IDL
595354	4172743	1.42141	CSCO-IDL
595374	4172743	1.57689	CSCO-IDL
595534	4172743	3.73751	CSCO-IDL
595554	4172743	3.89387	CSCO-IDL
595574	4172743	3.9127	CSCO-IDL
595594	4172743	3.85212	CSCO-IDL
595614	4172743	3.73268	CSCO-IDL
595634	4172743	3.60549	CSCO-IDL
595654	4172743	3.40341	CSCO-IDL
595674	4172743	3.20507	CSCO-IDL
595694	4172743	2.99418	CSCO-IDL
595714	4172743	2.82334	CSCO-IDL
595734	4172743	2.63671	CSCO-IDL
595754	4172743	2.44486	CSCO-IDL
595774	4172743	2.25979	CSCO-IDL
595794	4172743	2.10768	CSCO-IDL
595814	4172743	1.969	CSCO-IDL
595834	4172743	1.84101	CSCO-IDL
595274	4172763	0.92349	CSCO-IDL
595294	4172763	0.99155	CSCO-IDL
595314	4172763	1.0627	CSCO-IDL
595334	4172763	1.15622	CSCO-IDL
595354	4172763	1.2799	CSCO-IDL
595374	4172763	1.40363	CSCO-IDL
595394	4172763	1.55959	CSCO-IDL
595414	4172763	1.72923	CSCO-IDL
595534	4172763	3.13028	CSCO-IDL
595554	4172763	3.2835	CSCO-IDL
595574	4172763	3.34617	CSCO-IDL
595594	4172763	3.31872	CSCO-IDL
595614	4172763	3.2204	CSCO-IDL
595634	4172763	3.09286	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172763	2.96134	CSCO-IDL
595674	4172763	2.82108	CSCO-IDL
595694	4172763	2.66878	CSCO-IDL
595714	4172763	2.53001	CSCO-IDL
595734	4172763	2.38267	CSCO-IDL
595754	4172763	2.2314	CSCO-IDL
595774	4172763	2.08625	CSCO-IDL
595794	4172763	1.95758	CSCO-IDL
595814	4172763	1.83796	CSCO-IDL
594934	4172783	0.27808	CSCO-IDL
594954	4172783	0.29181	CSCO-IDL
594974	4172783	0.30766	CSCO-IDL
595274	4172783	0.84491	CSCO-IDL
595294	4172783	0.90388	CSCO-IDL
595314	4172783	0.97731	CSCO-IDL
595334	4172783	1.06033	CSCO-IDL
595354	4172783	1.15107	CSCO-IDL
595374	4172783	1.26105	CSCO-IDL
595394	4172783	1.3842	CSCO-IDL
595414	4172783	1.51906	CSCO-IDL
595434	4172783	1.67247	CSCO-IDL
595454	4172783	1.85391	CSCO-IDL
595514	4172783	2.47098	CSCO-IDL
595534	4172783	2.66116	CSCO-IDL
595554	4172783	2.80041	CSCO-IDL
595574	4172783	2.87578	CSCO-IDL
595594	4172783	2.87401	CSCO-IDL
595614	4172783	2.82249	CSCO-IDL
595634	4172783	2.73207	CSCO-IDL
595654	4172783	2.62343	CSCO-IDL
595674	4172783	2.50076	CSCO-IDL
595694	4172783	2.38146	CSCO-IDL
595714	4172783	2.28086	CSCO-IDL
595734	4172783	2.16747	CSCO-IDL
595754	4172783	2.05193	CSCO-IDL
595774	4172783	1.94169	CSCO-IDL
595794	4172783	1.83398	CSCO-IDL
595814	4172783	1.72155	CSCO-IDL
594894	4172803	0.24412	CSCO-IDL
594914	4172803	0.25615	CSCO-IDL
594934	4172803	0.26946	CSCO-IDL
594954	4172803	0.28336	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594974	4172803	0.29865	CSCO-IDL
595274	4172803	0.7727	CSCO-IDL
595294	4172803	0.82322	CSCO-IDL
595314	4172803	0.88876	CSCO-IDL
595334	4172803	0.97236	CSCO-IDL
595354	4172803	1.05265	CSCO-IDL
595374	4172803	1.14462	CSCO-IDL
595394	4172803	1.24439	CSCO-IDL
595414	4172803	1.35495	CSCO-IDL
595434	4172803	1.47765	CSCO-IDL
595454	4172803	1.61934	CSCO-IDL
595474	4172803	1.78364	CSCO-IDL
595494	4172803	1.96036	CSCO-IDL
595514	4172803	2.13589	CSCO-IDL
595534	4172803	2.29261	CSCO-IDL
595554	4172803	2.41552	CSCO-IDL
595574	4172803	2.49291	CSCO-IDL
595594	4172803	2.5084	CSCO-IDL
595614	4172803	2.48244	CSCO-IDL
595634	4172803	2.42183	CSCO-IDL
595654	4172803	2.3402	CSCO-IDL
595674	4172803	2.24778	CSCO-IDL
595694	4172803	2.1445	CSCO-IDL
595714	4172803	2.04337	CSCO-IDL
595734	4172803	1.953	CSCO-IDL
595754	4172803	1.86096	CSCO-IDL
595774	4172803	1.77045	CSCO-IDL
595794	4172803	1.68052	CSCO-IDL
595814	4172803	1.59347	CSCO-IDL
594874	4172823	0.22663	CSCO-IDL
594894	4172823	0.23764	CSCO-IDL
594914	4172823	0.24942	CSCO-IDL
594934	4172823	0.26197	CSCO-IDL
594954	4172823	0.27525	CSCO-IDL
595254	4172823	0.67098	CSCO-IDL
595274	4172823	0.71103	CSCO-IDL
595294	4172823	0.75951	CSCO-IDL
595314	4172823	0.82257	CSCO-IDL
595334	4172823	0.89031	CSCO-IDL
595354	4172823	0.96331	CSCO-IDL
595374	4172823	1.04462	CSCO-IDL
595394	4172823	1.12741	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595414	4172823	1.21684	CSCO-IDL
595434	4172823	1.32015	CSCO-IDL
595454	4172823	1.43752	CSCO-IDL
595474	4172823	1.5671	CSCO-IDL
595494	4172823	1.70917	CSCO-IDL
595514	4172823	1.85383	CSCO-IDL
595534	4172823	1.99168	CSCO-IDL
595554	4172823	2.10545	CSCO-IDL
595574	4172823	2.1803	CSCO-IDL
595594	4172823	2.20863	CSCO-IDL
595614	4172823	2.19887	CSCO-IDL
595634	4172823	2.15694	CSCO-IDL
595654	4172823	2.09668	CSCO-IDL
595674	4172823	2.02472	CSCO-IDL
595694	4172823	1.932	CSCO-IDL
595714	4172823	1.85043	CSCO-IDL
595734	4172823	1.77638	CSCO-IDL
595754	4172823	1.69948	CSCO-IDL
595774	4172823	1.62365	CSCO-IDL
595794	4172823	1.54924	CSCO-IDL
595814	4172823	1.47555	CSCO-IDL
594874	4172843	0.22152	CSCO-IDL
594894	4172843	0.2315	CSCO-IDL
594914	4172843	0.24281	CSCO-IDL
594934	4172843	0.25478	CSCO-IDL
594954	4172843	0.26729	CSCO-IDL
595254	4172843	0.62083	CSCO-IDL
595274	4172843	0.66008	CSCO-IDL
595294	4172843	0.70626	CSCO-IDL
595314	4172843	0.76403	CSCO-IDL
595334	4172843	0.82131	CSCO-IDL
595354	4172843	0.886	CSCO-IDL
595374	4172843	0.954	CSCO-IDL
595394	4172843	1.02464	CSCO-IDL
595414	4172843	1.1026	CSCO-IDL
595434	4172843	1.18911	CSCO-IDL
595454	4172843	1.28787	CSCO-IDL
595474	4172843	1.39333	CSCO-IDL
595494	4172843	1.51057	CSCO-IDL
595514	4172843	1.63089	CSCO-IDL
595534	4172843	1.74472	CSCO-IDL
595554	4172843	1.84474	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172843	1.91926	CSCO-IDL
595594	4172843	1.95611	CSCO-IDL
595614	4172843	1.9554	CSCO-IDL
595634	4172843	1.93093	CSCO-IDL
595654	4172843	1.88618	CSCO-IDL
595674	4172843	1.82907	CSCO-IDL
595694	4172843	1.70459	CSCO-IDL
595714	4172843	1.6903	CSCO-IDL
595734	4172843	1.62615	CSCO-IDL
595754	4172843	1.56191	CSCO-IDL
595774	4172843	1.49819	CSCO-IDL
595794	4172843	1.4355	CSCO-IDL
595814	4172843	1.37355	CSCO-IDL
594854	4172863	0.20702	CSCO-IDL
594874	4172863	0.21642	CSCO-IDL
594894	4172863	0.22575	CSCO-IDL
594914	4172863	0.23608	CSCO-IDL
594934	4172863	0.2476	CSCO-IDL
595234	4172863	0.54707	CSCO-IDL
595254	4172863	0.57696	CSCO-IDL
595274	4172863	0.61339	CSCO-IDL
595294	4172863	0.66001	CSCO-IDL
595314	4172863	0.70967	CSCO-IDL
595334	4172863	0.76216	CSCO-IDL
595354	4172863	0.81679	CSCO-IDL
595374	4172863	0.87579	CSCO-IDL
595394	4172863	0.9346	CSCO-IDL
595414	4172863	1.00161	CSCO-IDL
595434	4172863	1.07663	CSCO-IDL
595454	4172863	1.16257	CSCO-IDL
595474	4172863	1.25239	CSCO-IDL
595494	4172863	1.34879	CSCO-IDL
595514	4172863	1.44766	CSCO-IDL
595534	4172863	1.54336	CSCO-IDL
595554	4172863	1.63148	CSCO-IDL
595574	4172863	1.70292	CSCO-IDL
595594	4172863	1.74374	CSCO-IDL
595614	4172863	1.75636	CSCO-IDL
595634	4172863	1.73628	CSCO-IDL
595654	4172863	1.70321	CSCO-IDL
595674	4172863	1.65455	CSCO-IDL
595694	4172863	1.596	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172863	1.54622	CSCO-IDL
595734	4172863	1.49258	CSCO-IDL
595754	4172863	1.43848	CSCO-IDL
595774	4172863	1.38452	CSCO-IDL
595794	4172863	1.33108	CSCO-IDL
594854	4172883	0.20198	CSCO-IDL
594874	4172883	0.21063	CSCO-IDL
594894	4172883	0.21976	CSCO-IDL
594914	4172883	0.2296	CSCO-IDL
595234	4172883	0.51124	CSCO-IDL
595254	4172883	0.54005	CSCO-IDL
595274	4172883	0.57479	CSCO-IDL
595294	4172883	0.61647	CSCO-IDL
595314	4172883	0.66001	CSCO-IDL
595334	4172883	0.70851	CSCO-IDL
595354	4172883	0.75828	CSCO-IDL
595374	4172883	0.80862	CSCO-IDL
595394	4172883	0.85843	CSCO-IDL
595414	4172883	0.91547	CSCO-IDL
595434	4172883	0.98223	CSCO-IDL
595454	4172883	1.0519	CSCO-IDL
595474	4172883	1.12941	CSCO-IDL
595494	4172883	1.21043	CSCO-IDL
595514	4172883	1.29636	CSCO-IDL
595534	4172883	1.37916	CSCO-IDL
595554	4172883	1.45706	CSCO-IDL
595574	4172883	1.52107	CSCO-IDL
595594	4172883	1.56002	CSCO-IDL
595614	4172883	1.57604	CSCO-IDL
595634	4172883	1.57069	CSCO-IDL
595654	4172883	1.54903	CSCO-IDL
595674	4172883	1.49653	CSCO-IDL
595694	4172883	1.46243	CSCO-IDL
595714	4172883	1.41913	CSCO-IDL
595734	4172883	1.37401	CSCO-IDL
595754	4172883	1.32816	CSCO-IDL
595774	4172883	1.28223	CSCO-IDL
595794	4172883	1.23633	CSCO-IDL
594854	4172903	0.19707	CSCO-IDL
594874	4172903	0.20529	CSCO-IDL
594894	4172903	0.21397	CSCO-IDL
594914	4172903	0.2234	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595234	4172903	0.48012	CSCO-IDL
595254	4172903	0.50805	CSCO-IDL
595274	4172903	0.54117	CSCO-IDL
595294	4172903	0.57845	CSCO-IDL
595314	4172903	0.61717	CSCO-IDL
595334	4172903	0.65926	CSCO-IDL
595354	4172903	0.70021	CSCO-IDL
595374	4172903	0.7444	CSCO-IDL
595394	4172903	0.7927	CSCO-IDL
595414	4172903	0.84322	CSCO-IDL
595434	4172903	0.89827	CSCO-IDL
595454	4172903	0.95823	CSCO-IDL
595474	4172903	1.02333	CSCO-IDL
595494	4172903	1.09331	CSCO-IDL
595514	4172903	1.16508	CSCO-IDL
595534	4172903	1.23739	CSCO-IDL
595554	4172903	1.30752	CSCO-IDL
595574	4172903	1.36564	CSCO-IDL
595594	4172903	1.4035	CSCO-IDL
595614	4172903	1.42282	CSCO-IDL
595634	4172903	1.42485	CSCO-IDL
595654	4172903	1.40991	CSCO-IDL
595674	4172903	1.36909	CSCO-IDL
595694	4172903	1.34271	CSCO-IDL
595714	4172903	1.30663	CSCO-IDL
595734	4172903	1.26849	CSCO-IDL
595754	4172903	1.22942	CSCO-IDL
595774	4172903	1.19005	CSCO-IDL
595794	4172903	1.15061	CSCO-IDL
594854	4172923	0.19213	CSCO-IDL
594874	4172923	0.20008	CSCO-IDL
594894	4172923	0.2085	CSCO-IDL
594914	4172923	0.21775	CSCO-IDL
595254	4172923	0.4802	CSCO-IDL
595274	4172923	0.51086	CSCO-IDL
595294	4172923	0.54379	CSCO-IDL
595314	4172923	0.57847	CSCO-IDL
595334	4172923	0.61541	CSCO-IDL
595354	4172923	0.65054	CSCO-IDL
595374	4172923	0.68803	CSCO-IDL
595394	4172923	0.72851	CSCO-IDL
595414	4172923	0.77379	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595434	4172923	0.82423	CSCO-IDL
595454	4172923	0.87745	CSCO-IDL
595474	4172923	0.93409	CSCO-IDL
595494	4172923	0.99214	CSCO-IDL
595514	4172923	1.05398	CSCO-IDL
595534	4172923	1.11664	CSCO-IDL
595554	4172923	1.17926	CSCO-IDL
595574	4172923	1.23107	CSCO-IDL
595594	4172923	1.26925	CSCO-IDL
595614	4172923	1.29291	CSCO-IDL
595634	4172923	1.29849	CSCO-IDL
595654	4172923	1.2782	CSCO-IDL
595674	4172923	1.262	CSCO-IDL
595694	4172923	1.23662	CSCO-IDL
595714	4172923	1.20664	CSCO-IDL
595734	4172923	1.17432	CSCO-IDL
595754	4172923	1.14084	CSCO-IDL
595774	4172923	1.10686	CSCO-IDL
595314	4172943	0.54357	CSCO-IDL
595334	4172943	0.57464	CSCO-IDL
595354	4172943	0.60646	CSCO-IDL
595374	4172943	0.63939	CSCO-IDL
595394	4172943	0.6757	CSCO-IDL
595414	4172943	0.71425	CSCO-IDL
595434	4172943	0.75724	CSCO-IDL
595454	4172943	0.80387	CSCO-IDL
595474	4172943	0.85387	CSCO-IDL
595494	4172943	0.9064	CSCO-IDL
595514	4172943	0.96035	CSCO-IDL
595534	4172943	1.01516	CSCO-IDL
595554	4172943	1.06891	CSCO-IDL
595574	4172943	1.11515	CSCO-IDL
595594	4172943	1.15294	CSCO-IDL
595614	4172943	1.17783	CSCO-IDL
595634	4172943	1.18679	CSCO-IDL
595654	4172943	1.14659	CSCO-IDL
595674	4172943	1.15984	CSCO-IDL
595694	4172943	1.14224	CSCO-IDL
595714	4172943	1.11732	CSCO-IDL
595734	4172943	1.08984	CSCO-IDL
595754	4172943	1.06101	CSCO-IDL
595774	4172943	1.03154	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4172963	0.5107	CSCO-IDL
595334	4172963	0.53927	CSCO-IDL
595354	4172963	0.56709	CSCO-IDL
595374	4172963	0.59619	CSCO-IDL
595394	4172963	0.62749	CSCO-IDL
595414	4172963	0.66169	CSCO-IDL
595434	4172963	0.69967	CSCO-IDL
595454	4172963	0.74018	CSCO-IDL
595474	4172963	0.78231	CSCO-IDL
595494	4172963	0.82884	CSCO-IDL
595514	4172963	0.87668	CSCO-IDL
595534	4172963	0.92544	CSCO-IDL
595554	4172963	0.97309	CSCO-IDL
595574	4172963	1.0162	CSCO-IDL
595594	4172963	1.0516	CSCO-IDL
595614	4172963	1.07677	CSCO-IDL
595634	4172963	1.08276	CSCO-IDL
595654	4172963	1.08042	CSCO-IDL
595674	4172963	1.07223	CSCO-IDL
595694	4172963	1.05644	CSCO-IDL
595714	4172963	1.0358	CSCO-IDL
595734	4172963	1.01258	CSCO-IDL
595754	4172963	0.98786	CSCO-IDL
595314	4172983	0.48112	CSCO-IDL
595334	4172983	0.50618	CSCO-IDL
595354	4172983	0.53118	CSCO-IDL
595374	4172983	0.55711	CSCO-IDL
595394	4172983	0.58531	CSCO-IDL
595414	4172983	0.61559	CSCO-IDL
595434	4172983	0.6492	CSCO-IDL
595454	4172983	0.68505	CSCO-IDL
595474	4172983	0.72191	CSCO-IDL
595494	4172983	0.7624	CSCO-IDL
595514	4172983	0.80324	CSCO-IDL
595534	4172983	0.84645	CSCO-IDL
595554	4172983	0.88955	CSCO-IDL
595574	4172983	0.92803	CSCO-IDL
595594	4172983	0.96169	CSCO-IDL
595614	4172983	0.98725	CSCO-IDL
595634	4172983	0.99083	CSCO-IDL
595654	4172983	0.99936	CSCO-IDL
595674	4172983	0.99459	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172983	0.98288	CSCO-IDL
595714	4172983	0.9663	CSCO-IDL
595734	4172983	0.94663	CSCO-IDL
595754	4172983	0.92518	CSCO-IDL
595314	4173003	0.45474	CSCO-IDL
595334	4173003	0.47574	CSCO-IDL
595354	4173003	0.49812	CSCO-IDL
595374	4173003	0.52164	CSCO-IDL
595394	4173003	0.54658	CSCO-IDL
595414	4173003	0.57404	CSCO-IDL
595434	4173003	0.60385	CSCO-IDL
595454	4173003	0.63588	CSCO-IDL
595474	4173003	0.6687	CSCO-IDL
595494	4173003	0.70373	CSCO-IDL
595514	4173003	0.74014	CSCO-IDL
595534	4173003	0.77829	CSCO-IDL
595554	4173003	0.8166	CSCO-IDL
595574	4173003	0.85147	CSCO-IDL
595594	4173003	0.88309	CSCO-IDL
595614	4173003	0.90546	CSCO-IDL
595634	4173003	0.91686	CSCO-IDL
595654	4173003	0.92477	CSCO-IDL
595674	4173003	0.92302	CSCO-IDL
595694	4173003	0.91462	CSCO-IDL
595714	4173003	0.90134	CSCO-IDL
595734	4173003	0.88481	CSCO-IDL
595294	4173023	0.40949	CSCO-IDL
595314	4173023	0.42856	CSCO-IDL
595334	4173023	0.44837	CSCO-IDL
595354	4173023	0.46847	CSCO-IDL
595374	4173023	0.48947	CSCO-IDL
595394	4173023	0.51216	CSCO-IDL
595414	4173023	0.53684	CSCO-IDL
595434	4173023	0.56275	CSCO-IDL
595454	4173023	0.59092	CSCO-IDL
595474	4173023	0.62057	CSCO-IDL
595494	4173023	0.65205	CSCO-IDL
595514	4173023	0.68437	CSCO-IDL
595534	4173023	0.71829	CSCO-IDL
595554	4173023	0.75235	CSCO-IDL
595574	4173023	0.78467	CSCO-IDL
595594	4173023	0.81433	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4173023	0.83021	CSCO-IDL
595634	4173023	0.8496	CSCO-IDL
595654	4173023	0.85781	CSCO-IDL
595674	4173023	0.85851	CSCO-IDL
595694	4173023	0.85291	CSCO-IDL
595714	4173023	0.8425	CSCO-IDL
595294	4173043	0.38869	CSCO-IDL
595314	4173043	0.40572	CSCO-IDL
595334	4173043	0.42346	CSCO-IDL
595354	4173043	0.44144	CSCO-IDL
595374	4173043	0.46045	CSCO-IDL
595394	4173043	0.48094	CSCO-IDL
595414	4173043	0.50268	CSCO-IDL
595434	4173043	0.52615	CSCO-IDL
595454	4173043	0.55118	CSCO-IDL
595474	4173043	0.5775	CSCO-IDL
595494	4173043	0.60575	CSCO-IDL
595514	4173043	0.63451	CSCO-IDL
595534	4173043	0.66441	CSCO-IDL
595554	4173043	0.69532	CSCO-IDL
595574	4173043	0.72542	CSCO-IDL
595594	4173043	0.75242	CSCO-IDL
595614	4173043	0.769	CSCO-IDL
595634	4173043	0.78808	CSCO-IDL
595654	4173043	0.79751	CSCO-IDL
595674	4173043	0.80018	CSCO-IDL
595694	4173043	0.79694	CSCO-IDL
595294	4173063	0.36926	CSCO-IDL
595314	4173063	0.38472	CSCO-IDL
595334	4173063	0.40051	CSCO-IDL
595354	4173063	0.41678	CSCO-IDL
595374	4173063	0.43394	CSCO-IDL
595394	4173063	0.45195	CSCO-IDL
595414	4173063	0.4715	CSCO-IDL
595434	4173063	0.49273	CSCO-IDL
595454	4173063	0.51564	CSCO-IDL
595474	4173063	0.53948	CSCO-IDL
595494	4173063	0.56489	CSCO-IDL
595514	4173063	0.59058	CSCO-IDL
595534	4173063	0.61709	CSCO-IDL
595554	4173063	0.64504	CSCO-IDL
595574	4173063	0.67194	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4173063	0.69448	CSCO-IDL
595614	4173063	0.71547	CSCO-IDL
595634	4173063	0.73273	CSCO-IDL
595654	4173063	0.74305	CSCO-IDL
595354	4173083	0.39402	CSCO-IDL
595374	4173083	0.40916	CSCO-IDL
595394	4173083	0.42546	CSCO-IDL
595414	4173083	0.44325	CSCO-IDL
595434	4173083	0.46255	CSCO-IDL
595454	4173083	0.48349	CSCO-IDL
595474	4173083	0.50535	CSCO-IDL
595494	4173083	0.52906	CSCO-IDL
595514	4173083	0.55229	CSCO-IDL
595534	4173083	0.5748	CSCO-IDL
595554	4173083	0.60036	CSCO-IDL
595574	4173083	0.62465	CSCO-IDL
595594	4173083	0.64803	CSCO-IDL
595614	4173083	0.64537	CSCO-IDL
595334	4173103	0.35947	CSCO-IDL
595354	4173103	0.37278	CSCO-IDL
595374	4173103	0.38652	CSCO-IDL
595394	4173103	0.40135	CSCO-IDL
595414	4173103	0.41758	CSCO-IDL
595434	4173103	0.43518	CSCO-IDL
595454	4173103	0.45444	CSCO-IDL
595474	4173103	0.47463	CSCO-IDL
595494	4173103	0.4958	CSCO-IDL
595514	4173103	0.51473	CSCO-IDL
595534	4173103	0.53712	CSCO-IDL
595334	4173123	0.341	CSCO-IDL
595354	4173123	0.35304	CSCO-IDL
595374	4173123	0.36571	CSCO-IDL
595394	4173123	0.37937	CSCO-IDL
595414	4173123	0.39439	CSCO-IDL
595434	4173123	0.41056	CSCO-IDL
595454	4173123	0.42819	CSCO-IDL
595474	4173123	0.44696	CSCO-IDL
595494	4173123	0.46558	CSCO-IDL
595514	4173123	0.48255	CSCO-IDL
595354	4173143	0.33508	CSCO-IDL
595374	4173143	0.34687	CSCO-IDL
595394	4173143	0.35978	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595414	4173143	0.37485	CSCO-IDL
595434	4173143	0.38941	CSCO-IDL
595494	4173143	0.43646	CSCO-IDL
595354	4173163	0.31908	CSCO-IDL
595374	4173163	0.32984	CSCO-IDL
595394	4173163	0.34157	CSCO-IDL
595414	4173163	0.35501	CSCO-IDL
595434	4173163	0.36822	CSCO-IDL
595374	4173183	0.31406	CSCO-IDL
595394	4173183	0.32477	CSCO-IDL
595414	4173183	0.3364	CSCO-IDL
595434	4173183	0.34862	CSCO-IDL
595203.12	4172931.43	0.41237	CSCO-IDL
595305.29	4173022.49	0.42066	CSCO-IDL
596059.85	4172738.92	0.9758	CSCO-IDL
595782.4	4171913.24	0.32872	CSCO-IDL
595790.49	4171877.76	0.29175	CSCO-IDL
595826.59	4171700.37	0.18039	CSCO-IDL
595857.85	4171568.4	0.13642	CSCO-IDL
595427.66	4172811.08	1.37256	CSCO-IDL
595616.96	4172890.78	1.51472	CSCO-IDL
595465.61	4172972.42	0.73573	CSCO-IDL
595413.93	4172953.11	0.68679	CSCO-IDL
595207.62	4172857.58	0.52293	CSCO-IDL
595229.35	4172793.73	0.69645	CSCO-IDL
595251.41	4172717.21	0.98825	CSCO-IDL
595276.16	4172654.64	1.43797	CSCO-IDL
595286.24	4171790.65	0.22302	CSCO-IDL
595306.24	4171790.65	0.22163	CSCO-IDL
595326.24	4171790.65	0.22064	CSCO-IDL
595266.24	4171810.65	0.23696	CSCO-IDL
595286.24	4171810.65	0.23462	CSCO-IDL
595306.24	4171810.65	0.2336	CSCO-IDL
595326.24	4171810.65	0.23226	CSCO-IDL
595246.24	4171830.65	0.2537	CSCO-IDL
595266.24	4171830.65	0.25021	CSCO-IDL
595286.24	4171830.65	0.24774	CSCO-IDL
595306.24	4171830.65	0.24629	CSCO-IDL
595326.24	4171830.65	0.24497	CSCO-IDL
595226.24	4171850.65	0.27392	CSCO-IDL
595246.24	4171850.65	0.2695	CSCO-IDL
595266.24	4171850.65	0.26557	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595286.24	4171850.65	0.26255	CSCO-IDL
595306.24	4171850.65	0.2604	CSCO-IDL
595326.24	4171850.65	0.25884	CSCO-IDL
595206.24	4171870.65	0.29946	CSCO-IDL
595226.24	4171870.65	0.29259	CSCO-IDL
595246.24	4171870.65	0.28676	CSCO-IDL
595266.24	4171870.65	0.28188	CSCO-IDL
595286.24	4171870.65	0.27836	CSCO-IDL
595306.24	4171870.65	0.27581	CSCO-IDL
595186.24	4171890.65	0.33018	CSCO-IDL
595206.24	4171890.65	0.32099	CSCO-IDL
595226.24	4171890.65	0.31279	CSCO-IDL
595246.24	4171890.65	0.30593	CSCO-IDL
595266.24	4171890.65	0.30025	CSCO-IDL
595286.24	4171890.65	0.296	CSCO-IDL
595306.24	4171890.65	0.29287	CSCO-IDL
595186.24	4171910.65	0.35533	CSCO-IDL
595206.24	4171910.65	0.34473	CSCO-IDL
595226.24	4171910.65	0.33542	CSCO-IDL
595246.24	4171910.65	0.32751	CSCO-IDL
595266.24	4171910.65	0.32096	CSCO-IDL
595286.24	4171910.65	0.31549	CSCO-IDL
595306.24	4171910.65	0.31183	CSCO-IDL
595166.24	4171930.65	0.39646	CSCO-IDL
595186.24	4171930.65	0.38365	CSCO-IDL
595206.24	4171930.65	0.37191	CSCO-IDL
595226.24	4171930.65	0.36088	CSCO-IDL
595246.24	4171930.65	0.35191	CSCO-IDL
595266.24	4171930.65	0.34386	CSCO-IDL
595286.24	4171930.65	0.33748	CSCO-IDL
595166.24	4171950.65	0.43037	CSCO-IDL
595186.24	4171950.65	0.41577	CSCO-IDL
595206.24	4171950.65	0.40223	CSCO-IDL
595226.24	4171950.65	0.38938	CSCO-IDL
595246.24	4171950.65	0.37892	CSCO-IDL
595266.24	4171950.65	0.36961	CSCO-IDL
595286.24	4171950.65	0.36232	CSCO-IDL
595146.24	4171970.65	0.48473	CSCO-IDL
595166.24	4171970.65	0.4679	CSCO-IDL
595186.24	4171970.65	0.45196	CSCO-IDL
595206.24	4171970.65	0.43663	CSCO-IDL
595226.24	4171970.65	0.42219	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595246.24	4171970.65	0.41025	CSCO-IDL
595266.24	4171970.65	0.3992	CSCO-IDL
595146.24	4171990.65	0.52997	CSCO-IDL
595166.24	4171990.65	0.51145	CSCO-IDL
595186.24	4171990.65	0.49354	CSCO-IDL
595206.24	4171990.65	0.47609	CSCO-IDL
595852.66	4171825.33	0.26215	CSCO-IDL
595852.66	4171845.33	0.28025	CSCO-IDL
595852.66	4171865.33	0.30065	CSCO-IDL
595872.66	4171865.33	0.30896	CSCO-IDL
595892.66	4171865.33	0.31789	CSCO-IDL
595832.66	4171885.33	0.31506	CSCO-IDL
595852.66	4171885.33	0.32376	CSCO-IDL
595872.66	4171885.33	0.33322	CSCO-IDL
595892.66	4171885.33	0.34323	CSCO-IDL
595832.66	4171905.33	0.3396	CSCO-IDL
595852.66	4171905.33	0.35014	CSCO-IDL
595872.66	4171905.33	0.36099	CSCO-IDL
595892.66	4171905.33	0.37162	CSCO-IDL
595912.66	4171905.33	0.38184	CSCO-IDL
595832.66	4171925.33	0.36695	CSCO-IDL
595852.66	4171925.33	0.37864	CSCO-IDL
595872.66	4171925.33	0.39052	CSCO-IDL
595892.66	4171925.33	0.40275	CSCO-IDL
595912.66	4171925.33	0.41457	CSCO-IDL
595852.66	4171945.33	0.41231	CSCO-IDL
595872.66	4171945.33	0.42465	CSCO-IDL
595892.66	4171945.33	0.43697	CSCO-IDL
595912.66	4171945.33	0.44901	CSCO-IDL
595932.66	4171945.33	0.46033	CSCO-IDL
595102.43	4172101.44	0.96929	CSCO-IDL
595122.43	4172101.44	0.95099	CSCO-IDL
595142.43	4172101.44	0.92901	CSCO-IDL
595102.43	4172121.44	1.06967	CSCO-IDL
595122.43	4172121.44	1.05364	CSCO-IDL
595142.43	4172121.44	1.0338	CSCO-IDL
595082.43	4172141.44	1.18596	CSCO-IDL
595102.43	4172141.44	1.18011	CSCO-IDL
595122.43	4172141.44	1.16898	CSCO-IDL
595142.43	4172141.44	1.15219	CSCO-IDL
595082.43	4172161.44	1.30115	CSCO-IDL
595102.43	4172161.44	1.3033	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595122.43	4172161.44	1.29715	CSCO-IDL
595142.43	4172161.44	1.28516	CSCO-IDL
595082.43	4172181.44	1.42504	CSCO-IDL
595102.43	4172181.44	1.43513	CSCO-IDL
595122.43	4172181.44	1.43807	CSCO-IDL
595142.43	4172181.44	1.4332	CSCO-IDL
595062.43	4172201.44	1.53006	CSCO-IDL
595082.43	4172201.44	1.55672	CSCO-IDL
595102.43	4172201.44	1.57817	CSCO-IDL
595122.43	4172201.44	1.5915	CSCO-IDL
595142.43	4172201.44	1.59693	CSCO-IDL
595162.43	4172201.44	1.59254	CSCO-IDL
595062.43	4172221.44	1.6556	CSCO-IDL
595082.43	4172221.44	1.69556	CSCO-IDL
595102.43	4172221.44	1.7309	CSCO-IDL
595122.43	4172221.44	1.7571	CSCO-IDL
595142.43	4172221.44	1.7755	CSCO-IDL
595162.43	4172221.44	1.78348	CSCO-IDL
595062.43	4172241.44	1.78389	CSCO-IDL
595082.43	4172241.44	1.84032	CSCO-IDL
595102.43	4172241.44	1.8909	CSCO-IDL
595122.43	4172241.44	1.93469	CSCO-IDL
595142.43	4172241.44	1.97206	CSCO-IDL
595162.43	4172241.44	1.99925	CSCO-IDL
595062.43	4172261.44	1.91114	CSCO-IDL
595082.43	4172261.44	1.98779	CSCO-IDL
595102.43	4172261.44	2.05504	CSCO-IDL
595122.43	4172261.44	2.12049	CSCO-IDL
595142.43	4172261.44	2.1816	CSCO-IDL
595042.43	4172281.44	1.93048	CSCO-IDL
595062.43	4172281.44	2.02922	CSCO-IDL
595082.43	4172281.44	2.128	CSCO-IDL
595102.43	4172281.44	2.21735	CSCO-IDL
595122.43	4172281.44	2.31462	CSCO-IDL
595142.43	4172281.44	2.40026	CSCO-IDL
595162.43	4172281.44	2.4755	CSCO-IDL
595042.43	4172301.44	2.01203	CSCO-IDL
595062.43	4172301.44	2.13275	CSCO-IDL
595082.43	4172301.44	2.25353	CSCO-IDL
595102.43	4172301.44	2.37337	CSCO-IDL
595122.43	4172301.44	2.49872	CSCO-IDL
595142.43	4172301.44	2.61919	CSCO-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595162.43	4172301.44	2.73273	CSCO-IDL
595042.43	4172321.44	2.07408	CSCO-IDL
595062.43	4172321.44	2.21584	CSCO-IDL
595082.43	4172321.44	2.35317	CSCO-IDL
595102.43	4172321.44	2.50927	CSCO-IDL
595122.43	4172321.44	2.66735	CSCO-IDL
595142.43	4172321.44	2.83003	CSCO-IDL
595162.43	4172321.44	2.98693	CSCO-IDL
595022.43	4172341.44	1.9617	CSCO-IDL
595042.43	4172341.44	2.11067	CSCO-IDL
595062.43	4172341.44	2.27066	CSCO-IDL
595082.43	4172341.44	2.4403	CSCO-IDL
595102.43	4172341.44	2.62005	CSCO-IDL
595122.43	4172341.44	2.80986	CSCO-IDL
595142.43	4172341.44	3.01607	CSCO-IDL
595162.43	4172341.44	3.22404	CSCO-IDL
595509.2	4172311.1	2.0869	CSCO-IDL
595453.66	4172369.33	4.07593	CSCO-IDL
595568.33	4173021.18	0.78129	CSCO-IDL
595515	4172097	0.56955	CSCO-IDL
595271.59	4172931.11	0.49529	CSCO-IDL
595259.54	4172956.67	0.44564	CSCO-IDL
595229.53	4172979.48	0.38566	CSCO-IDL
595158.78	4172948.61	0.35652	CSCO-IDL
595424.36	4172061.47	0.50977	CSCO-IDL
595637.78	4172033.56	0.4525	CSCO-IDL
595497.98	4172569.45	93.29464	CSCO-IDL
595440.32	4172695.89	3.32531	CSCO-IDL
595531.7	4172736.24	3.94775	CSCO-IDL
595503.43	4172797.49	2.12783	CSCO-IDL
595293.61	4172706.67	1.27905	CSCO-IDL
595216.89	4172907.31	0.45396	CSCO-IDL
595554	4171743	0.19865	GSTRKIDL
595574	4171743	0.20027	GSTRKIDL
595594	4171743	0.20077	GSTRKIDL
595614	4171743	0.20233	GSTRKIDL
595634	4171743	0.20361	GSTRKIDL
595654	4171743	0.20445	GSTRKIDL
595674	4171743	0.20589	GSTRKIDL
595694	4171743	0.20834	GSTRKIDL
595714	4171743	0.20949	GSTRKIDL
595534	4171763	0.20631	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4171763	0.20657	GSTRKIDL
595574	4171763	0.20806	GSTRKIDL
595594	4171763	0.20891	GSTRKIDL
595614	4171763	0.21085	GSTRKIDL
595634	4171763	0.21214	GSTRKIDL
595654	4171763	0.21302	GSTRKIDL
595674	4171763	0.21466	GSTRKIDL
595694	4171763	0.21667	GSTRKIDL
595714	4171763	0.21877	GSTRKIDL
595734	4171763	0.22176	GSTRKIDL
595754	4171763	0.22451	GSTRKIDL
595774	4171763	0.22739	GSTRKIDL
595314	4171783	0.21238	GSTRKIDL
595334	4171783	0.21189	GSTRKIDL
595534	4171783	0.21402	GSTRKIDL
595554	4171783	0.21514	GSTRKIDL
595574	4171783	0.21648	GSTRKIDL
595594	4171783	0.2175	GSTRKIDL
595614	4171783	0.21884	GSTRKIDL
595634	4171783	0.22117	GSTRKIDL
595654	4171783	0.22233	GSTRKIDL
595674	4171783	0.22424	GSTRKIDL
595694	4171783	0.22598	GSTRKIDL
595714	4171783	0.22924	GSTRKIDL
595734	4171783	0.23197	GSTRKIDL
595754	4171783	0.23481	GSTRKIDL
595774	4171783	0.23831	GSTRKIDL
595794	4171783	0.2421	GSTRKIDL
595274	4171803	0.22264	GSTRKIDL
595294	4171803	0.22172	GSTRKIDL
595314	4171803	0.22103	GSTRKIDL
595334	4171803	0.22034	GSTRKIDL
595534	4171803	0.22281	GSTRKIDL
595554	4171803	0.22398	GSTRKIDL
595574	4171803	0.22588	GSTRKIDL
595594	4171803	0.22731	GSTRKIDL
595614	4171803	0.2289	GSTRKIDL
595634	4171803	0.23078	GSTRKIDL
595654	4171803	0.23215	GSTRKIDL
595674	4171803	0.23403	GSTRKIDL
595694	4171803	0.23628	GSTRKIDL
595714	4171803	0.23956	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4171803	0.24296	GSTRKIDL
595754	4171803	0.24593	GSTRKIDL
595774	4171803	0.25012	GSTRKIDL
595794	4171803	0.25441	GSTRKIDL
595814	4171803	0.25918	GSTRKIDL
595254	4171823	0.23271	GSTRKIDL
595274	4171823	0.23166	GSTRKIDL
595294	4171823	0.23078	GSTRKIDL
595314	4171823	0.23019	GSTRKIDL
595334	4171823	0.22955	GSTRKIDL
595514	4171823	0.23196	GSTRKIDL
595534	4171823	0.23228	GSTRKIDL
595554	4171823	0.23377	GSTRKIDL
595574	4171823	0.23482	GSTRKIDL
595594	4171823	0.23648	GSTRKIDL
595614	4171823	0.23884	GSTRKIDL
595634	4171823	0.2407	GSTRKIDL
595654	4171823	0.24286	GSTRKIDL
595674	4171823	0.24561	GSTRKIDL
595694	4171823	0.24746	GSTRKIDL
595714	4171823	0.25113	GSTRKIDL
595734	4171823	0.25489	GSTRKIDL
595754	4171823	0.2586	GSTRKIDL
595774	4171823	0.26299	GSTRKIDL
595794	4171823	0.26782	GSTRKIDL
595814	4171823	0.27319	GSTRKIDL
595834	4171823	0.27916	GSTRKIDL
595854	4171823	0.2854	GSTRKIDL
595234	4171843	0.244	GSTRKIDL
595254	4171843	0.24282	GSTRKIDL
595274	4171843	0.24183	GSTRKIDL
595294	4171843	0.24087	GSTRKIDL
595314	4171843	0.23995	GSTRKIDL
595334	4171843	0.23938	GSTRKIDL
595514	4171843	0.24167	GSTRKIDL
595534	4171843	0.24244	GSTRKIDL
595554	4171843	0.24386	GSTRKIDL
595574	4171843	0.24629	GSTRKIDL
595594	4171843	0.24714	GSTRKIDL
595614	4171843	0.24979	GSTRKIDL
595634	4171843	0.25185	GSTRKIDL
595654	4171843	0.25428	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4171843	0.25667	GSTRKIDL
595694	4171843	0.2599	GSTRKIDL
595714	4171843	0.26386	GSTRKIDL
595734	4171843	0.26779	GSTRKIDL
595754	4171843	0.27225	GSTRKIDL
595774	4171843	0.27707	GSTRKIDL
595794	4171843	0.28255	GSTRKIDL
595814	4171843	0.28854	GSTRKIDL
595854	4171843	0.30188	GSTRKIDL
595874	4171843	0.30907	GSTRKIDL
595214	4171863	0.25557	GSTRKIDL
595234	4171863	0.25456	GSTRKIDL
595254	4171863	0.25358	GSTRKIDL
595274	4171863	0.25238	GSTRKIDL
595294	4171863	0.25154	GSTRKIDL
595314	4171863	0.2505	GSTRKIDL
595334	4171863	0.24988	GSTRKIDL
595514	4171863	0.2521	GSTRKIDL
595534	4171863	0.25334	GSTRKIDL
595554	4171863	0.2549	GSTRKIDL
595574	4171863	0.25657	GSTRKIDL
595594	4171863	0.25842	GSTRKIDL
595614	4171863	0.26048	GSTRKIDL
595634	4171863	0.26364	GSTRKIDL
595654	4171863	0.26663	GSTRKIDL
595674	4171863	0.26897	GSTRKIDL
595694	4171863	0.27355	GSTRKIDL
595714	4171863	0.27755	GSTRKIDL
595734	4171863	0.28185	GSTRKIDL
595754	4171863	0.28704	GSTRKIDL
595774	4171863	0.29279	GSTRKIDL
595794	4171863	0.29908	GSTRKIDL
595814	4171863	0.30576	GSTRKIDL
595834	4171863	0.31261	GSTRKIDL
595854	4171863	0.31982	GSTRKIDL
595874	4171863	0.32729	GSTRKIDL
595894	4171863	0.33478	GSTRKIDL
595194	4171883	0.26863	GSTRKIDL
595214	4171883	0.26755	GSTRKIDL
595234	4171883	0.26628	GSTRKIDL
595254	4171883	0.26491	GSTRKIDL
595274	4171883	0.26365	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595294	4171883	0.26267	GSTRKIDL
595314	4171883	0.26165	GSTRKIDL
595514	4171883	0.26388	GSTRKIDL
595534	4171883	0.26542	GSTRKIDL
595554	4171883	0.26691	GSTRKIDL
595574	4171883	0.26854	GSTRKIDL
595594	4171883	0.27066	GSTRKIDL
595614	4171883	0.27299	GSTRKIDL
595634	4171883	0.27573	GSTRKIDL
595654	4171883	0.27956	GSTRKIDL
595674	4171883	0.28266	GSTRKIDL
595694	4171883	0.28787	GSTRKIDL
595714	4171883	0.29245	GSTRKIDL
595734	4171883	0.29756	GSTRKIDL
595754	4171883	0.3032	GSTRKIDL
595774	4171883	0.30969	GSTRKIDL
595794	4171883	0.3164	GSTRKIDL
595814	4171883	0.32411	GSTRKIDL
595834	4171883	0.33175	GSTRKIDL
595854	4171883	0.33958	GSTRKIDL
595874	4171883	0.34761	GSTRKIDL
595894	4171883	0.35552	GSTRKIDL
595174	4171903	0.28233	GSTRKIDL
595194	4171903	0.28119	GSTRKIDL
595214	4171903	0.27971	GSTRKIDL
595234	4171903	0.27852	GSTRKIDL
595254	4171903	0.27725	GSTRKIDL
595274	4171903	0.27592	GSTRKIDL
595294	4171903	0.27474	GSTRKIDL
595314	4171903	0.27387	GSTRKIDL
595514	4171903	0.27606	GSTRKIDL
595534	4171903	0.27758	GSTRKIDL
595554	4171903	0.27958	GSTRKIDL
595574	4171903	0.28198	GSTRKIDL
595594	4171903	0.28432	GSTRKIDL
595614	4171903	0.287	GSTRKIDL
595634	4171903	0.28971	GSTRKIDL
595654	4171903	0.29362	GSTRKIDL
595674	4171903	0.29775	GSTRKIDL
595694	4171903	0.30273	GSTRKIDL
595714	4171903	0.30832	GSTRKIDL
595734	4171903	0.31461	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4171903	0.32121	GSTRKIDL
595774	4171903	0.32833	GSTRKIDL
595794	4171903	0.33604	GSTRKIDL
595814	4171903	0.34421	GSTRKIDL
595834	4171903	0.35259	GSTRKIDL
595854	4171903	0.36117	GSTRKIDL
595874	4171903	0.36968	GSTRKIDL
595894	4171903	0.37791	GSTRKIDL
595914	4171903	0.38548	GSTRKIDL
595174	4171923	0.29562	GSTRKIDL
595194	4171923	0.29441	GSTRKIDL
595214	4171923	0.29325	GSTRKIDL
595234	4171923	0.2918	GSTRKIDL
595254	4171923	0.29045	GSTRKIDL
595274	4171923	0.28926	GSTRKIDL
595294	4171923	0.28771	GSTRKIDL
595534	4171923	0.29132	GSTRKIDL
595554	4171923	0.29342	GSTRKIDL
595574	4171923	0.29589	GSTRKIDL
595594	4171923	0.29869	GSTRKIDL
595614	4171923	0.3019	GSTRKIDL
595634	4171923	0.30543	GSTRKIDL
595654	4171923	0.30939	GSTRKIDL
595674	4171923	0.31422	GSTRKIDL
595694	4171923	0.31952	GSTRKIDL
595714	4171923	0.32658	GSTRKIDL
595734	4171923	0.33309	GSTRKIDL
595754	4171923	0.34058	GSTRKIDL
595774	4171923	0.3487	GSTRKIDL
595794	4171923	0.35731	GSTRKIDL
595814	4171923	0.36623	GSTRKIDL
595834	4171923	0.37515	GSTRKIDL
595854	4171923	0.38446	GSTRKIDL
595874	4171923	0.39338	GSTRKIDL
595894	4171923	0.40201	GSTRKIDL
595914	4171923	0.41013	GSTRKIDL
595154	4171943	0.31151	GSTRKIDL
595174	4171943	0.31015	GSTRKIDL
595194	4171943	0.30896	GSTRKIDL
595214	4171943	0.30739	GSTRKIDL
595234	4171943	0.30593	GSTRKIDL
595254	4171943	0.30474	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595274	4171943	0.30326	GSTRKIDL
595294	4171943	0.30194	GSTRKIDL
595534	4171943	0.30632	GSTRKIDL
595554	4171943	0.30849	GSTRKIDL
595574	4171943	0.31125	GSTRKIDL
595594	4171943	0.31434	GSTRKIDL
595614	4171943	0.31793	GSTRKIDL
595634	4171943	0.32204	GSTRKIDL
595654	4171943	0.32671	GSTRKIDL
595674	4171943	0.33223	GSTRKIDL
595694	4171943	0.33842	GSTRKIDL
595714	4171943	0.34546	GSTRKIDL
595734	4171943	0.35284	GSTRKIDL
595754	4171943	0.36188	GSTRKIDL
595774	4171943	0.37137	GSTRKIDL
595794	4171943	0.38034	GSTRKIDL
595814	4171943	0.3902	GSTRKIDL
595834	4171943	0.4001	GSTRKIDL
595854	4171943	0.40983	GSTRKIDL
595874	4171943	0.41896	GSTRKIDL
595894	4171943	0.42756	GSTRKIDL
595914	4171943	0.43573	GSTRKIDL
595934	4171943	0.44316	GSTRKIDL
595154	4171963	0.32704	GSTRKIDL
595174	4171963	0.32574	GSTRKIDL
595194	4171963	0.32431	GSTRKIDL
595214	4171963	0.32291	GSTRKIDL
595234	4171963	0.32113	GSTRKIDL
595254	4171963	0.32025	GSTRKIDL
595274	4171963	0.31875	GSTRKIDL
595554	4171963	0.32501	GSTRKIDL
595574	4171963	0.328	GSTRKIDL
595594	4171963	0.33158	GSTRKIDL
595614	4171963	0.33563	GSTRKIDL
595634	4171963	0.34043	GSTRKIDL
595654	4171963	0.3457	GSTRKIDL
595674	4171963	0.35189	GSTRKIDL
595694	4171963	0.35922	GSTRKIDL
595714	4171963	0.36687	GSTRKIDL
595734	4171963	0.37543	GSTRKIDL
595754	4171963	0.38509	GSTRKIDL
595774	4171963	0.3951	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4171963	0.40565	GSTRKIDL
595814	4171963	0.4162	GSTRKIDL
595834	4171963	0.42698	GSTRKIDL
595854	4171963	0.43746	GSTRKIDL
595874	4171963	0.44638	GSTRKIDL
595894	4171963	0.45568	GSTRKIDL
595914	4171963	0.46412	GSTRKIDL
595934	4171963	0.47123	GSTRKIDL
595154	4171983	0.34406	GSTRKIDL
595174	4171983	0.34242	GSTRKIDL
595194	4171983	0.34114	GSTRKIDL
595214	4171983	0.33972	GSTRKIDL
595234	4171983	0.33829	GSTRKIDL
595254	4171983	0.33605	GSTRKIDL
595574	4171983	0.34639	GSTRKIDL
595754	4172023	0.47278	GSTRKIDL
595774	4172023	0.48574	GSTRKIDL
595794	4172023	0.49948	GSTRKIDL
595814	4172023	0.51202	GSTRKIDL
595834	4172023	0.52307	GSTRKIDL
595714	4172043	0.48077	GSTRKIDL
595734	4172043	0.49566	GSTRKIDL
595754	4172043	0.51082	GSTRKIDL
595774	4172043	0.5248	GSTRKIDL
595794	4172043	0.5384	GSTRKIDL
595814	4172043	0.55139	GSTRKIDL
595834	4172043	0.56335	GSTRKIDL
595854	4172043	0.57414	GSTRKIDL
595874	4172043	0.58363	GSTRKIDL
595894	4172043	0.59176	GSTRKIDL
595914	4172043	0.59853	GSTRKIDL
595934	4172043	0.60289	GSTRKIDL
595714	4172063	0.51776	GSTRKIDL
595734	4172063	0.53575	GSTRKIDL
595754	4172063	0.55097	GSTRKIDL
595774	4172063	0.56583	GSTRKIDL
595794	4172063	0.58009	GSTRKIDL
595814	4172063	0.59335	GSTRKIDL
595834	4172063	0.60532	GSTRKIDL
595854	4172063	0.61586	GSTRKIDL
595874	4172063	0.6249	GSTRKIDL
595894	4172063	0.63242	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595914	4172063	0.63844	GSTRKIDL
595934	4172063	0.64306	GSTRKIDL
595714	4172083	0.55944	GSTRKIDL
595734	4172083	0.57925	GSTRKIDL
595754	4172083	0.59559	GSTRKIDL
595774	4172083	0.61127	GSTRKIDL
595794	4172083	0.62593	GSTRKIDL
595814	4172083	0.63923	GSTRKIDL
595834	4172083	0.65098	GSTRKIDL
595854	4172083	0.66106	GSTRKIDL
595874	4172083	0.66943	GSTRKIDL
595894	4172083	0.67613	GSTRKIDL
595914	4172083	0.68124	GSTRKIDL
595934	4172083	0.68486	GSTRKIDL
595114	4172103	0.50085	GSTRKIDL
595134	4172103	0.4935	GSTRKIDL
595714	4172103	0.60651	GSTRKIDL
595734	4172103	0.6278	GSTRKIDL
595754	4172103	0.64513	GSTRKIDL
595774	4172103	0.6614	GSTRKIDL
595794	4172103	0.67623	GSTRKIDL
595814	4172103	0.68936	GSTRKIDL
595834	4172103	0.70062	GSTRKIDL
595854	4172103	0.70998	GSTRKIDL
595874	4172103	0.71745	GSTRKIDL
595894	4172103	0.72312	GSTRKIDL
595914	4172103	0.72709	GSTRKIDL
595934	4172103	0.72952	GSTRKIDL
595094	4172123	0.54833	GSTRKIDL
595114	4172123	0.53689	GSTRKIDL
595134	4172123	0.52792	GSTRKIDL
595694	4172123	0.63879	GSTRKIDL
595714	4172123	0.66061	GSTRKIDL
595734	4172123	0.68199	GSTRKIDL
595754	4172123	0.70011	GSTRKIDL
595774	4172123	0.71669	GSTRKIDL
595794	4172123	0.73141	GSTRKIDL
595814	4172123	0.74406	GSTRKIDL
595834	4172123	0.75455	GSTRKIDL
595854	4172123	0.76291	GSTRKIDL
595874	4172123	0.76922	GSTRKIDL
595894	4172123	0.7736	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595914	4172123	0.77622	GSTRKIDL
595934	4172123	0.77722	GSTRKIDL
595094	4172143	0.59151	GSTRKIDL
595114	4172143	0.57791	GSTRKIDL
595134	4172143	0.56696	GSTRKIDL
595694	4172143	0.69748	GSTRKIDL
595714	4172143	0.72224	GSTRKIDL
595734	4172143	0.74246	GSTRKIDL
595754	4172143	0.76106	GSTRKIDL
595774	4172143	0.77763	GSTRKIDL
595794	4172143	0.79189	GSTRKIDL
595814	4172143	0.80371	GSTRKIDL
595834	4172143	0.8131	GSTRKIDL
595854	4172143	0.82015	GSTRKIDL
595874	4172143	0.825	GSTRKIDL
595894	4172143	0.82782	GSTRKIDL
595914	4172143	0.82881	GSTRKIDL
595934	4172143	0.82814	GSTRKIDL
595094	4172163	0.64091	GSTRKIDL
595114	4172163	0.62501	GSTRKIDL
595134	4172163	0.61154	GSTRKIDL
595154	4172163	0.60181	GSTRKIDL
595614	4172163	0.66883	GSTRKIDL
595634	4172163	0.69098	GSTRKIDL
595654	4172163	0.71466	GSTRKIDL
595674	4172163	0.74269	GSTRKIDL
595694	4172163	0.76632	GSTRKIDL
595714	4172163	0.78895	GSTRKIDL
595734	4172163	0.80988	GSTRKIDL
595754	4172163	0.82858	GSTRKIDL
595774	4172163	0.84473	GSTRKIDL
595794	4172163	0.85811	GSTRKIDL
595814	4172163	0.86871	GSTRKIDL
595834	4172163	0.87663	GSTRKIDL
595854	4172163	0.88201	GSTRKIDL
595874	4172163	0.88507	GSTRKIDL
595894	4172163	0.88601	GSTRKIDL
595914	4172163	0.88507	GSTRKIDL
595074	4172183	0.71743	GSTRKIDL
595094	4172183	0.69675	GSTRKIDL
595114	4172183	0.67817	GSTRKIDL
595134	4172183	0.66224	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595154	4172183	0.64917	GSTRKIDL
595614	4172183	0.73494	GSTRKIDL
595634	4172183	0.75814	GSTRKIDL
595654	4172183	0.78851	GSTRKIDL
595674	4172183	0.81475	GSTRKIDL
595694	4172183	0.84013	GSTRKIDL
595714	4172183	0.86377	GSTRKIDL
595734	4172183	0.88498	GSTRKIDL
595754	4172183	0.90332	GSTRKIDL
595774	4172183	0.91854	GSTRKIDL
595794	4172183	0.93057	GSTRKIDL
595814	4172183	0.93949	GSTRKIDL
595834	4172183	0.94549	GSTRKIDL
595854	4172183	0.9488	GSTRKIDL
595874	4172183	0.94968	GSTRKIDL
595894	4172183	0.94838	GSTRKIDL
595914	4172183	0.94514	GSTRKIDL
595074	4172203	0.78491	GSTRKIDL
595094	4172203	0.76102	GSTRKIDL
595114	4172203	0.7389	GSTRKIDL
595134	4172203	0.71981	GSTRKIDL
595154	4172203	0.7038	GSTRKIDL
595594	4172203	0.77685	GSTRKIDL
595614	4172203	0.81018	GSTRKIDL
595634	4172203	0.83737	GSTRKIDL
595654	4172203	0.86814	GSTRKIDL
595674	4172203	0.89666	GSTRKIDL
595694	4172203	0.92345	GSTRKIDL
595714	4172203	0.94762	GSTRKIDL
595734	4172203	0.96856	GSTRKIDL
595754	4172203	0.98595	GSTRKIDL
595774	4172203	0.99966	GSTRKIDL
595794	4172203	1.00978	GSTRKIDL
595814	4172203	1.01649	GSTRKIDL
595834	4172203	1.02007	GSTRKIDL
595854	4172203	1.0208	GSTRKIDL
595874	4172203	1.0191	GSTRKIDL
595894	4172203	1.01511	GSTRKIDL
595914	4172203	1.00913	GSTRKIDL
595074	4172223	0.86223	GSTRKIDL
595094	4172223	0.8356	GSTRKIDL
595114	4172223	0.80876	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595134	4172223	0.78596	GSTRKIDL
595154	4172223	0.76596	GSTRKIDL
595594	4172223	0.85533	GSTRKIDL
595614	4172223	0.88786	GSTRKIDL
595634	4172223	0.92715	GSTRKIDL
595654	4172223	0.95936	GSTRKIDL
595674	4172223	0.98981	GSTRKIDL
595694	4172223	1.01746	GSTRKIDL
595714	4172223	1.04151	GSTRKIDL
595734	4172223	1.06146	GSTRKIDL
595754	4172223	1.07719	GSTRKIDL
595774	4172223	1.08872	GSTRKIDL
595794	4172223	1.09627	GSTRKIDL
595814	4172223	1.10018	GSTRKIDL
595834	4172223	1.10076	GSTRKIDL
595854	4172223	1.09843	GSTRKIDL
595874	4172223	1.09353	GSTRKIDL
595894	4172223	1.08631	GSTRKIDL
595054	4172243	0.98538	GSTRKIDL
595074	4172243	0.95262	GSTRKIDL
595094	4172243	0.92158	GSTRKIDL
595114	4172243	0.88993	GSTRKIDL
595134	4172243	0.8626	GSTRKIDL
595154	4172243	0.83997	GSTRKIDL
595594	4172243	0.95065	GSTRKIDL
595614	4172243	0.98261	GSTRKIDL
595634	4172243	1.02898	GSTRKIDL
595654	4172243	1.06389	GSTRKIDL
595674	4172243	1.09567	GSTRKIDL
595694	4172243	1.12344	GSTRKIDL
595714	4172243	1.14651	GSTRKIDL
595734	4172243	1.16462	GSTRKIDL
595754	4172243	1.17784	GSTRKIDL
595774	4172243	1.18638	GSTRKIDL
595794	4172243	1.19062	GSTRKIDL
595814	4172243	1.19096	GSTRKIDL
595834	4172243	1.18783	GSTRKIDL
595854	4172243	1.18181	GSTRKIDL
595874	4172243	1.17306	GSTRKIDL
595894	4172243	1.162	GSTRKIDL
595054	4172263	1.09535	GSTRKIDL
595074	4172263	1.05907	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595094	4172263	1.02235	GSTRKIDL
595114	4172263	0.98409	GSTRKIDL
595134	4172263	0.95414	GSTRKIDL
595154	4172263	0.92505	GSTRKIDL
595594	4172263	1.06348	GSTRKIDL
595614	4172263	1.09999	GSTRKIDL
595634	4172263	1.14671	GSTRKIDL
595654	4172263	1.18363	GSTRKIDL
595674	4172263	1.2159	GSTRKIDL
595694	4172263	1.24275	GSTRKIDL
595714	4172263	1.26379	GSTRKIDL
595734	4172263	1.27901	GSTRKIDL
595754	4172263	1.28871	GSTRKIDL
595774	4172263	1.29331	GSTRKIDL
595794	4172263	1.29329	GSTRKIDL
595814	4172263	1.28921	GSTRKIDL
595834	4172263	1.28159	GSTRKIDL
595854	4172263	1.27106	GSTRKIDL
595874	4172263	1.25772	GSTRKIDL
595894	4172263	1.24209	GSTRKIDL
595054	4172283	1.22241	GSTRKIDL
595074	4172283	1.18238	GSTRKIDL
595094	4172283	1.1382	GSTRKIDL
595114	4172283	1.0965	GSTRKIDL
595134	4172283	1.05975	GSTRKIDL
595154	4172283	1.02364	GSTRKIDL
595174	4172283	0.99452	GSTRKIDL
595574	4172283	1.13707	GSTRKIDL
595594	4172283	1.19086	GSTRKIDL
595614	4172283	1.24052	GSTRKIDL
595634	4172283	1.28285	GSTRKIDL
595654	4172283	1.32069	GSTRKIDL
595674	4172283	1.35227	GSTRKIDL
595694	4172283	1.37689	GSTRKIDL
595714	4172283	1.39458	GSTRKIDL
595734	4172283	1.40565	GSTRKIDL
595754	4172283	1.41063	GSTRKIDL
595774	4172283	1.41014	GSTRKIDL
595794	4172283	1.40479	GSTRKIDL
595814	4172283	1.39522	GSTRKIDL
595834	4172283	1.38212	GSTRKIDL
595854	4172283	1.36616	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4172283	1.34736	GSTRKIDL
595894	4172283	1.32634	GSTRKIDL
595034	4172303	1.4107	GSTRKIDL
595054	4172303	1.37084	GSTRKIDL
595074	4172303	1.32668	GSTRKIDL
595094	4172303	1.27478	GSTRKIDL
595114	4172303	1.23098	GSTRKIDL
595134	4172303	1.18402	GSTRKIDL
595154	4172303	1.14127	GSTRKIDL
595174	4172303	1.10482	GSTRKIDL
595574	4172303	1.28028	GSTRKIDL
595594	4172303	1.33421	GSTRKIDL
595614	4172303	1.39543	GSTRKIDL
595634	4172303	1.44007	GSTRKIDL
595654	4172303	1.47747	GSTRKIDL
595674	4172303	1.50668	GSTRKIDL
595694	4172303	1.52744	GSTRKIDL
595714	4172303	1.54017	GSTRKIDL
595734	4172303	1.54555	GSTRKIDL
595754	4172303	1.54437	GSTRKIDL
595774	4172303	1.53735	GSTRKIDL
595794	4172303	1.52539	GSTRKIDL
595814	4172303	1.50908	GSTRKIDL
595834	4172303	1.48939	GSTRKIDL
595854	4172303	1.46691	GSTRKIDL
595874	4172303	1.44165	GSTRKIDL
595034	4172323	1.58368	GSTRKIDL
595054	4172323	1.54386	GSTRKIDL
595074	4172323	1.49502	GSTRKIDL
595094	4172323	1.43872	GSTRKIDL
595114	4172323	1.38559	GSTRKIDL
595134	4172323	1.33318	GSTRKIDL
595154	4172323	1.28199	GSTRKIDL
595174	4172323	1.23665	GSTRKIDL
595574	4172323	1.45466	GSTRKIDL
595594	4172323	1.50731	GSTRKIDL
595614	4172323	1.57587	GSTRKIDL
595634	4172323	1.62085	GSTRKIDL
595654	4172323	1.65608	GSTRKIDL
595674	4172323	1.68114	GSTRKIDL
595694	4172323	1.69605	GSTRKIDL
595714	4172323	1.70184	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172323	1.69967	GSTRKIDL
595754	4172323	1.69055	GSTRKIDL
595774	4172323	1.67534	GSTRKIDL
595794	4172323	1.65514	GSTRKIDL
595814	4172323	1.63084	GSTRKIDL
595834	4172323	1.60317	GSTRKIDL
595854	4172323	1.57287	GSTRKIDL
595874	4172323	1.54004	GSTRKIDL
595034	4172343	1.78192	GSTRKIDL
595054	4172343	1.74406	GSTRKIDL
595074	4172343	1.69648	GSTRKIDL
595094	4172343	1.63993	GSTRKIDL
595114	4172343	1.57597	GSTRKIDL
595134	4172343	1.51266	GSTRKIDL
595154	4172343	1.45228	GSTRKIDL
595574	4172343	1.66719	GSTRKIDL
595594	4172343	1.72496	GSTRKIDL
595614	4172343	1.78689	GSTRKIDL
595634	4172343	1.82837	GSTRKIDL
595654	4172343	1.858	GSTRKIDL
595674	4172343	1.87594	GSTRKIDL
595694	4172343	1.88307	GSTRKIDL
595714	4172343	1.88028	GSTRKIDL
595734	4172343	1.86847	GSTRKIDL
595754	4172343	1.84933	GSTRKIDL
595774	4172343	1.82413	GSTRKIDL
595794	4172343	1.794	GSTRKIDL
595814	4172343	1.75996	GSTRKIDL
595834	4172343	1.72297	GSTRKIDL
595854	4172343	1.68334	GSTRKIDL
595874	4172343	1.6418	GSTRKIDL
595554	4172363	1.8264	GSTRKIDL
595574	4172363	1.91205	GSTRKIDL
595594	4172363	1.98527	GSTRKIDL
595614	4172363	2.03723	GSTRKIDL
595634	4172363	2.07215	GSTRKIDL
595654	4172363	2.0914	GSTRKIDL
595674	4172363	2.09716	GSTRKIDL
595694	4172363	2.09134	GSTRKIDL
595714	4172363	2.07546	GSTRKIDL
595734	4172363	2.05108	GSTRKIDL
595754	4172363	2.01995	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172363	1.98286	GSTRKIDL
595794	4172363	1.94124	GSTRKIDL
595814	4172363	1.89555	GSTRKIDL
595834	4172363	1.84756	GSTRKIDL
595854	4172363	1.79735	GSTRKIDL
595874	4172363	1.74594	GSTRKIDL
595554	4172383	2.10778	GSTRKIDL
595574	4172383	2.19119	GSTRKIDL
595594	4172383	2.28094	GSTRKIDL
595614	4172383	2.32421	GSTRKIDL
595634	4172383	2.34844	GSTRKIDL
595654	4172383	2.35528	GSTRKIDL
595674	4172383	2.34683	GSTRKIDL
595694	4172383	2.3255	GSTRKIDL
595714	4172383	2.29332	GSTRKIDL
595734	4172383	2.25177	GSTRKIDL
595754	4172383	2.2037	GSTRKIDL
595774	4172383	2.15091	GSTRKIDL
595794	4172383	2.09467	GSTRKIDL
595814	4172383	2.03568	GSTRKIDL
595834	4172383	1.97506	GSTRKIDL
595854	4172383	1.91357	GSTRKIDL
595554	4172403	2.47162	GSTRKIDL
595574	4172403	2.53537	GSTRKIDL
595594	4172403	2.62678	GSTRKIDL
595614	4172403	2.65556	GSTRKIDL
595634	4172403	2.66255	GSTRKIDL
595654	4172403	2.65044	GSTRKIDL
595674	4172403	2.62175	GSTRKIDL
595694	4172403	2.57953	GSTRKIDL
595714	4172403	2.52723	GSTRKIDL
595734	4172403	2.46682	GSTRKIDL
595754	4172403	2.40044	GSTRKIDL
595774	4172403	2.32983	GSTRKIDL
595794	4172403	2.25595	GSTRKIDL
595814	4172403	2.18036	GSTRKIDL
595834	4172403	2.10468	GSTRKIDL
595854	4172403	2.02949	GSTRKIDL
595074	4172423	2.9007	GSTRKIDL
595094	4172423	2.87061	GSTRKIDL
595554	4172423	2.92962	GSTRKIDL
595574	4172423	2.96529	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172423	3.02974	GSTRKIDL
595614	4172423	3.03639	GSTRKIDL
595634	4172423	3.01782	GSTRKIDL
595654	4172423	2.97917	GSTRKIDL
595674	4172423	2.92358	GSTRKIDL
595694	4172423	2.85563	GSTRKIDL
595714	4172423	2.77795	GSTRKIDL
595734	4172423	2.69336	GSTRKIDL
595754	4172423	2.60436	GSTRKIDL
595774	4172423	2.51278	GSTRKIDL
595794	4172423	2.42017	GSTRKIDL
595814	4172423	2.32765	GSTRKIDL
595834	4172423	2.23625	GSTRKIDL
595854	4172423	2.14675	GSTRKIDL
595074	4172443	3.32804	GSTRKIDL
595094	4172443	3.32645	GSTRKIDL
595114	4172443	3.29056	GSTRKIDL
595134	4172443	3.22097	GSTRKIDL
595534	4172443	3.32114	GSTRKIDL
595554	4172443	3.42518	GSTRKIDL
595574	4172443	3.48105	GSTRKIDL
595594	4172443	3.49823	GSTRKIDL
595614	4172443	3.47178	GSTRKIDL
595634	4172443	3.41847	GSTRKIDL
595654	4172443	3.34402	GSTRKIDL
595674	4172443	3.25366	GSTRKIDL
595694	4172443	3.15239	GSTRKIDL
595714	4172443	3.04338	GSTRKIDL
595734	4172443	2.92958	GSTRKIDL
595754	4172443	2.81419	GSTRKIDL
595774	4172443	2.69874	GSTRKIDL
595794	4172443	2.58464	GSTRKIDL
595814	4172443	2.47289	GSTRKIDL
595834	4172443	2.36461	GSTRKIDL
595854	4172443	2.2604	GSTRKIDL
595054	4172463	3.74843	GSTRKIDL
595074	4172463	3.81853	GSTRKIDL
595094	4172463	3.8573	GSTRKIDL
595114	4172463	3.85861	GSTRKIDL
595534	4172463	3.96601	GSTRKIDL
595554	4172463	4.01532	GSTRKIDL
595574	4172463	4.04586	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172463	4.03818	GSTRKIDL
595614	4172463	3.96546	GSTRKIDL
595634	4172463	3.86403	GSTRKIDL
595654	4172463	3.74275	GSTRKIDL
595674	4172463	3.60821	GSTRKIDL
595694	4172463	3.46584	GSTRKIDL
595714	4172463	3.31954	GSTRKIDL
595734	4172463	3.17196	GSTRKIDL
595754	4172463	3.02601	GSTRKIDL
595774	4172463	2.88396	GSTRKIDL
595794	4172463	2.7465	GSTRKIDL
595814	4172463	2.61414	GSTRKIDL
595834	4172463	2.48791	GSTRKIDL
595054	4172483	4.20448	GSTRKIDL
595074	4172483	4.36596	GSTRKIDL
595094	4172483	4.46938	GSTRKIDL
595114	4172483	4.53009	GSTRKIDL
595534	4172483	4.79436	GSTRKIDL
595554	4172483	4.76551	GSTRKIDL
595574	4172483	4.74401	GSTRKIDL
595594	4172483	4.65301	GSTRKIDL
595614	4172483	4.51221	GSTRKIDL
595634	4172483	4.35112	GSTRKIDL
595654	4172483	4.17054	GSTRKIDL
595674	4172483	3.9812	GSTRKIDL
595694	4172483	3.78996	GSTRKIDL
595714	4172483	3.60049	GSTRKIDL
595734	4172483	3.41537	GSTRKIDL
595754	4172483	3.23589	GSTRKIDL
595774	4172483	3.06407	GSTRKIDL
595794	4172483	2.90176	GSTRKIDL
595814	4172483	2.74817	GSTRKIDL
595834	4172483	2.60433	GSTRKIDL
595034	4172503	4.49922	GSTRKIDL
595054	4172503	4.72958	GSTRKIDL
595074	4172503	4.95466	GSTRKIDL
595094	4172503	5.15198	GSTRKIDL
595114	4172503	5.31311	GSTRKIDL
595534	4172503	5.8059	GSTRKIDL
595554	4172503	5.66966	GSTRKIDL
595574	4172503	5.54951	GSTRKIDL
595594	4172503	5.35154	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172503	5.12207	GSTRKIDL
595634	4172503	4.87626	GSTRKIDL
595654	4172503	4.6218	GSTRKIDL
595674	4172503	4.37341	GSTRKIDL
595694	4172503	4.11817	GSTRKIDL
595714	4172503	3.88015	GSTRKIDL
595734	4172503	3.6524	GSTRKIDL
595754	4172503	3.43888	GSTRKIDL
595774	4172503	3.2353	GSTRKIDL
595794	4172503	3.04612	GSTRKIDL
595814	4172503	2.87087	GSTRKIDL
595834	4172503	2.70902	GSTRKIDL
595034	4172523	4.89378	GSTRKIDL
595054	4172523	5.23904	GSTRKIDL
595074	4172523	5.57957	GSTRKIDL
595094	4172523	5.89004	GSTRKIDL
595514	4172523	7.10684	GSTRKIDL
595534	4172523	6.97068	GSTRKIDL
595554	4172523	6.74548	GSTRKIDL
595574	4172523	6.43517	GSTRKIDL
595594	4172523	6.04773	GSTRKIDL
595614	4172523	5.72965	GSTRKIDL
595634	4172523	5.4104	GSTRKIDL
595654	4172523	5.08533	GSTRKIDL
595674	4172523	4.74723	GSTRKIDL
595694	4172523	4.4463	GSTRKIDL
595714	4172523	4.15526	GSTRKIDL
595734	4172523	3.88217	GSTRKIDL
595754	4172523	3.62725	GSTRKIDL
595774	4172523	3.39236	GSTRKIDL
595794	4172523	3.17473	GSTRKIDL
595814	4172523	2.97867	GSTRKIDL
595834	4172523	2.7993	GSTRKIDL
595034	4172543	5.22128	GSTRKIDL
595054	4172543	5.6817	GSTRKIDL
595074	4172543	6.15773	GSTRKIDL
595094	4172543	6.64735	GSTRKIDL
595514	4172543	8.74136	GSTRKIDL
595534	4172543	8.35919	GSTRKIDL
595554	4172543	7.92866	GSTRKIDL
595574	4172543	7.33277	GSTRKIDL
595594	4172543	6.81555	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172543	6.33946	GSTRKIDL
595634	4172543	5.91492	GSTRKIDL
595654	4172543	5.49818	GSTRKIDL
595674	4172543	5.06	GSTRKIDL
595694	4172543	4.70078	GSTRKIDL
595714	4172543	4.37677	GSTRKIDL
595734	4172543	4.08405	GSTRKIDL
595754	4172543	3.79361	GSTRKIDL
595774	4172543	3.5368	GSTRKIDL
595794	4172543	3.28378	GSTRKIDL
595814	4172543	3.06765	GSTRKIDL
595014	4172563	4.94643	GSTRKIDL
595034	4172563	5.4525	GSTRKIDL
595054	4172563	6.01657	GSTRKIDL
595074	4172563	6.63432	GSTRKIDL
595094	4172563	7.31353	GSTRKIDL
595514	4172563	10.70849	GSTRKIDL
595534	4172563	9.97304	GSTRKIDL
595554	4172563	9.15649	GSTRKIDL
595574	4172563	8.28478	GSTRKIDL
595594	4172563	7.58403	GSTRKIDL
595614	4172563	6.96109	GSTRKIDL
595634	4172563	6.4684	GSTRKIDL
595654	4172563	5.875	GSTRKIDL
595674	4172563	5.37632	GSTRKIDL
595694	4172563	4.94396	GSTRKIDL
595714	4172563	4.55518	GSTRKIDL
595734	4172563	4.214	GSTRKIDL
595754	4172563	3.92889	GSTRKIDL
595774	4172563	3.64292	GSTRKIDL
595794	4172563	3.36697	GSTRKIDL
595814	4172563	3.13442	GSTRKIDL
595014	4172583	4.99446	GSTRKIDL
595034	4172583	5.55576	GSTRKIDL
595054	4172583	6.20872	GSTRKIDL
595074	4172583	6.95196	GSTRKIDL
595494	4172583	14.14881	GSTRKIDL
595514	4172583	12.89236	GSTRKIDL
595534	4172583	11.678	GSTRKIDL
595554	4172583	10.31287	GSTRKIDL
595574	4172583	9.22376	GSTRKIDL
595594	4172583	8.31901	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172583	7.56028	GSTRKIDL
595634	4172583	6.91055	GSTRKIDL
595654	4172583	6.19556	GSTRKIDL
595674	4172583	5.63857	GSTRKIDL
595694	4172583	5.14742	GSTRKIDL
595714	4172583	4.71308	GSTRKIDL
595734	4172583	4.34141	GSTRKIDL
595754	4172583	4.02175	GSTRKIDL
595774	4172583	3.69843	GSTRKIDL
595794	4172583	3.42345	GSTRKIDL
595814	4172583	3.1771	GSTRKIDL
595034	4172603	5.52977	GSTRKIDL
595054	4172603	6.23011	GSTRKIDL
595074	4172603	7.06419	GSTRKIDL
595494	4172603	17.29068	GSTRKIDL
595514	4172603	15.23807	GSTRKIDL
595534	4172603	13.33274	GSTRKIDL
595554	4172603	11.4703	GSTRKIDL
595574	4172603	10.05909	GSTRKIDL
595594	4172603	8.94739	GSTRKIDL
595614	4172603	8.07432	GSTRKIDL
595634	4172603	7.21519	GSTRKIDL
595654	4172603	6.4499	GSTRKIDL
595674	4172603	5.82811	GSTRKIDL
595694	4172603	5.2881	GSTRKIDL
595714	4172603	4.81685	GSTRKIDL
595734	4172603	4.43578	GSTRKIDL
595754	4172603	4.08135	GSTRKIDL
595774	4172603	3.73773	GSTRKIDL
595794	4172603	3.45057	GSTRKIDL
595474	4172623	24.15725	GSTRKIDL
595494	4172623	20.13267	GSTRKIDL
595514	4172623	17.33085	GSTRKIDL
595534	4172623	14.73196	GSTRKIDL
595554	4172623	12.67818	GSTRKIDL
595574	4172623	10.90353	GSTRKIDL
595594	4172623	9.48723	GSTRKIDL
595614	4172623	8.46221	GSTRKIDL
595634	4172623	7.44827	GSTRKIDL
595654	4172623	6.65077	GSTRKIDL
595674	4172623	5.95296	GSTRKIDL
595694	4172623	5.35813	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172623	4.86817	GSTRKIDL
595734	4172623	4.4741	GSTRKIDL
595754	4172623	4.08139	GSTRKIDL
595774	4172623	3.74182	GSTRKIDL
595794	4172623	3.44859	GSTRKIDL
595814	4172623	3.18998	GSTRKIDL
595474	4172643	28.2655	GSTRKIDL
595494	4172643	22.99586	GSTRKIDL
595514	4172643	18.77613	GSTRKIDL
595534	4172643	15.71233	GSTRKIDL
595554	4172643	13.3007	GSTRKIDL
595574	4172643	11.40828	GSTRKIDL
595594	4172643	9.86808	GSTRKIDL
595614	4172643	8.52426	GSTRKIDL
595634	4172643	7.46085	GSTRKIDL
595654	4172643	6.66956	GSTRKIDL
595674	4172643	5.98855	GSTRKIDL
595694	4172643	5.39574	GSTRKIDL
595714	4172643	4.88442	GSTRKIDL
595734	4172643	4.4463	GSTRKIDL
595754	4172643	4.04683	GSTRKIDL
595774	4172643	3.71351	GSTRKIDL
595794	4172643	3.41877	GSTRKIDL
595814	4172643	3.15822	GSTRKIDL
595474	4172663	30.57074	GSTRKIDL
595494	4172663	24.17393	GSTRKIDL
595514	4172663	19.40337	GSTRKIDL
595534	4172663	16.00366	GSTRKIDL
595554	4172663	13.41731	GSTRKIDL
595574	4172663	11.41739	GSTRKIDL
595594	4172663	9.82163	GSTRKIDL
595614	4172663	8.40897	GSTRKIDL
595634	4172663	7.37864	GSTRKIDL
595654	4172663	6.55781	GSTRKIDL
595674	4172663	5.85807	GSTRKIDL
595694	4172663	5.29321	GSTRKIDL
595714	4172663	4.81592	GSTRKIDL
595734	4172663	4.36961	GSTRKIDL
595754	4172663	3.97817	GSTRKIDL
595774	4172663	3.65069	GSTRKIDL
595794	4172663	3.35912	GSTRKIDL
595814	4172663	3.10179	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595454	4172683	40.45195	GSTRKIDL
595474	4172683	30.37725	GSTRKIDL
595494	4172683	23.66962	GSTRKIDL
595514	4172683	18.95161	GSTRKIDL
595534	4172683	15.57233	GSTRKIDL
595554	4172683	13.02808	GSTRKIDL
595574	4172683	11.06787	GSTRKIDL
595594	4172683	9.46676	GSTRKIDL
595614	4172683	8.14021	GSTRKIDL
595634	4172683	7.1734	GSTRKIDL
595654	4172683	6.37166	GSTRKIDL
595674	4172683	5.69299	GSTRKIDL
595694	4172683	5.15458	GSTRKIDL
595714	4172683	4.67304	GSTRKIDL
595734	4172683	4.24046	GSTRKIDL
595754	4172683	3.87708	GSTRKIDL
595774	4172683	3.55723	GSTRKIDL
595794	4172683	3.27398	GSTRKIDL
595814	4172683	3.02414	GSTRKIDL
595474	4172703	27.6785	GSTRKIDL
595494	4172703	21.76088	GSTRKIDL
595514	4172703	17.59619	GSTRKIDL
595534	4172703	14.53817	GSTRKIDL
595554	4172703	12.21875	GSTRKIDL
595574	4172703	10.42636	GSTRKIDL
595594	4172703	8.91775	GSTRKIDL
595614	4172703	7.74157	GSTRKIDL
595634	4172703	6.84207	GSTRKIDL
595654	4172703	6.08676	GSTRKIDL
595674	4172703	5.459	GSTRKIDL
595694	4172703	4.95804	GSTRKIDL
595714	4172703	4.49161	GSTRKIDL
595734	4172703	4.08304	GSTRKIDL
595754	4172703	3.73713	GSTRKIDL
595774	4172703	3.43168	GSTRKIDL
595794	4172703	3.16243	GSTRKIDL
595814	4172703	2.92457	GSTRKIDL
595834	4172703	2.71381	GSTRKIDL
595294	4172723	36.22253	GSTRKIDL
595314	4172723	62.90727	GSTRKIDL
595514	4172723	15.6895	GSTRKIDL
595534	4172723	13.09887	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172723	11.12212	GSTRKIDL
595574	4172723	9.58652	GSTRKIDL
595594	4172723	8.32071	GSTRKIDL
595614	4172723	7.2642	GSTRKIDL
595634	4172723	6.42186	GSTRKIDL
595654	4172723	5.73571	GSTRKIDL
595674	4172723	5.17996	GSTRKIDL
595694	4172723	4.70034	GSTRKIDL
595714	4172723	4.26677	GSTRKIDL
595734	4172723	3.89419	GSTRKIDL
595754	4172723	3.56977	GSTRKIDL
595774	4172723	3.2836	GSTRKIDL
595794	4172723	3.02348	GSTRKIDL
595814	4172723	2.80268	GSTRKIDL
595834	4172723	2.60665	GSTRKIDL
595294	4172743	23.51042	GSTRKIDL
595314	4172743	35.02513	GSTRKIDL
595334	4172743	55.89416	GSTRKIDL
595354	4172743	73.52429	GSTRKIDL
595374	4172743	67.77708	GSTRKIDL
595534	4172743	11.64148	GSTRKIDL
595554	4172743	9.98945	GSTRKIDL
595574	4172743	8.66129	GSTRKIDL
595594	4172743	7.60423	GSTRKIDL
595614	4172743	6.73646	GSTRKIDL
595634	4172743	6.00896	GSTRKIDL
595654	4172743	5.36717	GSTRKIDL
595674	4172743	4.86502	GSTRKIDL
595694	4172743	4.41164	GSTRKIDL
595714	4172743	4.02373	GSTRKIDL
595734	4172743	3.68427	GSTRKIDL
595754	4172743	3.38351	GSTRKIDL
595774	4172743	3.11221	GSTRKIDL
595794	4172743	2.8812	GSTRKIDL
595814	4172743	2.67711	GSTRKIDL
595834	4172743	2.49464	GSTRKIDL
595274	4172763	12.63482	GSTRKIDL
595294	4172763	16.66996	GSTRKIDL
595314	4172763	22.4231	GSTRKIDL
595334	4172763	31.4733	GSTRKIDL
595354	4172763	39.97231	GSTRKIDL
595374	4172763	40.41742	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595394	4172763	36.39693	GSTRKIDL
595414	4172763	30.64958	GSTRKIDL
595534	4172763	10.28124	GSTRKIDL
595554	4172763	8.91336	GSTRKIDL
595574	4172763	7.81093	GSTRKIDL
595594	4172763	6.90208	GSTRKIDL
595614	4172763	6.13882	GSTRKIDL
595634	4172763	5.50211	GSTRKIDL
595654	4172763	4.96986	GSTRKIDL
595674	4172763	4.51168	GSTRKIDL
595694	4172763	4.1104	GSTRKIDL
595714	4172763	3.76659	GSTRKIDL
595734	4172763	3.46086	GSTRKIDL
595754	4172763	3.1877	GSTRKIDL
595774	4172763	2.9447	GSTRKIDL
595794	4172763	2.73341	GSTRKIDL
595814	4172763	2.54577	GSTRKIDL
594934	4172783	1.12225	GSTRKIDL
594954	4172783	1.1956	GSTRKIDL
594974	4172783	1.2835	GSTRKIDL
595274	4172783	9.6719	GSTRKIDL
595294	4172783	12.31678	GSTRKIDL
595314	4172783	16.23516	GSTRKIDL
595334	4172783	20.80098	GSTRKIDL
595354	4172783	24.57307	GSTRKIDL
595374	4172783	26.18721	GSTRKIDL
595394	4172783	25.15157	GSTRKIDL
595414	4172783	22.65616	GSTRKIDL
595434	4172783	19.7353	GSTRKIDL
595454	4172783	16.93539	GSTRKIDL
595514	4172783	10.55037	GSTRKIDL
595534	4172783	9.13922	GSTRKIDL
595554	4172783	7.98636	GSTRKIDL
595574	4172783	7.04984	GSTRKIDL
595594	4172783	6.26261	GSTRKIDL
595614	4172783	5.60991	GSTRKIDL
595634	4172783	5.05351	GSTRKIDL
595654	4172783	4.57877	GSTRKIDL
595674	4172783	4.16541	GSTRKIDL
595694	4172783	3.81108	GSTRKIDL
595714	4172783	3.51326	GSTRKIDL
595734	4172783	3.24216	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172783	3.00009	GSTRKIDL
595774	4172783	2.78553	GSTRKIDL
595794	4172783	2.59327	GSTRKIDL
595814	4172783	2.41694	GSTRKIDL
594894	4172803	0.8911	GSTRKIDL
594914	4172803	0.94732	GSTRKIDL
594934	4172803	1.01178	GSTRKIDL
594954	4172803	1.08181	GSTRKIDL
594974	4172803	1.16271	GSTRKIDL
595274	4172803	7.61753	GSTRKIDL
595294	4172803	9.29497	GSTRKIDL
595314	4172803	11.63001	GSTRKIDL
595334	4172803	14.63812	GSTRKIDL
595354	4172803	16.92991	GSTRKIDL
595374	4172803	18.29793	GSTRKIDL
595394	4172803	18.23245	GSTRKIDL
595414	4172803	17.15347	GSTRKIDL
595434	4172803	15.55708	GSTRKIDL
595454	4172803	13.83106	GSTRKIDL
595474	4172803	12.18612	GSTRKIDL
595494	4172803	10.68131	GSTRKIDL
595514	4172803	9.34691	GSTRKIDL
595534	4172803	8.18928	GSTRKIDL
595554	4172803	7.21311	GSTRKIDL
595574	4172803	6.40585	GSTRKIDL
595594	4172803	5.71544	GSTRKIDL
595614	4172803	5.14233	GSTRKIDL
595634	4172803	4.65218	GSTRKIDL
595654	4172803	4.23019	GSTRKIDL
595674	4172803	3.86477	GSTRKIDL
595694	4172803	3.54099	GSTRKIDL
595714	4172803	3.25963	GSTRKIDL
595734	4172803	3.01942	GSTRKIDL
595754	4172803	2.80382	GSTRKIDL
595774	4172803	2.61105	GSTRKIDL
595794	4172803	2.4369	GSTRKIDL
595814	4172803	2.28009	GSTRKIDL
594874	4172823	0.77229	GSTRKIDL
594894	4172823	0.82026	GSTRKIDL
594914	4172823	0.8736	GSTRKIDL
594934	4172823	0.9331	GSTRKIDL
594954	4172823	0.99922	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595254	4172823	5.23764	GSTRKIDL
595274	4172823	6.20107	GSTRKIDL
595294	4172823	7.4045	GSTRKIDL
595314	4172823	9.03061	GSTRKIDL
595334	4172823	10.74056	GSTRKIDL
595354	4172823	12.33252	GSTRKIDL
595374	4172823	13.47908	GSTRKIDL
595394	4172823	13.74278	GSTRKIDL
595414	4172823	13.27994	GSTRKIDL
595434	4172823	12.42432	GSTRKIDL
595454	4172823	11.37854	GSTRKIDL
595474	4172823	10.27686	GSTRKIDL
595494	4172823	9.22061	GSTRKIDL
595514	4172823	8.23224	GSTRKIDL
595534	4172823	7.34142	GSTRKIDL
595554	4172823	6.55103	GSTRKIDL
595574	4172823	5.85991	GSTRKIDL
595594	4172823	5.25898	GSTRKIDL
595614	4172823	4.7479	GSTRKIDL
595634	4172823	4.30606	GSTRKIDL
595654	4172823	3.92665	GSTRKIDL
595674	4172823	3.59668	GSTRKIDL
595694	4172823	3.29307	GSTRKIDL
595714	4172823	3.03933	GSTRKIDL
595734	4172823	2.82231	GSTRKIDL
595754	4172823	2.6263	GSTRKIDL
595774	4172823	2.45094	GSTRKIDL
595794	4172823	2.29321	GSTRKIDL
595814	4172823	2.14994	GSTRKIDL
594874	4172843	0.72382	GSTRKIDL
594894	4172843	0.7671	GSTRKIDL
594914	4172843	0.81847	GSTRKIDL
594934	4172843	0.87564	GSTRKIDL
594954	4172843	0.93862	GSTRKIDL
595254	4172843	4.43665	GSTRKIDL
595274	4172843	5.18943	GSTRKIDL
595294	4172843	6.0684	GSTRKIDL
595314	4172843	7.20229	GSTRKIDL
595334	4172843	8.29661	GSTRKIDL
595354	4172843	9.42432	GSTRKIDL
595374	4172843	10.28888	GSTRKIDL
595394	4172843	10.66022	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595414	4172843	10.54535	GSTRKIDL
595434	4172843	10.07757	GSTRKIDL
595454	4172843	9.43684	GSTRKIDL
595474	4172843	8.69764	GSTRKIDL
595494	4172843	7.96648	GSTRKIDL
595514	4172843	7.24855	GSTRKIDL
595534	4172843	6.56008	GSTRKIDL
595554	4172843	5.93077	GSTRKIDL
595574	4172843	5.36708	GSTRKIDL
595594	4172843	4.85711	GSTRKIDL
595614	4172843	4.40079	GSTRKIDL
595634	4172843	4.00908	GSTRKIDL
595654	4172843	3.66479	GSTRKIDL
595674	4172843	3.36268	GSTRKIDL
595694	4172843	3.06991	GSTRKIDL
595714	4172843	2.85473	GSTRKIDL
595734	4172843	2.65233	GSTRKIDL
595754	4172843	2.47217	GSTRKIDL
595774	4172843	2.31098	GSTRKIDL
595794	4172843	2.16608	GSTRKIDL
595814	4172843	2.03475	GSTRKIDL
594854	4172863	0.6472	GSTRKIDL
594874	4172863	0.68686	GSTRKIDL
594894	4172863	0.72813	GSTRKIDL
594914	4172863	0.7759	GSTRKIDL
594934	4172863	0.83165	GSTRKIDL
595234	4172863	3.33394	GSTRKIDL
595254	4172863	3.8042	GSTRKIDL
595274	4172863	4.35673	GSTRKIDL
595294	4172863	5.06809	GSTRKIDL
595314	4172863	5.83917	GSTRKIDL
595334	4172863	6.65322	GSTRKIDL
595354	4172863	7.44318	GSTRKIDL
595374	4172863	8.12087	GSTRKIDL
595394	4172863	8.47746	GSTRKIDL
595414	4172863	8.51994	GSTRKIDL
595434	4172863	8.29055	GSTRKIDL
595454	4172863	7.90978	GSTRKIDL
595474	4172863	7.41982	GSTRKIDL
595494	4172863	6.89977	GSTRKIDL
595514	4172863	6.37054	GSTRKIDL
595534	4172863	5.84881	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172863	5.36045	GSTRKIDL
595574	4172863	4.91268	GSTRKIDL
595594	4172863	4.48983	GSTRKIDL
595614	4172863	4.10621	GSTRKIDL
595634	4172863	3.74519	GSTRKIDL
595654	4172863	3.43437	GSTRKIDL
595674	4172863	3.15314	GSTRKIDL
595694	4172863	2.90036	GSTRKIDL
595714	4172863	2.69187	GSTRKIDL
595734	4172863	2.50378	GSTRKIDL
595754	4172863	2.33616	GSTRKIDL
595774	4172863	2.18616	GSTRKIDL
595794	4172863	2.0513	GSTRKIDL
594854	4172883	0.61814	GSTRKIDL
594874	4172883	0.65549	GSTRKIDL
594894	4172883	0.69657	GSTRKIDL
594914	4172883	0.74257	GSTRKIDL
595234	4172883	2.93829	GSTRKIDL
595254	4172883	3.31015	GSTRKIDL
595274	4172883	3.73743	GSTRKIDL
595294	4172883	4.25897	GSTRKIDL
595314	4172883	4.82176	GSTRKIDL
595334	4172883	5.45905	GSTRKIDL
595354	4172883	6.07316	GSTRKIDL
595374	4172883	6.59039	GSTRKIDL
595394	4172883	6.90828	GSTRKIDL
595414	4172883	7.0148	GSTRKIDL
595434	4172883	6.93042	GSTRKIDL
595454	4172883	6.67831	GSTRKIDL
595474	4172883	6.35566	GSTRKIDL
595494	4172883	5.98594	GSTRKIDL
595514	4172883	5.60804	GSTRKIDL
595534	4172883	5.21765	GSTRKIDL
595554	4172883	4.84229	GSTRKIDL
595574	4172883	4.48334	GSTRKIDL
595594	4172883	4.13202	GSTRKIDL
595614	4172883	3.80601	GSTRKIDL
595634	4172883	3.50615	GSTRKIDL
595654	4172883	3.2338	GSTRKIDL
595674	4172883	2.9557	GSTRKIDL
595694	4172883	2.74619	GSTRKIDL
595714	4172883	2.55026	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172883	2.3748	GSTRKIDL
595754	4172883	2.21773	GSTRKIDL
595774	4172883	2.0769	GSTRKIDL
595794	4172883	1.94999	GSTRKIDL
594854	4172903	0.59527	GSTRKIDL
594874	4172903	0.63124	GSTRKIDL
594894	4172903	0.67044	GSTRKIDL
594914	4172903	0.71402	GSTRKIDL
595234	4172903	2.60924	GSTRKIDL
595254	4172903	2.90644	GSTRKIDL
595274	4172903	3.24836	GSTRKIDL
595294	4172903	3.6465	GSTRKIDL
595314	4172903	4.07913	GSTRKIDL
595334	4172903	4.55806	GSTRKIDL
595354	4172903	5.00447	GSTRKIDL
595374	4172903	5.42318	GSTRKIDL
595394	4172903	5.74001	GSTRKIDL
595414	4172903	5.88019	GSTRKIDL
595434	4172903	5.85454	GSTRKIDL
595454	4172903	5.70475	GSTRKIDL
595474	4172903	5.48164	GSTRKIDL
595494	4172903	5.22172	GSTRKIDL
595514	4172903	4.93642	GSTRKIDL
595534	4172903	4.64433	GSTRKIDL
595554	4172903	4.36023	GSTRKIDL
595574	4172903	4.07684	GSTRKIDL
595594	4172903	3.7918	GSTRKIDL
595614	4172903	3.52269	GSTRKIDL
595634	4172903	3.27241	GSTRKIDL
595654	4172903	3.03548	GSTRKIDL
595674	4172903	2.79041	GSTRKIDL
595694	4172903	2.60341	GSTRKIDL
595714	4172903	2.42384	GSTRKIDL
595734	4172903	2.26107	GSTRKIDL
595754	4172903	2.114	GSTRKIDL
595774	4172903	1.98131	GSTRKIDL
595794	4172903	1.86141	GSTRKIDL
594854	4172923	0.57537	GSTRKIDL
594874	4172923	0.60987	GSTRKIDL
594894	4172923	0.64698	GSTRKIDL
594914	4172923	0.68802	GSTRKIDL
595254	4172923	2.57583	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595274	4172923	2.85004	GSTRKIDL
595294	4172923	3.15912	GSTRKIDL
595314	4172923	3.50325	GSTRKIDL
595334	4172923	3.87522	GSTRKIDL
595354	4172923	4.21754	GSTRKIDL
595374	4172923	4.54497	GSTRKIDL
595394	4172923	4.80842	GSTRKIDL
595414	4172923	4.96484	GSTRKIDL
595434	4172923	4.99828	GSTRKIDL
595454	4172923	4.92147	GSTRKIDL
595474	4172923	4.77437	GSTRKIDL
595494	4172923	4.57858	GSTRKIDL
595514	4172923	4.36593	GSTRKIDL
595534	4172923	4.1423	GSTRKIDL
595554	4172923	3.92447	GSTRKIDL
595574	4172923	3.69714	GSTRKIDL
595594	4172923	3.47217	GSTRKIDL
595614	4172923	3.25815	GSTRKIDL
595634	4172923	3.04754	GSTRKIDL
595654	4172923	2.82217	GSTRKIDL
595674	4172923	2.64137	GSTRKIDL
595694	4172923	2.46795	GSTRKIDL
595714	4172923	2.30637	GSTRKIDL
595734	4172923	2.15743	GSTRKIDL
595754	4172923	2.02096	GSTRKIDL
595774	4172923	1.89646	GSTRKIDL
595314	4172943	3.04883	GSTRKIDL
595334	4172943	3.33031	GSTRKIDL
595354	4172943	3.61076	GSTRKIDL
595374	4172943	3.8756	GSTRKIDL
595394	4172943	4.10443	GSTRKIDL
595414	4172943	4.24908	GSTRKIDL
595434	4172943	4.30213	GSTRKIDL
595454	4172943	4.27013	GSTRKIDL
595474	4172943	4.17772	GSTRKIDL
595494	4172943	4.04563	GSTRKIDL
595514	4172943	3.88694	GSTRKIDL
595534	4172943	3.71444	GSTRKIDL
595554	4172943	3.53775	GSTRKIDL
595574	4172943	3.3534	GSTRKIDL
595594	4172943	3.17597	GSTRKIDL
595614	4172943	3.00241	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172943	2.82828	GSTRKIDL
595654	4172943	2.63001	GSTRKIDL
595674	4172943	2.48061	GSTRKIDL
595694	4172943	2.33543	GSTRKIDL
595714	4172943	2.19274	GSTRKIDL
595734	4172943	2.05885	GSTRKIDL
595754	4172943	1.93411	GSTRKIDL
595774	4172943	1.81869	GSTRKIDL
595314	4172963	2.67249	GSTRKIDL
595334	4172963	2.90837	GSTRKIDL
595354	4172963	3.13194	GSTRKIDL
595374	4172963	3.34828	GSTRKIDL
595394	4172963	3.53863	GSTRKIDL
595414	4172963	3.67523	GSTRKIDL
595434	4172963	3.74262	GSTRKIDL
595454	4172963	3.73794	GSTRKIDL
595474	4172963	3.67498	GSTRKIDL
595494	4172963	3.58415	GSTRKIDL
595514	4172963	3.46766	GSTRKIDL
595534	4172963	3.33638	GSTRKIDL
595554	4172963	3.19628	GSTRKIDL
595574	4172963	3.05119	GSTRKIDL
595594	4172963	2.90602	GSTRKIDL
595614	4172963	2.7639	GSTRKIDL
595634	4172963	2.6056	GSTRKIDL
595654	4172963	2.46115	GSTRKIDL
595674	4172963	2.32973	GSTRKIDL
595694	4172963	2.20135	GSTRKIDL
595714	4172963	2.0776	GSTRKIDL
595734	4172963	1.95988	GSTRKIDL
595754	4172963	1.84834	GSTRKIDL
595314	4172983	2.36779	GSTRKIDL
595334	4172983	2.55834	GSTRKIDL
595354	4172983	2.74323	GSTRKIDL
595374	4172983	2.92241	GSTRKIDL
595394	4172983	3.08663	GSTRKIDL
595414	4172983	3.21134	GSTRKIDL
595434	4172983	3.28452	GSTRKIDL
595454	4172983	3.29965	GSTRKIDL
595474	4172983	3.26283	GSTRKIDL
595494	4172983	3.19844	GSTRKIDL
595514	4172983	3.10656	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172983	3.00527	GSTRKIDL
595554	4172983	2.89615	GSTRKIDL
595574	4172983	2.77648	GSTRKIDL
595594	4172983	2.65913	GSTRKIDL
595614	4172983	2.54373	GSTRKIDL
595634	4172983	2.39817	GSTRKIDL
595654	4172983	2.29612	GSTRKIDL
595674	4172983	2.18486	GSTRKIDL
595694	4172983	2.07611	GSTRKIDL
595714	4172983	1.97021	GSTRKIDL
595734	4172983	1.86759	GSTRKIDL
595754	4172983	1.76882	GSTRKIDL
595314	4173003	2.11947	GSTRKIDL
595334	4173003	2.2679	GSTRKIDL
595354	4173003	2.42166	GSTRKIDL
595374	4173003	2.57337	GSTRKIDL
595394	4173003	2.71292	GSTRKIDL
595414	4173003	2.82795	GSTRKIDL
595434	4173003	2.9023	GSTRKIDL
595454	4173003	2.9308	GSTRKIDL
595474	4173003	2.91441	GSTRKIDL
595494	4173003	2.86858	GSTRKIDL
595514	4173003	2.80074	GSTRKIDL
595534	4173003	2.72121	GSTRKIDL
595554	4173003	2.63336	GSTRKIDL
595574	4173003	2.53546	GSTRKIDL
595594	4173003	2.43951	GSTRKIDL
595614	4173003	2.33624	GSTRKIDL
595634	4173003	2.22789	GSTRKIDL
595654	4173003	2.13632	GSTRKIDL
595674	4173003	2.04236	GSTRKIDL
595694	4173003	1.95016	GSTRKIDL
595714	4173003	1.85981	GSTRKIDL
595734	4173003	1.7715	GSTRKIDL
595294	4173023	1.77066	GSTRKIDL
595314	4173023	1.8976	GSTRKIDL
595334	4173023	2.02823	GSTRKIDL
595354	4173023	2.15702	GSTRKIDL
595374	4173023	2.28425	GSTRKIDL
595394	4173023	2.40565	GSTRKIDL
595414	4173023	2.50926	GSTRKIDL
595434	4173023	2.5797	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595454	4173023	2.61486	GSTRKIDL
595474	4173023	2.61413	GSTRKIDL
595494	4173023	2.5861	GSTRKIDL
595514	4173023	2.53578	GSTRKIDL
595534	4173023	2.47356	GSTRKIDL
595554	4173023	2.40213	GSTRKIDL
595574	4173023	2.32394	GSTRKIDL
595594	4173023	2.24534	GSTRKIDL
595614	4173023	2.14107	GSTRKIDL
595634	4173023	2.06934	GSTRKIDL
595654	4173023	1.98842	GSTRKIDL
595674	4173023	1.90841	GSTRKIDL
595694	4173023	1.82971	GSTRKIDL
595714	4173023	1.75242	GSTRKIDL
595294	4173043	1.60994	GSTRKIDL
595314	4173043	1.71689	GSTRKIDL
595334	4173043	1.82676	GSTRKIDL
595354	4173043	1.93483	GSTRKIDL
595374	4173043	2.04311	GSTRKIDL
595394	4173043	2.14807	GSTRKIDL
595414	4173043	2.23913	GSTRKIDL
595434	4173043	2.30788	GSTRKIDL
595454	4173043	2.34716	GSTRKIDL
595474	4173043	2.35586	GSTRKIDL
595494	4173043	2.34083	GSTRKIDL
595514	4173043	2.30404	GSTRKIDL
595534	4173043	2.25426	GSTRKIDL
595554	4173043	2.19769	GSTRKIDL
595574	4173043	2.13571	GSTRKIDL
595594	4173043	2.06886	GSTRKIDL
595614	4173043	1.98258	GSTRKIDL
595634	4173043	1.92177	GSTRKIDL
595654	4173043	1.85262	GSTRKIDL
595674	4173043	1.78395	GSTRKIDL
595694	4173043	1.71622	GSTRKIDL
595294	4173063	1.47011	GSTRKIDL
595314	4173063	1.56207	GSTRKIDL
595334	4173063	1.65447	GSTRKIDL
595354	4173063	1.74648	GSTRKIDL
595374	4173063	1.83882	GSTRKIDL
595394	4173063	1.92776	GSTRKIDL
595414	4173063	2.00916	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595434	4173063	2.07468	GSTRKIDL
595454	4173063	2.11781	GSTRKIDL
595474	4173063	2.13439	GSTRKIDL
595494	4173063	2.12911	GSTRKIDL
595514	4173063	2.1031	GSTRKIDL
595534	4173063	2.06355	GSTRKIDL
595554	4173063	2.01829	GSTRKIDL
595574	4173063	1.96567	GSTRKIDL
595594	4173063	1.90208	GSTRKIDL
595614	4173063	1.84342	GSTRKIDL
595634	4173063	1.78766	GSTRKIDL
595654	4173063	1.72843	GSTRKIDL
595354	4173083	1.58447	GSTRKIDL
595374	4173083	1.6621	GSTRKIDL
595394	4173083	1.73957	GSTRKIDL
595414	4173083	1.81278	GSTRKIDL
595434	4173083	1.87461	GSTRKIDL
595454	4173083	1.91935	GSTRKIDL
595474	4173083	1.94196	GSTRKIDL
595494	4173083	1.94624	GSTRKIDL
595514	4173083	1.92949	GSTRKIDL
595534	4173083	1.89522	GSTRKIDL
595554	4173083	1.85975	GSTRKIDL
595574	4173083	1.81548	GSTRKIDL
595594	4173083	1.76938	GSTRKIDL
595614	4173083	1.70627	GSTRKIDL
595334	4173103	1.37556	GSTRKIDL
595354	4173103	1.44323	GSTRKIDL
595374	4173103	1.5103	GSTRKIDL
595394	4173103	1.5781	GSTRKIDL
595414	4173103	1.6439	GSTRKIDL
595434	4173103	1.70177	GSTRKIDL
595454	4173103	1.74702	GSTRKIDL
595474	4173103	1.77391	GSTRKIDL
595494	4173103	1.78265	GSTRKIDL
595514	4173103	1.76714	GSTRKIDL
595534	4173103	1.74683	GSTRKIDL
595334	4173123	1.26138	GSTRKIDL
595354	4173123	1.31973	GSTRKIDL
595374	4173123	1.37865	GSTRKIDL
595394	4173123	1.43872	GSTRKIDL
595414	4173123	1.49848	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595434	4173123	1.55255	GSTRKIDL
595454	4173123	1.59683	GSTRKIDL
595474	4173123	1.62661	GSTRKIDL
595494	4173123	1.63776	GSTRKIDL
595514	4173123	1.62804	GSTRKIDL
595354	4173143	1.21275	GSTRKIDL
595374	4173143	1.26502	GSTRKIDL
595394	4173143	1.3195	GSTRKIDL
595414	4173143	1.37759	GSTRKIDL
595434	4173143	1.42636	GSTRKIDL
595494	4173143	1.5048	GSTRKIDL
595354	4173163	1.12093	GSTRKIDL
595374	4173163	1.16656	GSTRKIDL
595394	4173163	1.21431	GSTRKIDL
595414	4173163	1.26525	GSTRKIDL
595434	4173163	1.30982	GSTRKIDL
595374	4173183	1.07949	GSTRKIDL
595394	4173183	1.12162	GSTRKIDL
595414	4173183	1.16503	GSTRKIDL
595434	4173183	1.20641	GSTRKIDL
595203.12	4172931.43	1.95173	GSTRKIDL
595305.29	4173022.49	1.84577	GSTRKIDL
596059.85	4172738.92	1.30707	GSTRKIDL
595782.4	4171913.24	0.34189	GSTRKIDL
595790.49	4171877.76	0.31042	GSTRKIDL
595826.59	4171700.37	0.20505	GSTRKIDL
595857.85	4171568.4	0.16024	GSTRKIDL
595427.66	4172811.08	14.60531	GSTRKIDL
595616.96	4172890.78	3.65194	GSTRKIDL
595465.61	4172972.42	3.4968	GSTRKIDL
595413.93	4172953.11	3.94352	GSTRKIDL
595207.62	4172857.58	2.91567	GSTRKIDL
595229.35	4172793.73	5.48204	GSTRKIDL
595251.41	4172717.21	17.96833	GSTRKIDL
595276.16	4172654.64	62.8166	GSTRKIDL
595286.24	4171790.65	0.21677	GSTRKIDL
595306.24	4171790.65	0.2159	GSTRKIDL
595326.24	4171790.65	0.21522	GSTRKIDL
595266.24	4171810.65	0.22646	GSTRKIDL
595286.24	4171810.65	0.22536	GSTRKIDL
595306.24	4171810.65	0.22486	GSTRKIDL
595326.24	4171810.65	0.22401	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595246.24	4171830.65	0.23695	GSTRKIDL
595266.24	4171830.65	0.23579	GSTRKIDL
595286.24	4171830.65	0.23482	GSTRKIDL
595306.24	4171830.65	0.23418	GSTRKIDL
595326.24	4171830.65	0.23344	GSTRKIDL
595226.24	4171850.65	0.24814	GSTRKIDL
595246.24	4171850.65	0.24733	GSTRKIDL
595266.24	4171850.65	0.24623	GSTRKIDL
595286.24	4171850.65	0.24518	GSTRKIDL
595306.24	4171850.65	0.24428	GSTRKIDL
595326.24	4171850.65	0.24351	GSTRKIDL
595206.24	4171870.65	0.26061	GSTRKIDL
595226.24	4171870.65	0.25949	GSTRKIDL
595246.24	4171870.65	0.25829	GSTRKIDL
595266.24	4171870.65	0.257	GSTRKIDL
595286.24	4171870.65	0.25595	GSTRKIDL
595306.24	4171870.65	0.25504	GSTRKIDL
595186.24	4171890.65	0.2738	GSTRKIDL
595206.24	4171890.65	0.2726	GSTRKIDL
595226.24	4171890.65	0.27128	GSTRKIDL
595246.24	4171890.65	0.27002	GSTRKIDL
595266.24	4171890.65	0.26871	GSTRKIDL
595286.24	4171890.65	0.2676	GSTRKIDL
595306.24	4171890.65	0.26661	GSTRKIDL
595186.24	4171910.65	0.28656	GSTRKIDL
595206.24	4171910.65	0.28524	GSTRKIDL
595226.24	4171910.65	0.28395	GSTRKIDL
595246.24	4171910.65	0.28269	GSTRKIDL
595266.24	4171910.65	0.28142	GSTRKIDL
595286.24	4171910.65	0.28004	GSTRKIDL
595306.24	4171910.65	0.27909	GSTRKIDL
595166.24	4171930.65	0.30154	GSTRKIDL
595186.24	4171930.65	0.3003	GSTRKIDL
595206.24	4171930.65	0.29911	GSTRKIDL
595226.24	4171930.65	0.29759	GSTRKIDL
595246.24	4171930.65	0.29642	GSTRKIDL
595266.24	4171930.65	0.29493	GSTRKIDL
595286.24	4171930.65	0.29356	GSTRKIDL
595166.24	4171950.65	0.31661	GSTRKIDL
595186.24	4171950.65	0.31518	GSTRKIDL
595206.24	4171950.65	0.31382	GSTRKIDL
595226.24	4171950.65	0.31214	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595246.24	4171950.65	0.31094	GSTRKIDL
595266.24	4171950.65	0.30948	GSTRKIDL
595286.24	4171950.65	0.30823	GSTRKIDL
595146.24	4171970.65	0.33403	GSTRKIDL
595166.24	4171970.65	0.33241	GSTRKIDL
595186.24	4171970.65	0.33112	GSTRKIDL
595206.24	4171970.65	0.32972	GSTRKIDL
595226.24	4171970.65	0.32811	GSTRKIDL
595246.24	4171970.65	0.32702	GSTRKIDL
595266.24	4171970.65	0.32544	GSTRKIDL
595146.24	4171990.65	0.35178	GSTRKIDL
595166.24	4171990.65	0.35001	GSTRKIDL
595186.24	4171990.65	0.34859	GSTRKIDL
595206.24	4171990.65	0.34706	GSTRKIDL
595852.66	4171825.33	0.28682	GSTRKIDL
595852.66	4171845.33	0.3034	GSTRKIDL
595852.66	4171865.33	0.32156	GSTRKIDL
595872.66	4171865.33	0.32905	GSTRKIDL
595892.66	4171865.33	0.33658	GSTRKIDL
595832.66	4171885.33	0.33356	GSTRKIDL
595852.66	4171885.33	0.3415	GSTRKIDL
595872.66	4171885.33	0.34952	GSTRKIDL
595892.66	4171885.33	0.3575	GSTRKIDL
595832.66	4171905.33	0.35457	GSTRKIDL
595852.66	4171905.33	0.36321	GSTRKIDL
595872.66	4171905.33	0.37177	GSTRKIDL
595892.66	4171905.33	0.38013	GSTRKIDL
595912.66	4171905.33	0.38771	GSTRKIDL
595832.66	4171925.33	0.37735	GSTRKIDL
595852.66	4171925.33	0.38666	GSTRKIDL
595872.66	4171925.33	0.39562	GSTRKIDL
595892.66	4171925.33	0.40435	GSTRKIDL
595912.66	4171925.33	0.41253	GSTRKIDL
595852.66	4171945.33	0.4123	GSTRKIDL
595872.66	4171945.33	0.42167	GSTRKIDL
595892.66	4171945.33	0.43025	GSTRKIDL
595912.66	4171945.33	0.43834	GSTRKIDL
595932.66	4171945.33	0.44582	GSTRKIDL
595102.43	4172101.44	0.50332	GSTRKIDL
595122.43	4172101.44	0.49496	GSTRKIDL
595142.43	4172101.44	0.48879	GSTRKIDL
595102.43	4172121.44	0.54018	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595122.43	4172121.44	0.52983	GSTRKIDL
595142.43	4172121.44	0.52242	GSTRKIDL
595082.43	4172141.44	0.59642	GSTRKIDL
595102.43	4172141.44	0.58174	GSTRKIDL
595122.43	4172141.44	0.56969	GSTRKIDL
595142.43	4172141.44	0.56038	GSTRKIDL
595082.43	4172161.44	0.64663	GSTRKIDL
595102.43	4172161.44	0.63022	GSTRKIDL
595122.43	4172161.44	0.6151	GSTRKIDL
595142.43	4172161.44	0.60341	GSTRKIDL
595082.43	4172181.44	0.70381	GSTRKIDL
595102.43	4172181.44	0.68414	GSTRKIDL
595122.43	4172181.44	0.66673	GSTRKIDL
595142.43	4172181.44	0.65225	GSTRKIDL
595062.43	4172201.44	0.79367	GSTRKIDL
595082.43	4172201.44	0.76898	GSTRKIDL
595102.43	4172201.44	0.74638	GSTRKIDL
595122.43	4172201.44	0.72553	GSTRKIDL
595142.43	4172201.44	0.70801	GSTRKIDL
595162.43	4172201.44	0.69381	GSTRKIDL
595062.43	4172221.44	0.87232	GSTRKIDL
595082.43	4172221.44	0.84414	GSTRKIDL
595102.43	4172221.44	0.81804	GSTRKIDL
595122.43	4172221.44	0.79295	GSTRKIDL
595142.43	4172221.44	0.7715	GSTRKIDL
595162.43	4172221.44	0.75374	GSTRKIDL
595062.43	4172241.44	0.96391	GSTRKIDL
595082.43	4172241.44	0.93199	GSTRKIDL
595102.43	4172241.44	0.90067	GSTRKIDL
595122.43	4172241.44	0.87142	GSTRKIDL
595142.43	4172241.44	0.84649	GSTRKIDL
595162.43	4172241.44	0.82569	GSTRKIDL
595062.43	4172261.44	1.07122	GSTRKIDL
595082.43	4172261.44	1.03566	GSTRKIDL
595102.43	4172261.44	0.99688	GSTRKIDL
595122.43	4172261.44	0.96267	GSTRKIDL
595142.43	4172261.44	0.93352	GSTRKIDL
595042.43	4172281.44	1.23402	GSTRKIDL
595062.43	4172281.44	1.19529	GSTRKIDL
595082.43	4172281.44	1.1551	GSTRKIDL
595102.43	4172281.44	1.10944	GSTRKIDL
595122.43	4172281.44	1.07292	GSTRKIDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595142.43	4172281.44	1.03558	GSTRKIDL
595162.43	4172281.44	1.00172	GSTRKIDL
595042.43	4172301.44	1.38128	GSTRKIDL
595062.43	4172301.44	1.3403	GSTRKIDL
595082.43	4172301.44	1.29377	GSTRKIDL
595102.43	4172301.44	1.24426	GSTRKIDL
595122.43	4172301.44	1.1993	GSTRKIDL
595142.43	4172301.44	1.15539	GSTRKIDL
595162.43	4172301.44	1.11526	GSTRKIDL
595042.43	4172321.44	1.55311	GSTRKIDL
595062.43	4172321.44	1.51072	GSTRKIDL
595082.43	4172321.44	1.45387	GSTRKIDL
595102.43	4172321.44	1.40336	GSTRKIDL
595122.43	4172321.44	1.34997	GSTRKIDL
595142.43	4172321.44	1.29957	GSTRKIDL
595162.43	4172321.44	1.25002	GSTRKIDL
595022.43	4172341.44	1.78239	GSTRKIDL
595042.43	4172341.44	1.75095	GSTRKIDL
595062.43	4172341.44	1.70882	GSTRKIDL
595082.43	4172341.44	1.65614	GSTRKIDL
595102.43	4172341.44	1.59606	GSTRKIDL
595122.43	4172341.44	1.53217	GSTRKIDL
595142.43	4172341.44	1.47294	GSTRKIDL
595162.43	4172341.44	1.41325	GSTRKIDL
595509.2	4172311.1	1.17742	GSTRKIDL
595453.66	4172369.33	1.52301	GSTRKIDL
595568.33	4173021.18	2.36466	GSTRKIDL
595515	4172097	0.47127	GSTRKIDL
595271.59	4172931.11	2.67346	GSTRKIDL
595259.54	4172956.67	2.17854	GSTRKIDL
595229.53	4172979.48	1.70656	GSTRKIDL
595158.78	4172948.61	1.46216	GSTRKIDL
595424.36	4172061.47	0.40854	GSTRKIDL
595637.78	4172033.56	0.42328	GSTRKIDL
595497.98	4172569.45	12.04632	GSTRKIDL
595440.32	4172695.89	47.51183	GSTRKIDL
595531.7	4172736.24	12.36358	GSTRKIDL
595503.43	4172797.49	10.40792	GSTRKIDL
595293.61	4172706.67	60.28629	GSTRKIDL
595216.89	4172907.31	2.32615	GSTRKIDL
595554	4171743	0.45264	FDX-EXH
595574	4171743	0.45145	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4171743	0.43874	FDX-EXH
595614	4171743	0.43257	FDX-EXH
595634	4171743	0.42247	FDX-EXH
595654	4171743	0.41805	FDX-EXH
595674	4171743	0.4126	FDX-EXH
595694	4171743	0.40995	FDX-EXH
595714	4171743	0.39598	FDX-EXH
595534	4171763	0.54576	FDX-EXH
595554	4171763	0.51515	FDX-EXH
595574	4171763	0.51088	FDX-EXH
595594	4171763	0.4962	FDX-EXH
595614	4171763	0.48882	FDX-EXH
595634	4171763	0.48052	FDX-EXH
595654	4171763	0.4707	FDX-EXH
595674	4171763	0.46437	FDX-EXH
595694	4171763	0.45164	FDX-EXH
595714	4171763	0.44668	FDX-EXH
595734	4171763	0.45478	FDX-EXH
595754	4171763	0.4516	FDX-EXH
595774	4171763	0.44937	FDX-EXH
595314	4171783	0.89929	FDX-EXH
595334	4171783	0.89277	FDX-EXH
595534	4171783	0.61954	FDX-EXH
595554	4171783	0.59458	FDX-EXH
595574	4171783	0.57578	FDX-EXH
595594	4171783	0.55474	FDX-EXH
595614	4171783	0.54091	FDX-EXH
595634	4171783	0.54581	FDX-EXH
595654	4171783	0.53496	FDX-EXH
595674	4171783	0.52778	FDX-EXH
595694	4171783	0.50767	FDX-EXH
595714	4171783	0.51823	FDX-EXH
595734	4171783	0.51562	FDX-EXH
595754	4171783	0.50938	FDX-EXH
595774	4171783	0.51262	FDX-EXH
595794	4171783	0.51743	FDX-EXH
595274	4171803	0.99657	FDX-EXH
595294	4171803	1.0065	FDX-EXH
595314	4171803	1.01186	FDX-EXH
595334	4171803	1.01054	FDX-EXH
595534	4171803	0.72229	FDX-EXH
595554	4171803	0.68923	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4171803	0.6795	FDX-EXH
595594	4171803	0.65669	FDX-EXH
595614	4171803	0.63912	FDX-EXH
595634	4171803	0.62607	FDX-EXH
595654	4171803	0.60291	FDX-EXH
595674	4171803	0.58983	FDX-EXH
595694	4171803	0.57991	FDX-EXH
595714	4171803	0.5929	FDX-EXH
595734	4171803	0.58899	FDX-EXH
595754	4171803	0.57917	FDX-EXH
595774	4171803	0.59068	FDX-EXH
595794	4171803	0.59968	FDX-EXH
595814	4171803	0.61509	FDX-EXH
595254	4171823	1.07349	FDX-EXH
595274	4171823	1.09813	FDX-EXH
595294	4171823	1.11865	FDX-EXH
595314	4171823	1.13494	FDX-EXH
595334	4171823	1.14358	FDX-EXH
595514	4171823	0.91556	FDX-EXH
595534	4171823	0.85474	FDX-EXH
595554	4171823	0.81674	FDX-EXH
595574	4171823	0.79025	FDX-EXH
595594	4171823	0.76084	FDX-EXH
595614	4171823	0.74241	FDX-EXH
595634	4171823	0.72395	FDX-EXH
595654	4171823	0.71058	FDX-EXH
595674	4171823	0.70065	FDX-EXH
595694	4171823	0.67059	FDX-EXH
595714	4171823	0.68724	FDX-EXH
595734	4171823	0.68333	FDX-EXH
595754	4171823	0.68122	FDX-EXH
595774	4171823	0.69059	FDX-EXH
595794	4171823	0.70519	FDX-EXH
595814	4171823	0.72885	FDX-EXH
595834	4171823	0.76188	FDX-EXH
595854	4171823	0.79422	FDX-EXH
595234	4171843	1.12853	FDX-EXH
595254	4171843	1.16877	FDX-EXH
595274	4171843	1.2065	FDX-EXH
595294	4171843	1.23985	FDX-EXH
595314	4171843	1.26734	FDX-EXH
595334	4171843	1.28967	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4171843	1.08927	FDX-EXH
595534	4171843	1.02583	FDX-EXH
595554	4171843	0.97362	FDX-EXH
595574	4171843	0.95486	FDX-EXH
595594	4171843	0.90287	FDX-EXH
595614	4171843	0.87727	FDX-EXH
595634	4171843	0.85156	FDX-EXH
595654	4171843	0.83377	FDX-EXH
595674	4171843	0.80019	FDX-EXH
595694	4171843	0.79395	FDX-EXH
595714	4171843	0.80887	FDX-EXH
595734	4171843	0.80192	FDX-EXH
595754	4171843	0.81008	FDX-EXH
595774	4171843	0.82135	FDX-EXH
595794	4171843	0.84663	FDX-EXH
595814	4171843	0.8799	FDX-EXH
595854	4171843	0.95783	FDX-EXH
595874	4171843	0.99361	FDX-EXH
595214	4171863	1.15034	FDX-EXH
595234	4171863	1.20674	FDX-EXH
595254	4171863	1.26205	FDX-EXH
595274	4171863	1.31392	FDX-EXH
595294	4171863	1.3638	FDX-EXH
595314	4171863	1.40752	FDX-EXH
595334	4171863	1.44661	FDX-EXH
595514	4171863	1.31243	FDX-EXH
595534	4171863	1.24912	FDX-EXH
595554	4171863	1.1861	FDX-EXH
595574	4171863	1.12093	FDX-EXH
595594	4171863	1.06021	FDX-EXH
595614	4171863	1.00919	FDX-EXH
595634	4171863	0.99508	FDX-EXH
595654	4171863	0.99397	FDX-EXH
595674	4171863	0.93959	FDX-EXH
595694	4171863	0.96678	FDX-EXH
595714	4171863	0.95967	FDX-EXH
595734	4171863	0.95575	FDX-EXH
595754	4171863	0.97701	FDX-EXH
595774	4171863	1.01057	FDX-EXH
595794	4171863	1.05768	FDX-EXH
595814	4171863	1.10059	FDX-EXH
595834	4171863	1.1346	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595854	4171863	1.16786	FDX-EXH
595874	4171863	1.1951	FDX-EXH
595894	4171863	1.21109	FDX-EXH
595194	4171883	1.14101	FDX-EXH
595214	4171883	1.20978	FDX-EXH
595234	4171883	1.27925	FDX-EXH
595254	4171883	1.3487	FDX-EXH
595274	4171883	1.41777	FDX-EXH
595294	4171883	1.48605	FDX-EXH
595314	4171883	1.55018	FDX-EXH
595514	4171883	1.61463	FDX-EXH
595534	4171883	1.55296	FDX-EXH
595554	4171883	1.47472	FDX-EXH
595574	4171883	1.38728	FDX-EXH
595594	4171883	1.30743	FDX-EXH
595614	4171883	1.23396	FDX-EXH
595634	4171883	1.1809	FDX-EXH
595654	4171883	1.17037	FDX-EXH
595674	4171883	1.13334	FDX-EXH
595694	4171883	1.17018	FDX-EXH
595714	4171883	1.17529	FDX-EXH
595734	4171883	1.17899	FDX-EXH
595754	4171883	1.20301	FDX-EXH
595774	4171883	1.25528	FDX-EXH
595794	4171883	1.30084	FDX-EXH
595814	4171883	1.37659	FDX-EXH
595834	4171883	1.41493	FDX-EXH
595854	4171883	1.44415	FDX-EXH
595874	4171883	1.46096	FDX-EXH
595894	4171883	1.46108	FDX-EXH
595174	4171903	1.09621	FDX-EXH
595194	4171903	1.17322	FDX-EXH
595214	4171903	1.25309	FDX-EXH
595234	4171903	1.33798	FDX-EXH
595254	4171903	1.42529	FDX-EXH
595274	4171903	1.51379	FDX-EXH
595294	4171903	1.60306	FDX-EXH
595314	4171903	1.69214	FDX-EXH
595514	4171903	1.98684	FDX-EXH
595534	4171903	1.92469	FDX-EXH
595554	4171903	1.85543	FDX-EXH
595574	4171903	1.7764	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4171903	1.67307	FDX-EXH
595614	4171903	1.57059	FDX-EXH
595634	4171903	1.47133	FDX-EXH
595654	4171903	1.43205	FDX-EXH
595674	4171903	1.40564	FDX-EXH
595694	4171903	1.40841	FDX-EXH
595714	4171903	1.46648	FDX-EXH
595734	4171903	1.48282	FDX-EXH
595754	4171903	1.55342	FDX-EXH
595774	4171903	1.62298	FDX-EXH
595794	4171903	1.6925	FDX-EXH
595814	4171903	1.74902	FDX-EXH
595834	4171903	1.77947	FDX-EXH
595854	4171903	1.79617	FDX-EXH
595874	4171903	1.7856	FDX-EXH
595894	4171903	1.75639	FDX-EXH
595914	4171903	1.71278	FDX-EXH
595174	4171923	1.10179	FDX-EXH
595194	4171923	1.1881	FDX-EXH
595214	4171923	1.28145	FDX-EXH
595234	4171923	1.37994	FDX-EXH
595254	4171923	1.48469	FDX-EXH
595274	4171923	1.59486	FDX-EXH
595294	4171923	1.70691	FDX-EXH
595534	4171923	2.43138	FDX-EXH
595554	4171923	2.37574	FDX-EXH
595574	4171923	2.29523	FDX-EXH
595594	4171923	2.18405	FDX-EXH
595614	4171923	2.05456	FDX-EXH
595634	4171923	1.92657	FDX-EXH
595654	4171923	1.8304	FDX-EXH
595674	4171923	1.79537	FDX-EXH
595694	4171923	1.77919	FDX-EXH
595714	4171923	1.86952	FDX-EXH
595734	4171923	1.95081	FDX-EXH
595754	4171923	2.03893	FDX-EXH
595774	4171923	2.13368	FDX-EXH
595794	4171923	2.20918	FDX-EXH
595814	4171923	2.25043	FDX-EXH
595834	4171923	2.24865	FDX-EXH
595854	4171923	2.22617	FDX-EXH
595874	4171923	2.17196	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595894	4171923	2.09709	FDX-EXH
595914	4171923	2.01109	FDX-EXH
595154	4171943	1.00734	FDX-EXH
595174	4171943	1.09211	FDX-EXH
595194	4171943	1.18606	FDX-EXH
595214	4171943	1.28755	FDX-EXH
595234	4171943	1.39911	FDX-EXH
595254	4171943	1.52142	FDX-EXH
595274	4171943	1.65125	FDX-EXH
595294	4171943	1.7897	FDX-EXH
595534	4171943	3.08439	FDX-EXH
595554	4171943	3.07165	FDX-EXH
595574	4171943	3.0367	FDX-EXH
595594	4171943	2.94255	FDX-EXH
595614	4171943	2.78966	FDX-EXH
595634	4171943	2.60574	FDX-EXH
595654	4171943	2.44933	FDX-EXH
595674	4171943	2.38429	FDX-EXH
595694	4171943	2.37038	FDX-EXH
595714	4171943	2.41599	FDX-EXH
595734	4171943	2.49281	FDX-EXH
595754	4171943	2.71222	FDX-EXH
595774	4171943	2.89408	FDX-EXH
595794	4171943	2.9296	FDX-EXH
595814	4171943	2.91704	FDX-EXH
595834	4171943	2.85124	FDX-EXH
595854	4171943	2.75163	FDX-EXH
595874	4171943	2.62738	FDX-EXH
595894	4171943	2.49064	FDX-EXH
595914	4171943	2.34667	FDX-EXH
595934	4171943	2.20262	FDX-EXH
595154	4171963	0.97767	FDX-EXH
595174	4171963	1.06581	FDX-EXH
595194	4171963	1.16339	FDX-EXH
595214	4171963	1.2727	FDX-EXH
595234	4171963	1.39256	FDX-EXH
595254	4171963	1.53035	FDX-EXH
595274	4171963	1.67845	FDX-EXH
595554	4171963	3.97058	FDX-EXH
595574	4171963	4.04736	FDX-EXH
595594	4171963	4.0723	FDX-EXH
595614	4171963	3.98125	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4171963	3.77771	FDX-EXH
595654	4171963	3.50052	FDX-EXH
595674	4171963	3.33654	FDX-EXH
595694	4171963	3.3333	FDX-EXH
595714	4171963	3.3919	FDX-EXH
595734	4171963	3.58301	FDX-EXH
595754	4171963	3.83421	FDX-EXH
595774	4171963	3.94387	FDX-EXH
595794	4171963	3.92581	FDX-EXH
595814	4171963	3.79576	FDX-EXH
595834	4171963	3.60162	FDX-EXH
595854	4171963	3.36419	FDX-EXH
595874	4171963	3.11504	FDX-EXH
595894	4171963	2.89099	FDX-EXH
595914	4171963	2.67421	FDX-EXH
595934	4171963	2.48179	FDX-EXH
595154	4171983	0.93625	FDX-EXH
595174	4171983	1.02341	FDX-EXH
595194	4171983	1.12327	FDX-EXH
595214	4171983	1.23572	FDX-EXH
595234	4171983	1.36322	FDX-EXH
595254	4171983	1.503	FDX-EXH
595574	4171983	5.33231	FDX-EXH
595754	4172023	13.5508	FDX-EXH
595774	4172023	10.92585	FDX-EXH
595794	4172023	8.9392	FDX-EXH
595814	4172023	7.48367	FDX-EXH
595834	4172023	6.39793	FDX-EXH
595714	4172043	39.97594	FDX-EXH
595734	4172043	25.0258	FDX-EXH
595754	4172043	17.4127	FDX-EXH
595774	4172043	13.20754	FDX-EXH
595794	4172043	10.41737	FDX-EXH
595814	4172043	8.42961	FDX-EXH
595834	4172043	6.96252	FDX-EXH
595854	4172043	5.86208	FDX-EXH
595874	4172043	5.00354	FDX-EXH
595894	4172043	4.3197	FDX-EXH
595914	4172043	3.76478	FDX-EXH
595934	4172043	3.34266	FDX-EXH
595714	4172063	48.83499	FDX-EXH
595734	4172063	29.76998	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172063	20.3659	FDX-EXH
595774	4172063	14.95434	FDX-EXH
595794	4172063	11.48167	FDX-EXH
595814	4172063	9.11055	FDX-EXH
595834	4172063	7.40903	FDX-EXH
595854	4172063	6.15636	FDX-EXH
595874	4172063	5.19871	FDX-EXH
595894	4172063	4.44906	FDX-EXH
595914	4172063	3.85004	FDX-EXH
595934	4172063	3.36466	FDX-EXH
595714	4172083	52.74862	FDX-EXH
595734	4172083	31.85584	FDX-EXH
595754	4172083	21.50865	FDX-EXH
595774	4172083	15.57341	FDX-EXH
595794	4172083	11.82167	FDX-EXH
595814	4172083	9.29688	FDX-EXH
595834	4172083	7.51514	FDX-EXH
595854	4172083	6.20641	FDX-EXH
595874	4172083	5.21579	FDX-EXH
595894	4172083	4.44573	FDX-EXH
595914	4172083	3.83589	FDX-EXH
595934	4172083	3.34381	FDX-EXH
595114	4172103	0.46365	FDX-EXH
595134	4172103	0.50111	FDX-EXH
595714	4172103	50.47323	FDX-EXH
595734	4172103	30.57284	FDX-EXH
595754	4172103	20.77608	FDX-EXH
595774	4172103	15.07501	FDX-EXH
595794	4172103	11.46028	FDX-EXH
595814	4172103	9.01631	FDX-EXH
595834	4172103	7.29015	FDX-EXH
595854	4172103	6.02163	FDX-EXH
595874	4172103	5.06083	FDX-EXH
595894	4172103	4.3149	FDX-EXH
595914	4172103	3.72435	FDX-EXH
595934	4172103	3.24838	FDX-EXH
595094	4172123	0.38063	FDX-EXH
595114	4172123	0.40808	FDX-EXH
595134	4172123	0.43931	FDX-EXH
595694	4172123	68.81477	FDX-EXH
595714	4172123	40.82298	FDX-EXH
595734	4172123	26.18972	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172123	18.38866	FDX-EXH
595774	4172123	13.62046	FDX-EXH
595794	4172123	10.4975	FDX-EXH
595814	4172123	8.34256	FDX-EXH
595834	4172123	6.79373	FDX-EXH
595854	4172123	5.64308	FDX-EXH
595874	4172123	4.7643	FDX-EXH
595894	4172123	4.07829	FDX-EXH
595914	4172123	3.5319	FDX-EXH
595934	4172123	3.08957	FDX-EXH
595094	4172143	0.33491	FDX-EXH
595114	4172143	0.35765	FDX-EXH
595134	4172143	0.38333	FDX-EXH
595694	4172143	42.20236	FDX-EXH
595714	4172143	28.71446	FDX-EXH
595734	4172143	20.43657	FDX-EXH
595754	4172143	15.13527	FDX-EXH
595774	4172143	11.61041	FDX-EXH
595794	4172143	9.16785	FDX-EXH
595814	4172143	7.41519	FDX-EXH
595834	4172143	6.11896	FDX-EXH
595854	4172143	5.13511	FDX-EXH
595874	4172143	4.37143	FDX-EXH
595894	4172143	3.7676	FDX-EXH
595914	4172143	3.28165	FDX-EXH
595934	4172143	2.88475	FDX-EXH
595094	4172163	0.29465	FDX-EXH
595114	4172163	0.31363	FDX-EXH
595134	4172163	0.33458	FDX-EXH
595154	4172163	0.35903	FDX-EXH
595614	4172163	32.55873	FDX-EXH
595634	4172163	38.25224	FDX-EXH
595654	4172163	36.12121	FDX-EXH
595674	4172163	31.13585	FDX-EXH
595694	4172163	24.93271	FDX-EXH
595714	4172163	19.44294	FDX-EXH
595734	4172163	15.11827	FDX-EXH
595754	4172163	11.88081	FDX-EXH
595774	4172163	9.49951	FDX-EXH
595794	4172163	7.72978	FDX-EXH
595814	4172163	6.39413	FDX-EXH
595834	4172163	5.36849	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595854	4172163	4.56686	FDX-EXH
595874	4172163	3.93063	FDX-EXH
595894	4172163	3.41813	FDX-EXH
595914	4172163	2.9997	FDX-EXH
595074	4172183	0.24521	FDX-EXH
595094	4172183	0.25972	FDX-EXH
595114	4172183	0.27567	FDX-EXH
595134	4172183	0.29324	FDX-EXH
595154	4172183	0.31258	FDX-EXH
595614	4172183	14.24641	FDX-EXH
595634	4172183	17.11558	FDX-EXH
595654	4172183	18.48854	FDX-EXH
595674	4172183	17.47475	FDX-EXH
595694	4172183	15.52406	FDX-EXH
595714	4172183	13.24036	FDX-EXH
595734	4172183	11.048	FDX-EXH
595754	4172183	9.16071	FDX-EXH
595774	4172183	7.62276	FDX-EXH
595794	4172183	6.39366	FDX-EXH
595814	4172183	5.4146	FDX-EXH
595834	4172183	4.63165	FDX-EXH
595854	4172183	3.99981	FDX-EXH
595874	4172183	3.48509	FDX-EXH
595894	4172183	3.06157	FDX-EXH
595914	4172183	2.70991	FDX-EXH
595074	4172203	0.21835	FDX-EXH
595094	4172203	0.23073	FDX-EXH
595114	4172203	0.24413	FDX-EXH
595134	4172203	0.25902	FDX-EXH
595154	4172203	0.27531	FDX-EXH
595594	4172203	5.43964	FDX-EXH
595614	4172203	8.15833	FDX-EXH
595634	4172203	9.81064	FDX-EXH
595654	4172203	10.82854	FDX-EXH
595674	4172203	10.86849	FDX-EXH
595694	4172203	10.28117	FDX-EXH
595714	4172203	9.30969	FDX-EXH
595734	4172203	8.18874	FDX-EXH
595754	4172203	7.09274	FDX-EXH
595774	4172203	6.10756	FDX-EXH
595794	4172203	5.26337	FDX-EXH
595814	4172203	4.55577	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172203	3.96686	FDX-EXH
595854	4172203	3.47651	FDX-EXH
595874	4172203	3.06655	FDX-EXH
595894	4172203	2.72192	FDX-EXH
595914	4172203	2.43061	FDX-EXH
595074	4172223	0.19616	FDX-EXH
595094	4172223	0.20736	FDX-EXH
595114	4172223	0.21862	FDX-EXH
595134	4172223	0.23159	FDX-EXH
595154	4172223	0.24545	FDX-EXH
595594	4172223	3.69022	FDX-EXH
595614	4172223	4.86402	FDX-EXH
595634	4172223	6.28932	FDX-EXH
595654	4172223	7.00861	FDX-EXH
595674	4172223	7.289	FDX-EXH
595694	4172223	7.18138	FDX-EXH
595714	4172223	6.78162	FDX-EXH
595734	4172223	6.20573	FDX-EXH
595754	4172223	5.56606	FDX-EXH
595774	4172223	4.93329	FDX-EXH
595794	4172223	4.35241	FDX-EXH
595814	4172223	3.8404	FDX-EXH
595834	4172223	3.39784	FDX-EXH
595854	4172223	3.01812	FDX-EXH
595874	4172223	2.69276	FDX-EXH
595894	4172223	2.41376	FDX-EXH
595054	4172243	0.16985	FDX-EXH
595074	4172243	0.17858	FDX-EXH
595094	4172243	0.18849	FDX-EXH
595114	4172243	0.19845	FDX-EXH
595134	4172243	0.21002	FDX-EXH
595154	4172243	0.22325	FDX-EXH
595594	4172243	2.77423	FDX-EXH
595614	4172243	3.37371	FDX-EXH
595634	4172243	4.33521	FDX-EXH
595654	4172243	4.87613	FDX-EXH
595674	4172243	5.17676	FDX-EXH
595694	4172243	5.23722	FDX-EXH
595714	4172243	5.09455	FDX-EXH
595734	4172243	4.80526	FDX-EXH
595754	4172243	4.43375	FDX-EXH
595774	4172243	4.02758	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172243	3.62766	FDX-EXH
595814	4172243	3.25642	FDX-EXH
595834	4172243	2.92273	FDX-EXH
595854	4172243	2.6277	FDX-EXH
595874	4172243	2.36869	FDX-EXH
595894	4172243	2.14245	FDX-EXH
595054	4172263	0.15679	FDX-EXH
595074	4172263	0.16494	FDX-EXH
595094	4172263	0.17372	FDX-EXH
595114	4172263	0.18242	FDX-EXH
595134	4172263	0.19393	FDX-EXH
595154	4172263	0.20556	FDX-EXH
595594	4172263	2.18327	FDX-EXH
595614	4172263	2.58658	FDX-EXH
595634	4172263	3.17348	FDX-EXH
595654	4172263	3.57768	FDX-EXH
595674	4172263	3.84429	FDX-EXH
595694	4172263	3.95748	FDX-EXH
595714	4172263	3.93159	FDX-EXH
595734	4172263	3.79468	FDX-EXH
595754	4172263	3.58042	FDX-EXH
595774	4172263	3.32155	FDX-EXH
595794	4172263	3.04739	FDX-EXH
595814	4172263	2.77891	FDX-EXH
595834	4172263	2.52751	FDX-EXH
595854	4172263	2.29802	FDX-EXH
595874	4172263	2.09138	FDX-EXH
595894	4172263	1.90732	FDX-EXH
595054	4172283	0.14622	FDX-EXH
595074	4172283	0.15387	FDX-EXH
595094	4172283	0.16147	FDX-EXH
595114	4172283	0.17026	FDX-EXH
595134	4172283	0.18069	FDX-EXH
595154	4172283	0.19125	FDX-EXH
595174	4172283	0.20349	FDX-EXH
595574	4172283	1.38712	FDX-EXH
595594	4172283	1.71718	FDX-EXH
595614	4172283	2.08343	FDX-EXH
595634	4172283	2.42692	FDX-EXH
595654	4172283	2.73266	FDX-EXH
595674	4172283	2.9568	FDX-EXH
595694	4172283	3.08033	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172283	3.10664	FDX-EXH
595734	4172283	3.05012	FDX-EXH
595754	4172283	2.9295	FDX-EXH
595774	4172283	2.76546	FDX-EXH
595794	4172283	2.57835	FDX-EXH
595814	4172283	2.38503	FDX-EXH
595834	4172283	2.19639	FDX-EXH
595854	4172283	2.01847	FDX-EXH
595874	4172283	1.85396	FDX-EXH
595894	4172283	1.70406	FDX-EXH
595034	4172303	0.13127	FDX-EXH
595054	4172303	0.13785	FDX-EXH
595074	4172303	0.14497	FDX-EXH
595094	4172303	0.15172	FDX-EXH
595114	4172303	0.16084	FDX-EXH
595134	4172303	0.16987	FDX-EXH
595154	4172303	0.17994	FDX-EXH
595174	4172303	0.19126	FDX-EXH
595574	4172303	1.14991	FDX-EXH
595594	4172303	1.35933	FDX-EXH
595614	4172303	1.66387	FDX-EXH
595634	4172303	1.91829	FDX-EXH
595654	4172303	2.1536	FDX-EXH
595674	4172303	2.33895	FDX-EXH
595694	4172303	2.45701	FDX-EXH
595714	4172303	2.50555	FDX-EXH
595734	4172303	2.49245	FDX-EXH
595754	4172303	2.42762	FDX-EXH
595774	4172303	2.32431	FDX-EXH
595794	4172303	2.19685	FDX-EXH
595814	4172303	2.0578	FDX-EXH
595834	4172303	1.91675	FDX-EXH
595854	4172303	1.7794	FDX-EXH
595874	4172303	1.64895	FDX-EXH
595034	4172323	0.12478	FDX-EXH
595054	4172323	0.13108	FDX-EXH
595074	4172323	0.13752	FDX-EXH
595094	4172323	0.1441	FDX-EXH
595114	4172323	0.15212	FDX-EXH
595134	4172323	0.16101	FDX-EXH
595154	4172323	0.17045	FDX-EXH
595174	4172323	0.18091	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172323	0.98132	FDX-EXH
595594	4172323	1.12209	FDX-EXH
595614	4172323	1.36078	FDX-EXH
595634	4172323	1.55491	FDX-EXH
595654	4172323	1.73965	FDX-EXH
595674	4172323	1.89301	FDX-EXH
595694	4172323	2.00006	FDX-EXH
595714	4172323	2.05709	FDX-EXH
595734	4172323	2.06711	FDX-EXH
595754	4172323	2.03592	FDX-EXH
595774	4172323	1.97203	FDX-EXH
595794	4172323	1.88529	FDX-EXH
595814	4172323	1.78527	FDX-EXH
595834	4172323	1.6797	FDX-EXH
595854	4172323	1.57371	FDX-EXH
595874	4172323	1.47052	FDX-EXH
595034	4172343	0.11937	FDX-EXH
595054	4172343	0.12532	FDX-EXH
595074	4172343	0.1317	FDX-EXH
595094	4172343	0.13841	FDX-EXH
595114	4172343	0.14536	FDX-EXH
595134	4172343	0.15328	FDX-EXH
595154	4172343	0.16214	FDX-EXH
595574	4172343	0.85511	FDX-EXH
595594	4172343	0.96983	FDX-EXH
595614	4172343	1.13614	FDX-EXH
595634	4172343	1.28606	FDX-EXH
595654	4172343	1.43213	FDX-EXH
595674	4172343	1.55917	FDX-EXH
595694	4172343	1.65524	FDX-EXH
595714	4172343	1.7146	FDX-EXH
595734	4172343	1.73697	FDX-EXH
595754	4172343	1.72639	FDX-EXH
595774	4172343	1.6884	FDX-EXH
595794	4172343	1.62979	FDX-EXH
595814	4172343	1.55773	FDX-EXH
595834	4172343	1.47839	FDX-EXH
595854	4172343	1.39631	FDX-EXH
595874	4172343	1.31481	FDX-EXH
595554	4172363	0.6436	FDX-EXH
595574	4172363	0.73895	FDX-EXH
595594	4172363	0.84963	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172363	0.9666	FDX-EXH
595634	4172363	1.08618	FDX-EXH
595654	4172363	1.20312	FDX-EXH
595674	4172363	1.3073	FDX-EXH
595694	4172363	1.39012	FDX-EXH
595714	4172363	1.44639	FDX-EXH
595734	4172363	1.47499	FDX-EXH
595754	4172363	1.47775	FDX-EXH
595774	4172363	1.45746	FDX-EXH
595794	4172363	1.41896	FDX-EXH
595814	4172363	1.36712	FDX-EXH
595834	4172363	1.30726	FDX-EXH
595854	4172363	1.24351	FDX-EXH
595874	4172363	1.17877	FDX-EXH
595554	4172383	0.56385	FDX-EXH
595574	4172383	0.63491	FDX-EXH
595594	4172383	0.73849	FDX-EXH
595614	4172383	0.83023	FDX-EXH
595634	4172383	0.92701	FDX-EXH
595654	4172383	1.02344	FDX-EXH
595674	4172383	1.11138	FDX-EXH
595694	4172383	1.18441	FDX-EXH
595714	4172383	1.23728	FDX-EXH
595734	4172383	1.26782	FDX-EXH
595754	4172383	1.27717	FDX-EXH
595774	4172383	1.26783	FDX-EXH
595794	4172383	1.24302	FDX-EXH
595814	4172383	1.20624	FDX-EXH
595834	4172383	1.16149	FDX-EXH
595854	4172383	1.11197	FDX-EXH
595554	4172403	0.5094	FDX-EXH
595574	4172403	0.55903	FDX-EXH
595594	4172403	0.64723	FDX-EXH
595614	4172403	0.72141	FDX-EXH
595634	4172403	0.8005	FDX-EXH
595654	4172403	0.88029	FDX-EXH
595674	4172403	0.95475	FDX-EXH
595694	4172403	1.01766	FDX-EXH
595714	4172403	1.06645	FDX-EXH
595734	4172403	1.09832	FDX-EXH
595754	4172403	1.11317	FDX-EXH
595774	4172403	1.11203	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172403	1.09695	FDX-EXH
595814	4172403	1.07062	FDX-EXH
595834	4172403	1.03667	FDX-EXH
595854	4172403	0.99788	FDX-EXH
595074	4172423	0.11203	FDX-EXH
595094	4172423	0.11698	FDX-EXH
595554	4172423	0.46713	FDX-EXH
595574	4172423	0.50377	FDX-EXH
595594	4172423	0.57179	FDX-EXH
595614	4172423	0.63334	FDX-EXH
595634	4172423	0.69863	FDX-EXH
595654	4172423	0.76517	FDX-EXH
595674	4172423	0.82797	FDX-EXH
595694	4172423	0.88361	FDX-EXH
595714	4172423	0.92804	FDX-EXH
595734	4172423	0.95941	FDX-EXH
595754	4172423	0.97705	FDX-EXH
595774	4172423	0.98092	FDX-EXH
595794	4172423	0.97303	FDX-EXH
595814	4172423	0.95482	FDX-EXH
595834	4172423	0.92933	FDX-EXH
595854	4172423	0.89953	FDX-EXH
595074	4172443	0.10739	FDX-EXH
595094	4172443	0.11201	FDX-EXH
595114	4172443	0.11689	FDX-EXH
595134	4172443	0.12225	FDX-EXH
595534	4172443	0.37465	FDX-EXH
595554	4172443	0.41378	FDX-EXH
595574	4172443	0.45772	FDX-EXH
595594	4172443	0.50853	FDX-EXH
595614	4172443	0.56027	FDX-EXH
595634	4172443	0.61544	FDX-EXH
595654	4172443	0.67156	FDX-EXH
595674	4172443	0.72508	FDX-EXH
595694	4172443	0.77357	FDX-EXH
595714	4172443	0.81433	FDX-EXH
595734	4172443	0.84467	FDX-EXH
595754	4172443	0.86318	FDX-EXH
595774	4172443	0.87056	FDX-EXH
595794	4172443	0.86774	FDX-EXH
595814	4172443	0.8557	FDX-EXH
595834	4172443	0.83673	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595854	4172443	0.81301	FDX-EXH
595054	4172463	0.09911	FDX-EXH
595074	4172463	0.10306	FDX-EXH
595094	4172463	0.10731	FDX-EXH
595114	4172463	0.11194	FDX-EXH
595534	4172463	0.34021	FDX-EXH
595554	4172463	0.36833	FDX-EXH
595574	4172463	0.40661	FDX-EXH
595594	4172463	0.45462	FDX-EXH
595614	4172463	0.49939	FDX-EXH
595634	4172463	0.54648	FDX-EXH
595654	4172463	0.59465	FDX-EXH
595674	4172463	0.64085	FDX-EXH
595694	4172463	0.68333	FDX-EXH
595714	4172463	0.71954	FDX-EXH
595734	4172463	0.74786	FDX-EXH
595754	4172463	0.76692	FDX-EXH
595774	4172463	0.77666	FDX-EXH
595794	4172463	0.77765	FDX-EXH
595814	4172463	0.77013	FDX-EXH
595834	4172463	0.75662	FDX-EXH
595054	4172483	0.0944	FDX-EXH
595074	4172483	0.09891	FDX-EXH
595094	4172483	0.10303	FDX-EXH
595114	4172483	0.10752	FDX-EXH
595534	4172483	0.31422	FDX-EXH
595554	4172483	0.33591	FDX-EXH
595574	4172483	0.37067	FDX-EXH
595594	4172483	0.40778	FDX-EXH
595614	4172483	0.44415	FDX-EXH
595634	4172483	0.48629	FDX-EXH
595654	4172483	0.52937	FDX-EXH
595674	4172483	0.57008	FDX-EXH
595694	4172483	0.60744	FDX-EXH
595714	4172483	0.63997	FDX-EXH
595734	4172483	0.66619	FDX-EXH
595754	4172483	0.68518	FDX-EXH
595774	4172483	0.69638	FDX-EXH
595794	4172483	0.69988	FDX-EXH
595814	4172483	0.696	FDX-EXH
595834	4172483	0.68644	FDX-EXH
595034	4172503	0.08819	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595054	4172503	0.09125	FDX-EXH
595074	4172503	0.09496	FDX-EXH
595094	4172503	0.09906	FDX-EXH
595114	4172503	0.1037	FDX-EXH
595534	4172503	0.29138	FDX-EXH
595554	4172503	0.30888	FDX-EXH
595574	4172503	0.33974	FDX-EXH
595594	4172503	0.36965	FDX-EXH
595614	4172503	0.40142	FDX-EXH
595634	4172503	0.43725	FDX-EXH
595654	4172503	0.47345	FDX-EXH
595674	4172503	0.50566	FDX-EXH
595694	4172503	0.5428	FDX-EXH
595714	4172503	0.57214	FDX-EXH
595734	4172503	0.59676	FDX-EXH
595754	4172503	0.61487	FDX-EXH
595774	4172503	0.62711	FDX-EXH
595794	4172503	0.63281	FDX-EXH
595814	4172503	0.63154	FDX-EXH
595834	4172503	0.62514	FDX-EXH
595034	4172523	0.08494	FDX-EXH
595054	4172523	0.08825	FDX-EXH
595074	4172523	0.09188	FDX-EXH
595094	4172523	0.09562	FDX-EXH
595514	4172523	0.24772	FDX-EXH
595534	4172523	0.26622	FDX-EXH
595554	4172523	0.28801	FDX-EXH
595574	4172523	0.31764	FDX-EXH
595594	4172523	0.34155	FDX-EXH
595614	4172523	0.37075	FDX-EXH
595634	4172523	0.39941	FDX-EXH
595654	4172523	0.42532	FDX-EXH
595674	4172523	0.45907	FDX-EXH
595694	4172523	0.48606	FDX-EXH
595714	4172523	0.51269	FDX-EXH
595734	4172523	0.53581	FDX-EXH
595754	4172523	0.55426	FDX-EXH
595774	4172523	0.56695	FDX-EXH
595794	4172523	0.57427	FDX-EXH
595814	4172523	0.57505	FDX-EXH
595834	4172523	0.5712	FDX-EXH
595034	4172543	0.08201	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595054	4172543	0.08533	FDX-EXH
595074	4172543	0.08888	FDX-EXH
595094	4172543	0.09288	FDX-EXH
595514	4172543	0.22984	FDX-EXH
595534	4172543	0.24498	FDX-EXH
595554	4172543	0.26648	FDX-EXH
595574	4172543	0.29069	FDX-EXH
595594	4172543	0.31262	FDX-EXH
595614	4172543	0.33707	FDX-EXH
595634	4172543	0.36443	FDX-EXH
595654	4172543	0.39118	FDX-EXH
595674	4172543	0.41616	FDX-EXH
595694	4172543	0.44246	FDX-EXH
595714	4172543	0.46719	FDX-EXH
595734	4172543	0.4844	FDX-EXH
595754	4172543	0.50171	FDX-EXH
595774	4172543	0.51281	FDX-EXH
595794	4172543	0.52279	FDX-EXH
595814	4172543	0.52538	FDX-EXH
595014	4172563	0.07657	FDX-EXH
595034	4172563	0.07949	FDX-EXH
595054	4172563	0.08272	FDX-EXH
595074	4172563	0.08622	FDX-EXH
595094	4172563	0.09016	FDX-EXH
595514	4172563	0.21666	FDX-EXH
595534	4172563	0.22917	FDX-EXH
595554	4172563	0.25143	FDX-EXH
595574	4172563	0.26781	FDX-EXH
595594	4172563	0.28738	FDX-EXH
595614	4172563	0.30913	FDX-EXH
595634	4172563	0.33134	FDX-EXH
595654	4172563	0.35627	FDX-EXH
595674	4172563	0.37868	FDX-EXH
595694	4172563	0.40132	FDX-EXH
595714	4172563	0.42244	FDX-EXH
595734	4172563	0.44199	FDX-EXH
595754	4172563	0.45614	FDX-EXH
595774	4172563	0.46759	FDX-EXH
595794	4172563	0.47811	FDX-EXH
595814	4172563	0.48153	FDX-EXH
595014	4172583	0.07434	FDX-EXH
595034	4172583	0.07722	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595054	4172583	0.08047	FDX-EXH
595074	4172583	0.0839	FDX-EXH
595494	4172583	0.18889	FDX-EXH
595514	4172583	0.20205	FDX-EXH
595534	4172583	0.21442	FDX-EXH
595554	4172583	0.23263	FDX-EXH
595574	4172583	0.24795	FDX-EXH
595594	4172583	0.26557	FDX-EXH
595614	4172583	0.2856	FDX-EXH
595634	4172583	0.30463	FDX-EXH
595654	4172583	0.32552	FDX-EXH
595674	4172583	0.34617	FDX-EXH
595694	4172583	0.36639	FDX-EXH
595714	4172583	0.38545	FDX-EXH
595734	4172583	0.40374	FDX-EXH
595754	4172583	0.41708	FDX-EXH
595774	4172583	0.43015	FDX-EXH
595794	4172583	0.4384	FDX-EXH
595814	4172583	0.44276	FDX-EXH
595034	4172603	0.07538	FDX-EXH
595054	4172603	0.07848	FDX-EXH
595074	4172603	0.0818	FDX-EXH
595494	4172603	0.17754	FDX-EXH
595514	4172603	0.18705	FDX-EXH
595534	4172603	0.20094	FDX-EXH
595554	4172603	0.21684	FDX-EXH
595574	4172603	0.2304	FDX-EXH
595594	4172603	0.24628	FDX-EXH
595614	4172603	0.26474	FDX-EXH
595634	4172603	0.28236	FDX-EXH
595654	4172603	0.29931	FDX-EXH
595674	4172603	0.31772	FDX-EXH
595694	4172603	0.33583	FDX-EXH
595714	4172603	0.35306	FDX-EXH
595734	4172603	0.36955	FDX-EXH
595754	4172603	0.38168	FDX-EXH
595774	4172603	0.39502	FDX-EXH
595794	4172603	0.40296	FDX-EXH
595474	4172623	0.15803	FDX-EXH
595494	4172623	0.16909	FDX-EXH
595514	4172623	0.17652	FDX-EXH
595534	4172623	0.18865	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172623	0.2007	FDX-EXH
595574	4172623	0.21571	FDX-EXH
595594	4172623	0.23024	FDX-EXH
595614	4172623	0.24306	FDX-EXH
595634	4172623	0.26093	FDX-EXH
595654	4172623	0.27729	FDX-EXH
595674	4172623	0.29343	FDX-EXH
595694	4172623	0.30897	FDX-EXH
595714	4172623	0.32492	FDX-EXH
595734	4172623	0.33848	FDX-EXH
595754	4172623	0.35243	FDX-EXH
595774	4172623	0.3636	FDX-EXH
595794	4172623	0.37151	FDX-EXH
595814	4172623	0.37667	FDX-EXH
595474	4172643	0.1492	FDX-EXH
595494	4172643	0.15635	FDX-EXH
595514	4172643	0.16714	FDX-EXH
595534	4172643	0.17672	FDX-EXH
595554	4172643	0.18751	FDX-EXH
595574	4172643	0.19871	FDX-EXH
595594	4172643	0.21157	FDX-EXH
595614	4172643	0.22828	FDX-EXH
595634	4172643	0.24114	FDX-EXH
595654	4172643	0.25652	FDX-EXH
595674	4172643	0.27129	FDX-EXH
595694	4172643	0.28566	FDX-EXH
595714	4172643	0.29963	FDX-EXH
595734	4172643	0.31228	FDX-EXH
595754	4172643	0.32558	FDX-EXH
595774	4172643	0.3354	FDX-EXH
595794	4172643	0.34324	FDX-EXH
595814	4172643	0.34871	FDX-EXH
595474	4172663	0.14145	FDX-EXH
595494	4172663	0.14811	FDX-EXH
595514	4172663	0.15753	FDX-EXH
595534	4172663	0.16633	FDX-EXH
595554	4172663	0.17602	FDX-EXH
595574	4172663	0.18631	FDX-EXH
595594	4172663	0.1981	FDX-EXH
595614	4172663	0.21202	FDX-EXH
595634	4172663	0.22418	FDX-EXH
595654	4172663	0.23743	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172663	0.25064	FDX-EXH
595694	4172663	0.26477	FDX-EXH
595714	4172663	0.27597	FDX-EXH
595734	4172663	0.28893	FDX-EXH
595754	4172663	0.30115	FDX-EXH
595774	4172663	0.31023	FDX-EXH
595794	4172663	0.31796	FDX-EXH
595814	4172663	0.32365	FDX-EXH
595454	4172683	0.1274	FDX-EXH
595474	4172683	0.13383	FDX-EXH
595494	4172683	0.14088	FDX-EXH
595514	4172683	0.14896	FDX-EXH
595534	4172683	0.15699	FDX-EXH
595554	4172683	0.16578	FDX-EXH
595574	4172683	0.1753	FDX-EXH
595594	4172683	0.18764	FDX-EXH
595614	4172683	0.19785	FDX-EXH
595634	4172683	0.20931	FDX-EXH
595654	4172683	0.22117	FDX-EXH
595674	4172683	0.2331	FDX-EXH
595694	4172683	0.24615	FDX-EXH
595714	4172683	0.25703	FDX-EXH
595734	4172683	0.26914	FDX-EXH
595754	4172683	0.27866	FDX-EXH
595774	4172683	0.28665	FDX-EXH
595794	4172683	0.29461	FDX-EXH
595814	4172683	0.30054	FDX-EXH
595474	4172703	0.12683	FDX-EXH
595494	4172703	0.1328	FDX-EXH
595514	4172703	0.1399	FDX-EXH
595534	4172703	0.14816	FDX-EXH
595554	4172703	0.1566	FDX-EXH
595574	4172703	0.16516	FDX-EXH
595594	4172703	0.17628	FDX-EXH
595614	4172703	0.18544	FDX-EXH
595634	4172703	0.19584	FDX-EXH
595654	4172703	0.20648	FDX-EXH
595674	4172703	0.21751	FDX-EXH
595694	4172703	0.22826	FDX-EXH
595714	4172703	0.23845	FDX-EXH
595734	4172703	0.25034	FDX-EXH
595754	4172703	0.259	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172703	0.26707	FDX-EXH
595794	4172703	0.27412	FDX-EXH
595814	4172703	0.27979	FDX-EXH
595834	4172703	0.28411	FDX-EXH
595294	4172723	0.08304	FDX-EXH
595314	4172723	0.08592	FDX-EXH
595514	4172723	0.13335	FDX-EXH
595534	4172723	0.1396	FDX-EXH
595554	4172723	0.14686	FDX-EXH
595574	4172723	0.15555	FDX-EXH
595594	4172723	0.16621	FDX-EXH
595614	4172723	0.17463	FDX-EXH
595634	4172723	0.18368	FDX-EXH
595654	4172723	0.19332	FDX-EXH
595674	4172723	0.20374	FDX-EXH
595694	4172723	0.21285	FDX-EXH
595714	4172723	0.22378	FDX-EXH
595734	4172723	0.23319	FDX-EXH
595754	4172723	0.24086	FDX-EXH
595774	4172723	0.24869	FDX-EXH
595794	4172723	0.2541	FDX-EXH
595814	4172723	0.26	FDX-EXH
595834	4172723	0.26457	FDX-EXH
595294	4172743	0.07976	FDX-EXH
595314	4172743	0.08248	FDX-EXH
595334	4172743	0.08565	FDX-EXH
595354	4172743	0.08963	FDX-EXH
595374	4172743	0.09325	FDX-EXH
595534	4172743	0.13349	FDX-EXH
595554	4172743	0.13996	FDX-EXH
595574	4172743	0.14663	FDX-EXH
595594	4172743	0.15454	FDX-EXH
595614	4172743	0.16323	FDX-EXH
595634	4172743	0.1734	FDX-EXH
595654	4172743	0.18186	FDX-EXH
595674	4172743	0.19079	FDX-EXH
595694	4172743	0.19893	FDX-EXH
595714	4172743	0.20906	FDX-EXH
595734	4172743	0.21767	FDX-EXH
595754	4172743	0.22487	FDX-EXH
595774	4172743	0.23114	FDX-EXH
595794	4172743	0.23786	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172743	0.24363	FDX-EXH
595834	4172743	0.24813	FDX-EXH
595274	4172763	0.07434	FDX-EXH
595294	4172763	0.07681	FDX-EXH
595314	4172763	0.07931	FDX-EXH
595334	4172763	0.08238	FDX-EXH
595354	4172763	0.08603	FDX-EXH
595374	4172763	0.08913	FDX-EXH
595394	4172763	0.09305	FDX-EXH
595414	4172763	0.09719	FDX-EXH
595534	4172763	0.12674	FDX-EXH
595554	4172763	0.13289	FDX-EXH
595574	4172763	0.13959	FDX-EXH
595594	4172763	0.14657	FDX-EXH
595614	4172763	0.15356	FDX-EXH
595634	4172763	0.16111	FDX-EXH
595654	4172763	0.16948	FDX-EXH
595674	4172763	0.17806	FDX-EXH
595694	4172763	0.18626	FDX-EXH
595714	4172763	0.19516	FDX-EXH
595734	4172763	0.20322	FDX-EXH
595754	4172763	0.21034	FDX-EXH
595774	4172763	0.21686	FDX-EXH
595794	4172763	0.22322	FDX-EXH
595814	4172763	0.22874	FDX-EXH
594934	4172783	0.05208	FDX-EXH
594954	4172783	0.05334	FDX-EXH
594974	4172783	0.05458	FDX-EXH
595274	4172783	0.07144	FDX-EXH
595294	4172783	0.07391	FDX-EXH
595314	4172783	0.0768	FDX-EXH
595334	4172783	0.07961	FDX-EXH
595354	4172783	0.08226	FDX-EXH
595374	4172783	0.08542	FDX-EXH
595394	4172783	0.08894	FDX-EXH
595414	4172783	0.09274	FDX-EXH
595434	4172783	0.0968	FDX-EXH
595454	4172783	0.10122	FDX-EXH
595514	4172783	0.11523	FDX-EXH
595534	4172783	0.12057	FDX-EXH
595554	4172783	0.12624	FDX-EXH
595574	4172783	0.13251	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172783	0.1388	FDX-EXH
595614	4172783	0.14565	FDX-EXH
595634	4172783	0.15259	FDX-EXH
595654	4172783	0.15979	FDX-EXH
595674	4172783	0.16692	FDX-EXH
595694	4172783	0.17447	FDX-EXH
595714	4172783	0.18316	FDX-EXH
595734	4172783	0.19099	FDX-EXH
595754	4172783	0.19821	FDX-EXH
595774	4172783	0.20511	FDX-EXH
595794	4172783	0.21123	FDX-EXH
595814	4172783	0.21572	FDX-EXH
594894	4172803	0.04804	FDX-EXH
594914	4172803	0.04943	FDX-EXH
594934	4172803	0.05077	FDX-EXH
594954	4172803	0.05191	FDX-EXH
594974	4172803	0.05292	FDX-EXH
595274	4172803	0.06866	FDX-EXH
595294	4172803	0.07092	FDX-EXH
595314	4172803	0.0736	FDX-EXH
595334	4172803	0.0767	FDX-EXH
595354	4172803	0.07925	FDX-EXH
595374	4172803	0.08219	FDX-EXH
595394	4172803	0.08543	FDX-EXH
595414	4172803	0.08895	FDX-EXH
595434	4172803	0.0926	FDX-EXH
595454	4172803	0.09647	FDX-EXH
595474	4172803	0.10075	FDX-EXH
595494	4172803	0.10534	FDX-EXH
595514	4172803	0.11012	FDX-EXH
595534	4172803	0.11497	FDX-EXH
595554	4172803	0.12013	FDX-EXH
595574	4172803	0.12588	FDX-EXH
595594	4172803	0.13161	FDX-EXH
595614	4172803	0.13794	FDX-EXH
595634	4172803	0.14445	FDX-EXH
595654	4172803	0.15109	FDX-EXH
595674	4172803	0.15785	FDX-EXH
595694	4172803	0.16436	FDX-EXH
595714	4172803	0.17108	FDX-EXH
595734	4172803	0.17832	FDX-EXH
595754	4172803	0.18518	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172803	0.19162	FDX-EXH
595794	4172803	0.19735	FDX-EXH
595814	4172803	0.20235	FDX-EXH
594874	4172823	0.04576	FDX-EXH
594894	4172823	0.0471	FDX-EXH
594914	4172823	0.04833	FDX-EXH
594934	4172823	0.04942	FDX-EXH
594954	4172823	0.05034	FDX-EXH
595254	4172823	0.06408	FDX-EXH
595274	4172823	0.06615	FDX-EXH
595294	4172823	0.06841	FDX-EXH
595314	4172823	0.0711	FDX-EXH
595334	4172823	0.07365	FDX-EXH
595354	4172823	0.07626	FDX-EXH
595374	4172823	0.07923	FDX-EXH
595394	4172823	0.08224	FDX-EXH
595414	4172823	0.08541	FDX-EXH
595434	4172823	0.08885	FDX-EXH
595454	4172823	0.09245	FDX-EXH
595474	4172823	0.09621	FDX-EXH
595494	4172823	0.10036	FDX-EXH
595514	4172823	0.10477	FDX-EXH
595534	4172823	0.10953	FDX-EXH
595554	4172823	0.11456	FDX-EXH
595574	4172823	0.1198	FDX-EXH
595594	4172823	0.12517	FDX-EXH
595614	4172823	0.13094	FDX-EXH
595634	4172823	0.13683	FDX-EXH
595654	4172823	0.14299	FDX-EXH
595674	4172823	0.14926	FDX-EXH
595694	4172823	0.15472	FDX-EXH
595714	4172823	0.16099	FDX-EXH
595734	4172823	0.16768	FDX-EXH
595754	4172823	0.174	FDX-EXH
595774	4172823	0.17999	FDX-EXH
595794	4172823	0.18548	FDX-EXH
595814	4172823	0.19024	FDX-EXH
594874	4172843	0.04498	FDX-EXH
594894	4172843	0.04604	FDX-EXH
594914	4172843	0.04709	FDX-EXH
594934	4172843	0.04797	FDX-EXH
594954	4172843	0.04866	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595254	4172843	0.06183	FDX-EXH
595274	4172843	0.06395	FDX-EXH
595294	4172843	0.06614	FDX-EXH
595314	4172843	0.06869	FDX-EXH
595334	4172843	0.07094	FDX-EXH
595354	4172843	0.07353	FDX-EXH
595374	4172843	0.0763	FDX-EXH
595394	4172843	0.07918	FDX-EXH
595414	4172843	0.08225	FDX-EXH
595434	4172843	0.08541	FDX-EXH
595454	4172843	0.08878	FDX-EXH
595474	4172843	0.0922	FDX-EXH
595494	4172843	0.09603	FDX-EXH
595514	4172843	0.10012	FDX-EXH
595534	4172843	0.10438	FDX-EXH
595554	4172843	0.10899	FDX-EXH
595574	4172843	0.11403	FDX-EXH
595594	4172843	0.11913	FDX-EXH
595614	4172843	0.12422	FDX-EXH
595634	4172843	0.12978	FDX-EXH
595654	4172843	0.13543	FDX-EXH
595674	4172843	0.14117	FDX-EXH
595694	4172843	0.14441	FDX-EXH
595714	4172843	0.15229	FDX-EXH
595734	4172843	0.15832	FDX-EXH
595754	4172843	0.16423	FDX-EXH
595774	4172843	0.16986	FDX-EXH
595794	4172843	0.17508	FDX-EXH
595814	4172843	0.1797	FDX-EXH
594854	4172863	0.043	FDX-EXH
594874	4172863	0.04407	FDX-EXH
594894	4172863	0.04492	FDX-EXH
594914	4172863	0.0457	FDX-EXH
594934	4172863	0.04641	FDX-EXH
595234	4172863	0.0579	FDX-EXH
595254	4172863	0.0597	FDX-EXH
595274	4172863	0.06167	FDX-EXH
595294	4172863	0.064	FDX-EXH
595314	4172863	0.06624	FDX-EXH
595334	4172863	0.06853	FDX-EXH
595354	4172863	0.07093	FDX-EXH
595374	4172863	0.07361	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595394	4172863	0.07624	FDX-EXH
595414	4172863	0.07913	FDX-EXH
595434	4172863	0.08216	FDX-EXH
595454	4172863	0.08542	FDX-EXH
595474	4172863	0.08867	FDX-EXH
595494	4172863	0.09216	FDX-EXH
595514	4172863	0.09585	FDX-EXH
595534	4172863	0.09972	FDX-EXH
595554	4172863	0.104	FDX-EXH
595574	4172863	0.1088	FDX-EXH
595594	4172863	0.1136	FDX-EXH
595614	4172863	0.11865	FDX-EXH
595634	4172863	0.12322	FDX-EXH
595654	4172863	0.12838	FDX-EXH
595674	4172863	0.13341	FDX-EXH
595694	4172863	0.13834	FDX-EXH
595714	4172863	0.1441	FDX-EXH
595734	4172863	0.14971	FDX-EXH
595754	4172863	0.15522	FDX-EXH
595774	4172863	0.16051	FDX-EXH
595794	4172863	0.16545	FDX-EXH
594854	4172883	0.04209	FDX-EXH
594874	4172883	0.04294	FDX-EXH
594894	4172883	0.04365	FDX-EXH
594914	4172883	0.04425	FDX-EXH
595234	4172883	0.05604	FDX-EXH
595254	4172883	0.05778	FDX-EXH
595274	4172883	0.05966	FDX-EXH
595294	4172883	0.06178	FDX-EXH
595314	4172883	0.06386	FDX-EXH
595334	4172883	0.06622	FDX-EXH
595354	4172883	0.06868	FDX-EXH
595374	4172883	0.07119	FDX-EXH
595394	4172883	0.0736	FDX-EXH
595414	4172883	0.07627	FDX-EXH
595434	4172883	0.07922	FDX-EXH
595454	4172883	0.08207	FDX-EXH
595474	4172883	0.08517	FDX-EXH
595494	4172883	0.08841	FDX-EXH
595514	4172883	0.09198	FDX-EXH
595534	4172883	0.09563	FDX-EXH
595554	4172883	0.09964	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172883	0.10398	FDX-EXH
595594	4172883	0.10821	FDX-EXH
595614	4172883	0.11269	FDX-EXH
595634	4172883	0.11736	FDX-EXH
595654	4172883	0.12223	FDX-EXH
595674	4172883	0.1259	FDX-EXH
595694	4172883	0.13137	FDX-EXH
595714	4172883	0.13658	FDX-EXH
595734	4172883	0.1418	FDX-EXH
595754	4172883	0.14694	FDX-EXH
595774	4172883	0.15192	FDX-EXH
595794	4172883	0.15659	FDX-EXH
594854	4172903	0.0411	FDX-EXH
594874	4172903	0.04178	FDX-EXH
594894	4172903	0.04231	FDX-EXH
594914	4172903	0.04274	FDX-EXH
595234	4172903	0.0543	FDX-EXH
595254	4172903	0.05597	FDX-EXH
595274	4172903	0.0578	FDX-EXH
595294	4172903	0.05977	FDX-EXH
595314	4172903	0.06175	FDX-EXH
595334	4172903	0.06399	FDX-EXH
595354	4172903	0.06617	FDX-EXH
595374	4172903	0.06859	FDX-EXH
595394	4172903	0.07119	FDX-EXH
595414	4172903	0.07375	FDX-EXH
595434	4172903	0.07634	FDX-EXH
595454	4172903	0.079	FDX-EXH
595474	4172903	0.08183	FDX-EXH
595494	4172903	0.08491	FDX-EXH
595514	4172903	0.08813	FDX-EXH
595534	4172903	0.09158	FDX-EXH
595554	4172903	0.09543	FDX-EXH
595574	4172903	0.09942	FDX-EXH
595594	4172903	0.10327	FDX-EXH
595614	4172903	0.10737	FDX-EXH
595634	4172903	0.11176	FDX-EXH
595654	4172903	0.11618	FDX-EXH
595674	4172903	0.11968	FDX-EXH
595694	4172903	0.12481	FDX-EXH
595714	4172903	0.12964	FDX-EXH
595734	4172903	0.1345	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172903	0.13931	FDX-EXH
595774	4172903	0.14399	FDX-EXH
595794	4172903	0.14842	FDX-EXH
594854	4172923	0.04001	FDX-EXH
594874	4172923	0.04054	FDX-EXH
594894	4172923	0.04093	FDX-EXH
594914	4172923	0.04123	FDX-EXH
595254	4172923	0.0543	FDX-EXH
595274	4172923	0.05604	FDX-EXH
595294	4172923	0.05785	FDX-EXH
595314	4172923	0.05978	FDX-EXH
595334	4172923	0.06192	FDX-EXH
595354	4172923	0.06396	FDX-EXH
595374	4172923	0.06617	FDX-EXH
595394	4172923	0.06849	FDX-EXH
595414	4172923	0.07097	FDX-EXH
595434	4172923	0.07356	FDX-EXH
595454	4172923	0.07615	FDX-EXH
595474	4172923	0.07884	FDX-EXH
595494	4172923	0.08157	FDX-EXH
595514	4172923	0.08458	FDX-EXH
595534	4172923	0.08779	FDX-EXH
595554	4172923	0.09143	FDX-EXH
595574	4172923	0.09503	FDX-EXH
595594	4172923	0.09872	FDX-EXH
595614	4172923	0.10272	FDX-EXH
595634	4172923	0.10667	FDX-EXH
595654	4172923	0.10985	FDX-EXH
595674	4172923	0.1143	FDX-EXH
595694	4172923	0.11873	FDX-EXH
595714	4172923	0.12323	FDX-EXH
595734	4172923	0.12776	FDX-EXH
595754	4172923	0.13227	FDX-EXH
595774	4172923	0.13667	FDX-EXH
595314	4172943	0.05795	FDX-EXH
595334	4172943	0.05988	FDX-EXH
595354	4172943	0.0619	FDX-EXH
595374	4172943	0.06398	FDX-EXH
595394	4172943	0.06622	FDX-EXH
595414	4172943	0.06845	FDX-EXH
595434	4172943	0.07079	FDX-EXH
595454	4172943	0.07323	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4172943	0.07582	FDX-EXH
595494	4172943	0.07856	FDX-EXH
595514	4172943	0.0814	FDX-EXH
595534	4172943	0.08442	FDX-EXH
595554	4172943	0.08767	FDX-EXH
595574	4172943	0.09093	FDX-EXH
595594	4172943	0.09449	FDX-EXH
595614	4172943	0.09822	FDX-EXH
595634	4172943	0.10187	FDX-EXH
595654	4172943	0.10348	FDX-EXH
595674	4172943	0.1088	FDX-EXH
595694	4172943	0.11311	FDX-EXH
595714	4172943	0.11728	FDX-EXH
595734	4172943	0.12151	FDX-EXH
595754	4172943	0.12573	FDX-EXH
595774	4172943	0.12987	FDX-EXH
595314	4172963	0.05614	FDX-EXH
595334	4172963	0.05808	FDX-EXH
595354	4172963	0.05997	FDX-EXH
595374	4172963	0.06194	FDX-EXH
595394	4172963	0.06398	FDX-EXH
595414	4172963	0.06607	FDX-EXH
595434	4172963	0.06828	FDX-EXH
595454	4172963	0.07054	FDX-EXH
595474	4172963	0.07285	FDX-EXH
595494	4172963	0.07547	FDX-EXH
595514	4172963	0.0782	FDX-EXH
595534	4172963	0.08109	FDX-EXH
595554	4172963	0.08411	FDX-EXH
595574	4172963	0.08725	FDX-EXH
595594	4172963	0.09054	FDX-EXH
595614	4172963	0.09401	FDX-EXH
595634	4172963	0.09688	FDX-EXH
595654	4172963	0.10021	FDX-EXH
595674	4172963	0.10395	FDX-EXH
595694	4172963	0.10776	FDX-EXH
595714	4172963	0.11164	FDX-EXH
595734	4172963	0.1156	FDX-EXH
595754	4172963	0.11957	FDX-EXH
595314	4172983	0.05447	FDX-EXH
595334	4172983	0.05629	FDX-EXH
595354	4172983	0.05811	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595374	4172983	0.05998	FDX-EXH
595394	4172983	0.06192	FDX-EXH
595414	4172983	0.06387	FDX-EXH
595434	4172983	0.06594	FDX-EXH
595454	4172983	0.06809	FDX-EXH
595474	4172983	0.07024	FDX-EXH
595494	4172983	0.07269	FDX-EXH
595514	4172983	0.07515	FDX-EXH
595534	4172983	0.07786	FDX-EXH
595554	4172983	0.08075	FDX-EXH
595574	4172983	0.08362	FDX-EXH
595594	4172983	0.08672	FDX-EXH
595614	4172983	0.09002	FDX-EXH
595634	4172983	0.09231	FDX-EXH
595654	4172983	0.09605	FDX-EXH
595674	4172983	0.09952	FDX-EXH
595694	4172983	0.10309	FDX-EXH
595714	4172983	0.10673	FDX-EXH
595734	4172983	0.11044	FDX-EXH
595754	4172983	0.11415	FDX-EXH
595314	4173003	0.05295	FDX-EXH
595334	4173003	0.05456	FDX-EXH
595354	4173003	0.0563	FDX-EXH
595374	4173003	0.05809	FDX-EXH
595394	4173003	0.05989	FDX-EXH
595414	4173003	0.06176	FDX-EXH
595434	4173003	0.0637	FDX-EXH
595454	4173003	0.06574	FDX-EXH
595474	4173003	0.0678	FDX-EXH
595494	4173003	0.07004	FDX-EXH
595514	4173003	0.07239	FDX-EXH
595534	4173003	0.07493	FDX-EXH
595554	4173003	0.07762	FDX-EXH
595574	4173003	0.08029	FDX-EXH
595594	4173003	0.08321	FDX-EXH
595614	4173003	0.08601	FDX-EXH
595634	4173003	0.08869	FDX-EXH
595654	4173003	0.09198	FDX-EXH
595674	4173003	0.09523	FDX-EXH
595694	4173003	0.09856	FDX-EXH
595714	4173003	0.10197	FDX-EXH
595734	4173003	0.10544	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595294	4173023	0.04979	FDX-EXH
595314	4173023	0.05132	FDX-EXH
595334	4173023	0.05295	FDX-EXH
595354	4173023	0.0546	FDX-EXH
595374	4173023	0.05628	FDX-EXH
595394	4173023	0.058	FDX-EXH
595414	4173023	0.05977	FDX-EXH
595434	4173023	0.06153	FDX-EXH
595454	4173023	0.06342	FDX-EXH
595474	4173023	0.06542	FDX-EXH
595494	4173023	0.06757	FDX-EXH
595514	4173023	0.06979	FDX-EXH
595534	4173023	0.07218	FDX-EXH
595554	4173023	0.07467	FDX-EXH
595574	4173023	0.07724	FDX-EXH
595594	4173023	0.08	FDX-EXH
595614	4173023	0.08206	FDX-EXH
595634	4173023	0.08523	FDX-EXH
595654	4173023	0.08818	FDX-EXH
595674	4173023	0.09122	FDX-EXH
595694	4173023	0.09433	FDX-EXH
595714	4173023	0.09753	FDX-EXH
595294	4173043	0.04844	FDX-EXH
595314	4173043	0.04989	FDX-EXH
595334	4173043	0.05143	FDX-EXH
595354	4173043	0.05299	FDX-EXH
595374	4173043	0.05457	FDX-EXH
595394	4173043	0.0562	FDX-EXH
595414	4173043	0.05781	FDX-EXH
595434	4173043	0.0595	FDX-EXH
595454	4173043	0.06127	FDX-EXH
595474	4173043	0.06315	FDX-EXH
595494	4173043	0.0652	FDX-EXH
595514	4173043	0.06729	FDX-EXH
595534	4173043	0.0695	FDX-EXH
595554	4173043	0.07188	FDX-EXH
595574	4173043	0.07436	FDX-EXH
595594	4173043	0.07688	FDX-EXH
595614	4173043	0.07891	FDX-EXH
595634	4173043	0.08186	FDX-EXH
595654	4173043	0.08462	FDX-EXH
595674	4173043	0.08747	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4173043	0.09039	FDX-EXH
595294	4173063	0.04713	FDX-EXH
595314	4173063	0.04853	FDX-EXH
595334	4173063	0.04997	FDX-EXH
595354	4173063	0.05145	FDX-EXH
595374	4173063	0.05294	FDX-EXH
595394	4173063	0.05441	FDX-EXH
595414	4173063	0.05592	FDX-EXH
595434	4173063	0.05753	FDX-EXH
595454	4173063	0.05925	FDX-EXH
595474	4173063	0.06105	FDX-EXH
595494	4173063	0.06301	FDX-EXH
595514	4173063	0.06499	FDX-EXH
595534	4173063	0.06704	FDX-EXH
595554	4173063	0.06929	FDX-EXH
595574	4173063	0.07156	FDX-EXH
595594	4173063	0.07366	FDX-EXH
595614	4173063	0.07607	FDX-EXH
595634	4173063	0.07869	FDX-EXH
595654	4173063	0.08129	FDX-EXH
595354	4173083	0.04995	FDX-EXH
595374	4173083	0.05131	FDX-EXH
595394	4173083	0.05269	FDX-EXH
595414	4173083	0.05413	FDX-EXH
595434	4173083	0.05566	FDX-EXH
595454	4173083	0.05733	FDX-EXH
595474	4173083	0.05908	FDX-EXH
595494	4173083	0.06105	FDX-EXH
595514	4173083	0.06293	FDX-EXH
595534	4173083	0.06472	FDX-EXH
595554	4173083	0.06687	FDX-EXH
595574	4173083	0.06898	FDX-EXH
595594	4173083	0.07123	FDX-EXH
595614	4173083	0.07217	FDX-EXH
595334	4173103	0.04718	FDX-EXH
595354	4173103	0.04848	FDX-EXH
595374	4173103	0.04976	FDX-EXH
595394	4173103	0.05106	FDX-EXH
595414	4173103	0.05243	FDX-EXH
595434	4173103	0.05389	FDX-EXH
595454	4173103	0.05551	FDX-EXH
595474	4173103	0.05723	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4173103	0.05907	FDX-EXH
595514	4173103	0.06061	FDX-EXH
595534	4173103	0.06255	FDX-EXH
595334	4173123	0.04584	FDX-EXH
595354	4173123	0.04705	FDX-EXH
595374	4173123	0.04827	FDX-EXH
595394	4173123	0.04951	FDX-EXH
595414	4173123	0.05084	FDX-EXH
595434	4173123	0.05224	FDX-EXH
595454	4173123	0.05379	FDX-EXH
595474	4173123	0.05549	FDX-EXH
595494	4173123	0.05717	FDX-EXH
595514	4173123	0.05862	FDX-EXH
595354	4173143	0.04571	FDX-EXH
595374	4173143	0.04688	FDX-EXH
595394	4173143	0.0481	FDX-EXH
595414	4173143	0.04951	FDX-EXH
595434	4173143	0.05083	FDX-EXH
595494	4173143	0.05515	FDX-EXH
595354	4173163	0.04449	FDX-EXH
595374	4173163	0.04559	FDX-EXH
595394	4173163	0.04673	FDX-EXH
595414	4173163	0.04802	FDX-EXH
595434	4173163	0.04926	FDX-EXH
595374	4173183	0.04435	FDX-EXH
595394	4173183	0.04542	FDX-EXH
595414	4173183	0.04656	FDX-EXH
595434	4173183	0.04775	FDX-EXH
595203.12	4172931.43	0.05002	FDX-EXH
595305.29	4173022.49	0.05067	FDX-EXH
596059.85	4172738.92	0.23136	FDX-EXH
595782.4	4171913.24	1.89332	FDX-EXH
595790.49	4171877.76	1.21539	FDX-EXH
595826.59	4171700.37	0.31619	FDX-EXH
595857.85	4171568.4	0.17624	FDX-EXH
595427.66	4172811.08	0.0899	FDX-EXH
595616.96	4172890.78	0.11124	FDX-EXH
595465.61	4172972.42	0.07062	FDX-EXH
595413.93	4172953.11	0.06722	FDX-EXH
595207.62	4172857.58	0.05618	FDX-EXH
595229.35	4172793.73	0.06508	FDX-EXH
595251.41	4172717.21	0.07856	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595276.16	4172654.64	0.09478	FDX-EXH
595286.24	4171790.65	0.94001	FDX-EXH
595306.24	4171790.65	0.94164	FDX-EXH
595326.24	4171790.65	0.9384	FDX-EXH
595266.24	4171810.65	1.0286	FDX-EXH
595286.24	4171810.65	1.04316	FDX-EXH
595306.24	4171810.65	1.05584	FDX-EXH
595326.24	4171810.65	1.05958	FDX-EXH
595246.24	4171830.65	1.0977	FDX-EXH
595266.24	4171830.65	1.12794	FDX-EXH
595286.24	4171830.65	1.15469	FDX-EXH
595306.24	4171830.65	1.17787	FDX-EXH
595326.24	4171830.65	1.19354	FDX-EXH
595226.24	4171850.65	1.13948	FDX-EXH
595246.24	4171850.65	1.18766	FDX-EXH
595266.24	4171850.65	1.2317	FDX-EXH
595286.24	4171850.65	1.27215	FDX-EXH
595306.24	4171850.65	1.30821	FDX-EXH
595326.24	4171850.65	1.33836	FDX-EXH
595206.24	4171870.65	1.15132	FDX-EXH
595226.24	4171870.65	1.21243	FDX-EXH
595246.24	4171870.65	1.27299	FDX-EXH
595266.24	4171870.65	1.33169	FDX-EXH
595286.24	4171870.65	1.38889	FDX-EXH
595306.24	4171870.65	1.44261	FDX-EXH
595186.24	4171890.65	1.12744	FDX-EXH
595206.24	4171890.65	1.19958	FDX-EXH
595226.24	4171890.65	1.27376	FDX-EXH
595246.24	4171890.65	1.34986	FDX-EXH
595266.24	4171890.65	1.42626	FDX-EXH
595286.24	4171890.65	1.50268	FDX-EXH
595306.24	4171890.65	1.57725	FDX-EXH
595186.24	4171910.65	1.1489	FDX-EXH
595206.24	4171910.65	1.23224	FDX-EXH
595226.24	4171910.65	1.32068	FDX-EXH
595246.24	4171910.65	1.41349	FDX-EXH
595266.24	4171910.65	1.50942	FDX-EXH
595286.24	4171910.65	1.60654	FDX-EXH
595306.24	4171910.65	1.70589	FDX-EXH
595166.24	4171930.65	1.06741	FDX-EXH
595186.24	4171930.65	1.15387	FDX-EXH
595206.24	4171930.65	1.24815	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595226.24	4171930.65	1.34868	FDX-EXH
595246.24	4171930.65	1.45826	FDX-EXH
595266.24	4171930.65	1.57294	FDX-EXH
595286.24	4171930.65	1.69371	FDX-EXH
595166.24	4171950.65	1.04991	FDX-EXH
595186.24	4171950.65	1.14134	FDX-EXH
595206.24	4171950.65	1.24286	FDX-EXH
595226.24	4171950.65	1.35331	FDX-EXH
595246.24	4171950.65	1.4772	FDX-EXH
595266.24	4171950.65	1.61051	FDX-EXH
595286.24	4171950.65	1.75502	FDX-EXH
595146.24	4171970.65	0.93181	FDX-EXH
595166.24	4171970.65	1.01551	FDX-EXH
595186.24	4171970.65	1.11044	FDX-EXH
595206.24	4171970.65	1.21647	FDX-EXH
595226.24	4171970.65	1.33459	FDX-EXH
595246.24	4171970.65	1.46964	FDX-EXH
595266.24	4171970.65	1.61737	FDX-EXH
595146.24	4171990.65	0.887	FDX-EXH
595166.24	4171990.65	0.96962	FDX-EXH
595186.24	4171990.65	1.06393	FDX-EXH
595206.24	4171990.65	1.17049	FDX-EXH
595852.66	4171825.33	0.80919	FDX-EXH
595852.66	4171845.33	0.9766	FDX-EXH
595852.66	4171865.33	1.1954	FDX-EXH
595872.66	4171865.33	1.22146	FDX-EXH
595892.66	4171865.33	1.23668	FDX-EXH
595832.66	4171885.33	1.4501	FDX-EXH
595852.66	4171885.33	1.48062	FDX-EXH
595872.66	4171885.33	1.49467	FDX-EXH
595892.66	4171885.33	1.4935	FDX-EXH
595832.66	4171905.33	1.82724	FDX-EXH
595852.66	4171905.33	1.84179	FDX-EXH
595872.66	4171905.33	1.82855	FDX-EXH
595892.66	4171905.33	1.79662	FDX-EXH
595912.66	4171905.33	1.74978	FDX-EXH
595832.66	4171925.33	2.31364	FDX-EXH
595852.66	4171925.33	2.28519	FDX-EXH
595872.66	4171925.33	2.22634	FDX-EXH
595892.66	4171925.33	2.14715	FDX-EXH
595912.66	4171925.33	2.05521	FDX-EXH
595852.66	4171945.33	2.82306	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595872.66	4171945.33	2.69089	FDX-EXH
595892.66	4171945.33	2.54732	FDX-EXH
595912.66	4171945.33	2.39717	FDX-EXH
595932.66	4171945.33	2.24601	FDX-EXH
595102.43	4172101.44	0.44824	FDX-EXH
595122.43	4172101.44	0.4836	FDX-EXH
595142.43	4172101.44	0.52415	FDX-EXH
595102.43	4172121.44	0.39575	FDX-EXH
595122.43	4172121.44	0.42502	FDX-EXH
595142.43	4172121.44	0.45913	FDX-EXH
595082.43	4172141.44	0.32579	FDX-EXH
595102.43	4172141.44	0.34746	FDX-EXH
595122.43	4172141.44	0.37203	FDX-EXH
595142.43	4172141.44	0.39996	FDX-EXH
595082.43	4172161.44	0.28709	FDX-EXH
595102.43	4172161.44	0.30572	FDX-EXH
595122.43	4172161.44	0.32544	FDX-EXH
595142.43	4172161.44	0.34814	FDX-EXH
595082.43	4172181.44	0.25361	FDX-EXH
595102.43	4172181.44	0.26889	FDX-EXH
595122.43	4172181.44	0.28563	FDX-EXH
595142.43	4172181.44	0.30422	FDX-EXH
595062.43	4172201.44	0.21353	FDX-EXH
595082.43	4172201.44	0.22533	FDX-EXH
595102.43	4172201.44	0.23847	FDX-EXH
595122.43	4172201.44	0.25253	FDX-EXH
595142.43	4172201.44	0.26821	FDX-EXH
595162.43	4172201.44	0.28552	FDX-EXH
595062.43	4172221.44	0.19193	FDX-EXH
595082.43	4172221.44	0.20221	FDX-EXH
595102.43	4172221.44	0.21373	FDX-EXH
595122.43	4172221.44	0.22571	FDX-EXH
595142.43	4172221.44	0.23913	FDX-EXH
595162.43	4172221.44	0.2539	FDX-EXH
595062.43	4172241.44	0.17466	FDX-EXH
595082.43	4172241.44	0.18391	FDX-EXH
595102.43	4172241.44	0.19383	FDX-EXH
595122.43	4172241.44	0.20465	FDX-EXH
595142.43	4172241.44	0.21705	FDX-EXH
595162.43	4172241.44	0.23083	FDX-EXH
595062.43	4172261.44	0.16112	FDX-EXH
595082.43	4172261.44	0.16978	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595102.43	4172261.44	0.17808	FDX-EXH
595122.43	4172261.44	0.18803	FDX-EXH
595142.43	4172261.44	0.19971	FDX-EXH
595042.43	4172281.44	0.14284	FDX-EXH
595062.43	4172281.44	0.15013	FDX-EXH
595082.43	4172281.44	0.15814	FDX-EXH
595102.43	4172281.44	0.16559	FDX-EXH
595122.43	4172281.44	0.17582	FDX-EXH
595142.43	4172281.44	0.18605	FDX-EXH
595162.43	4172281.44	0.19699	FDX-EXH
595042.43	4172301.44	0.13442	FDX-EXH
595062.43	4172301.44	0.14137	FDX-EXH
595082.43	4172301.44	0.14851	FDX-EXH
595102.43	4172301.44	0.15602	FDX-EXH
595122.43	4172301.44	0.16512	FDX-EXH
595142.43	4172301.44	0.17483	FDX-EXH
595162.43	4172301.44	0.18536	FDX-EXH
595042.43	4172321.44	0.12781	FDX-EXH
595062.43	4172321.44	0.13441	FDX-EXH
595082.43	4172321.44	0.14021	FDX-EXH
595102.43	4172321.44	0.14804	FDX-EXH
595122.43	4172321.44	0.15632	FDX-EXH
595142.43	4172321.44	0.16571	FDX-EXH
595162.43	4172321.44	0.17537	FDX-EXH
595022.43	4172341.44	0.11644	FDX-EXH
595042.43	4172341.44	0.12226	FDX-EXH
595062.43	4172341.44	0.12844	FDX-EXH
595082.43	4172341.44	0.13484	FDX-EXH
595102.43	4172341.44	0.14162	FDX-EXH
595122.43	4172341.44	0.14895	FDX-EXH
595142.43	4172341.44	0.15767	FDX-EXH
595162.43	4172341.44	0.16665	FDX-EXH
595509.2	4172311.1	0.71226	FDX-EXH
595453.66	4172369.33	0.39538	FDX-EXH
595568.33	4173021.18	0.07675	FDX-EXH
595515	4172097	10.40824	FDX-EXH
595271.59	4172931.11	0.0551	FDX-EXH
595259.54	4172956.67	0.05202	FDX-EXH
595229.53	4172979.48	0.04803	FDX-EXH
595158.78	4172948.61	0.04572	FDX-EXH
595424.36	4172061.47	4.01217	FDX-EXH
595637.78	4172033.56	17.02808	FDX-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595497.98	4172569.45	0.20007	FDX-EXH
595440.32	4172695.89	0.11975	FDX-EXH
595531.7	4172736.24	0.13493	FDX-EXH
595503.43	4172797.49	0.10905	FDX-EXH
595293.61	4172706.67	0.08594	FDX-EXH
595216.89	4172907.31	0.05261	FDX-EXH
595554	4171743	0.46279	FDX-IDLE
595574	4171743	0.46938	FDX-IDLE
595594	4171743	0.46052	FDX-IDLE
595614	4171743	0.45703	FDX-IDLE
595634	4171743	0.4473	FDX-IDLE
595654	4171743	0.44767	FDX-IDLE
595674	4171743	0.44562	FDX-IDLE
595694	4171743	0.44698	FDX-IDLE
595714	4171743	0.43532	FDX-IDLE
595534	4171763	0.54335	FDX-IDLE
595554	4171763	0.52296	FDX-IDLE
595574	4171763	0.52961	FDX-IDLE
595594	4171763	0.52047	FDX-IDLE
595614	4171763	0.51717	FDX-IDLE
595634	4171763	0.5124	FDX-IDLE
595654	4171763	0.50637	FDX-IDLE
595674	4171763	0.50508	FDX-IDLE
595694	4171763	0.49416	FDX-IDLE
595714	4171763	0.4989	FDX-IDLE
595734	4171763	0.52786	FDX-IDLE
595754	4171763	0.53928	FDX-IDLE
595774	4171763	0.55437	FDX-IDLE
595314	4171783	0.99898	FDX-IDLE
595334	4171783	0.96633	FDX-IDLE
595534	4171783	0.60804	FDX-IDLE
595554	4171783	0.59808	FDX-IDLE
595574	4171783	0.5909	FDX-IDLE
595594	4171783	0.57755	FDX-IDLE
595614	4171783	0.56929	FDX-IDLE
595634	4171783	0.58391	FDX-IDLE
595654	4171783	0.57873	FDX-IDLE
595674	4171783	0.57932	FDX-IDLE
595694	4171783	0.56162	FDX-IDLE
595714	4171783	0.59676	FDX-IDLE
595734	4171783	0.61402	FDX-IDLE
595754	4171783	0.62537	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4171783	0.6518	FDX-IDLE
595794	4171783	0.67603	FDX-IDLE
595274	4171803	1.19399	FDX-IDLE
595294	4171803	1.18454	FDX-IDLE
595314	4171803	1.16578	FDX-IDLE
595334	4171803	1.13446	FDX-IDLE
595534	4171803	0.69805	FDX-IDLE
595554	4171803	0.68466	FDX-IDLE
595574	4171803	0.69589	FDX-IDLE
595594	4171803	0.68511	FDX-IDLE
595614	4171803	0.67688	FDX-IDLE
595634	4171803	0.67208	FDX-IDLE
595654	4171803	0.65106	FDX-IDLE
595674	4171803	0.64734	FDX-IDLE
595694	4171803	0.65235	FDX-IDLE
595714	4171803	0.7006	FDX-IDLE
595734	4171803	0.72004	FDX-IDLE
595754	4171803	0.73409	FDX-IDLE
595774	4171803	0.77412	FDX-IDLE
595794	4171803	0.80244	FDX-IDLE
595814	4171803	0.82806	FDX-IDLE
595254	4171823	1.34992	FDX-IDLE
595274	4171823	1.36376	FDX-IDLE
595294	4171823	1.36761	FDX-IDLE
595314	4171823	1.36136	FDX-IDLE
595334	4171823	1.3392	FDX-IDLE
595514	4171823	0.85452	FDX-IDLE
595534	4171823	0.81204	FDX-IDLE
595554	4171823	0.79957	FDX-IDLE
595574	4171823	0.80269	FDX-IDLE
595594	4171823	0.79045	FDX-IDLE
595614	4171823	0.78597	FDX-IDLE
595634	4171823	0.78034	FDX-IDLE
595654	4171823	0.78122	FDX-IDLE
595674	4171823	0.79002	FDX-IDLE
595694	4171823	0.77157	FDX-IDLE
595714	4171823	0.8373	FDX-IDLE
595734	4171823	0.86434	FDX-IDLE
595754	4171823	0.89405	FDX-IDLE
595774	4171823	0.93076	FDX-IDLE
595794	4171823	0.96115	FDX-IDLE
595814	4171823	0.98723	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4171823	1.00852	FDX-IDLE
595854	4171823	1.01959	FDX-IDLE
595234	4171843	1.48013	FDX-IDLE
595254	4171843	1.52347	FDX-IDLE
595274	4171843	1.55835	FDX-IDLE
595294	4171843	1.58124	FDX-IDLE
595314	4171843	1.58914	FDX-IDLE
595334	4171843	1.5833	FDX-IDLE
595514	4171843	1.00102	FDX-IDLE
595534	4171843	0.95724	FDX-IDLE
595554	4171843	0.93524	FDX-IDLE
595574	4171843	0.95595	FDX-IDLE
595594	4171843	0.93078	FDX-IDLE
595614	4171843	0.92686	FDX-IDLE
595634	4171843	0.92209	FDX-IDLE
595654	4171843	0.92766	FDX-IDLE
595674	4171843	0.9083	FDX-IDLE
595694	4171843	0.94331	FDX-IDLE
595714	4171843	1.02066	FDX-IDLE
595734	4171843	1.05124	FDX-IDLE
595754	4171843	1.09715	FDX-IDLE
595774	4171843	1.1318	FDX-IDLE
595794	4171843	1.16315	FDX-IDLE
595814	4171843	1.18453	FDX-IDLE
595854	4171843	1.1982	FDX-IDLE
595874	4171843	1.19093	FDX-IDLE
595214	4171863	1.55362	FDX-IDLE
595234	4171863	1.63179	FDX-IDLE
595254	4171863	1.70415	FDX-IDLE
595274	4171863	1.76569	FDX-IDLE
595294	4171863	1.81773	FDX-IDLE
595314	4171863	1.85197	FDX-IDLE
595334	4171863	1.87052	FDX-IDLE
595514	4171863	1.19353	FDX-IDLE
595534	4171863	1.14639	FDX-IDLE
595554	4171863	1.1164	FDX-IDLE
595574	4171863	1.08911	FDX-IDLE
595594	4171863	1.06542	FDX-IDLE
595614	4171863	1.04755	FDX-IDLE
595634	4171863	1.06972	FDX-IDLE
595654	4171863	1.12357	FDX-IDLE
595674	4171863	1.09014	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4171863	1.20427	FDX-IDLE
595714	4171863	1.25353	FDX-IDLE
595734	4171863	1.2996	FDX-IDLE
595754	4171863	1.35722	FDX-IDLE
595774	4171863	1.40011	FDX-IDLE
595794	4171863	1.4289	FDX-IDLE
595814	4171863	1.43432	FDX-IDLE
595834	4171863	1.42442	FDX-IDLE
595854	4171863	1.40674	FDX-IDLE
595874	4171863	1.38058	FDX-IDLE
595894	4171863	1.34661	FDX-IDLE
595194	4171883	1.56126	FDX-IDLE
595214	4171883	1.66904	FDX-IDLE
595234	4171883	1.77624	FDX-IDLE
595254	4171883	1.88028	FDX-IDLE
595274	4171883	1.97877	FDX-IDLE
595294	4171883	2.06909	FDX-IDLE
595314	4171883	2.14348	FDX-IDLE
595514	4171883	1.47739	FDX-IDLE
595534	4171883	1.41435	FDX-IDLE
595554	4171883	1.36163	FDX-IDLE
595574	4171883	1.31635	FDX-IDLE
595594	4171883	1.2875	FDX-IDLE
595614	4171883	1.26628	FDX-IDLE
595634	4171883	1.26623	FDX-IDLE
595654	4171883	1.32618	FDX-IDLE
595674	4171883	1.35791	FDX-IDLE
595694	4171883	1.51155	FDX-IDLE
595714	4171883	1.60152	FDX-IDLE
595734	4171883	1.6506	FDX-IDLE
595754	4171883	1.69489	FDX-IDLE
595774	4171883	1.72694	FDX-IDLE
595794	4171883	1.72849	FDX-IDLE
595814	4171883	1.72149	FDX-IDLE
595834	4171883	1.68853	FDX-IDLE
595854	4171883	1.64571	FDX-IDLE
595874	4171883	1.59367	FDX-IDLE
595894	4171883	1.53494	FDX-IDLE
595174	4171903	1.49421	FDX-IDLE
595194	4171903	1.62054	FDX-IDLE
595214	4171903	1.75299	FDX-IDLE
595234	4171903	1.89421	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595254	4171903	2.03885	FDX-IDLE
595274	4171903	2.18304	FDX-IDLE
595294	4171903	2.32343	FDX-IDLE
595314	4171903	2.45519	FDX-IDLE
595514	4171903	1.85057	FDX-IDLE
595534	4171903	1.74259	FDX-IDLE
595554	4171903	1.68417	FDX-IDLE
595574	4171903	1.64938	FDX-IDLE
595594	4171903	1.60889	FDX-IDLE
595614	4171903	1.58813	FDX-IDLE
595634	4171903	1.57964	FDX-IDLE
595654	4171903	1.65598	FDX-IDLE
595674	4171903	1.75606	FDX-IDLE
595694	4171903	1.89267	FDX-IDLE
595714	4171903	2.06245	FDX-IDLE
595734	4171903	2.10914	FDX-IDLE
595754	4171903	2.15256	FDX-IDLE
595774	4171903	2.14592	FDX-IDLE
595794	4171903	2.112	FDX-IDLE
595814	4171903	2.05682	FDX-IDLE
595834	4171903	1.98852	FDX-IDLE
595854	4171903	1.9062	FDX-IDLE
595874	4171903	1.81859	FDX-IDLE
595894	4171903	1.73221	FDX-IDLE
595914	4171903	1.64539	FDX-IDLE
595174	4171923	1.49997	FDX-IDLE
595194	4171923	1.64396	FDX-IDLE
595214	4171923	1.80308	FDX-IDLE
595234	4171923	1.97436	FDX-IDLE
595254	4171923	2.15927	FDX-IDLE
595274	4171923	2.35523	FDX-IDLE
595294	4171923	2.55456	FDX-IDLE
595534	4171923	2.24935	FDX-IDLE
595554	4171923	2.14813	FDX-IDLE
595574	4171923	2.08322	FDX-IDLE
595594	4171923	2.03814	FDX-IDLE
595614	4171923	2.03219	FDX-IDLE
595634	4171923	2.07849	FDX-IDLE
595654	4171923	2.18182	FDX-IDLE
595674	4171923	2.35128	FDX-IDLE
595694	4171923	2.50197	FDX-IDLE
595714	4171923	2.67951	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4171923	2.72969	FDX-IDLE
595754	4171923	2.70715	FDX-IDLE
595774	4171923	2.64421	FDX-IDLE
595794	4171923	2.55104	FDX-IDLE
595814	4171923	2.43823	FDX-IDLE
595834	4171923	2.32266	FDX-IDLE
595854	4171923	2.18952	FDX-IDLE
595874	4171923	2.06127	FDX-IDLE
595894	4171923	1.93012	FDX-IDLE
595914	4171923	1.80822	FDX-IDLE
595154	4171943	1.33862	FDX-IDLE
595174	4171943	1.47577	FDX-IDLE
595194	4171943	1.63211	FDX-IDLE
595214	4171943	1.80602	FDX-IDLE
595234	4171943	2.00297	FDX-IDLE
595254	4171943	2.22519	FDX-IDLE
595274	4171943	2.46772	FDX-IDLE
595294	4171943	2.73225	FDX-IDLE
595534	4171943	3.03502	FDX-IDLE
595554	4171943	2.84289	FDX-IDLE
595574	4171943	2.74115	FDX-IDLE
595594	4171943	2.67243	FDX-IDLE
595614	4171943	2.68325	FDX-IDLE
595634	4171943	2.80861	FDX-IDLE
595654	4171943	3.01858	FDX-IDLE
595674	4171943	3.26326	FDX-IDLE
595694	4171943	3.43574	FDX-IDLE
595714	4171943	3.51516	FDX-IDLE
595734	4171943	3.48342	FDX-IDLE
595754	4171943	3.39769	FDX-IDLE
595774	4171943	3.23487	FDX-IDLE
595794	4171943	3.04695	FDX-IDLE
595814	4171943	2.85532	FDX-IDLE
595834	4171943	2.66181	FDX-IDLE
595854	4171943	2.48092	FDX-IDLE
595874	4171943	2.30583	FDX-IDLE
595894	4171943	2.14	FDX-IDLE
595914	4171943	1.98213	FDX-IDLE
595934	4171943	1.83659	FDX-IDLE
595154	4171963	1.28152	FDX-IDLE
595174	4171963	1.42129	FDX-IDLE
595194	4171963	1.58073	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595214	4171963	1.76534	FDX-IDLE
595234	4171963	1.97504	FDX-IDLE
595254	4171963	2.22539	FDX-IDLE
595274	4171963	2.50529	FDX-IDLE
595554	4171963	3.96471	FDX-IDLE
595574	4171963	3.77484	FDX-IDLE
595594	4171963	3.69135	FDX-IDLE
595614	4171963	3.76781	FDX-IDLE
595634	4171963	4.06778	FDX-IDLE
595654	4171963	4.40206	FDX-IDLE
595674	4171963	4.67182	FDX-IDLE
595694	4171963	4.79061	FDX-IDLE
595714	4171963	4.70689	FDX-IDLE
595734	4171963	4.51599	FDX-IDLE
595754	4171963	4.2527	FDX-IDLE
595774	4171963	3.95166	FDX-IDLE
595794	4171963	3.63751	FDX-IDLE
595814	4171963	3.33415	FDX-IDLE
595834	4171963	3.03993	FDX-IDLE
595854	4171963	2.76282	FDX-IDLE
595874	4171963	2.51632	FDX-IDLE
595894	4171963	2.30585	FDX-IDLE
595914	4171963	2.11494	FDX-IDLE
595934	4171963	1.95498	FDX-IDLE
595154	4171983	1.2053	FDX-IDLE
595174	4171983	1.33943	FDX-IDLE
595194	4171983	1.4979	FDX-IDLE
595214	4171983	1.68238	FDX-IDLE
595234	4171983	1.89953	FDX-IDLE
595254	4171983	2.14708	FDX-IDLE
595574	4171983	5.55293	FDX-IDLE
595754	4172023	7.14541	FDX-IDLE
595774	4172023	6.07891	FDX-IDLE
595794	4172023	5.17883	FDX-IDLE
595814	4172023	4.48035	FDX-IDLE
595834	4172023	3.92918	FDX-IDLE
595714	4172043	11.82067	FDX-IDLE
595734	4172043	9.41381	FDX-IDLE
595754	4172043	7.60551	FDX-IDLE
595774	4172043	6.36839	FDX-IDLE
595794	4172043	5.39315	FDX-IDLE
595814	4172043	4.61152	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172043	3.9762	FDX-IDLE
595854	4172043	3.47181	FDX-IDLE
595874	4172043	3.05891	FDX-IDLE
595894	4172043	2.71576	FDX-IDLE
595914	4172043	2.42626	FDX-IDLE
595934	4172043	2.19563	FDX-IDLE
595714	4172063	12.74436	FDX-IDLE
595734	4172063	9.70821	FDX-IDLE
595754	4172063	7.88788	FDX-IDLE
595774	4172063	6.51873	FDX-IDLE
595794	4172063	5.46677	FDX-IDLE
595814	4172063	4.64647	FDX-IDLE
595834	4172063	3.99097	FDX-IDLE
595854	4172063	3.46928	FDX-IDLE
595874	4172063	3.04586	FDX-IDLE
595894	4172063	2.69618	FDX-IDLE
595914	4172063	2.40339	FDX-IDLE
595934	4172063	2.15572	FDX-IDLE
595714	4172083	12.531	FDX-IDLE
595734	4172083	9.5509	FDX-IDLE
595754	4172083	7.72165	FDX-IDLE
595774	4172083	6.35831	FDX-IDLE
595794	4172083	5.32278	FDX-IDLE
595814	4172083	4.51982	FDX-IDLE
595834	4172083	3.8858	FDX-IDLE
595854	4172083	3.37722	FDX-IDLE
595874	4172083	2.96543	FDX-IDLE
595894	4172083	2.62463	FDX-IDLE
595914	4172083	2.33986	FDX-IDLE
595934	4172083	2.09922	FDX-IDLE
595114	4172103	0.49085	FDX-IDLE
595134	4172103	0.5319	FDX-IDLE
595714	4172103	11.29465	FDX-IDLE
595734	4172103	8.81586	FDX-IDLE
595754	4172103	7.16684	FDX-IDLE
595774	4172103	5.93363	FDX-IDLE
595794	4172103	4.99479	FDX-IDLE
595814	4172103	4.25931	FDX-IDLE
595834	4172103	3.67786	FDX-IDLE
595854	4172103	3.20853	FDX-IDLE
595874	4172103	2.82415	FDX-IDLE
595894	4172103	2.50572	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595914	4172103	2.23872	FDX-IDLE
595934	4172103	2.01244	FDX-IDLE
595094	4172123	0.3927	FDX-IDLE
595114	4172123	0.42128	FDX-IDLE
595134	4172123	0.45394	FDX-IDLE
595694	4172123	12.07794	FDX-IDLE
595714	4172123	9.56269	FDX-IDLE
595734	4172123	7.70886	FDX-IDLE
595754	4172123	6.35668	FDX-IDLE
595774	4172123	5.32875	FDX-IDLE
595794	4172123	4.53085	FDX-IDLE
595814	4172123	3.89976	FDX-IDLE
595834	4172123	3.3937	FDX-IDLE
595854	4172123	2.9799	FDX-IDLE
595874	4172123	2.63668	FDX-IDLE
595894	4172123	2.35029	FDX-IDLE
595914	4172123	2.10818	FDX-IDLE
595934	4172123	1.90202	FDX-IDLE
595094	4172143	0.34037	FDX-IDLE
595114	4172143	0.36349	FDX-IDLE
595134	4172143	0.38969	FDX-IDLE
595694	4172143	9.61553	FDX-IDLE
595714	4172143	7.9017	FDX-IDLE
595734	4172143	6.52911	FDX-IDLE
595754	4172143	5.48133	FDX-IDLE
595774	4172143	4.6668	FDX-IDLE
595794	4172143	4.01996	FDX-IDLE
595814	4172143	3.49828	FDX-IDLE
595834	4172143	3.07168	FDX-IDLE
595854	4172143	2.71843	FDX-IDLE
595874	4172143	2.42261	FDX-IDLE
595894	4172143	2.17234	FDX-IDLE
595914	4172143	1.95879	FDX-IDLE
595934	4172143	1.77527	FDX-IDLE
595094	4172163	0.29807	FDX-IDLE
595114	4172163	0.31749	FDX-IDLE
595134	4172163	0.33896	FDX-IDLE
595154	4172163	0.36445	FDX-IDLE
595614	4172163	14.39105	FDX-IDLE
595634	4172163	12.93683	FDX-IDLE
595654	4172163	10.99153	FDX-IDLE
595674	4172163	9.33478	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172163	7.76691	FDX-IDLE
595714	4172163	6.48802	FDX-IDLE
595734	4172163	5.4768	FDX-IDLE
595754	4172163	4.6766	FDX-IDLE
595774	4172163	4.0406	FDX-IDLE
595794	4172163	3.52438	FDX-IDLE
595814	4172163	3.09997	FDX-IDLE
595834	4172163	2.74765	FDX-IDLE
595854	4172163	2.45187	FDX-IDLE
595874	4172163	2.201	FDX-IDLE
595894	4172163	1.98639	FDX-IDLE
595914	4172163	1.80163	FDX-IDLE
595074	4172183	0.24887	FDX-IDLE
595094	4172183	0.2641	FDX-IDLE
595114	4172183	0.28094	FDX-IDLE
595134	4172183	0.29962	FDX-IDLE
595154	4172183	0.32032	FDX-IDLE
595614	4172183	9.53136	FDX-IDLE
595634	4172183	9.0219	FDX-IDLE
595654	4172183	8.29796	FDX-IDLE
595674	4172183	7.22024	FDX-IDLE
595694	4172183	6.21779	FDX-IDLE
595714	4172183	5.34272	FDX-IDLE
595734	4172183	4.60439	FDX-IDLE
595754	4172183	3.99775	FDX-IDLE
595774	4172183	3.49922	FDX-IDLE
595794	4172183	3.08568	FDX-IDLE
595814	4172183	2.73873	FDX-IDLE
595834	4172183	2.44739	FDX-IDLE
595854	4172183	2.19985	FDX-IDLE
595874	4172183	1.9878	FDX-IDLE
595894	4172183	1.80512	FDX-IDLE
595914	4172183	1.64662	FDX-IDLE
595074	4172203	0.22429	FDX-IDLE
595094	4172203	0.23786	FDX-IDLE
595114	4172203	0.25265	FDX-IDLE
595134	4172203	0.2693	FDX-IDLE
595154	4172203	0.28771	FDX-IDLE
595594	4172203	5.82035	FDX-IDLE
595614	4172203	6.66182	FDX-IDLE
595634	4172203	6.58001	FDX-IDLE
595654	4172203	6.22139	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172203	5.62373	FDX-IDLE
595694	4172203	5.00311	FDX-IDLE
595714	4172203	4.41475	FDX-IDLE
595734	4172203	3.88851	FDX-IDLE
595754	4172203	3.43584	FDX-IDLE
595774	4172203	3.04624	FDX-IDLE
595794	4172203	2.71224	FDX-IDLE
595814	4172203	2.42706	FDX-IDLE
595834	4172203	2.18332	FDX-IDLE
595854	4172203	1.97444	FDX-IDLE
595874	4172203	1.79409	FDX-IDLE
595894	4172203	1.63759	FDX-IDLE
595914	4172203	1.50117	FDX-IDLE
595074	4172223	0.20499	FDX-IDLE
595094	4172223	0.21791	FDX-IDLE
595114	4172223	0.23095	FDX-IDLE
595134	4172223	0.24621	FDX-IDLE
595154	4172223	0.26268	FDX-IDLE
595594	4172223	4.17323	FDX-IDLE
595614	4172223	4.69366	FDX-IDLE
595634	4172223	4.94889	FDX-IDLE
595654	4172223	4.77473	FDX-IDLE
595674	4172223	4.44443	FDX-IDLE
595694	4172223	4.05809	FDX-IDLE
595714	4172223	3.66514	FDX-IDLE
595734	4172223	3.29288	FDX-IDLE
595754	4172223	2.96072	FDX-IDLE
595774	4172223	2.66118	FDX-IDLE
595794	4172223	2.39455	FDX-IDLE
595814	4172223	2.16037	FDX-IDLE
595834	4172223	1.9563	FDX-IDLE
595854	4172223	1.77875	FDX-IDLE
595874	4172223	1.62401	FDX-IDLE
595894	4172223	1.48871	FDX-IDLE
595054	4172243	0.18001	FDX-IDLE
595074	4172243	0.19036	FDX-IDLE
595094	4172243	0.20224	FDX-IDLE
595114	4172243	0.21427	FDX-IDLE
595134	4172243	0.22839	FDX-IDLE
595154	4172243	0.2447	FDX-IDLE
595594	4172243	3.17743	FDX-IDLE
595614	4172243	3.51476	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172243	3.79075	FDX-IDLE
595654	4172243	3.74626	FDX-IDLE
595674	4172243	3.56844	FDX-IDLE
595694	4172243	3.32695	FDX-IDLE
595714	4172243	3.06164	FDX-IDLE
595734	4172243	2.79861	FDX-IDLE
595754	4172243	2.55666	FDX-IDLE
595774	4172243	2.32857	FDX-IDLE
595794	4172243	2.11886	FDX-IDLE
595814	4172243	1.92948	FDX-IDLE
595834	4172243	1.76008	FDX-IDLE
595854	4172243	1.60952	FDX-IDLE
595874	4172243	1.47609	FDX-IDLE
595894	4172243	1.35846	FDX-IDLE
595054	4172263	0.16932	FDX-IDLE
595074	4172263	0.17926	FDX-IDLE
595094	4172263	0.19003	FDX-IDLE
595114	4172263	0.20077	FDX-IDLE
595134	4172263	0.21504	FDX-IDLE
595154	4172263	0.22948	FDX-IDLE
595594	4172263	2.50374	FDX-IDLE
595614	4172263	2.76382	FDX-IDLE
595634	4172263	2.97847	FDX-IDLE
595654	4172263	2.99757	FDX-IDLE
595674	4172263	2.90909	FDX-IDLE
595694	4172263	2.75818	FDX-IDLE
595714	4172263	2.57884	FDX-IDLE
595734	4172263	2.39278	FDX-IDLE
595754	4172263	2.21263	FDX-IDLE
595774	4172263	2.03966	FDX-IDLE
595794	4172263	1.87663	FDX-IDLE
595814	4172263	1.72559	FDX-IDLE
595834	4172263	1.58702	FDX-IDLE
595854	4172263	1.4609	FDX-IDLE
595874	4172263	1.34676	FDX-IDLE
595894	4172263	1.24464	FDX-IDLE
595054	4172283	0.16047	FDX-IDLE
595074	4172283	0.16989	FDX-IDLE
595094	4172283	0.17924	FDX-IDLE
595114	4172283	0.19006	FDX-IDLE
595134	4172283	0.20288	FDX-IDLE
595154	4172283	0.21577	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595174	4172283	0.23069	FDX-IDLE
595574	4172283	1.70126	FDX-IDLE
595594	4172283	1.99681	FDX-IDLE
595614	4172283	2.24764	FDX-IDLE
595634	4172283	2.39137	FDX-IDLE
595654	4172283	2.44012	FDX-IDLE
595674	4172283	2.40471	FDX-IDLE
595694	4172283	2.31315	FDX-IDLE
595714	4172283	2.19126	FDX-IDLE
595734	4172283	2.0577	FDX-IDLE
595754	4172283	1.92297	FDX-IDLE
595774	4172283	1.79074	FDX-IDLE
595794	4172283	1.66381	FDX-IDLE
595814	4172283	1.54399	FDX-IDLE
595834	4172283	1.43187	FDX-IDLE
595854	4172283	1.32768	FDX-IDLE
595874	4172283	1.23159	FDX-IDLE
595894	4172283	1.14366	FDX-IDLE
595034	4172303	0.14505	FDX-IDLE
595054	4172303	0.15308	FDX-IDLE
595074	4172303	0.16176	FDX-IDLE
595094	4172303	0.16992	FDX-IDLE
595114	4172303	0.18091	FDX-IDLE
595134	4172303	0.19169	FDX-IDLE
595154	4172303	0.20364	FDX-IDLE
595174	4172303	0.21702	FDX-IDLE
595574	4172303	1.40632	FDX-IDLE
595594	4172303	1.61018	FDX-IDLE
595614	4172303	1.82987	FDX-IDLE
595634	4172303	1.95586	FDX-IDLE
595654	4172303	2.01649	FDX-IDLE
595674	4172303	2.01257	FDX-IDLE
595694	4172303	1.96002	FDX-IDLE
595714	4172303	1.87749	FDX-IDLE
595734	4172303	1.78168	FDX-IDLE
595754	4172303	1.68011	FDX-IDLE
595774	4172303	1.57792	FDX-IDLE
595794	4172303	1.47824	FDX-IDLE
595814	4172303	1.38276	FDX-IDLE
595834	4172303	1.29219	FDX-IDLE
595854	4172303	1.20679	FDX-IDLE
595874	4172303	1.12675	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595034	4172323	0.13898	FDX-IDLE
595054	4172323	0.14652	FDX-IDLE
595074	4172323	0.15414	FDX-IDLE
595094	4172323	0.16182	FDX-IDLE
595114	4172323	0.17116	FDX-IDLE
595134	4172323	0.18144	FDX-IDLE
595154	4172323	0.19232	FDX-IDLE
595174	4172323	0.20443	FDX-IDLE
595574	4172323	1.1897	FDX-IDLE
595594	4172323	1.33396	FDX-IDLE
595614	4172323	1.51533	FDX-IDLE
595634	4172323	1.62491	FDX-IDLE
595654	4172323	1.68875	FDX-IDLE
595674	4172323	1.70306	FDX-IDLE
595694	4172323	1.67639	FDX-IDLE
595714	4172323	1.62215	FDX-IDLE
595734	4172323	1.55283	FDX-IDLE
595754	4172323	1.47595	FDX-IDLE
595774	4172323	1.39657	FDX-IDLE
595794	4172323	1.31759	FDX-IDLE
595814	4172323	1.24079	FDX-IDLE
595834	4172323	1.16715	FDX-IDLE
595854	4172323	1.09706	FDX-IDLE
595874	4172323	1.03064	FDX-IDLE
595034	4172343	0.1333	FDX-IDLE
595054	4172343	0.14018	FDX-IDLE
595074	4172343	0.14747	FDX-IDLE
595094	4172343	0.15506	FDX-IDLE
595114	4172343	0.16285	FDX-IDLE
595134	4172343	0.17176	FDX-IDLE
595154	4172343	0.18188	FDX-IDLE
595574	4172343	1.02434	FDX-IDLE
595594	4172343	1.14052	FDX-IDLE
595614	4172343	1.27476	FDX-IDLE
595634	4172343	1.36791	FDX-IDLE
595654	4172343	1.42963	FDX-IDLE
595674	4172343	1.45461	FDX-IDLE
595694	4172343	1.44596	FDX-IDLE
595714	4172343	1.41191	FDX-IDLE
595734	4172343	1.36206	FDX-IDLE
595754	4172343	1.30388	FDX-IDLE
595774	4172343	1.2419	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172343	1.17889	FDX-IDLE
595814	4172343	1.11661	FDX-IDLE
595834	4172343	1.05616	FDX-IDLE
595854	4172343	0.99818	FDX-IDLE
595874	4172343	0.94294	FDX-IDLE
595554	4172363	0.77629	FDX-IDLE
595574	4172363	0.88145	FDX-IDLE
595594	4172363	0.98797	FDX-IDLE
595614	4172363	1.08819	FDX-IDLE
595634	4172363	1.16809	FDX-IDLE
595654	4172363	1.22535	FDX-IDLE
595674	4172363	1.25437	FDX-IDLE
595694	4172363	1.25629	FDX-IDLE
595714	4172363	1.2363	FDX-IDLE
595734	4172363	1.20137	FDX-IDLE
595754	4172363	1.15776	FDX-IDLE
595774	4172363	1.10944	FDX-IDLE
595794	4172363	1.05902	FDX-IDLE
595814	4172363	1.00824	FDX-IDLE
595834	4172363	0.95824	FDX-IDLE
595854	4172363	0.90985	FDX-IDLE
595874	4172363	0.86344	FDX-IDLE
595554	4172383	0.67737	FDX-IDLE
595574	4172383	0.75812	FDX-IDLE
595594	4172383	0.85649	FDX-IDLE
595614	4172383	0.93566	FDX-IDLE
595634	4172383	1.00489	FDX-IDLE
595654	4172383	1.05805	FDX-IDLE
595674	4172383	1.08948	FDX-IDLE
595694	4172383	1.09966	FDX-IDLE
595714	4172383	1.09026	FDX-IDLE
595734	4172383	1.06638	FDX-IDLE
595754	4172383	1.0333	FDX-IDLE
595774	4172383	0.99529	FDX-IDLE
595794	4172383	0.95487	FDX-IDLE
595814	4172383	0.91343	FDX-IDLE
595834	4172383	0.87206	FDX-IDLE
595854	4172383	0.83139	FDX-IDLE
595554	4172403	0.6058	FDX-IDLE
595574	4172403	0.66417	FDX-IDLE
595594	4172403	0.74816	FDX-IDLE
595614	4172403	0.81344	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172403	0.87294	FDX-IDLE
595654	4172403	0.92108	FDX-IDLE
595674	4172403	0.95304	FDX-IDLE
595694	4172403	0.96657	FDX-IDLE
595714	4172403	0.96437	FDX-IDLE
595734	4172403	0.94931	FDX-IDLE
595754	4172403	0.92581	FDX-IDLE
595774	4172403	0.89705	FDX-IDLE
595794	4172403	0.86458	FDX-IDLE
595814	4172403	0.83048	FDX-IDLE
595834	4172403	0.79591	FDX-IDLE
595854	4172403	0.76161	FDX-IDLE
595074	4172423	0.12237	FDX-IDLE
595094	4172423	0.12828	FDX-IDLE
595554	4172423	0.54931	FDX-IDLE
595574	4172423	0.59299	FDX-IDLE
595594	4172423	0.65858	FDX-IDLE
595614	4172423	0.71399	FDX-IDLE
595634	4172423	0.76524	FDX-IDLE
595654	4172423	0.8084	FDX-IDLE
595674	4172423	0.83906	FDX-IDLE
595694	4172423	0.85584	FDX-IDLE
595714	4172423	0.85875	FDX-IDLE
595734	4172423	0.85023	FDX-IDLE
595754	4172423	0.83367	FDX-IDLE
595774	4172423	0.81111	FDX-IDLE
595794	4172423	0.78541	FDX-IDLE
595814	4172423	0.75655	FDX-IDLE
595834	4172423	0.72728	FDX-IDLE
595854	4172423	0.69926	FDX-IDLE
595074	4172443	0.11726	FDX-IDLE
595094	4172443	0.12314	FDX-IDLE
595114	4172443	0.12959	FDX-IDLE
595134	4172443	0.13677	FDX-IDLE
595534	4172443	0.43983	FDX-IDLE
595554	4172443	0.48562	FDX-IDLE
595574	4172443	0.53355	FDX-IDLE
595594	4172443	0.58397	FDX-IDLE
595614	4172443	0.63144	FDX-IDLE
595634	4172443	0.67624	FDX-IDLE
595654	4172443	0.71488	FDX-IDLE
595674	4172443	0.74392	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172443	0.76184	FDX-IDLE
595714	4172443	0.76859	FDX-IDLE
595734	4172443	0.76528	FDX-IDLE
595754	4172443	0.75353	FDX-IDLE
595774	4172443	0.73643	FDX-IDLE
595794	4172443	0.71593	FDX-IDLE
595814	4172443	0.69207	FDX-IDLE
595834	4172443	0.66736	FDX-IDLE
595854	4172443	0.64263	FDX-IDLE
595054	4172463	0.10786	FDX-IDLE
595074	4172463	0.11301	FDX-IDLE
595094	4172463	0.11871	FDX-IDLE
595114	4172463	0.12496	FDX-IDLE
595534	4172463	0.39755	FDX-IDLE
595554	4172463	0.43164	FDX-IDLE
595574	4172463	0.47364	FDX-IDLE
595594	4172463	0.52086	FDX-IDLE
595614	4172463	0.56237	FDX-IDLE
595634	4172463	0.60169	FDX-IDLE
595654	4172463	0.6365	FDX-IDLE
595674	4172463	0.66376	FDX-IDLE
595694	4172463	0.6821	FDX-IDLE
595714	4172463	0.69081	FDX-IDLE
595734	4172463	0.69075	FDX-IDLE
595754	4172463	0.68329	FDX-IDLE
595774	4172463	0.67057	FDX-IDLE
595794	4172463	0.65466	FDX-IDLE
595814	4172463	0.63475	FDX-IDLE
595834	4172463	0.61438	FDX-IDLE
595054	4172483	0.10325	FDX-IDLE
595074	4172483	0.10923	FDX-IDLE
595094	4172483	0.11484	FDX-IDLE
595114	4172483	0.12074	FDX-IDLE
595534	4172483	0.36467	FDX-IDLE
595554	4172483	0.39138	FDX-IDLE
595574	4172483	0.42899	FDX-IDLE
595594	4172483	0.46646	FDX-IDLE
595614	4172483	0.50119	FDX-IDLE
595634	4172483	0.53712	FDX-IDLE
595654	4172483	0.56944	FDX-IDLE
595674	4172483	0.59518	FDX-IDLE
595694	4172483	0.61338	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172483	0.62352	FDX-IDLE
595734	4172483	0.62593	FDX-IDLE
595754	4172483	0.62182	FDX-IDLE
595774	4172483	0.61269	FDX-IDLE
595794	4172483	0.59995	FDX-IDLE
595814	4172483	0.58391	FDX-IDLE
595834	4172483	0.56671	FDX-IDLE
595034	4172503	0.09637	FDX-IDLE
595054	4172503	0.10065	FDX-IDLE
595074	4172503	0.10569	FDX-IDLE
595094	4172503	0.11105	FDX-IDLE
595114	4172503	0.11669	FDX-IDLE
595534	4172503	0.33585	FDX-IDLE
595554	4172503	0.35765	FDX-IDLE
595574	4172503	0.39072	FDX-IDLE
595594	4172503	0.4214	FDX-IDLE
595614	4172503	0.45196	FDX-IDLE
595634	4172503	0.48326	FDX-IDLE
595654	4172503	0.51161	FDX-IDLE
595674	4172503	0.53339	FDX-IDLE
595694	4172503	0.55367	FDX-IDLE
595714	4172503	0.5647	FDX-IDLE
595734	4172503	0.56923	FDX-IDLE
595754	4172503	0.56742	FDX-IDLE
595774	4172503	0.56129	FDX-IDLE
595794	4172503	0.55201	FDX-IDLE
595814	4172503	0.53873	FDX-IDLE
595834	4172503	0.52426	FDX-IDLE
595034	4172523	0.09363	FDX-IDLE
595054	4172523	0.09814	FDX-IDLE
595074	4172523	0.10287	FDX-IDLE
595094	4172523	0.10737	FDX-IDLE
595514	4172523	0.28382	FDX-IDLE
595534	4172523	0.30601	FDX-IDLE
595554	4172523	0.33087	FDX-IDLE
595574	4172523	0.36258	FDX-IDLE
595594	4172523	0.38711	FDX-IDLE
595614	4172523	0.41499	FDX-IDLE
595634	4172523	0.43978	FDX-IDLE
595654	4172523	0.46144	FDX-IDLE
595674	4172523	0.48512	FDX-IDLE
595694	4172523	0.50073	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172523	0.51228	FDX-IDLE
595734	4172523	0.51837	FDX-IDLE
595754	4172523	0.51929	FDX-IDLE
595774	4172523	0.51553	FDX-IDLE
595794	4172523	0.50888	FDX-IDLE
595814	4172523	0.49823	FDX-IDLE
595834	4172523	0.48615	FDX-IDLE
595034	4172543	0.09113	FDX-IDLE
595054	4172543	0.09542	FDX-IDLE
595074	4172543	0.09963	FDX-IDLE
595094	4172543	0.10384	FDX-IDLE
595514	4172543	0.26225	FDX-IDLE
595534	4172543	0.28055	FDX-IDLE
595554	4172543	0.30452	FDX-IDLE
595574	4172543	0.33065	FDX-IDLE
595594	4172543	0.3531	FDX-IDLE
595614	4172543	0.37672	FDX-IDLE
595634	4172543	0.40137	FDX-IDLE
595654	4172543	0.42292	FDX-IDLE
595674	4172543	0.44171	FDX-IDLE
595694	4172543	0.45815	FDX-IDLE
595714	4172543	0.47027	FDX-IDLE
595734	4172543	0.4742	FDX-IDLE
595754	4172543	0.47648	FDX-IDLE
595774	4172543	0.47337	FDX-IDLE
595794	4172543	0.46992	FDX-IDLE
595814	4172543	0.46185	FDX-IDLE
595014	4172563	0.08504	FDX-IDLE
595034	4172563	0.08879	FDX-IDLE
595054	4172563	0.09257	FDX-IDLE
595074	4172563	0.09617	FDX-IDLE
595094	4172563	0.09971	FDX-IDLE
595514	4172563	0.24572	FDX-IDLE
595534	4172563	0.26099	FDX-IDLE
595554	4172563	0.28564	FDX-IDLE
595574	4172563	0.30342	FDX-IDLE
595594	4172563	0.32349	FDX-IDLE
595614	4172563	0.34463	FDX-IDLE
595634	4172563	0.36464	FDX-IDLE
595654	4172563	0.38616	FDX-IDLE
595674	4172563	0.40317	FDX-IDLE
595694	4172563	0.41804	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172563	0.42922	FDX-IDLE
595734	4172563	0.43696	FDX-IDLE
595754	4172563	0.43845	FDX-IDLE
595774	4172563	0.4373	FDX-IDLE
595794	4172563	0.43581	FDX-IDLE
595814	4172563	0.4291	FDX-IDLE
595014	4172583	0.08295	FDX-IDLE
595034	4172583	0.08627	FDX-IDLE
595054	4172583	0.08958	FDX-IDLE
595074	4172583	0.09256	FDX-IDLE
595494	4172583	0.21293	FDX-IDLE
595514	4172583	0.22832	FDX-IDLE
595534	4172583	0.24298	FDX-IDLE
595554	4172583	0.2633	FDX-IDLE
595574	4172583	0.27981	FDX-IDLE
595594	4172583	0.29787	FDX-IDLE
595614	4172583	0.3174	FDX-IDLE
595634	4172583	0.33468	FDX-IDLE
595654	4172583	0.35317	FDX-IDLE
595674	4172583	0.36943	FDX-IDLE
595694	4172583	0.38336	FDX-IDLE
595714	4172583	0.39426	FDX-IDLE
595734	4172583	0.40252	FDX-IDLE
595754	4172583	0.40505	FDX-IDLE
595774	4172583	0.40673	FDX-IDLE
595794	4172583	0.40469	FDX-IDLE
595814	4172583	0.39968	FDX-IDLE
595034	4172603	0.08375	FDX-IDLE
595054	4172603	0.08639	FDX-IDLE
595074	4172603	0.08878	FDX-IDLE
595494	4172603	0.19939	FDX-IDLE
595514	4172603	0.2109	FDX-IDLE
595534	4172603	0.22666	FDX-IDLE
595554	4172603	0.24441	FDX-IDLE
595574	4172603	0.25901	FDX-IDLE
595594	4172603	0.27529	FDX-IDLE
595614	4172603	0.29314	FDX-IDLE
595634	4172603	0.30976	FDX-IDLE
595654	4172603	0.32476	FDX-IDLE
595674	4172603	0.33967	FDX-IDLE
595694	4172603	0.35269	FDX-IDLE
595714	4172603	0.36319	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172603	0.37099	FDX-IDLE
595754	4172603	0.37433	FDX-IDLE
595774	4172603	0.3776	FDX-IDLE
595794	4172603	0.37609	FDX-IDLE
595474	4172623	0.17632	FDX-IDLE
595494	4172623	0.1889	FDX-IDLE
595514	4172623	0.19817	FDX-IDLE
595534	4172623	0.2119	FDX-IDLE
595554	4172623	0.2253	FDX-IDLE
595574	4172623	0.24093	FDX-IDLE
595594	4172623	0.25629	FDX-IDLE
595614	4172623	0.26883	FDX-IDLE
595634	4172623	0.28552	FDX-IDLE
595654	4172623	0.30022	FDX-IDLE
595674	4172623	0.31393	FDX-IDLE
595694	4172623	0.32547	FDX-IDLE
595714	4172623	0.33579	FDX-IDLE
595734	4172623	0.34248	FDX-IDLE
595754	4172623	0.34813	FDX-IDLE
595774	4172623	0.35086	FDX-IDLE
595794	4172623	0.35035	FDX-IDLE
595814	4172623	0.34771	FDX-IDLE
595474	4172643	0.16596	FDX-IDLE
595494	4172643	0.17451	FDX-IDLE
595514	4172643	0.1868	FDX-IDLE
595534	4172643	0.19786	FDX-IDLE
595554	4172643	0.20985	FDX-IDLE
595574	4172643	0.22192	FDX-IDLE
595594	4172643	0.23515	FDX-IDLE
595614	4172643	0.25165	FDX-IDLE
595634	4172643	0.26401	FDX-IDLE
595654	4172643	0.27795	FDX-IDLE
595674	4172643	0.29016	FDX-IDLE
595694	4172643	0.30126	FDX-IDLE
595714	4172643	0.31073	FDX-IDLE
595734	4172643	0.31777	FDX-IDLE
595754	4172643	0.32395	FDX-IDLE
595774	4172643	0.32642	FDX-IDLE
595794	4172643	0.32683	FDX-IDLE
595814	4172643	0.32522	FDX-IDLE
595474	4172663	0.15683	FDX-IDLE
595494	4172663	0.16474	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4172663	0.17549	FDX-IDLE
595534	4172663	0.18558	FDX-IDLE
595554	4172663	0.19632	FDX-IDLE
595574	4172663	0.20735	FDX-IDLE
595594	4172663	0.21944	FDX-IDLE
595614	4172663	0.23338	FDX-IDLE
595634	4172663	0.2451	FDX-IDLE
595654	4172663	0.2573	FDX-IDLE
595674	4172663	0.26875	FDX-IDLE
595694	4172663	0.28	FDX-IDLE
595714	4172663	0.28764	FDX-IDLE
595734	4172663	0.29548	FDX-IDLE
595754	4172663	0.30161	FDX-IDLE
595774	4172663	0.30436	FDX-IDLE
595794	4172663	0.30546	FDX-IDLE
595814	4172663	0.30472	FDX-IDLE
595454	4172683	0.14057	FDX-IDLE
595474	4172683	0.14797	FDX-IDLE
595494	4172683	0.15614	FDX-IDLE
595514	4172683	0.1654	FDX-IDLE
595534	4172683	0.17455	FDX-IDLE
595554	4172683	0.18427	FDX-IDLE
595574	4172683	0.19441	FDX-IDLE
595594	4172683	0.20674	FDX-IDLE
595614	4172683	0.21735	FDX-IDLE
595634	4172683	0.22843	FDX-IDLE
595654	4172683	0.23948	FDX-IDLE
595674	4172683	0.25001	FDX-IDLE
595694	4172683	0.26065	FDX-IDLE
595714	4172683	0.26837	FDX-IDLE
595734	4172683	0.27624	FDX-IDLE
595754	4172683	0.28087	FDX-IDLE
595774	4172683	0.28351	FDX-IDLE
595794	4172683	0.28546	FDX-IDLE
595814	4172683	0.28551	FDX-IDLE
595474	4172703	0.13984	FDX-IDLE
595494	4172703	0.14683	FDX-IDLE
595514	4172703	0.15501	FDX-IDLE
595534	4172703	0.16426	FDX-IDLE
595554	4172703	0.17347	FDX-IDLE
595574	4172703	0.18258	FDX-IDLE
595594	4172703	0.19405	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172703	0.20325	FDX-IDLE
595634	4172703	0.21337	FDX-IDLE
595654	4172703	0.22339	FDX-IDLE
595674	4172703	0.23327	FDX-IDLE
595694	4172703	0.24208	FDX-IDLE
595714	4172703	0.24983	FDX-IDLE
595734	4172703	0.25799	FDX-IDLE
595754	4172703	0.26245	FDX-IDLE
595774	4172703	0.26576	FDX-IDLE
595794	4172703	0.2676	FDX-IDLE
595814	4172703	0.268	FDX-IDLE
595834	4172703	0.26726	FDX-IDLE
595294	4172723	0.08962	FDX-IDLE
595314	4172723	0.09324	FDX-IDLE
595514	4172723	0.14723	FDX-IDLE
595534	4172723	0.1544	FDX-IDLE
595554	4172723	0.16239	FDX-IDLE
595574	4172723	0.17151	FDX-IDLE
595594	4172723	0.18242	FDX-IDLE
595614	4172723	0.1909	FDX-IDLE
595634	4172723	0.19978	FDX-IDLE
595654	4172723	0.20894	FDX-IDLE
595674	4172723	0.21838	FDX-IDLE
595694	4172723	0.22602	FDX-IDLE
595714	4172723	0.23458	FDX-IDLE
595734	4172723	0.24102	FDX-IDLE
595754	4172723	0.24535	FDX-IDLE
595774	4172723	0.24896	FDX-IDLE
595794	4172723	0.24998	FDX-IDLE
595814	4172723	0.25105	FDX-IDLE
595834	4172723	0.25095	FDX-IDLE
595294	4172743	0.08618	FDX-IDLE
595314	4172743	0.08951	FDX-IDLE
595334	4172743	0.09326	FDX-IDLE
595354	4172743	0.09776	FDX-IDLE
595374	4172743	0.10184	FDX-IDLE
595534	4172743	0.14704	FDX-IDLE
595554	4172743	0.15416	FDX-IDLE
595574	4172743	0.16129	FDX-IDLE
595594	4172743	0.1694	FDX-IDLE
595614	4172743	0.17808	FDX-IDLE
595634	4172743	0.1881	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172743	0.19624	FDX-IDLE
595674	4172743	0.20424	FDX-IDLE
595694	4172743	0.21146	FDX-IDLE
595714	4172743	0.21952	FDX-IDLE
595734	4172743	0.22569	FDX-IDLE
595754	4172743	0.23004	FDX-IDLE
595774	4172743	0.23284	FDX-IDLE
595794	4172743	0.23541	FDX-IDLE
595814	4172743	0.23685	FDX-IDLE
595834	4172743	0.2371	FDX-IDLE
595274	4172763	0.07997	FDX-IDLE
595294	4172763	0.08303	FDX-IDLE
595314	4172763	0.08606	FDX-IDLE
595334	4172763	0.08962	FDX-IDLE
595354	4172763	0.09372	FDX-IDLE
595374	4172763	0.09718	FDX-IDLE
595394	4172763	0.10143	FDX-IDLE
595414	4172763	0.1059	FDX-IDLE
595534	4172763	0.13925	FDX-IDLE
595554	4172763	0.14595	FDX-IDLE
595574	4172763	0.153	FDX-IDLE
595594	4172763	0.16017	FDX-IDLE
595614	4172763	0.16726	FDX-IDLE
595634	4172763	0.17477	FDX-IDLE
595654	4172763	0.18286	FDX-IDLE
595674	4172763	0.19086	FDX-IDLE
595694	4172763	0.19817	FDX-IDLE
595714	4172763	0.20546	FDX-IDLE
595734	4172763	0.21144	FDX-IDLE
595754	4172763	0.216	FDX-IDLE
595774	4172763	0.21939	FDX-IDLE
595794	4172763	0.2221	FDX-IDLE
595814	4172763	0.22376	FDX-IDLE
594934	4172783	0.05378	FDX-IDLE
594954	4172783	0.05409	FDX-IDLE
594974	4172783	0.05442	FDX-IDLE
595274	4172783	0.07693	FDX-IDLE
595294	4172783	0.07991	FDX-IDLE
595314	4172783	0.08326	FDX-IDLE
595334	4172783	0.08649	FDX-IDLE
595354	4172783	0.0895	FDX-IDLE
595374	4172783	0.09296	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595394	4172783	0.09676	FDX-IDLE
595414	4172783	0.10084	FDX-IDLE
595434	4172783	0.10525	FDX-IDLE
595454	4172783	0.11015	FDX-IDLE
595514	4172783	0.12615	FDX-IDLE
595534	4172783	0.13213	FDX-IDLE
595554	4172783	0.13828	FDX-IDLE
595574	4172783	0.14485	FDX-IDLE
595594	4172783	0.15132	FDX-IDLE
595614	4172783	0.1582	FDX-IDLE
595634	4172783	0.16512	FDX-IDLE
595654	4172783	0.17217	FDX-IDLE
595674	4172783	0.17898	FDX-IDLE
595694	4172783	0.18582	FDX-IDLE
595714	4172783	0.19308	FDX-IDLE
595734	4172783	0.19906	FDX-IDLE
595754	4172783	0.20396	FDX-IDLE
595774	4172783	0.20799	FDX-IDLE
595794	4172783	0.2109	FDX-IDLE
595814	4172783	0.21213	FDX-IDLE
594894	4172803	0.05042	FDX-IDLE
594914	4172803	0.05099	FDX-IDLE
594934	4172803	0.05146	FDX-IDLE
594954	4172803	0.05174	FDX-IDLE
594974	4172803	0.05199	FDX-IDLE
595274	4172803	0.07398	FDX-IDLE
595294	4172803	0.07668	FDX-IDLE
595314	4172803	0.07977	FDX-IDLE
595334	4172803	0.08324	FDX-IDLE
595354	4172803	0.08608	FDX-IDLE
595374	4172803	0.08927	FDX-IDLE
595394	4172803	0.09272	FDX-IDLE
595414	4172803	0.09649	FDX-IDLE
595434	4172803	0.10046	FDX-IDLE
595454	4172803	0.10478	FDX-IDLE
595474	4172803	0.10961	FDX-IDLE
595494	4172803	0.11483	FDX-IDLE
595514	4172803	0.12024	FDX-IDLE
595534	4172803	0.12566	FDX-IDLE
595554	4172803	0.13126	FDX-IDLE
595574	4172803	0.13726	FDX-IDLE
595594	4172803	0.14316	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172803	0.14953	FDX-IDLE
595634	4172803	0.156	FDX-IDLE
595654	4172803	0.16253	FDX-IDLE
595674	4172803	0.16902	FDX-IDLE
595694	4172803	0.17504	FDX-IDLE
595714	4172803	0.18083	FDX-IDLE
595734	4172803	0.18654	FDX-IDLE
595754	4172803	0.19137	FDX-IDLE
595774	4172803	0.19532	FDX-IDLE
595794	4172803	0.19821	FDX-IDLE
595814	4172803	0.20013	FDX-IDLE
594874	4172823	0.04797	FDX-IDLE
594894	4172823	0.04854	FDX-IDLE
594914	4172823	0.04896	FDX-IDLE
594934	4172823	0.04925	FDX-IDLE
594954	4172823	0.04944	FDX-IDLE
595254	4172823	0.06881	FDX-IDLE
595274	4172823	0.07129	FDX-IDLE
595294	4172823	0.07394	FDX-IDLE
595314	4172823	0.07699	FDX-IDLE
595334	4172823	0.07984	FDX-IDLE
595354	4172823	0.0827	FDX-IDLE
595374	4172823	0.08586	FDX-IDLE
595394	4172823	0.08905	FDX-IDLE
595414	4172823	0.09243	FDX-IDLE
595434	4172823	0.09617	FDX-IDLE
595454	4172823	0.10018	FDX-IDLE
595474	4172823	0.10448	FDX-IDLE
595494	4172823	0.10922	FDX-IDLE
595514	4172823	0.11421	FDX-IDLE
595534	4172823	0.11947	FDX-IDLE
595554	4172823	0.12486	FDX-IDLE
595574	4172823	0.13033	FDX-IDLE
595594	4172823	0.13582	FDX-IDLE
595614	4172823	0.14163	FDX-IDLE
595634	4172823	0.14752	FDX-IDLE
595654	4172823	0.1536	FDX-IDLE
595674	4172823	0.15966	FDX-IDLE
595694	4172823	0.16482	FDX-IDLE
595714	4172823	0.17033	FDX-IDLE
595734	4172823	0.17574	FDX-IDLE
595754	4172823	0.18034	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172823	0.18416	FDX-IDLE
595794	4172823	0.18713	FDX-IDLE
595814	4172823	0.18913	FDX-IDLE
594874	4172843	0.04633	FDX-IDLE
594894	4172843	0.04662	FDX-IDLE
594914	4172843	0.04691	FDX-IDLE
594934	4172843	0.04711	FDX-IDLE
594954	4172843	0.04725	FDX-IDLE
595254	4172843	0.06642	FDX-IDLE
595274	4172843	0.06891	FDX-IDLE
595294	4172843	0.07144	FDX-IDLE
595314	4172843	0.07431	FDX-IDLE
595334	4172843	0.0768	FDX-IDLE
595354	4172843	0.07959	FDX-IDLE
595374	4172843	0.08251	FDX-IDLE
595394	4172843	0.08553	FDX-IDLE
595414	4172843	0.08879	FDX-IDLE
595434	4172843	0.09224	FDX-IDLE
595454	4172843	0.096	FDX-IDLE
595474	4172843	0.09991	FDX-IDLE
595494	4172843	0.1043	FDX-IDLE
595514	4172843	0.10893	FDX-IDLE
595534	4172843	0.11364	FDX-IDLE
595554	4172843	0.11858	FDX-IDLE
595574	4172843	0.12379	FDX-IDLE
595594	4172843	0.12899	FDX-IDLE
595614	4172843	0.13414	FDX-IDLE
595634	4172843	0.1397	FDX-IDLE
595654	4172843	0.14531	FDX-IDLE
595674	4172843	0.1509	FDX-IDLE
595694	4172843	0.15519	FDX-IDLE
595714	4172843	0.16114	FDX-IDLE
595734	4172843	0.16613	FDX-IDLE
595754	4172843	0.17056	FDX-IDLE
595774	4172843	0.1743	FDX-IDLE
595794	4172843	0.17729	FDX-IDLE
595814	4172843	0.17944	FDX-IDLE
594854	4172863	0.04426	FDX-IDLE
594874	4172863	0.04461	FDX-IDLE
594894	4172863	0.04474	FDX-IDLE
594914	4172863	0.04487	FDX-IDLE
594934	4172863	0.04506	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595234	4172863	0.062	FDX-IDLE
595254	4172863	0.06414	FDX-IDLE
595274	4172863	0.06644	FDX-IDLE
595294	4172863	0.06908	FDX-IDLE
595314	4172863	0.07159	FDX-IDLE
595334	4172863	0.07408	FDX-IDLE
595354	4172863	0.07663	FDX-IDLE
595374	4172863	0.07942	FDX-IDLE
595394	4172863	0.08217	FDX-IDLE
595414	4172863	0.08524	FDX-IDLE
595434	4172863	0.08853	FDX-IDLE
595454	4172863	0.09216	FDX-IDLE
595474	4172863	0.09587	FDX-IDLE
595494	4172863	0.09988	FDX-IDLE
595514	4172863	0.10406	FDX-IDLE
595534	4172863	0.10835	FDX-IDLE
595554	4172863	0.11292	FDX-IDLE
595574	4172863	0.11786	FDX-IDLE
595594	4172863	0.12273	FDX-IDLE
595614	4172863	0.12779	FDX-IDLE
595634	4172863	0.13244	FDX-IDLE
595654	4172863	0.13759	FDX-IDLE
595674	4172863	0.14256	FDX-IDLE
595694	4172863	0.14731	FDX-IDLE
595714	4172863	0.15252	FDX-IDLE
595734	4172863	0.15725	FDX-IDLE
595754	4172863	0.1615	FDX-IDLE
595774	4172863	0.16514	FDX-IDLE
595794	4172863	0.16811	FDX-IDLE
594854	4172883	0.04258	FDX-IDLE
594874	4172883	0.04276	FDX-IDLE
594894	4172883	0.04286	FDX-IDLE
594914	4172883	0.04295	FDX-IDLE
595234	4172883	0.06003	FDX-IDLE
595254	4172883	0.06208	FDX-IDLE
595274	4172883	0.06425	FDX-IDLE
595294	4172883	0.06664	FDX-IDLE
595314	4172883	0.06894	FDX-IDLE
595334	4172883	0.07146	FDX-IDLE
595354	4172883	0.07403	FDX-IDLE
595374	4172883	0.07663	FDX-IDLE
595394	4172883	0.07914	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595414	4172883	0.08197	FDX-IDLE
595434	4172883	0.08518	FDX-IDLE
595454	4172883	0.08838	FDX-IDLE
595474	4172883	0.09192	FDX-IDLE
595494	4172883	0.09563	FDX-IDLE
595514	4172883	0.09965	FDX-IDLE
595534	4172883	0.10367	FDX-IDLE
595554	4172883	0.10794	FDX-IDLE
595574	4172883	0.1124	FDX-IDLE
595594	4172883	0.11671	FDX-IDLE
595614	4172883	0.12122	FDX-IDLE
595634	4172883	0.12591	FDX-IDLE
595654	4172883	0.13078	FDX-IDLE
595674	4172883	0.13454	FDX-IDLE
595694	4172883	0.13978	FDX-IDLE
595714	4172883	0.14456	FDX-IDLE
595734	4172883	0.14905	FDX-IDLE
595754	4172883	0.15312	FDX-IDLE
595774	4172883	0.15666	FDX-IDLE
595794	4172883	0.15959	FDX-IDLE
594854	4172903	0.04093	FDX-IDLE
594874	4172903	0.04102	FDX-IDLE
594894	4172903	0.04107	FDX-IDLE
594914	4172903	0.04115	FDX-IDLE
595234	4172903	0.05817	FDX-IDLE
595254	4172903	0.06013	FDX-IDLE
595274	4172903	0.06222	FDX-IDLE
595294	4172903	0.06441	FDX-IDLE
595314	4172903	0.06657	FDX-IDLE
595334	4172903	0.06893	FDX-IDLE
595354	4172903	0.0712	FDX-IDLE
595374	4172903	0.07368	FDX-IDLE
595394	4172903	0.07637	FDX-IDLE
595414	4172903	0.07908	FDX-IDLE
595434	4172903	0.08191	FDX-IDLE
595454	4172903	0.08492	FDX-IDLE
595474	4172903	0.08817	FDX-IDLE
595494	4172903	0.09169	FDX-IDLE
595514	4172903	0.09532	FDX-IDLE
595534	4172903	0.0991	FDX-IDLE
595554	4172903	0.10316	FDX-IDLE
595574	4172903	0.10727	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172903	0.11119	FDX-IDLE
595614	4172903	0.11533	FDX-IDLE
595634	4172903	0.11974	FDX-IDLE
595654	4172903	0.12418	FDX-IDLE
595674	4172903	0.12776	FDX-IDLE
595694	4172903	0.13272	FDX-IDLE
595714	4172903	0.13721	FDX-IDLE
595734	4172903	0.14147	FDX-IDLE
595754	4172903	0.14536	FDX-IDLE
595774	4172903	0.1488	FDX-IDLE
595794	4172903	0.15169	FDX-IDLE
594854	4172923	0.03929	FDX-IDLE
594874	4172923	0.03935	FDX-IDLE
594894	4172923	0.03939	FDX-IDLE
594914	4172923	0.0395	FDX-IDLE
595254	4172923	0.05831	FDX-IDLE
595274	4172923	0.06028	FDX-IDLE
595294	4172923	0.06228	FDX-IDLE
595314	4172923	0.06436	FDX-IDLE
595334	4172923	0.06658	FDX-IDLE
595354	4172923	0.06867	FDX-IDLE
595374	4172923	0.07093	FDX-IDLE
595394	4172923	0.07334	FDX-IDLE
595414	4172923	0.07596	FDX-IDLE
595434	4172923	0.07879	FDX-IDLE
595454	4172923	0.0817	FDX-IDLE
595474	4172923	0.08479	FDX-IDLE
595494	4172923	0.08794	FDX-IDLE
595514	4172923	0.09133	FDX-IDLE
595534	4172923	0.09484	FDX-IDLE
595554	4172923	0.09866	FDX-IDLE
595574	4172923	0.10236	FDX-IDLE
595594	4172923	0.10611	FDX-IDLE
595614	4172923	0.11011	FDX-IDLE
595634	4172923	0.1141	FDX-IDLE
595654	4172923	0.11739	FDX-IDLE
595674	4172923	0.12184	FDX-IDLE
595694	4172923	0.12618	FDX-IDLE
595714	4172923	0.13041	FDX-IDLE
595734	4172923	0.13444	FDX-IDLE
595754	4172923	0.13816	FDX-IDLE
595774	4172923	0.14148	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4172943	0.06229	FDX-IDLE
595334	4172943	0.06427	FDX-IDLE
595354	4172943	0.06632	FDX-IDLE
595374	4172943	0.06844	FDX-IDLE
595394	4172943	0.07076	FDX-IDLE
595414	4172943	0.07313	FDX-IDLE
595434	4172943	0.07571	FDX-IDLE
595454	4172943	0.07846	FDX-IDLE
595474	4172943	0.08142	FDX-IDLE
595494	4172943	0.08454	FDX-IDLE
595514	4172943	0.08773	FDX-IDLE
595534	4172943	0.09102	FDX-IDLE
595554	4172943	0.09444	FDX-IDLE
595574	4172943	0.09779	FDX-IDLE
595594	4172943	0.10138	FDX-IDLE
595614	4172943	0.10512	FDX-IDLE
595634	4172943	0.10881	FDX-IDLE
595654	4172943	0.11164	FDX-IDLE
595674	4172943	0.11588	FDX-IDLE
595694	4172943	0.12011	FDX-IDLE
595714	4172943	0.12409	FDX-IDLE
595734	4172943	0.12791	FDX-IDLE
595754	4172943	0.13146	FDX-IDLE
595774	4172943	0.13466	FDX-IDLE
595314	4172963	0.06024	FDX-IDLE
595334	4172963	0.06221	FDX-IDLE
595354	4172963	0.06412	FDX-IDLE
595374	4172963	0.06612	FDX-IDLE
595394	4172963	0.06823	FDX-IDLE
595414	4172963	0.07047	FDX-IDLE
595434	4172963	0.07291	FDX-IDLE
595454	4172963	0.07548	FDX-IDLE
595474	4172963	0.07814	FDX-IDLE
595494	4172963	0.08112	FDX-IDLE
595514	4172963	0.08416	FDX-IDLE
595534	4172963	0.08728	FDX-IDLE
595554	4172963	0.09046	FDX-IDLE
595574	4172963	0.09367	FDX-IDLE
595594	4172963	0.09698	FDX-IDLE
595614	4172963	0.10046	FDX-IDLE
595634	4172963	0.10341	FDX-IDLE
595654	4172963	0.10681	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172963	0.11059	FDX-IDLE
595694	4172963	0.11437	FDX-IDLE
595714	4172963	0.11811	FDX-IDLE
595734	4172963	0.12174	FDX-IDLE
595754	4172963	0.12514	FDX-IDLE
595314	4172983	0.05835	FDX-IDLE
595334	4172983	0.06018	FDX-IDLE
595354	4172983	0.06201	FDX-IDLE
595374	4172983	0.0639	FDX-IDLE
595394	4172983	0.06591	FDX-IDLE
595414	4172983	0.06801	FDX-IDLE
595434	4172983	0.07031	FDX-IDLE
595454	4172983	0.07275	FDX-IDLE
595474	4172983	0.07524	FDX-IDLE
595494	4172983	0.07801	FDX-IDLE
595514	4172983	0.08077	FDX-IDLE
595534	4172983	0.0837	FDX-IDLE
595554	4172983	0.08672	FDX-IDLE
595574	4172983	0.08965	FDX-IDLE
595594	4172983	0.09277	FDX-IDLE
595614	4172983	0.09606	FDX-IDLE
595634	4172983	0.09844	FDX-IDLE
595654	4172983	0.10221	FDX-IDLE
595674	4172983	0.10573	FDX-IDLE
595694	4172983	0.1093	FDX-IDLE
595714	4172983	0.11284	FDX-IDLE
595734	4172983	0.11627	FDX-IDLE
595754	4172983	0.11952	FDX-IDLE
595314	4173003	0.05662	FDX-IDLE
595334	4173003	0.05822	FDX-IDLE
595354	4173003	0.05996	FDX-IDLE
595374	4173003	0.06177	FDX-IDLE
595394	4173003	0.06364	FDX-IDLE
595414	4173003	0.06567	FDX-IDLE
595434	4173003	0.06783	FDX-IDLE
595454	4173003	0.07015	FDX-IDLE
595474	4173003	0.07253	FDX-IDLE
595494	4173003	0.07508	FDX-IDLE
595514	4173003	0.0777	FDX-IDLE
595534	4173003	0.08043	FDX-IDLE
595554	4173003	0.08323	FDX-IDLE
595574	4173003	0.08595	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4173003	0.08888	FDX-IDLE
595614	4173003	0.0917	FDX-IDLE
595634	4173003	0.09443	FDX-IDLE
595654	4173003	0.09776	FDX-IDLE
595674	4173003	0.10106	FDX-IDLE
595694	4173003	0.10442	FDX-IDLE
595714	4173003	0.10776	FDX-IDLE
595734	4173003	0.11101	FDX-IDLE
595294	4173023	0.05324	FDX-IDLE
595314	4173023	0.05478	FDX-IDLE
595334	4173023	0.05639	FDX-IDLE
595354	4173023	0.05804	FDX-IDLE
595374	4173023	0.05974	FDX-IDLE
595394	4173023	0.06154	FDX-IDLE
595414	4173023	0.06345	FDX-IDLE
595434	4173023	0.06544	FDX-IDLE
595454	4173023	0.0676	FDX-IDLE
595474	4173023	0.0699	FDX-IDLE
595494	4173023	0.07234	FDX-IDLE
595514	4173023	0.0748	FDX-IDLE
595534	4173023	0.07736	FDX-IDLE
595554	4173023	0.07995	FDX-IDLE
595574	4173023	0.08256	FDX-IDLE
595594	4173023	0.08532	FDX-IDLE
595614	4173023	0.08742	FDX-IDLE
595634	4173023	0.0906	FDX-IDLE
595654	4173023	0.09361	FDX-IDLE
595674	4173023	0.09671	FDX-IDLE
595694	4173023	0.09986	FDX-IDLE
595714	4173023	0.10301	FDX-IDLE
595294	4173043	0.0517	FDX-IDLE
595314	4173043	0.05315	FDX-IDLE
595334	4173043	0.05467	FDX-IDLE
595354	4173043	0.05621	FDX-IDLE
595374	4173043	0.05783	FDX-IDLE
595394	4173043	0.05953	FDX-IDLE
595414	4173043	0.0613	FDX-IDLE
595434	4173043	0.0632	FDX-IDLE
595454	4173043	0.06524	FDX-IDLE
595474	4173043	0.0674	FDX-IDLE
595494	4173043	0.06972	FDX-IDLE
595514	4173043	0.07204	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4173043	0.0744	FDX-IDLE
595554	4173043	0.07686	FDX-IDLE
595574	4173043	0.07936	FDX-IDLE
595594	4173043	0.08189	FDX-IDLE
595614	4173043	0.08394	FDX-IDLE
595634	4173043	0.0869	FDX-IDLE
595654	4173043	0.08972	FDX-IDLE
595674	4173043	0.09263	FDX-IDLE
595694	4173043	0.0956	FDX-IDLE
595294	4173063	0.05022	FDX-IDLE
595314	4173063	0.0516	FDX-IDLE
595334	4173063	0.05302	FDX-IDLE
595354	4173063	0.05448	FDX-IDLE
595374	4173063	0.056	FDX-IDLE
595394	4173063	0.05756	FDX-IDLE
595414	4173063	0.05923	FDX-IDLE
595434	4173063	0.06105	FDX-IDLE
595454	4173063	0.06303	FDX-IDLE
595474	4173063	0.0651	FDX-IDLE
595494	4173063	0.0673	FDX-IDLE
595514	4173063	0.06948	FDX-IDLE
595534	4173063	0.07167	FDX-IDLE
595554	4173063	0.07399	FDX-IDLE
595574	4173063	0.07628	FDX-IDLE
595594	4173063	0.07839	FDX-IDLE
595614	4173063	0.08079	FDX-IDLE
595634	4173063	0.08344	FDX-IDLE
595654	4173063	0.08608	FDX-IDLE
595354	4173083	0.05281	FDX-IDLE
595374	4173083	0.0542	FDX-IDLE
595394	4173083	0.05567	FDX-IDLE
595414	4173083	0.05727	FDX-IDLE
595434	4173083	0.05901	FDX-IDLE
595454	4173083	0.06092	FDX-IDLE
595474	4173083	0.06293	FDX-IDLE
595494	4173083	0.06511	FDX-IDLE
595514	4173083	0.06718	FDX-IDLE
595534	4173083	0.0691	FDX-IDLE
595554	4173083	0.07131	FDX-IDLE
595574	4173083	0.07343	FDX-IDLE
595594	4173083	0.07567	FDX-IDLE
595614	4173083	0.07748	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595334	4173103	0.04988	FDX-IDLE
595354	4173103	0.05117	FDX-IDLE
595374	4173103	0.05249	FDX-IDLE
595394	4173103	0.05389	FDX-IDLE
595414	4173103	0.05541	FDX-IDLE
595434	4173103	0.05708	FDX-IDLE
595454	4173103	0.05893	FDX-IDLE
595474	4173103	0.06089	FDX-IDLE
595494	4173103	0.06293	FDX-IDLE
595514	4173103	0.06466	FDX-IDLE
595534	4173103	0.0667	FDX-IDLE
595334	4173123	0.04837	FDX-IDLE
595354	4173123	0.04959	FDX-IDLE
595374	4173123	0.05085	FDX-IDLE
595394	4173123	0.0522	FDX-IDLE
595414	4173123	0.05367	FDX-IDLE
595434	4173123	0.05528	FDX-IDLE
595454	4173123	0.05706	FDX-IDLE
595474	4173123	0.05897	FDX-IDLE
595494	4173123	0.06085	FDX-IDLE
595514	4173123	0.06247	FDX-IDLE
595354	4173143	0.04811	FDX-IDLE
595374	4173143	0.04933	FDX-IDLE
595394	4173143	0.05065	FDX-IDLE
595414	4173143	0.05222	FDX-IDLE
595434	4173143	0.05373	FDX-IDLE
595494	4173143	0.05867	FDX-IDLE
595354	4173163	0.04676	FDX-IDLE
595374	4173163	0.04791	FDX-IDLE
595394	4173163	0.04916	FDX-IDLE
595414	4173163	0.05061	FDX-IDLE
595434	4173163	0.05204	FDX-IDLE
595374	4173183	0.04656	FDX-IDLE
595394	4173183	0.04774	FDX-IDLE
595414	4173183	0.04903	FDX-IDLE
595434	4173183	0.05041	FDX-IDLE
595203.12	4172931.43	0.05333	FDX-IDLE
595305.29	4173022.49	0.05413	FDX-IDLE
596059.85	4172738.92	0.2034	FDX-IDLE
595782.4	4171913.24	2.36696	FDX-IDLE
595790.49	4171877.76	1.6402	FDX-IDLE
595826.59	4171700.37	0.3877	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595857.85	4171568.4	0.19675	FDX-IDLE
595427.66	4172811.08	0.09742	FDX-IDLE
595616.96	4172890.78	0.11955	FDX-IDLE
595465.61	4172972.42	0.07563	FDX-IDLE
595413.93	4172953.11	0.07176	FDX-IDLE
595207.62	4172857.58	0.05983	FDX-IDLE
595229.35	4172793.73	0.06931	FDX-IDLE
595251.41	4172717.21	0.08324	FDX-IDLE
595276.16	4172654.64	0.09991	FDX-IDLE
595286.24	4171790.65	1.09099	FDX-IDLE
595306.24	4171790.65	1.07	FDX-IDLE
595326.24	4171790.65	1.04016	FDX-IDLE
595266.24	4171810.65	1.25629	FDX-IDLE
595286.24	4171810.65	1.25367	FDX-IDLE
595306.24	4171810.65	1.24579	FDX-IDLE
595326.24	4171810.65	1.22064	FDX-IDLE
595246.24	4171830.65	1.40443	FDX-IDLE
595266.24	4171830.65	1.42834	FDX-IDLE
595286.24	4171830.65	1.44278	FDX-IDLE
595306.24	4171830.65	1.44759	FDX-IDLE
595326.24	4171830.65	1.43588	FDX-IDLE
595226.24	4171850.65	1.51376	FDX-IDLE
595246.24	4171850.65	1.5728	FDX-IDLE
595266.24	4171850.65	1.62076	FDX-IDLE
595286.24	4171850.65	1.65761	FDX-IDLE
595306.24	4171850.65	1.68141	FDX-IDLE
595326.24	4171850.65	1.68908	FDX-IDLE
595206.24	4171870.65	1.56607	FDX-IDLE
595226.24	4171870.65	1.65582	FDX-IDLE
595246.24	4171870.65	1.74126	FDX-IDLE
595266.24	4171870.65	1.81894	FDX-IDLE
595286.24	4171870.65	1.88794	FDX-IDLE
595306.24	4171870.65	1.94361	FDX-IDLE
595186.24	4171890.65	1.54318	FDX-IDLE
595206.24	4171890.65	1.65913	FDX-IDLE
595226.24	4171890.65	1.77791	FDX-IDLE
595246.24	4171890.65	1.89803	FDX-IDLE
595266.24	4171890.65	2.01522	FDX-IDLE
595286.24	4171890.65	2.12682	FDX-IDLE
595306.24	4171890.65	2.22731	FDX-IDLE
595186.24	4171910.65	1.58047	FDX-IDLE
595206.24	4171910.65	1.7198	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595226.24	4171910.65	1.86947	FDX-IDLE
595246.24	4171910.65	2.02758	FDX-IDLE
595266.24	4171910.65	2.19067	FDX-IDLE
595286.24	4171910.65	2.35344	FDX-IDLE
595306.24	4171910.65	2.51422	FDX-IDLE
595166.24	4171930.65	1.44086	FDX-IDLE
595186.24	4171930.65	1.58385	FDX-IDLE
595206.24	4171930.65	1.74375	FDX-IDLE
595226.24	4171930.65	1.91857	FDX-IDLE
595246.24	4171930.65	2.11327	FDX-IDLE
595266.24	4171930.65	2.3211	FDX-IDLE
595286.24	4171930.65	2.54252	FDX-IDLE
595166.24	4171950.65	1.40312	FDX-IDLE
595186.24	4171950.65	1.55271	FDX-IDLE
595206.24	4171950.65	1.72394	FDX-IDLE
595226.24	4171950.65	1.91631	FDX-IDLE
595246.24	4171950.65	2.13925	FDX-IDLE
595266.24	4171950.65	2.38726	FDX-IDLE
595286.24	4171950.65	2.66449	FDX-IDLE
595146.24	4171970.65	1.20623	FDX-IDLE
595166.24	4171970.65	1.33609	FDX-IDLE
595186.24	4171970.65	1.48784	FDX-IDLE
595206.24	4171970.65	1.66284	FDX-IDLE
595226.24	4171970.65	1.86476	FDX-IDLE
595246.24	4171970.65	2.10485	FDX-IDLE
595266.24	4171970.65	2.37844	FDX-IDLE
595146.24	4171990.65	1.12625	FDX-IDLE
595166.24	4171990.65	1.25043	FDX-IDLE
595186.24	4171990.65	1.39631	FDX-IDLE
595206.24	4171990.65	1.56634	FDX-IDLE
595852.66	4171825.33	1.03855	FDX-IDLE
595852.66	4171845.33	1.22101	FDX-IDLE
595852.66	4171865.33	1.43496	FDX-IDLE
595872.66	4171865.33	1.40661	FDX-IDLE
595892.66	4171865.33	1.37061	FDX-IDLE
595832.66	4171885.33	1.7244	FDX-IDLE
595852.66	4171885.33	1.67861	FDX-IDLE
595872.66	4171885.33	1.62366	FDX-IDLE
595892.66	4171885.33	1.56197	FDX-IDLE
595832.66	4171905.33	2.03092	FDX-IDLE
595852.66	4171905.33	1.9439	FDX-IDLE
595872.66	4171905.33	1.85161	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595892.66	4171905.33	1.76049	FDX-IDLE
595912.66	4171905.33	1.67163	FDX-IDLE
595832.66	4171925.33	2.37164	FDX-IDLE
595852.66	4171925.33	2.23456	FDX-IDLE
595872.66	4171925.33	2.09977	FDX-IDLE
595892.66	4171925.33	1.96532	FDX-IDLE
595912.66	4171925.33	1.83747	FDX-IDLE
595852.66	4171945.33	2.51884	FDX-IDLE
595872.66	4171945.33	2.34018	FDX-IDLE
595892.66	4171945.33	2.1719	FDX-IDLE
595912.66	4171945.33	2.01147	FDX-IDLE
595932.66	4171945.33	1.86148	FDX-IDLE
595102.43	4172101.44	0.47492	FDX-IDLE
595122.43	4172101.44	0.51373	FDX-IDLE
595142.43	4172101.44	0.55861	FDX-IDLE
595102.43	4172121.44	0.40906	FDX-IDLE
595122.43	4172121.44	0.43964	FDX-IDLE
595142.43	4172121.44	0.4757	FDX-IDLE
595082.43	4172141.44	0.3313	FDX-IDLE
595102.43	4172141.44	0.35333	FDX-IDLE
595122.43	4172141.44	0.37846	FDX-IDLE
595142.43	4172141.44	0.4072	FDX-IDLE
595082.43	4172161.44	0.29029	FDX-IDLE
595102.43	4172161.44	0.30941	FDX-IDLE
595122.43	4172161.44	0.32947	FDX-IDLE
595142.43	4172161.44	0.35286	FDX-IDLE
595082.43	4172181.44	0.25743	FDX-IDLE
595102.43	4172181.44	0.27346	FDX-IDLE
595122.43	4172181.44	0.29111	FDX-IDLE
595142.43	4172181.44	0.31086	FDX-IDLE
595062.43	4172201.44	0.21869	FDX-IDLE
595082.43	4172201.44	0.23149	FDX-IDLE
595102.43	4172201.44	0.24592	FDX-IDLE
595122.43	4172201.44	0.26144	FDX-IDLE
595142.43	4172201.44	0.27898	FDX-IDLE
595162.43	4172201.44	0.29857	FDX-IDLE
595062.43	4172221.44	0.19975	FDX-IDLE
595082.43	4172221.44	0.21144	FDX-IDLE
595102.43	4172221.44	0.22473	FDX-IDLE
595122.43	4172221.44	0.23864	FDX-IDLE
595142.43	4172221.44	0.25443	FDX-IDLE
595162.43	4172221.44	0.27203	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595062.43	4172241.44	0.18528	FDX-IDLE
595082.43	4172241.44	0.19626	FDX-IDLE
595102.43	4172241.44	0.20815	FDX-IDLE
595122.43	4172241.44	0.22125	FDX-IDLE
595142.43	4172241.44	0.23643	FDX-IDLE
595162.43	4172241.44	0.25346	FDX-IDLE
595062.43	4172261.44	0.17421	FDX-IDLE
595082.43	4172261.44	0.18481	FDX-IDLE
595102.43	4172261.44	0.19499	FDX-IDLE
595122.43	4172261.44	0.20729	FDX-IDLE
595142.43	4172261.44	0.22178	FDX-IDLE
595042.43	4172281.44	0.15604	FDX-IDLE
595062.43	4172281.44	0.165	FDX-IDLE
595082.43	4172281.44	0.17487	FDX-IDLE
595102.43	4172281.44	0.18404	FDX-IDLE
595122.43	4172281.44	0.19665	FDX-IDLE
595142.43	4172281.44	0.20921	FDX-IDLE
595162.43	4172281.44	0.22257	FDX-IDLE
595042.43	4172301.44	0.14872	FDX-IDLE
595062.43	4172301.44	0.15721	FDX-IDLE
595082.43	4172301.44	0.1659	FDX-IDLE
595102.43	4172301.44	0.17498	FDX-IDLE
595122.43	4172301.44	0.18593	FDX-IDLE
595142.43	4172301.44	0.19753	FDX-IDLE
595162.43	4172301.44	0.21001	FDX-IDLE
595042.43	4172321.44	0.14252	FDX-IDLE
595062.43	4172321.44	0.1504	FDX-IDLE
595082.43	4172321.44	0.15722	FDX-IDLE
595102.43	4172321.44	0.16641	FDX-IDLE
595122.43	4172321.44	0.17604	FDX-IDLE
595142.43	4172321.44	0.18691	FDX-IDLE
595162.43	4172321.44	0.19805	FDX-IDLE
595022.43	4172341.44	0.12986	FDX-IDLE
595042.43	4172341.44	0.13665	FDX-IDLE
595062.43	4172341.44	0.14378	FDX-IDLE
595082.43	4172341.44	0.15107	FDX-IDLE
595102.43	4172341.44	0.15872	FDX-IDLE
595122.43	4172341.44	0.16695	FDX-IDLE
595142.43	4172341.44	0.17686	FDX-IDLE
595162.43	4172341.44	0.18714	FDX-IDLE
595509.2	4172311.1	0.82139	FDX-IDLE
595453.66	4172369.33	0.43272	FDX-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595568.33	4173021.18	0.08209	FDX-IDLE
595515	4172097	17.59646	FDX-IDLE
595271.59	4172931.11	0.05925	FDX-IDLE
595259.54	4172956.67	0.05585	FDX-IDLE
595229.53	4172979.48	0.0514	FDX-IDLE
595158.78	4172948.61	0.04842	FDX-IDLE
595424.36	4172061.47	6.78068	FDX-IDLE
595637.78	4172033.56	25.31914	FDX-IDLE
595497.98	4172569.45	0.22623	FDX-IDLE
595440.32	4172695.89	0.13174	FDX-IDLE
595531.7	4172736.24	0.1488	FDX-IDLE
595503.43	4172797.49	0.11903	FDX-IDLE
595293.61	4172706.67	0.0926	FDX-IDLE
595216.89	4172907.31	0.05621	FDX-IDLE
595554	4171743	0.18529	GAS-FUEL
595574	4171743	0.18665	GAS-FUEL
595594	4171743	0.18659	GAS-FUEL
595614	4171743	0.18679	GAS-FUEL
595634	4171743	0.18631	GAS-FUEL
595654	4171743	0.18608	GAS-FUEL
595674	4171743	0.18587	GAS-FUEL
595694	4171743	0.18612	GAS-FUEL
595714	4171743	0.18572	GAS-FUEL
595534	4171763	0.19229	GAS-FUEL
595554	4171763	0.19227	GAS-FUEL
595574	4171763	0.19353	GAS-FUEL
595594	4171763	0.19356	GAS-FUEL
595614	4171763	0.19375	GAS-FUEL
595634	4171763	0.19354	GAS-FUEL
595654	4171763	0.19303	GAS-FUEL
595674	4171763	0.1929	GAS-FUEL
595694	4171763	0.19265	GAS-FUEL
595714	4171763	0.19303	GAS-FUEL
595734	4171763	0.19439	GAS-FUEL
595754	4171763	0.19512	GAS-FUEL
595774	4171763	0.19606	GAS-FUEL
595314	4171783	0.20156	GAS-FUEL
595334	4171783	0.20136	GAS-FUEL
595534	4171783	0.19909	GAS-FUEL
595554	4171783	0.19979	GAS-FUEL
595574	4171783	0.20039	GAS-FUEL
595594	4171783	0.20032	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4171783	0.2002	GAS-FUEL
595634	4171783	0.20087	GAS-FUEL
595654	4171783	0.20049	GAS-FUEL
595674	4171783	0.20047	GAS-FUEL
595694	4171783	0.19996	GAS-FUEL
595714	4171783	0.20134	GAS-FUEL
595734	4171783	0.20214	GAS-FUEL
595754	4171783	0.20289	GAS-FUEL
595774	4171783	0.20412	GAS-FUEL
595794	4171783	0.20544	GAS-FUEL
595274	4171803	0.21046	GAS-FUEL
595294	4171803	0.20983	GAS-FUEL
595314	4171803	0.20951	GAS-FUEL
595334	4171803	0.20913	GAS-FUEL
595534	4171803	0.20683	GAS-FUEL
595554	4171803	0.20748	GAS-FUEL
595574	4171803	0.20885	GAS-FUEL
595594	4171803	0.20897	GAS-FUEL
595614	4171803	0.20886	GAS-FUEL
595634	4171803	0.20867	GAS-FUEL
595654	4171803	0.2079	GAS-FUEL
595674	4171803	0.20776	GAS-FUEL
595694	4171803	0.20801	GAS-FUEL
595714	4171803	0.20953	GAS-FUEL
595734	4171803	0.21037	GAS-FUEL
595754	4171803	0.21115	GAS-FUEL
595774	4171803	0.21273	GAS-FUEL
595794	4171803	0.21424	GAS-FUEL
595814	4171803	0.21605	GAS-FUEL
595254	4171823	0.2198	GAS-FUEL
595274	4171823	0.21878	GAS-FUEL
595294	4171823	0.21816	GAS-FUEL
595314	4171823	0.21792	GAS-FUEL
595334	4171823	0.21758	GAS-FUEL
595514	4171823	0.21513	GAS-FUEL
595534	4171823	0.21514	GAS-FUEL
595554	4171823	0.21597	GAS-FUEL
595574	4171823	0.21674	GAS-FUEL
595594	4171823	0.21688	GAS-FUEL
595614	4171823	0.21709	GAS-FUEL
595634	4171823	0.21687	GAS-FUEL
595654	4171823	0.21681	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4171823	0.217	GAS-FUEL
595694	4171823	0.21667	GAS-FUEL
595714	4171823	0.21836	GAS-FUEL
595734	4171823	0.21931	GAS-FUEL
595754	4171823	0.22046	GAS-FUEL
595774	4171823	0.22198	GAS-FUEL
595794	4171823	0.22372	GAS-FUEL
595814	4171823	0.22588	GAS-FUEL
595834	4171823	0.22865	GAS-FUEL
595854	4171823	0.23199	GAS-FUEL
595234	4171843	0.23053	GAS-FUEL
595254	4171843	0.22915	GAS-FUEL
595274	4171843	0.22813	GAS-FUEL
595294	4171843	0.22741	GAS-FUEL
595314	4171843	0.22686	GAS-FUEL
595334	4171843	0.2266	GAS-FUEL
595514	4171843	0.22368	GAS-FUEL
595534	4171843	0.22399	GAS-FUEL
595554	4171843	0.22462	GAS-FUEL
595574	4171843	0.22614	GAS-FUEL
595594	4171843	0.22573	GAS-FUEL
595614	4171843	0.22596	GAS-FUEL
595634	4171843	0.22577	GAS-FUEL
595654	4171843	0.2258	GAS-FUEL
595674	4171843	0.22543	GAS-FUEL
595694	4171843	0.22623	GAS-FUEL
595714	4171843	0.22786	GAS-FUEL
595734	4171843	0.22883	GAS-FUEL
595754	4171843	0.23033	GAS-FUEL
595774	4171843	0.23196	GAS-FUEL
595794	4171843	0.23404	GAS-FUEL
595814	4171843	0.23661	GAS-FUEL
595854	4171843	0.24386	GAS-FUEL
595874	4171843	0.24878	GAS-FUEL
595214	4171863	0.24151	GAS-FUEL
595234	4171863	0.2403	GAS-FUEL
595254	4171863	0.23908	GAS-FUEL
595274	4171863	0.23784	GAS-FUEL
595294	4171863	0.23717	GAS-FUEL
595314	4171863	0.23651	GAS-FUEL
595334	4171863	0.23619	GAS-FUEL
595514	4171863	0.2328	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4171863	0.23344	GAS-FUEL
595554	4171863	0.23405	GAS-FUEL
595574	4171863	0.23429	GAS-FUEL
595594	4171863	0.23425	GAS-FUEL
595614	4171863	0.23405	GAS-FUEL
595634	4171863	0.23464	GAS-FUEL
595654	4171863	0.23544	GAS-FUEL
595674	4171863	0.23487	GAS-FUEL
595694	4171863	0.23673	GAS-FUEL
595714	4171863	0.23779	GAS-FUEL
595734	4171863	0.23906	GAS-FUEL
595754	4171863	0.24088	GAS-FUEL
595774	4171863	0.24301	GAS-FUEL
595794	4171863	0.24565	GAS-FUEL
595814	4171863	0.24869	GAS-FUEL
595834	4171863	0.25233	GAS-FUEL
595854	4171863	0.25694	GAS-FUEL
595874	4171863	0.26255	GAS-FUEL
595894	4171863	0.26903	GAS-FUEL
595194	4171883	0.25337	GAS-FUEL
595214	4171883	0.25251	GAS-FUEL
595234	4171883	0.25111	GAS-FUEL
595254	4171883	0.24953	GAS-FUEL
595274	4171883	0.24819	GAS-FUEL
595294	4171883	0.24736	GAS-FUEL
595314	4171883	0.2467	GAS-FUEL
595514	4171883	0.24307	GAS-FUEL
595534	4171883	0.24387	GAS-FUEL
595554	4171883	0.24423	GAS-FUEL
595574	4171883	0.24422	GAS-FUEL
595594	4171883	0.2442	GAS-FUEL
595614	4171883	0.24401	GAS-FUEL
595634	4171883	0.24404	GAS-FUEL
595654	4171883	0.24496	GAS-FUEL
595674	4171883	0.24528	GAS-FUEL
595694	4171883	0.24733	GAS-FUEL
595714	4171883	0.24886	GAS-FUEL
595734	4171883	0.25033	GAS-FUEL
595754	4171883	0.25225	GAS-FUEL
595774	4171883	0.25475	GAS-FUEL
595794	4171883	0.25758	GAS-FUEL
595814	4171883	0.26164	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4171883	0.26607	GAS-FUEL
595854	4171883	0.27158	GAS-FUEL
595874	4171883	0.27815	GAS-FUEL
595894	4171883	0.2856	GAS-FUEL
595174	4171903	0.26491	GAS-FUEL
595194	4171903	0.2647	GAS-FUEL
595214	4171903	0.26364	GAS-FUEL
595234	4171903	0.26238	GAS-FUEL
595254	4171903	0.26089	GAS-FUEL
595274	4171903	0.25944	GAS-FUEL
595294	4171903	0.25839	GAS-FUEL
595314	4171903	0.25783	GAS-FUEL
595514	4171903	0.25361	GAS-FUEL
595534	4171903	0.25424	GAS-FUEL
595554	4171903	0.25487	GAS-FUEL
595574	4171903	0.25531	GAS-FUEL
595594	4171903	0.25522	GAS-FUEL
595614	4171903	0.25511	GAS-FUEL
595634	4171903	0.25489	GAS-FUEL
595654	4171903	0.25567	GAS-FUEL
595674	4171903	0.25664	GAS-FUEL
595694	4171903	0.25821	GAS-FUEL
595714	4171903	0.26063	GAS-FUEL
595734	4171903	0.26238	GAS-FUEL
595754	4171903	0.26503	GAS-FUEL
595774	4171903	0.26793	GAS-FUEL
595794	4171903	0.27152	GAS-FUEL
595814	4171903	0.27599	GAS-FUEL
595834	4171903	0.28124	GAS-FUEL
595854	4171903	0.28802	GAS-FUEL
595874	4171903	0.29564	GAS-FUEL
595894	4171903	0.30389	GAS-FUEL
595914	4171903	0.31275	GAS-FUEL
595174	4171923	0.27661	GAS-FUEL
595194	4171923	0.27655	GAS-FUEL
595214	4171923	0.27596	GAS-FUEL
595234	4171923	0.27457	GAS-FUEL
595254	4171923	0.27301	GAS-FUEL
595274	4171923	0.27164	GAS-FUEL
595294	4171923	0.27023	GAS-FUEL
595534	4171923	0.26591	GAS-FUEL
595554	4171923	0.26639	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4171923	0.26662	GAS-FUEL
595594	4171923	0.26667	GAS-FUEL
595614	4171923	0.26676	GAS-FUEL
595634	4171923	0.26701	GAS-FUEL
595654	4171923	0.26759	GAS-FUEL
595674	4171923	0.26886	GAS-FUEL
595694	4171923	0.2704	GAS-FUEL
595714	4171923	0.27312	GAS-FUEL
595734	4171923	0.27574	GAS-FUEL
595754	4171923	0.27856	GAS-FUEL
595774	4171923	0.28205	GAS-FUEL
595794	4171923	0.2864	GAS-FUEL
595814	4171923	0.29182	GAS-FUEL
595834	4171923	0.29797	GAS-FUEL
595854	4171923	0.30588	GAS-FUEL
595874	4171923	0.31454	GAS-FUEL
595894	4171923	0.32418	GAS-FUEL
595914	4171923	0.33416	GAS-FUEL
595154	4171943	0.28894	GAS-FUEL
595174	4171943	0.28934	GAS-FUEL
595194	4171943	0.28951	GAS-FUEL
595214	4171943	0.28875	GAS-FUEL
595234	4171943	0.28748	GAS-FUEL
595254	4171943	0.2861	GAS-FUEL
595274	4171943	0.28445	GAS-FUEL
595294	4171943	0.28318	GAS-FUEL
595534	4171943	0.27856	GAS-FUEL
595554	4171943	0.27882	GAS-FUEL
595574	4171943	0.27901	GAS-FUEL
595594	4171943	0.27901	GAS-FUEL
595614	4171943	0.27915	GAS-FUEL
595634	4171943	0.27962	GAS-FUEL
595654	4171943	0.28051	GAS-FUEL
595674	4171943	0.28204	GAS-FUEL
595694	4171943	0.28394	GAS-FUEL
595714	4171943	0.28632	GAS-FUEL
595734	4171943	0.28887	GAS-FUEL
595754	4171943	0.29273	GAS-FUEL
595774	4171943	0.29761	GAS-FUEL
595794	4171943	0.30285	GAS-FUEL
595814	4171943	0.30942	GAS-FUEL
595834	4171943	0.31722	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595854	4171943	0.32589	GAS-FUEL
595874	4171943	0.33562	GAS-FUEL
595894	4171943	0.34603	GAS-FUEL
595914	4171943	0.35689	GAS-FUEL
595934	4171943	0.36772	GAS-FUEL
595154	4171963	0.30232	GAS-FUEL
595174	4171963	0.3029	GAS-FUEL
595194	4171963	0.30309	GAS-FUEL
595214	4171963	0.30271	GAS-FUEL
595234	4171963	0.30132	GAS-FUEL
595254	4171963	0.30027	GAS-FUEL
595274	4171963	0.29857	GAS-FUEL
595554	4171963	0.29234	GAS-FUEL
595574	4171963	0.29239	GAS-FUEL
595594	4171963	0.29247	GAS-FUEL
595614	4171963	0.29269	GAS-FUEL
595634	4171963	0.29343	GAS-FUEL
595654	4171963	0.29449	GAS-FUEL
595674	4171963	0.29619	GAS-FUEL
595694	4171963	0.2986	GAS-FUEL
595714	4171963	0.3011	GAS-FUEL
595734	4171963	0.3043	GAS-FUEL
595754	4171963	0.3086	GAS-FUEL
595774	4171963	0.31382	GAS-FUEL
595794	4171963	0.32042	GAS-FUEL
595814	4171963	0.32828	GAS-FUEL
595834	4171963	0.33767	GAS-FUEL
595854	4171963	0.34829	GAS-FUEL
595874	4171963	0.35946	GAS-FUEL
595894	4171963	0.37115	GAS-FUEL
595914	4171963	0.38286	GAS-FUEL
595934	4171963	0.39372	GAS-FUEL
595154	4171983	0.31694	GAS-FUEL
595174	4171983	0.31732	GAS-FUEL
595194	4171983	0.31788	GAS-FUEL
595214	4171983	0.31774	GAS-FUEL
595234	4171983	0.31686	GAS-FUEL
595254	4171983	0.31469	GAS-FUEL
595574	4171983	0.30691	GAS-FUEL
595754	4172023	0.36932	GAS-FUEL
595774	4172023	0.37861	GAS-FUEL
595794	4172023	0.39025	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172023	0.40292	GAS-FUEL
595834	4172023	0.4162	GAS-FUEL
595714	4172043	0.37811	GAS-FUEL
595734	4172043	0.38627	GAS-FUEL
595754	4172043	0.39634	GAS-FUEL
595774	4172043	0.40746	GAS-FUEL
595794	4172043	0.42048	GAS-FUEL
595814	4172043	0.43505	GAS-FUEL
595834	4172043	0.45067	GAS-FUEL
595854	4172043	0.4664	GAS-FUEL
595874	4172043	0.48167	GAS-FUEL
595894	4172043	0.496	GAS-FUEL
595914	4172043	0.50917	GAS-FUEL
595934	4172043	0.51986	GAS-FUEL
595714	4172063	0.40308	GAS-FUEL
595734	4172063	0.41431	GAS-FUEL
595754	4172063	0.42542	GAS-FUEL
595774	4172063	0.43874	GAS-FUEL
595794	4172063	0.45392	GAS-FUEL
595814	4172063	0.47035	GAS-FUEL
595834	4172063	0.48744	GAS-FUEL
595854	4172063	0.50423	GAS-FUEL
595874	4172063	0.52018	GAS-FUEL
595894	4172063	0.53481	GAS-FUEL
595914	4172063	0.54789	GAS-FUEL
595934	4172063	0.55923	GAS-FUEL
595714	4172083	0.43152	GAS-FUEL
595734	4172083	0.44521	GAS-FUEL
595754	4172083	0.45866	GAS-FUEL
595774	4172083	0.47441	GAS-FUEL
595794	4172083	0.49181	GAS-FUEL
595814	4172083	0.5101	GAS-FUEL
595834	4172083	0.52843	GAS-FUEL
595854	4172083	0.54607	GAS-FUEL
595874	4172083	0.56227	GAS-FUEL
595894	4172083	0.57687	GAS-FUEL
595914	4172083	0.58949	GAS-FUEL
595934	4172083	0.6002	GAS-FUEL
595114	4172103	0.45499	GAS-FUEL
595134	4172103	0.44664	GAS-FUEL
595714	4172103	0.46414	GAS-FUEL
595734	4172103	0.48041	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172103	0.49657	GAS-FUEL
595774	4172103	0.51492	GAS-FUEL
595794	4172103	0.53448	GAS-FUEL
595814	4172103	0.55451	GAS-FUEL
595834	4172103	0.57387	GAS-FUEL
595854	4172103	0.59193	GAS-FUEL
595874	4172103	0.6082	GAS-FUEL
595894	4172103	0.62241	GAS-FUEL
595914	4172103	0.63434	GAS-FUEL
595934	4172103	0.64413	GAS-FUEL
595094	4172123	0.5003	GAS-FUEL
595114	4172123	0.48767	GAS-FUEL
595134	4172123	0.4774	GAS-FUEL
595694	4172123	0.48702	GAS-FUEL
595714	4172123	0.50234	GAS-FUEL
595734	4172123	0.52084	GAS-FUEL
595754	4172123	0.54001	GAS-FUEL
595774	4172123	0.56107	GAS-FUEL
595794	4172123	0.58284	GAS-FUEL
595814	4172123	0.60423	GAS-FUEL
595834	4172123	0.62416	GAS-FUEL
595854	4172123	0.64224	GAS-FUEL
595874	4172123	0.65826	GAS-FUEL
595894	4172123	0.67162	GAS-FUEL
595914	4172123	0.68263	GAS-FUEL
595934	4172123	0.69129	GAS-FUEL
595094	4172143	0.5394	GAS-FUEL
595114	4172143	0.52486	GAS-FUEL
595134	4172143	0.51242	GAS-FUEL
595694	4172143	0.52747	GAS-FUEL
595714	4172143	0.54726	GAS-FUEL
595734	4172143	0.56734	GAS-FUEL
595754	4172143	0.58959	GAS-FUEL
595774	4172143	0.61333	GAS-FUEL
595794	4172143	0.63695	GAS-FUEL
595814	4172143	0.65929	GAS-FUEL
595834	4172143	0.6796	GAS-FUEL
595854	4172143	0.69741	GAS-FUEL
595874	4172143	0.71259	GAS-FUEL
595894	4172143	0.72484	GAS-FUEL
595914	4172143	0.73469	GAS-FUEL
595934	4172143	0.74208	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595094	4172163	0.58379	GAS-FUEL
595114	4172163	0.5674	GAS-FUEL
595134	4172163	0.5525	GAS-FUEL
595154	4172163	0.54122	GAS-FUEL
595614	4172163	0.52331	GAS-FUEL
595634	4172163	0.53133	GAS-FUEL
595654	4172163	0.54207	GAS-FUEL
595674	4172163	0.5586	GAS-FUEL
595694	4172163	0.57649	GAS-FUEL
595714	4172163	0.5973	GAS-FUEL
595734	4172163	0.62093	GAS-FUEL
595754	4172163	0.64629	GAS-FUEL
595774	4172163	0.67234	GAS-FUEL
595794	4172163	0.69739	GAS-FUEL
595814	4172163	0.72028	GAS-FUEL
595834	4172163	0.74047	GAS-FUEL
595854	4172163	0.75764	GAS-FUEL
595874	4172163	0.77155	GAS-FUEL
595894	4172163	0.78246	GAS-FUEL
595914	4172163	0.79095	GAS-FUEL
595074	4172183	0.6523	GAS-FUEL
595094	4172183	0.63356	GAS-FUEL
595114	4172183	0.61521	GAS-FUEL
595134	4172183	0.59808	GAS-FUEL
595154	4172183	0.58331	GAS-FUEL
595614	4172183	0.56569	GAS-FUEL
595634	4172183	0.5744	GAS-FUEL
595654	4172183	0.59151	GAS-FUEL
595674	4172183	0.60878	GAS-FUEL
595694	4172183	0.6303	GAS-FUEL
595714	4172183	0.65526	GAS-FUEL
595734	4172183	0.68254	GAS-FUEL
595754	4172183	0.71098	GAS-FUEL
595774	4172183	0.73897	GAS-FUEL
595794	4172183	0.76493	GAS-FUEL
595814	4172183	0.7877	GAS-FUEL
595834	4172183	0.80721	GAS-FUEL
595854	4172183	0.82307	GAS-FUEL
595874	4172183	0.83532	GAS-FUEL
595894	4172183	0.84475	GAS-FUEL
595914	4172183	0.85166	GAS-FUEL
595074	4172203	0.71106	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595094	4172203	0.69025	GAS-FUEL
595114	4172203	0.66945	GAS-FUEL
595134	4172203	0.64974	GAS-FUEL
595154	4172203	0.63199	GAS-FUEL
595594	4172203	0.59987	GAS-FUEL
595614	4172203	0.61377	GAS-FUEL
595634	4172203	0.62521	GAS-FUEL
595654	4172203	0.64461	GAS-FUEL
595674	4172203	0.66655	GAS-FUEL
595694	4172203	0.69297	GAS-FUEL
595714	4172203	0.72238	GAS-FUEL
595734	4172203	0.75342	GAS-FUEL
595754	4172203	0.78464	GAS-FUEL
595774	4172203	0.81392	GAS-FUEL
595794	4172203	0.83994	GAS-FUEL
595814	4172203	0.8621	GAS-FUEL
595834	4172203	0.88018	GAS-FUEL
595854	4172203	0.89433	GAS-FUEL
595874	4172203	0.90479	GAS-FUEL
595894	4172203	0.9123	GAS-FUEL
595914	4172203	0.91732	GAS-FUEL
595074	4172223	0.77786	GAS-FUEL
595094	4172223	0.75532	GAS-FUEL
595114	4172223	0.73127	GAS-FUEL
595134	4172223	0.70882	GAS-FUEL
595154	4172223	0.68746	GAS-FUEL
595594	4172223	0.6491	GAS-FUEL
595614	4172223	0.66221	GAS-FUEL
595634	4172223	0.68489	GAS-FUEL
595654	4172223	0.70702	GAS-FUEL
595674	4172223	0.73449	GAS-FUEL
595694	4172223	0.7663	GAS-FUEL
595714	4172223	0.80033	GAS-FUEL
595734	4172223	0.83458	GAS-FUEL
595754	4172223	0.86786	GAS-FUEL
595774	4172223	0.89767	GAS-FUEL
595794	4172223	0.92304	GAS-FUEL
595814	4172223	0.94371	GAS-FUEL
595834	4172223	0.95991	GAS-FUEL
595854	4172223	0.972	GAS-FUEL
595874	4172223	0.98038	GAS-FUEL
595894	4172223	0.98576	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595054	4172243	0.8827	GAS-FUEL
595074	4172243	0.85542	GAS-FUEL
595094	4172243	0.82962	GAS-FUEL
595114	4172243	0.80234	GAS-FUEL
595134	4172243	0.77674	GAS-FUEL
595154	4172243	0.7532	GAS-FUEL
595594	4172243	0.7084	GAS-FUEL
595614	4172243	0.72206	GAS-FUEL
595634	4172243	0.75244	GAS-FUEL
595654	4172243	0.78085	GAS-FUEL
595674	4172243	0.81467	GAS-FUEL
595694	4172243	0.85222	GAS-FUEL
595714	4172243	0.89047	GAS-FUEL
595734	4172243	0.92731	GAS-FUEL
595754	4172243	0.96173	GAS-FUEL
595774	4172243	0.99106	GAS-FUEL
595794	4172243	1.01492	GAS-FUEL
595814	4172243	1.03342	GAS-FUEL
595834	4172243	1.04718	GAS-FUEL
595854	4172243	1.05676	GAS-FUEL
595874	4172243	1.06252	GAS-FUEL
595894	4172243	1.06551	GAS-FUEL
595054	4172263	0.97744	GAS-FUEL
595074	4172263	0.94642	GAS-FUEL
595094	4172263	0.91596	GAS-FUEL
595114	4172263	0.88393	GAS-FUEL
595134	4172263	0.85689	GAS-FUEL
595154	4172263	0.82845	GAS-FUEL
595594	4172263	0.77815	GAS-FUEL
595614	4172263	0.79726	GAS-FUEL
595634	4172263	0.83268	GAS-FUEL
595654	4172263	0.8685	GAS-FUEL
595674	4172263	0.90944	GAS-FUEL
595694	4172263	0.95237	GAS-FUEL
595714	4172263	0.99441	GAS-FUEL
595734	4172263	1.03307	GAS-FUEL
595754	4172263	1.06694	GAS-FUEL
595774	4172263	1.09487	GAS-FUEL
595794	4172263	1.11622	GAS-FUEL
595814	4172263	1.13197	GAS-FUEL
595834	4172263	1.1428	GAS-FUEL
595854	4172263	1.14939	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4172263	1.15214	GAS-FUEL
595894	4172263	1.15223	GAS-FUEL
595054	4172283	1.08755	GAS-FUEL
595074	4172283	1.05197	GAS-FUEL
595094	4172283	1.01484	GAS-FUEL
595114	4172283	0.98023	GAS-FUEL
595134	4172283	0.94848	GAS-FUEL
595154	4172283	0.91506	GAS-FUEL
595174	4172283	0.88495	GAS-FUEL
595574	4172283	0.83154	GAS-FUEL
595594	4172283	0.85731	GAS-FUEL
595614	4172283	0.89103	GAS-FUEL
595634	4172283	0.92875	GAS-FUEL
595654	4172283	0.97305	GAS-FUEL
595674	4172283	1.0212	GAS-FUEL
595694	4172283	1.06916	GAS-FUEL
595714	4172283	1.11363	GAS-FUEL
595734	4172283	1.15253	GAS-FUEL
595754	4172283	1.18478	GAS-FUEL
595774	4172283	1.20998	GAS-FUEL
595794	4172283	1.22811	GAS-FUEL
595814	4172283	1.2404	GAS-FUEL
595834	4172283	1.2477	GAS-FUEL
595854	4172283	1.25074	GAS-FUEL
595874	4172283	1.25007	GAS-FUEL
595894	4172283	1.24652	GAS-FUEL
595034	4172303	1.25673	GAS-FUEL
595054	4172303	1.21696	GAS-FUEL
595074	4172303	1.17593	GAS-FUEL
595094	4172303	1.13118	GAS-FUEL
595114	4172303	1.09442	GAS-FUEL
595134	4172303	1.0551	GAS-FUEL
595154	4172303	1.01724	GAS-FUEL
595174	4172303	0.98157	GAS-FUEL
595574	4172303	0.91826	GAS-FUEL
595594	4172303	0.94796	GAS-FUEL
595614	4172303	0.99695	GAS-FUEL
595634	4172303	1.04448	GAS-FUEL
595654	4172303	1.09789	GAS-FUEL
595674	4172303	1.15278	GAS-FUEL
595694	4172303	1.20461	GAS-FUEL
595714	4172303	1.24957	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172303	1.28734	GAS-FUEL
595754	4172303	1.31669	GAS-FUEL
595774	4172303	1.3378	GAS-FUEL
595794	4172303	1.35182	GAS-FUEL
595814	4172303	1.35988	GAS-FUEL
595834	4172303	1.3629	GAS-FUEL
595854	4172303	1.36165	GAS-FUEL
595874	4172303	1.35671	GAS-FUEL
595034	4172323	1.40981	GAS-FUEL
595054	4172323	1.36845	GAS-FUEL
595074	4172323	1.32133	GAS-FUEL
595094	4172323	1.27087	GAS-FUEL
595114	4172323	1.22543	GAS-FUEL
595134	4172323	1.18172	GAS-FUEL
595154	4172323	1.13799	GAS-FUEL
595174	4172323	1.09604	GAS-FUEL
595574	4172323	1.02458	GAS-FUEL
595594	4172323	1.0601	GAS-FUEL
595614	4172323	1.12521	GAS-FUEL
595634	4172323	1.1843	GAS-FUEL
595654	4172323	1.24678	GAS-FUEL
595674	4172323	1.30708	GAS-FUEL
595694	4172323	1.36033	GAS-FUEL
595714	4172323	1.40447	GAS-FUEL
595734	4172323	1.43908	GAS-FUEL
595754	4172323	1.46372	GAS-FUEL
595774	4172323	1.47983	GAS-FUEL
595794	4172323	1.48873	GAS-FUEL
595814	4172323	1.49159	GAS-FUEL
595834	4172323	1.48937	GAS-FUEL
595854	4172323	1.48282	GAS-FUEL
595874	4172323	1.47243	GAS-FUEL
595034	4172343	1.58387	GAS-FUEL
595054	4172343	1.54361	GAS-FUEL
595074	4172343	1.49562	GAS-FUEL
595094	4172343	1.44234	GAS-FUEL
595114	4172343	1.38614	GAS-FUEL
595134	4172343	1.33288	GAS-FUEL
595154	4172343	1.28233	GAS-FUEL
595574	4172343	1.15642	GAS-FUEL
595594	4172343	1.2061	GAS-FUEL
595614	4172343	1.28212	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172343	1.35294	GAS-FUEL
595654	4172343	1.42329	GAS-FUEL
595674	4172343	1.48693	GAS-FUEL
595694	4172343	1.53988	GAS-FUEL
595714	4172343	1.58052	GAS-FUEL
595734	4172343	1.60943	GAS-FUEL
595754	4172343	1.628	GAS-FUEL
595774	4172343	1.6378	GAS-FUEL
595794	4172343	1.64031	GAS-FUEL
595814	4172343	1.6367	GAS-FUEL
595834	4172343	1.6279	GAS-FUEL
595854	4172343	1.61455	GAS-FUEL
595874	4172343	1.59742	GAS-FUEL
595554	4172363	1.25299	GAS-FUEL
595574	4172363	1.31349	GAS-FUEL
595594	4172363	1.3889	GAS-FUEL
595614	4172363	1.47512	GAS-FUEL
595634	4172363	1.55715	GAS-FUEL
595654	4172363	1.63273	GAS-FUEL
595674	4172363	1.69594	GAS-FUEL
595694	4172363	1.74463	GAS-FUEL
595714	4172363	1.779	GAS-FUEL
595734	4172363	1.80065	GAS-FUEL
595754	4172363	1.8116	GAS-FUEL
595774	4172363	1.81352	GAS-FUEL
595794	4172363	1.80793	GAS-FUEL
595814	4172363	1.79609	GAS-FUEL
595834	4172363	1.77881	GAS-FUEL
595854	4172363	1.75683	GAS-FUEL
595874	4172363	1.73075	GAS-FUEL
595554	4172383	1.42433	GAS-FUEL
595574	4172383	1.50096	GAS-FUEL
595594	4172383	1.6096	GAS-FUEL
595614	4172383	1.70672	GAS-FUEL
595634	4172383	1.79773	GAS-FUEL
595654	4172383	1.87543	GAS-FUEL
595674	4172383	1.9347	GAS-FUEL
595694	4172383	1.97755	GAS-FUEL
595714	4172383	2.00428	GAS-FUEL
595734	4172383	2.01618	GAS-FUEL
595754	4172383	2.0168	GAS-FUEL
595774	4172383	2.00836	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172383	1.9924	GAS-FUEL
595814	4172383	1.96991	GAS-FUEL
595834	4172383	1.94176	GAS-FUEL
595854	4172383	1.90852	GAS-FUEL
595554	4172403	1.655	GAS-FUEL
595574	4172403	1.74413	GAS-FUEL
595594	4172403	1.88279	GAS-FUEL
595614	4172403	1.99135	GAS-FUEL
595634	4172403	2.08575	GAS-FUEL
595654	4172403	2.15955	GAS-FUEL
595674	4172403	2.21092	GAS-FUEL
595694	4172403	2.24076	GAS-FUEL
595714	4172403	2.25494	GAS-FUEL
595734	4172403	2.25515	GAS-FUEL
595754	4172403	2.24417	GAS-FUEL
595774	4172403	2.22348	GAS-FUEL
595794	4172403	2.19403	GAS-FUEL
595814	4172403	2.15736	GAS-FUEL
595834	4172403	2.11476	GAS-FUEL
595854	4172403	2.06719	GAS-FUEL
595074	4172423	2.50615	GAS-FUEL
595094	4172423	2.47599	GAS-FUEL
595554	4172423	1.96341	GAS-FUEL
595574	4172423	2.06739	GAS-FUEL
595594	4172423	2.22135	GAS-FUEL
595614	4172423	2.33769	GAS-FUEL
595634	4172423	2.42835	GAS-FUEL
595654	4172423	2.49164	GAS-FUEL
595674	4172423	2.52831	GAS-FUEL
595694	4172423	2.54411	GAS-FUEL
595714	4172423	2.542	GAS-FUEL
595734	4172423	2.52563	GAS-FUEL
595754	4172423	2.49748	GAS-FUEL
595774	4172423	2.45841	GAS-FUEL
595794	4172423	2.41082	GAS-FUEL
595814	4172423	2.35583	GAS-FUEL
595834	4172423	2.29545	GAS-FUEL
595854	4172423	2.23027	GAS-FUEL
595074	4172443	2.84446	GAS-FUEL
595094	4172443	2.83947	GAS-FUEL
595114	4172443	2.80543	GAS-FUEL
595134	4172443	2.74198	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172443	2.15907	GAS-FUEL
595554	4172443	2.31756	GAS-FUEL
595574	4172443	2.48376	GAS-FUEL
595594	4172443	2.63935	GAS-FUEL
595614	4172443	2.75465	GAS-FUEL
595634	4172443	2.8341	GAS-FUEL
595654	4172443	2.8795	GAS-FUEL
595674	4172443	2.8956	GAS-FUEL
595694	4172443	2.88953	GAS-FUEL
595714	4172443	2.8659	GAS-FUEL
595734	4172443	2.82689	GAS-FUEL
595754	4172443	2.77433	GAS-FUEL
595774	4172443	2.71136	GAS-FUEL
595794	4172443	2.63978	GAS-FUEL
595814	4172443	2.56224	GAS-FUEL
595834	4172443	2.48016	GAS-FUEL
595854	4172443	2.39484	GAS-FUEL
595054	4172463	3.17869	GAS-FUEL
595074	4172463	3.22493	GAS-FUEL
595094	4172463	3.25006	GAS-FUEL
595114	4172463	3.24749	GAS-FUEL
595534	4172463	2.59058	GAS-FUEL
595554	4172463	2.76911	GAS-FUEL
595574	4172463	2.96884	GAS-FUEL
595594	4172463	3.15043	GAS-FUEL
595614	4172463	3.25489	GAS-FUEL
595634	4172463	3.31229	GAS-FUEL
595654	4172463	3.33138	GAS-FUEL
595674	4172463	3.31855	GAS-FUEL
595694	4172463	3.2821	GAS-FUEL
595714	4172463	3.22639	GAS-FUEL
595734	4172463	3.15524	GAS-FUEL
595754	4172463	3.07127	GAS-FUEL
595774	4172463	2.97732	GAS-FUEL
595794	4172463	2.87556	GAS-FUEL
595814	4172463	2.77136	GAS-FUEL
595834	4172463	2.66398	GAS-FUEL
595054	4172483	3.53773	GAS-FUEL
595074	4172483	3.64648	GAS-FUEL
595094	4172483	3.71355	GAS-FUEL
595114	4172483	3.75301	GAS-FUEL
595534	4172483	3.19673	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172483	3.39037	GAS-FUEL
595574	4172483	3.6166	GAS-FUEL
595594	4172483	3.76765	GAS-FUEL
595614	4172483	3.83596	GAS-FUEL
595634	4172483	3.86628	GAS-FUEL
595654	4172483	3.85148	GAS-FUEL
595674	4172483	3.79856	GAS-FUEL
595694	4172483	3.71935	GAS-FUEL
595714	4172483	3.62056	GAS-FUEL
595734	4172483	3.50687	GAS-FUEL
595754	4172483	3.38212	GAS-FUEL
595774	4172483	3.24973	GAS-FUEL
595794	4172483	3.11324	GAS-FUEL
595814	4172483	2.978	GAS-FUEL
595834	4172483	2.84364	GAS-FUEL
595034	4172503	3.80075	GAS-FUEL
595054	4172503	3.9547	GAS-FUEL
595074	4172503	4.10117	GAS-FUEL
595094	4172503	4.22664	GAS-FUEL
595114	4172503	4.32959	GAS-FUEL
595534	4172503	4.02012	GAS-FUEL
595554	4172503	4.2088	GAS-FUEL
595574	4172503	4.43201	GAS-FUEL
595594	4172503	4.52851	GAS-FUEL
595614	4172503	4.54814	GAS-FUEL
595634	4172503	4.52099	GAS-FUEL
595654	4172503	4.44478	GAS-FUEL
595674	4172503	4.32676	GAS-FUEL
595694	4172503	4.19598	GAS-FUEL
595714	4172503	4.04005	GAS-FUEL
595734	4172503	3.87221	GAS-FUEL
595754	4172503	3.69866	GAS-FUEL
595774	4172503	3.52158	GAS-FUEL
595794	4172503	3.34404	GAS-FUEL
595814	4172503	3.17703	GAS-FUEL
595834	4172503	3.0148	GAS-FUEL
595034	4172523	4.11066	GAS-FUEL
595054	4172523	4.35571	GAS-FUEL
595074	4172523	4.58521	GAS-FUEL
595094	4172523	4.78251	GAS-FUEL
595514	4172523	4.70456	GAS-FUEL
595534	4172523	5.05264	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172523	5.31021	GAS-FUEL
595574	4172523	5.50912	GAS-FUEL
595594	4172523	5.47806	GAS-FUEL
595614	4172523	5.41954	GAS-FUEL
595634	4172523	5.28755	GAS-FUEL
595654	4172523	5.10987	GAS-FUEL
595674	4172523	4.91809	GAS-FUEL
595694	4172523	4.70182	GAS-FUEL
595714	4172523	4.47504	GAS-FUEL
595734	4172523	4.24329	GAS-FUEL
595754	4172523	4.01165	GAS-FUEL
595774	4172523	3.78594	GAS-FUEL
595794	4172523	3.56534	GAS-FUEL
595814	4172523	3.36476	GAS-FUEL
595834	4172523	3.17426	GAS-FUEL
595034	4172543	4.34789	GAS-FUEL
595054	4172543	4.68773	GAS-FUEL
595074	4172543	5.02273	GAS-FUEL
595094	4172543	5.35024	GAS-FUEL
595514	4172543	6.12158	GAS-FUEL
595534	4172543	6.4309	GAS-FUEL
595554	4172543	6.66718	GAS-FUEL
595574	4172543	6.70056	GAS-FUEL
595594	4172543	6.55207	GAS-FUEL
595614	4172543	6.34835	GAS-FUEL
595634	4172543	6.11365	GAS-FUEL
595654	4172543	5.83205	GAS-FUEL
595674	4172543	5.49402	GAS-FUEL
595694	4172543	5.18623	GAS-FUEL
595714	4172543	4.88321	GAS-FUEL
595734	4172543	4.60361	GAS-FUEL
595754	4172543	4.31203	GAS-FUEL
595774	4172543	4.04272	GAS-FUEL
595794	4172543	3.77347	GAS-FUEL
595814	4172543	3.53594	GAS-FUEL
595014	4172563	4.10722	GAS-FUEL
595034	4172563	4.49308	GAS-FUEL
595054	4172563	4.91386	GAS-FUEL
595074	4172563	5.35995	GAS-FUEL
595094	4172563	5.83107	GAS-FUEL
595514	4172563	8.20975	GAS-FUEL
595534	4172563	8.34745	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172563	8.44119	GAS-FUEL
595574	4172563	8.13065	GAS-FUEL
595594	4172563	7.78462	GAS-FUEL
595614	4172563	7.39809	GAS-FUEL
595634	4172563	7.03244	GAS-FUEL
595654	4172563	6.54234	GAS-FUEL
595674	4172563	6.08821	GAS-FUEL
595694	4172563	5.66517	GAS-FUEL
595714	4172563	5.26548	GAS-FUEL
595734	4172563	4.8987	GAS-FUEL
595754	4172563	4.58805	GAS-FUEL
595774	4172563	4.26725	GAS-FUEL
595794	4172563	3.94907	GAS-FUEL
595814	4172563	3.68355	GAS-FUEL
595014	4172583	4.13197	GAS-FUEL
595034	4172583	4.54873	GAS-FUEL
595054	4172583	5.02799	GAS-FUEL
595074	4172583	5.56257	GAS-FUEL
595494	4172583	10.57163	GAS-FUEL
595514	4172583	10.94022	GAS-FUEL
595534	4172583	10.80578	GAS-FUEL
595554	4172583	10.41484	GAS-FUEL
595574	4172583	9.78606	GAS-FUEL
595594	4172583	9.1518	GAS-FUEL
595614	4172583	8.5329	GAS-FUEL
595634	4172583	7.94652	GAS-FUEL
595654	4172583	7.23775	GAS-FUEL
595674	4172583	6.65368	GAS-FUEL
595694	4172583	6.11626	GAS-FUEL
595714	4172583	5.62568	GAS-FUEL
595734	4172583	5.18998	GAS-FUEL
595754	4172583	4.82065	GAS-FUEL
595774	4172583	4.4335	GAS-FUEL
595794	4172583	4.0946	GAS-FUEL
595814	4172583	3.79788	GAS-FUEL
595034	4172603	4.55758	GAS-FUEL
595054	4172603	5.05747	GAS-FUEL
595074	4172603	5.64384	GAS-FUEL
595494	4172603	14.84289	GAS-FUEL
595514	4172603	14.48185	GAS-FUEL
595534	4172603	13.8507	GAS-FUEL
595554	4172603	12.72754	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172603	11.58458	GAS-FUEL
595594	4172603	10.56454	GAS-FUEL
595614	4172603	9.67094	GAS-FUEL
595634	4172603	8.73839	GAS-FUEL
595654	4172603	7.88754	GAS-FUEL
595674	4172603	7.15636	GAS-FUEL
595694	4172603	6.50526	GAS-FUEL
595714	4172603	5.92664	GAS-FUEL
595734	4172603	5.45487	GAS-FUEL
595754	4172603	5.00917	GAS-FUEL
595774	4172603	4.56618	GAS-FUEL
595794	4172603	4.20665	GAS-FUEL
595474	4172623	21.50824	GAS-FUEL
595494	4172623	20.7924	GAS-FUEL
595514	4172623	19.20775	GAS-FUEL
595534	4172623	17.36586	GAS-FUEL
595554	4172623	15.49618	GAS-FUEL
595574	4172623	13.65052	GAS-FUEL
595594	4172623	11.98092	GAS-FUEL
595614	4172623	10.79911	GAS-FUEL
595634	4172623	9.52017	GAS-FUEL
595654	4172623	8.49227	GAS-FUEL
595674	4172623	7.57487	GAS-FUEL
595694	4172623	6.80319	GAS-FUEL
595714	4172623	6.15232	GAS-FUEL
595734	4172623	5.63559	GAS-FUEL
595754	4172623	5.11102	GAS-FUEL
595774	4172623	4.65478	GAS-FUEL
595794	4172623	4.26922	GAS-FUEL
595814	4172623	3.92717	GAS-FUEL
595474	4172643	31.73002	GAS-FUEL
595494	4172643	28.19952	GAS-FUEL
595514	4172643	24.48844	GAS-FUEL
595534	4172643	21.04447	GAS-FUEL
595554	4172643	18.03037	GAS-FUEL
595574	4172643	15.52451	GAS-FUEL
595594	4172643	13.40411	GAS-FUEL
595614	4172643	11.4252	GAS-FUEL
595634	4172643	9.97215	GAS-FUEL
595654	4172643	8.83316	GAS-FUEL
595674	4172643	7.88925	GAS-FUEL
595694	4172643	7.0498	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172643	6.32796	GAS-FUEL
595734	4172643	5.71365	GAS-FUEL
595754	4172643	5.15044	GAS-FUEL
595774	4172643	4.69237	GAS-FUEL
595794	4172643	4.28749	GAS-FUEL
595814	4172643	3.93227	GAS-FUEL
595474	4172663	44.61876	GAS-FUEL
595494	4172663	36.33515	GAS-FUEL
595514	4172663	29.51079	GAS-FUEL
595534	4172663	24.19269	GAS-FUEL
595554	4172663	20.00226	GAS-FUEL
595574	4172663	16.75514	GAS-FUEL
595594	4172663	14.16411	GAS-FUEL
595614	4172663	11.84966	GAS-FUEL
595634	4172663	10.2549	GAS-FUEL
595654	4172663	8.98516	GAS-FUEL
595674	4172663	7.92192	GAS-FUEL
595694	4172663	7.05778	GAS-FUEL
595714	4172663	6.36582	GAS-FUEL
595734	4172663	5.7084	GAS-FUEL
595754	4172663	5.13683	GAS-FUEL
595774	4172663	4.67123	GAS-FUEL
595794	4172663	4.25904	GAS-FUEL
595814	4172663	3.89929	GAS-FUEL
595454	4172683	79.34788	GAS-FUEL
595474	4172683	56.78027	GAS-FUEL
595494	4172683	42.57942	GAS-FUEL
595514	4172683	32.84535	GAS-FUEL
595534	4172683	26.00041	GAS-FUEL
595554	4172683	20.96322	GAS-FUEL
595574	4172683	17.23151	GAS-FUEL
595594	4172683	14.24114	GAS-FUEL
595614	4172683	11.92078	GAS-FUEL
595634	4172683	10.28238	GAS-FUEL
595654	4172683	8.95821	GAS-FUEL
595674	4172683	7.86725	GAS-FUEL
595694	4172683	6.99267	GAS-FUEL
595714	4172683	6.26741	GAS-FUEL
595734	4172683	5.59969	GAS-FUEL
595754	4172683	5.06724	GAS-FUEL
595774	4172683	4.59908	GAS-FUEL
595794	4172683	4.18811	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172683	3.83116	GAS-FUEL
595474	4172703	62.16368	GAS-FUEL
595494	4172703	44.57724	GAS-FUEL
595514	4172703	33.59609	GAS-FUEL
595534	4172703	26.01449	GAS-FUEL
595554	4172703	20.69626	GAS-FUEL
595574	4172703	16.8986	GAS-FUEL
595594	4172703	13.80087	GAS-FUEL
595614	4172703	11.64829	GAS-FUEL
595634	4172703	10.02748	GAS-FUEL
595654	4172703	8.71788	GAS-FUEL
595674	4172703	7.65866	GAS-FUEL
595694	4172703	6.83225	GAS-FUEL
595714	4172703	6.08946	GAS-FUEL
595734	4172703	5.43656	GAS-FUEL
595754	4172703	4.92114	GAS-FUEL
595774	4172703	4.46414	GAS-FUEL
595794	4172703	4.0676	GAS-FUEL
595814	4172703	3.72262	GAS-FUEL
595834	4172703	3.42111	GAS-FUEL
595294	4172723	31.13632	GAS-FUEL
595314	4172723	49.05707	GAS-FUEL
595514	4172723	31.05779	GAS-FUEL
595534	4172723	24.18931	GAS-FUEL
595554	4172723	19.32866	GAS-FUEL
595574	4172723	15.82629	GAS-FUEL
595594	4172723	13.06544	GAS-FUEL
595614	4172723	11.06947	GAS-FUEL
595634	4172723	9.51639	GAS-FUEL
595654	4172723	8.2898	GAS-FUEL
595674	4172723	7.3128	GAS-FUEL
595694	4172723	6.51256	GAS-FUEL
595714	4172723	5.79924	GAS-FUEL
595734	4172723	5.21254	GAS-FUEL
595754	4172723	4.7146	GAS-FUEL
595774	4172723	4.28083	GAS-FUEL
595794	4172723	3.89559	GAS-FUEL
595814	4172723	3.57196	GAS-FUEL
595834	4172723	3.2891	GAS-FUEL
595294	4172743	18.87358	GAS-FUEL
595314	4172743	27.45947	GAS-FUEL
595334	4172743	44.79087	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595354	4172743	89.50811	GAS-FUEL
595374	4172743	228.18009	GAS-FUEL
595534	4172743	21.15165	GAS-FUEL
595554	4172743	17.15954	GAS-FUEL
595574	4172743	14.20746	GAS-FUEL
595594	4172743	11.98892	GAS-FUEL
595614	4172743	10.26261	GAS-FUEL
595634	4172743	8.85303	GAS-FUEL
595654	4172743	7.73633	GAS-FUEL
595674	4172743	6.85461	GAS-FUEL
595694	4172743	6.09971	GAS-FUEL
595714	4172743	5.46107	GAS-FUEL
595734	4172743	4.92278	GAS-FUEL
595754	4172743	4.45899	GAS-FUEL
595774	4172743	4.04858	GAS-FUEL
595794	4172743	3.70355	GAS-FUEL
595814	4172743	3.40389	GAS-FUEL
595834	4172743	3.14029	GAS-FUEL
595274	4172763	10.21224	GAS-FUEL
595294	4172763	13.66578	GAS-FUEL
595314	4172763	19.01672	GAS-FUEL
595334	4172763	28.46259	GAS-FUEL
595354	4172763	46.57994	GAS-FUEL
595374	4172763	78.62058	GAS-FUEL
595394	4172763	108.53713	GAS-FUEL
595414	4172763	95.48315	GAS-FUEL
595534	4172763	17.98246	GAS-FUEL
595554	4172763	14.82599	GAS-FUEL
595574	4172763	12.47035	GAS-FUEL
595594	4172763	10.64722	GAS-FUEL
595614	4172763	9.1944	GAS-FUEL
595634	4172763	8.02819	GAS-FUEL
595654	4172763	7.08431	GAS-FUEL
595674	4172763	6.29875	GAS-FUEL
595694	4172763	5.63363	GAS-FUEL
595714	4172763	5.07584	GAS-FUEL
595734	4172763	4.59417	GAS-FUEL
595754	4172763	4.17452	GAS-FUEL
595774	4172763	3.80823	GAS-FUEL
595794	4172763	3.4945	GAS-FUEL
595814	4172763	3.2204	GAS-FUEL
594934	4172783	1.06344	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594954	4172783	1.13108	GAS-FUEL
594974	4172783	1.21092	GAS-FUEL
595274	4172783	8.33162	GAS-FUEL
595294	4172783	10.79554	GAS-FUEL
595314	4172783	14.44989	GAS-FUEL
595334	4172783	19.602	GAS-FUEL
595354	4172783	27.47439	GAS-FUEL
595374	4172783	39.62259	GAS-FUEL
595394	4172783	51.59933	GAS-FUEL
595414	4172783	53.00936	GAS-FUEL
595434	4172783	46.05758	GAS-FUEL
595454	4172783	37.33025	GAS-FUEL
595514	4172783	18.7898	GAS-FUEL
595534	4172783	15.36307	GAS-FUEL
595554	4172783	12.80913	GAS-FUEL
595574	4172783	10.89247	GAS-FUEL
595594	4172783	9.38535	GAS-FUEL
595614	4172783	8.19117	GAS-FUEL
595634	4172783	7.2139	GAS-FUEL
595654	4172783	6.40637	GAS-FUEL
595674	4172783	5.72422	GAS-FUEL
595694	4172783	5.15215	GAS-FUEL
595714	4172783	4.67793	GAS-FUEL
595734	4172783	4.2578	GAS-FUEL
595754	4172783	3.89084	GAS-FUEL
595774	4172783	3.57082	GAS-FUEL
595794	4172783	3.28896	GAS-FUEL
595814	4172783	3.03586	GAS-FUEL
594894	4172803	0.83907	GAS-FUEL
594914	4172803	0.8896	GAS-FUEL
594934	4172803	0.94678	GAS-FUEL
594954	4172803	1.00806	GAS-FUEL
594974	4172803	1.07769	GAS-FUEL
595274	4172803	6.82748	GAS-FUEL
595294	4172803	8.36119	GAS-FUEL
595314	4172803	10.59774	GAS-FUEL
595334	4172803	14.16048	GAS-FUEL
595354	4172803	18.39348	GAS-FUEL
595374	4172803	24.20116	GAS-FUEL
595394	4172803	30.01318	GAS-FUEL
595414	4172803	32.6262	GAS-FUEL
595434	4172803	30.81991	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595454	4172803	27.04621	GAS-FUEL
595474	4172803	23.02957	GAS-FUEL
595494	4172803	19.29902	GAS-FUEL
595514	4172803	16.06853	GAS-FUEL
595534	4172803	13.39046	GAS-FUEL
595554	4172803	11.27404	GAS-FUEL
595574	4172803	9.6437	GAS-FUEL
595594	4172803	8.34473	GAS-FUEL
595614	4172803	7.3225	GAS-FUEL
595634	4172803	6.48746	GAS-FUEL
595654	4172803	5.79424	GAS-FUEL
595674	4172803	5.21094	GAS-FUEL
595694	4172803	4.70736	GAS-FUEL
595714	4172803	4.27732	GAS-FUEL
595734	4172803	3.91499	GAS-FUEL
595754	4172803	3.59529	GAS-FUEL
595774	4172803	3.31367	GAS-FUEL
595794	4172803	3.06296	GAS-FUEL
595814	4172803	2.84013	GAS-FUEL
594874	4172823	0.72251	GAS-FUEL
594894	4172823	0.7644	GAS-FUEL
594914	4172823	0.81029	GAS-FUEL
594934	4172823	0.86069	GAS-FUEL
594954	4172823	0.9158	GAS-FUEL
595254	4172823	4.77161	GAS-FUEL
595274	4172823	5.61129	GAS-FUEL
595294	4172823	6.69203	GAS-FUEL
595314	4172823	8.37406	GAS-FUEL
595334	4172823	10.47964	GAS-FUEL
595354	4172823	13.0449	GAS-FUEL
595374	4172823	16.42718	GAS-FUEL
595394	4172823	19.68054	GAS-FUEL
595414	4172823	21.76722	GAS-FUEL
595434	4172823	21.64409	GAS-FUEL
595454	4172823	20.00738	GAS-FUEL
595474	4172823	17.84513	GAS-FUEL
595494	4172823	15.66803	GAS-FUEL
595514	4172823	13.58729	GAS-FUEL
595534	4172823	11.71026	GAS-FUEL
595554	4172823	10.07213	GAS-FUEL
595574	4172823	8.69307	GAS-FUEL
595594	4172823	7.55601	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172823	6.64106	GAS-FUEL
595634	4172823	5.8918	GAS-FUEL
595654	4172823	5.27643	GAS-FUEL
595674	4172823	4.76046	GAS-FUEL
595694	4172823	4.30223	GAS-FUEL
595714	4172823	3.92502	GAS-FUEL
595734	4172823	3.607	GAS-FUEL
595754	4172823	3.32422	GAS-FUEL
595774	4172823	3.07443	GAS-FUEL
595794	4172823	2.85233	GAS-FUEL
595814	4172823	2.65285	GAS-FUEL
594874	4172843	0.6697	GAS-FUEL
594894	4172843	0.7059	GAS-FUEL
594914	4172843	0.74845	GAS-FUEL
594934	4172843	0.79526	GAS-FUEL
594954	4172843	0.84636	GAS-FUEL
595254	4172843	4.05723	GAS-FUEL
595274	4172843	4.70274	GAS-FUEL
595294	4172843	5.55219	GAS-FUEL
595314	4172843	6.80418	GAS-FUEL
595334	4172843	8.09081	GAS-FUEL
595354	4172843	9.78104	GAS-FUEL
595374	4172843	11.84641	GAS-FUEL
595394	4172843	13.8751	GAS-FUEL
595414	4172843	15.51702	GAS-FUEL
595434	4172843	15.91607	GAS-FUEL
595454	4172843	15.2376	GAS-FUEL
595474	4172843	14.03108	GAS-FUEL
595494	4172843	12.72429	GAS-FUEL
595514	4172843	11.40453	GAS-FUEL
595534	4172843	10.12474	GAS-FUEL
595554	4172843	8.94117	GAS-FUEL
595574	4172843	7.87504	GAS-FUEL
595594	4172843	6.92419	GAS-FUEL
595614	4172843	6.1028	GAS-FUEL
595634	4172843	5.42725	GAS-FUEL
595654	4172843	4.86175	GAS-FUEL
595674	4172843	4.38744	GAS-FUEL
595694	4172843	3.94884	GAS-FUEL
595714	4172843	3.63218	GAS-FUEL
595734	4172843	3.34177	GAS-FUEL
595754	4172843	3.08777	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172843	2.86357	GAS-FUEL
595794	4172843	2.66429	GAS-FUEL
595814	4172843	2.48544	GAS-FUEL
594854	4172863	0.59471	GAS-FUEL
594874	4172863	0.62743	GAS-FUEL
594894	4172863	0.66115	GAS-FUEL
594914	4172863	0.70019	GAS-FUEL
594934	4172863	0.74599	GAS-FUEL
595234	4172863	3.08071	GAS-FUEL
595254	4172863	3.46767	GAS-FUEL
595274	4172863	3.9737	GAS-FUEL
595294	4172863	4.72776	GAS-FUEL
595314	4172863	5.56875	GAS-FUEL
595334	4172863	6.49191	GAS-FUEL
595354	4172863	7.62974	GAS-FUEL
595374	4172863	9.01443	GAS-FUEL
595394	4172863	10.3207	GAS-FUEL
595414	4172863	11.55251	GAS-FUEL
595434	4172863	12.12621	GAS-FUEL
595454	4172863	11.94303	GAS-FUEL
595474	4172863	11.27794	GAS-FUEL
595494	4172863	10.44838	GAS-FUEL
595514	4172863	9.5634	GAS-FUEL
595534	4172863	8.68377	GAS-FUEL
595554	4172863	7.85888	GAS-FUEL
595574	4172863	7.08934	GAS-FUEL
595594	4172863	6.34825	GAS-FUEL
595614	4172863	5.67327	GAS-FUEL
595634	4172863	5.05202	GAS-FUEL
595654	4172863	4.53256	GAS-FUEL
595674	4172863	4.08228	GAS-FUEL
595694	4172863	3.69497	GAS-FUEL
595714	4172863	3.38618	GAS-FUEL
595734	4172863	3.11658	GAS-FUEL
595754	4172863	2.88238	GAS-FUEL
595774	4172863	2.67684	GAS-FUEL
595794	4172863	2.49478	GAS-FUEL
594854	4172883	0.56154	GAS-FUEL
594874	4172883	0.5924	GAS-FUEL
594894	4172883	0.62664	GAS-FUEL
594914	4172883	0.66552	GAS-FUEL
595234	4172883	2.69851	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595254	4172883	3.02223	GAS-FUEL
595274	4172883	3.46381	GAS-FUEL
595294	4172883	4.03121	GAS-FUEL
595314	4172883	4.61372	GAS-FUEL
595334	4172883	5.33285	GAS-FUEL
595354	4172883	6.20922	GAS-FUEL
595374	4172883	7.15959	GAS-FUEL
595394	4172883	8.04099	GAS-FUEL
595414	4172883	8.94209	GAS-FUEL
595434	4172883	9.54258	GAS-FUEL
595454	4172883	9.54157	GAS-FUEL
595474	4172883	9.19104	GAS-FUEL
595494	4172883	8.66395	GAS-FUEL
595514	4172883	8.08513	GAS-FUEL
595534	4172883	7.46807	GAS-FUEL
595554	4172883	6.87801	GAS-FUEL
595574	4172883	6.31384	GAS-FUEL
595594	4172883	5.75129	GAS-FUEL
595614	4172883	5.21737	GAS-FUEL
595634	4172883	4.71874	GAS-FUEL
595654	4172883	4.26647	GAS-FUEL
595674	4172883	3.81769	GAS-FUEL
595694	4172883	3.4872	GAS-FUEL
595714	4172883	3.18979	GAS-FUEL
595734	4172883	2.93325	GAS-FUEL
595754	4172883	2.71123	GAS-FUEL
595774	4172883	2.51774	GAS-FUEL
595794	4172883	2.34731	GAS-FUEL
594854	4172903	0.53721	GAS-FUEL
594874	4172903	0.56829	GAS-FUEL
594894	4172903	0.60285	GAS-FUEL
594914	4172903	0.64214	GAS-FUEL
595234	4172903	2.38912	GAS-FUEL
595254	4172903	2.68376	GAS-FUEL
595274	4172903	3.06252	GAS-FUEL
595294	4172903	3.48059	GAS-FUEL
595314	4172903	3.91427	GAS-FUEL
595334	4172903	4.45667	GAS-FUEL
595354	4172903	5.07438	GAS-FUEL
595374	4172903	5.7702	GAS-FUEL
595394	4172903	6.47662	GAS-FUEL
595414	4172903	7.15993	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595434	4172903	7.66475	GAS-FUEL
595454	4172903	7.78923	GAS-FUEL
595474	4172903	7.60598	GAS-FUEL
595494	4172903	7.27603	GAS-FUEL
595514	4172903	6.86964	GAS-FUEL
595534	4172903	6.43498	GAS-FUEL
595554	4172903	6.00882	GAS-FUEL
595574	4172903	5.58589	GAS-FUEL
595594	4172903	5.16152	GAS-FUEL
595614	4172903	4.75691	GAS-FUEL
595634	4172903	4.37082	GAS-FUEL
595654	4172903	3.99618	GAS-FUEL
595674	4172903	3.60652	GAS-FUEL
595694	4172903	3.30994	GAS-FUEL
595714	4172903	3.03151	GAS-FUEL
595734	4172903	2.78677	GAS-FUEL
595754	4172903	2.57314	GAS-FUEL
595774	4172903	2.38686	GAS-FUEL
595794	4172903	2.22363	GAS-FUEL
594854	4172923	0.5203	GAS-FUEL
594874	4172923	0.55213	GAS-FUEL
594894	4172923	0.5871	GAS-FUEL
594914	4172923	0.62642	GAS-FUEL
595254	4172923	2.41755	GAS-FUEL
595274	4172923	2.71906	GAS-FUEL
595294	4172923	3.02652	GAS-FUEL
595314	4172923	3.3697	GAS-FUEL
595334	4172923	3.79681	GAS-FUEL
595354	4172923	4.26288	GAS-FUEL
595374	4172923	4.7657	GAS-FUEL
595394	4172923	5.26989	GAS-FUEL
595414	4172923	5.80828	GAS-FUEL
595434	4172923	6.27164	GAS-FUEL
595454	4172923	6.46671	GAS-FUEL
595474	4172923	6.40222	GAS-FUEL
595494	4172923	6.17708	GAS-FUEL
595514	4172923	5.89458	GAS-FUEL
595534	4172923	5.58094	GAS-FUEL
595554	4172923	5.26858	GAS-FUEL
595574	4172923	4.93779	GAS-FUEL
595594	4172923	4.61514	GAS-FUEL
595614	4172923	4.31299	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172923	4.01249	GAS-FUEL
595654	4172923	3.67989	GAS-FUEL
595674	4172923	3.40811	GAS-FUEL
595694	4172923	3.14163	GAS-FUEL
595714	4172923	2.89226	GAS-FUEL
595734	4172923	2.66499	GAS-FUEL
595754	4172923	2.46153	GAS-FUEL
595774	4172923	2.2814	GAS-FUEL
595314	4172943	2.94045	GAS-FUEL
595334	4172943	3.26682	GAS-FUEL
595354	4172943	3.64305	GAS-FUEL
595374	4172943	4.0254	GAS-FUEL
595394	4172943	4.41476	GAS-FUEL
595414	4172943	4.81926	GAS-FUEL
595434	4172943	5.203	GAS-FUEL
595454	4172943	5.42294	GAS-FUEL
595474	4172943	5.43774	GAS-FUEL
595494	4172943	5.31269	GAS-FUEL
595514	4172943	5.11511	GAS-FUEL
595534	4172943	4.88555	GAS-FUEL
595554	4172943	4.64276	GAS-FUEL
595574	4172943	4.38204	GAS-FUEL
595594	4172943	4.13211	GAS-FUEL
595614	4172943	3.89245	GAS-FUEL
595634	4172943	3.65545	GAS-FUEL
595654	4172943	3.37913	GAS-FUEL
595674	4172943	3.17273	GAS-FUEL
595694	4172943	2.96399	GAS-FUEL
595714	4172943	2.75253	GAS-FUEL
595734	4172943	2.55138	GAS-FUEL
595754	4172943	2.36432	GAS-FUEL
595774	4172943	2.19381	GAS-FUEL
595314	4172963	2.58272	GAS-FUEL
595334	4172963	2.861	GAS-FUEL
595354	4172963	3.15655	GAS-FUEL
595374	4172963	3.45326	GAS-FUEL
595394	4172963	3.74739	GAS-FUEL
595414	4172963	4.06627	GAS-FUEL
595434	4172963	4.38945	GAS-FUEL
595454	4172963	4.60735	GAS-FUEL
595474	4172963	4.65879	GAS-FUEL
595494	4172963	4.59652	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4172963	4.46169	GAS-FUEL
595534	4172963	4.29425	GAS-FUEL
595554	4172963	4.11	GAS-FUEL
595574	4172963	3.91373	GAS-FUEL
595594	4172963	3.71346	GAS-FUEL
595614	4172963	3.51815	GAS-FUEL
595634	4172963	3.30222	GAS-FUEL
595654	4172963	3.11135	GAS-FUEL
595674	4172963	2.94005	GAS-FUEL
595694	4172963	2.76864	GAS-FUEL
595714	4172963	2.59747	GAS-FUEL
595734	4172963	2.42917	GAS-FUEL
595754	4172963	2.26622	GAS-FUEL
595314	4172983	2.2941	GAS-FUEL
595334	4172983	2.52115	GAS-FUEL
595354	4172983	2.76149	GAS-FUEL
595374	4172983	2.9966	GAS-FUEL
595394	4172983	3.23152	GAS-FUEL
595414	4172983	3.48427	GAS-FUEL
595434	4172983	3.75387	GAS-FUEL
595454	4172983	3.96167	GAS-FUEL
595474	4172983	4.04168	GAS-FUEL
595494	4172983	4.01901	GAS-FUEL
595514	4172983	3.92038	GAS-FUEL
595534	4172983	3.79527	GAS-FUEL
595554	4172983	3.65638	GAS-FUEL
595574	4172983	3.5003	GAS-FUEL
595594	4172983	3.34446	GAS-FUEL
595614	4172983	3.18859	GAS-FUEL
595634	4172983	2.98772	GAS-FUEL
595654	4172983	2.85682	GAS-FUEL
595674	4172983	2.71528	GAS-FUEL
595694	4172983	2.57791	GAS-FUEL
595714	4172983	2.44163	GAS-FUEL
595734	4172983	2.30493	GAS-FUEL
595754	4172983	2.16844	GAS-FUEL
595314	4173003	2.05986	GAS-FUEL
595334	4173003	2.23803	GAS-FUEL
595354	4173003	2.43421	GAS-FUEL
595374	4173003	2.6259	GAS-FUEL
595394	4173003	2.81257	GAS-FUEL
595414	4173003	3.01936	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595434	4173003	3.24419	GAS-FUEL
595454	4173003	3.43695	GAS-FUEL
595474	4173003	3.53497	GAS-FUEL
595494	4173003	3.53927	GAS-FUEL
595514	4173003	3.47645	GAS-FUEL
595534	4173003	3.38157	GAS-FUEL
595554	4173003	3.27132	GAS-FUEL
595574	4173003	3.14673	GAS-FUEL
595594	4173003	3.02429	GAS-FUEL
595614	4173003	2.88788	GAS-FUEL
595634	4173003	2.74182	GAS-FUEL
595654	4173003	2.62164	GAS-FUEL
595674	4173003	2.50119	GAS-FUEL
595694	4173003	2.38662	GAS-FUEL
595714	4173003	2.27577	GAS-FUEL
595734	4173003	2.16588	GAS-FUEL
595294	4173023	1.71013	GAS-FUEL
595314	4173023	1.84724	GAS-FUEL
595334	4173023	2.00466	GAS-FUEL
595354	4173023	2.16614	GAS-FUEL
595374	4173023	2.32154	GAS-FUEL
595394	4173023	2.47547	GAS-FUEL
595414	4173023	2.64443	GAS-FUEL
595434	4173023	2.82856	GAS-FUEL
595454	4173023	3.00109	GAS-FUEL
595474	4173023	3.1093	GAS-FUEL
595494	4173023	3.13811	GAS-FUEL
595514	4173023	3.10165	GAS-FUEL
595534	4173023	3.03126	GAS-FUEL
595554	4173023	2.94246	GAS-FUEL
595574	4173023	2.84434	GAS-FUEL
595594	4173023	2.74683	GAS-FUEL
595614	4173023	2.61034	GAS-FUEL
595634	4173023	2.51943	GAS-FUEL
595654	4173023	2.41311	GAS-FUEL
595674	4173023	2.30901	GAS-FUEL
595694	4173023	2.20981	GAS-FUEL
595714	4173023	2.11571	GAS-FUEL
595294	4173043	1.55801	GAS-FUEL
595314	4173043	1.6755	GAS-FUEL
595334	4173043	1.80813	GAS-FUEL
595354	4173043	1.94134	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595374	4173043	2.06988	GAS-FUEL
595394	4173043	2.19695	GAS-FUEL
595414	4173043	2.33358	GAS-FUEL
595434	4173043	2.48973	GAS-FUEL
595454	4173043	2.64288	GAS-FUEL
595474	4173043	2.75163	GAS-FUEL
595494	4173043	2.7968	GAS-FUEL
595514	4173043	2.78073	GAS-FUEL
595534	4173043	2.72846	GAS-FUEL
595554	4173043	2.65948	GAS-FUEL
595574	4173043	2.5821	GAS-FUEL
595594	4173043	2.49955	GAS-FUEL
595614	4173043	2.38975	GAS-FUEL
595634	4173043	2.31567	GAS-FUEL
595654	4173043	2.22703	GAS-FUEL
595674	4173043	2.13771	GAS-FUEL
595694	4173043	2.05067	GAS-FUEL
595294	4173063	1.42545	GAS-FUEL
595314	4173063	1.52801	GAS-FUEL
595334	4173063	1.63944	GAS-FUEL
595354	4173063	1.751	GAS-FUEL
595374	4173063	1.85786	GAS-FUEL
595394	4173063	1.96078	GAS-FUEL
595414	4173063	2.07425	GAS-FUEL
595434	4173063	2.20669	GAS-FUEL
595454	4173063	2.34448	GAS-FUEL
595474	4173063	2.45171	GAS-FUEL
595494	4173063	2.50738	GAS-FUEL
595514	4173063	2.50731	GAS-FUEL
595534	4173063	2.47037	GAS-FUEL
595554	4173063	2.41692	GAS-FUEL
595574	4173063	2.35092	GAS-FUEL
595594	4173063	2.27059	GAS-FUEL
595614	4173063	2.19926	GAS-FUEL
595634	4173063	2.13253	GAS-FUEL
595654	4173063	2.05933	GAS-FUEL
595354	4173083	1.58725	GAS-FUEL
595374	4173083	1.67475	GAS-FUEL
595394	4173083	1.76114	GAS-FUEL
595414	4173083	1.85694	GAS-FUEL
595434	4173083	1.97	GAS-FUEL
595454	4173083	2.09279	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4173083	2.19652	GAS-FUEL
595494	4173083	2.26148	GAS-FUEL
595514	4173083	2.27451	GAS-FUEL
595534	4173083	2.24622	GAS-FUEL
595554	4173083	2.20662	GAS-FUEL
595574	4173083	2.15137	GAS-FUEL
595594	4173083	2.09368	GAS-FUEL
595614	4173083	2.0141	GAS-FUEL
595334	4173103	1.36482	GAS-FUEL
595354	4173103	1.44427	GAS-FUEL
595374	4173103	1.51825	GAS-FUEL
595394	4173103	1.59156	GAS-FUEL
595414	4173103	1.6731	GAS-FUEL
595434	4173103	1.77007	GAS-FUEL
595454	4173103	1.87945	GAS-FUEL
595474	4173103	1.97814	GAS-FUEL
595494	4173103	2.04467	GAS-FUEL
595514	4173103	2.05953	GAS-FUEL
595534	4173103	2.05123	GAS-FUEL
595334	4173123	1.25174	GAS-FUEL
595354	4173123	1.3192	GAS-FUEL
595374	4173123	1.38313	GAS-FUEL
595394	4173123	1.44649	GAS-FUEL
595414	4173123	1.51718	GAS-FUEL
595434	4173123	1.60112	GAS-FUEL
595454	4173123	1.69769	GAS-FUEL
595474	4173123	1.79043	GAS-FUEL
595494	4173123	1.85533	GAS-FUEL
595514	4173123	1.87751	GAS-FUEL
595354	4173143	1.21125	GAS-FUEL
595374	4173143	1.26722	GAS-FUEL
595394	4173143	1.32375	GAS-FUEL
595414	4173143	1.39068	GAS-FUEL
595434	4173143	1.46188	GAS-FUEL
595494	4173143	1.6835	GAS-FUEL
595354	4173163	1.11918	GAS-FUEL
595374	4173163	1.16736	GAS-FUEL
595394	4173163	1.21585	GAS-FUEL
595414	4173163	1.27228	GAS-FUEL
595434	4173163	1.33354	GAS-FUEL
595374	4173183	1.07924	GAS-FUEL
595394	4173183	1.12125	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595414	4173183	1.16737	GAS-FUEL
595434	4173183	1.22119	GAS-FUEL
595203.12	4172931.43	1.80208	GAS-FUEL
595305.29	4173022.49	1.78853	GAS-FUEL
596059.85	4172738.92	1.52908	GAS-FUEL
595782.4	4171913.24	0.27654	GAS-FUEL
595790.49	4171877.76	0.25373	GAS-FUEL
595826.59	4171700.37	0.17641	GAS-FUEL
595857.85	4171568.4	0.14126	GAS-FUEL
595427.66	4172811.08	27.1369	GAS-FUEL
595616.96	4172890.78	4.97097	GAS-FUEL
595465.61	4172972.42	4.33993	GAS-FUEL
595413.93	4172953.11	4.41318	GAS-FUEL
595207.62	4172857.58	2.72347	GAS-FUEL
595229.35	4172793.73	4.69143	GAS-FUEL
595251.41	4172717.21	16.98771	GAS-FUEL
595276.16	4172654.64	30.15972	GAS-FUEL
595286.24	4171790.65	0.20517	GAS-FUEL
595306.24	4171790.65	0.20468	GAS-FUEL
595326.24	4171790.65	0.20435	GAS-FUEL
595266.24	4171810.65	0.21397	GAS-FUEL
595286.24	4171810.65	0.21307	GAS-FUEL
595306.24	4171810.65	0.2129	GAS-FUEL
595326.24	4171810.65	0.21243	GAS-FUEL
595246.24	4171830.65	0.22381	GAS-FUEL
595266.24	4171830.65	0.22258	GAS-FUEL
595286.24	4171830.65	0.22177	GAS-FUEL
595306.24	4171830.65	0.22145	GAS-FUEL
595326.24	4171830.65	0.22108	GAS-FUEL
595226.24	4171850.65	0.23449	GAS-FUEL
595246.24	4171850.65	0.23342	GAS-FUEL
595266.24	4171850.65	0.2322	GAS-FUEL
595286.24	4171850.65	0.23128	GAS-FUEL
595306.24	4171850.65	0.2307	GAS-FUEL
595326.24	4171850.65	0.2303	GAS-FUEL
595206.24	4171870.65	0.24617	GAS-FUEL
595226.24	4171870.65	0.24498	GAS-FUEL
595246.24	4171870.65	0.24354	GAS-FUEL
595266.24	4171870.65	0.24212	GAS-FUEL
595286.24	4171870.65	0.24115	GAS-FUEL
595306.24	4171870.65	0.24054	GAS-FUEL
595186.24	4171890.65	0.25783	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595206.24	4171890.65	0.25713	GAS-FUEL
595226.24	4171890.65	0.25584	GAS-FUEL
595246.24	4171890.65	0.25436	GAS-FUEL
595266.24	4171890.65	0.25288	GAS-FUEL
595286.24	4171890.65	0.25182	GAS-FUEL
595306.24	4171890.65	0.25111	GAS-FUEL
595186.24	4171910.65	0.26925	GAS-FUEL
595206.24	4171910.65	0.26861	GAS-FUEL
595226.24	4171910.65	0.26746	GAS-FUEL
595246.24	4171910.65	0.26602	GAS-FUEL
595266.24	4171910.65	0.26455	GAS-FUEL
595286.24	4171910.65	0.26319	GAS-FUEL
595306.24	4171910.65	0.26248	GAS-FUEL
595166.24	4171930.65	0.28126	GAS-FUEL
595186.24	4171930.65	0.28145	GAS-FUEL
595206.24	4171930.65	0.28113	GAS-FUEL
595226.24	4171930.65	0.27992	GAS-FUEL
595246.24	4171930.65	0.27862	GAS-FUEL
595266.24	4171930.65	0.27692	GAS-FUEL
595286.24	4171930.65	0.27553	GAS-FUEL
595166.24	4171950.65	0.29435	GAS-FUEL
595186.24	4171950.65	0.29458	GAS-FUEL
595206.24	4171950.65	0.29435	GAS-FUEL
595226.24	4171950.65	0.29316	GAS-FUEL
595246.24	4171950.65	0.2919	GAS-FUEL
595266.24	4171950.65	0.29023	GAS-FUEL
595286.24	4171950.65	0.2889	GAS-FUEL
595146.24	4171970.65	0.30769	GAS-FUEL
595166.24	4171970.65	0.30799	GAS-FUEL
595186.24	4171970.65	0.30855	GAS-FUEL
595206.24	4171970.65	0.30852	GAS-FUEL
595226.24	4171970.65	0.30761	GAS-FUEL
595246.24	4171970.65	0.30656	GAS-FUEL
595266.24	4171970.65	0.3048	GAS-FUEL
595146.24	4171990.65	0.32295	GAS-FUEL
595166.24	4171990.65	0.32315	GAS-FUEL
595186.24	4171990.65	0.32375	GAS-FUEL
595206.24	4171990.65	0.32388	GAS-FUEL
595852.66	4171825.33	0.23307	GAS-FUEL
595852.66	4171845.33	0.245	GAS-FUEL
595852.66	4171865.33	0.25824	GAS-FUEL
595872.66	4171865.33	0.26386	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595892.66	4171865.33	0.27039	GAS-FUEL
595832.66	4171885.33	0.26741	GAS-FUEL
595852.66	4171885.33	0.273	GAS-FUEL
595872.66	4171885.33	0.27958	GAS-FUEL
595892.66	4171885.33	0.2871	GAS-FUEL
595832.66	4171905.33	0.28271	GAS-FUEL
595852.66	4171905.33	0.28954	GAS-FUEL
595872.66	4171905.33	0.29725	GAS-FUEL
595892.66	4171905.33	0.30561	GAS-FUEL
595912.66	4171905.33	0.31448	GAS-FUEL
595832.66	4171925.33	0.29959	GAS-FUEL
595852.66	4171925.33	0.30746	GAS-FUEL
595872.66	4171925.33	0.31623	GAS-FUEL
595892.66	4171925.33	0.32589	GAS-FUEL
595912.66	4171925.33	0.336	GAS-FUEL
595852.66	4171945.33	0.328	GAS-FUEL
595872.66	4171945.33	0.3377	GAS-FUEL
595892.66	4171945.33	0.34811	GAS-FUEL
595912.66	4171945.33	0.35897	GAS-FUEL
595932.66	4171945.33	0.36988	GAS-FUEL
595102.43	4172101.44	0.45844	GAS-FUEL
595122.43	4172101.44	0.44884	GAS-FUEL
595142.43	4172101.44	0.44202	GAS-FUEL
595102.43	4172121.44	0.49199	GAS-FUEL
595122.43	4172121.44	0.48032	GAS-FUEL
595142.43	4172121.44	0.47179	GAS-FUEL
595082.43	4172141.44	0.54479	GAS-FUEL
595102.43	4172141.44	0.52972	GAS-FUEL
595122.43	4172141.44	0.51634	GAS-FUEL
595142.43	4172141.44	0.50558	GAS-FUEL
595082.43	4172161.44	0.58966	GAS-FUEL
595102.43	4172161.44	0.5734	GAS-FUEL
595122.43	4172161.44	0.55734	GAS-FUEL
595142.43	4172161.44	0.54404	GAS-FUEL
595082.43	4172181.44	0.64025	GAS-FUEL
595102.43	4172181.44	0.62174	GAS-FUEL
595122.43	4172181.44	0.60384	GAS-FUEL
595142.43	4172181.44	0.58779	GAS-FUEL
595062.43	4172201.44	0.71822	GAS-FUEL
595082.43	4172201.44	0.69736	GAS-FUEL
595102.43	4172201.44	0.67698	GAS-FUEL
595122.43	4172201.44	0.65655	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595142.43	4172201.44	0.63776	GAS-FUEL
595162.43	4172201.44	0.62172	GAS-FUEL
595062.43	4172221.44	0.78596	GAS-FUEL
595082.43	4172221.44	0.76257	GAS-FUEL
595102.43	4172221.44	0.73994	GAS-FUEL
595122.43	4172221.44	0.71655	GAS-FUEL
595142.43	4172221.44	0.69457	GAS-FUEL
595162.43	4172221.44	0.67495	GAS-FUEL
595062.43	4172241.44	0.86454	GAS-FUEL
595082.43	4172241.44	0.83814	GAS-FUEL
595102.43	4172241.44	0.8118	GAS-FUEL
595122.43	4172241.44	0.78569	GAS-FUEL
595142.43	4172241.44	0.76118	GAS-FUEL
595162.43	4172241.44	0.7387	GAS-FUEL
595062.43	4172261.44	0.95658	GAS-FUEL
595082.43	4172261.44	0.92672	GAS-FUEL
595102.43	4172261.44	0.89465	GAS-FUEL
595122.43	4172261.44	0.86524	GAS-FUEL
595142.43	4172261.44	0.8379	GAS-FUEL
595042.43	4172281.44	1.09908	GAS-FUEL
595062.43	4172281.44	1.06342	GAS-FUEL
595082.43	4172281.44	1.02868	GAS-FUEL
595102.43	4172281.44	0.99085	GAS-FUEL
595122.43	4172281.44	0.96005	GAS-FUEL
595142.43	4172281.44	0.92695	GAS-FUEL
595162.43	4172281.44	0.89424	GAS-FUEL
595042.43	4172301.44	1.22863	GAS-FUEL
595062.43	4172301.44	1.18899	GAS-FUEL
595082.43	4172301.44	1.14729	GAS-FUEL
595102.43	4172301.44	1.10539	GAS-FUEL
595122.43	4172301.44	1.06794	GAS-FUEL
595142.43	4172301.44	1.03038	GAS-FUEL
595162.43	4172301.44	0.99336	GAS-FUEL
595042.43	4172321.44	1.3801	GAS-FUEL
595062.43	4172321.44	1.33725	GAS-FUEL
595082.43	4172321.44	1.28495	GAS-FUEL
595102.43	4172321.44	1.24041	GAS-FUEL
595122.43	4172321.44	1.19559	GAS-FUEL
595142.43	4172321.44	1.1533	GAS-FUEL
595162.43	4172321.44	1.10977	GAS-FUEL
595022.43	4172341.44	1.58822	GAS-FUEL
595042.43	4172341.44	1.55379	GAS-FUEL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595062.43	4172341.44	1.50993	GAS-FUEL
595082.43	4172341.44	1.45862	GAS-FUEL
595102.43	4172341.44	1.40395	GAS-FUEL
595122.43	4172341.44	1.34917	GAS-FUEL
595142.43	4172341.44	1.29963	GAS-FUEL
595162.43	4172341.44	1.24896	GAS-FUEL
595509.2	4172311.1	0.90692	GAS-FUEL
595453.66	4172369.33	1.19166	GAS-FUEL
595568.33	4173021.18	2.89814	GAS-FUEL
595515	4172097	0.41459	GAS-FUEL
595271.59	4172931.11	2.55604	GAS-FUEL
595259.54	4172956.67	2.09199	GAS-FUEL
595229.53	4172979.48	1.6284	GAS-FUEL
595158.78	4172948.61	1.38653	GAS-FUEL
595424.36	4172061.47	0.37393	GAS-FUEL
595637.78	4172033.56	0.35275	GAS-FUEL
595497.98	4172569.45	8.5975	GAS-FUEL
595440.32	4172695.89	127.25726	GAS-FUEL
595531.7	4172736.24	22.82724	GAS-FUEL
595503.43	4172797.49	18.59992	GAS-FUEL
595293.61	4172706.67	42.5021	GAS-FUEL
595216.89	4172907.31	2.14423	GAS-FUEL
595554	4171743	0.46874	GAS-VENT
595574	4171743	0.4724	GAS-VENT
595594	4171743	0.47432	GAS-VENT
595614	4171743	0.47896	GAS-VENT
595634	4171743	0.48322	GAS-VENT
595654	4171743	0.48697	GAS-VENT
595674	4171743	0.49235	GAS-VENT
595694	4171743	0.5001	GAS-VENT
595714	4171743	0.5062	GAS-VENT
595534	4171763	0.48482	GAS-VENT
595554	4171763	0.4864	GAS-VENT
595574	4171763	0.48984	GAS-VENT
595594	4171763	0.49266	GAS-VENT
595614	4171763	0.49811	GAS-VENT
595634	4171763	0.5028	GAS-VENT
595654	4171763	0.50678	GAS-VENT
595674	4171763	0.51281	GAS-VENT
595694	4171763	0.52036	GAS-VENT
595714	4171763	0.52816	GAS-VENT
595734	4171763	0.53784	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4171763	0.54734	GAS-VENT
595774	4171763	0.55782	GAS-VENT
595314	4171783	0.49342	GAS-VENT
595334	4171783	0.49349	GAS-VENT
595534	4171783	0.50253	GAS-VENT
595554	4171783	0.50537	GAS-VENT
595574	4171783	0.5089	GAS-VENT
595594	4171783	0.51244	GAS-VENT
595614	4171783	0.51689	GAS-VENT
595634	4171783	0.52327	GAS-VENT
595654	4171783	0.52825	GAS-VENT
595674	4171783	0.53514	GAS-VENT
595694	4171783	0.54255	GAS-VENT
595714	4171783	0.55243	GAS-VENT
595734	4171783	0.56215	GAS-VENT
595754	4171783	0.57253	GAS-VENT
595774	4171783	0.58435	GAS-VENT
595794	4171783	0.59706	GAS-VENT
595274	4171803	0.51279	GAS-VENT
595294	4171803	0.51237	GAS-VENT
595314	4171803	0.51223	GAS-VENT
595334	4171803	0.5121	GAS-VENT
595534	4171803	0.52205	GAS-VENT
595554	4171803	0.52512	GAS-VENT
595574	4171803	0.52962	GAS-VENT
595594	4171803	0.53399	GAS-VENT
595614	4171803	0.53914	GAS-VENT
595634	4171803	0.54521	GAS-VENT
595654	4171803	0.55108	GAS-VENT
595674	4171803	0.55839	GAS-VENT
595694	4171803	0.56681	GAS-VENT
595714	4171803	0.57721	GAS-VENT
595734	4171803	0.58833	GAS-VENT
595754	4171803	0.59968	GAS-VENT
595774	4171803	0.61301	GAS-VENT
595794	4171803	0.62702	GAS-VENT
595814	4171803	0.64206	GAS-VENT
595254	4171823	0.53302	GAS-VENT
595274	4171823	0.53245	GAS-VENT
595294	4171823	0.53211	GAS-VENT
595314	4171823	0.53214	GAS-VENT
595334	4171823	0.53209	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4171823	0.5412	GAS-VENT
595534	4171823	0.54297	GAS-VENT
595554	4171823	0.54666	GAS-VENT
595574	4171823	0.54945	GAS-VENT
595594	4171823	0.5545	GAS-VENT
595614	4171823	0.5616	GAS-VENT
595634	4171823	0.56801	GAS-VENT
595654	4171823	0.57556	GAS-VENT
595674	4171823	0.58458	GAS-VENT
595694	4171823	0.59305	GAS-VENT
595714	4171823	0.60464	GAS-VENT
595734	4171823	0.61682	GAS-VENT
595754	4171823	0.62978	GAS-VENT
595774	4171823	0.64412	GAS-VENT
595794	4171823	0.65952	GAS-VENT
595814	4171823	0.67604	GAS-VENT
595834	4171823	0.69363	GAS-VENT
595854	4171823	0.71188	GAS-VENT
595234	4171843	0.55529	GAS-VENT
595254	4171843	0.5545	GAS-VENT
595274	4171843	0.55401	GAS-VENT
595294	4171843	0.55362	GAS-VENT
595314	4171843	0.55329	GAS-VENT
595334	4171843	0.55337	GAS-VENT
595514	4171843	0.56286	GAS-VENT
595534	4171843	0.5653	GAS-VENT
595554	4171843	0.5691	GAS-VENT
595574	4171843	0.57493	GAS-VENT
595594	4171843	0.57831	GAS-VENT
595614	4171843	0.58627	GAS-VENT
595634	4171843	0.5934	GAS-VENT
595654	4171843	0.60181	GAS-VENT
595674	4171843	0.61091	GAS-VENT
595694	4171843	0.62183	GAS-VENT
595714	4171843	0.6347	GAS-VENT
595734	4171843	0.64765	GAS-VENT
595754	4171843	0.66226	GAS-VENT
595774	4171843	0.67795	GAS-VENT
595794	4171843	0.69496	GAS-VENT
595814	4171843	0.71303	GAS-VENT
595854	4171843	0.75184	GAS-VENT
595874	4171843	0.77223	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595214	4171863	0.5786	GAS-VENT
595234	4171863	0.57784	GAS-VENT
595254	4171863	0.57731	GAS-VENT
595274	4171863	0.57661	GAS-VENT
595294	4171863	0.57637	GAS-VENT
595314	4171863	0.57595	GAS-VENT
595334	4171863	0.576	GAS-VENT
595514	4171863	0.58594	GAS-VENT
595534	4171863	0.58919	GAS-VENT
595554	4171863	0.59343	GAS-VENT
595574	4171863	0.59841	GAS-VENT
595594	4171863	0.60432	GAS-VENT
595614	4171863	0.61123	GAS-VENT
595634	4171863	0.6204	GAS-VENT
595654	4171863	0.63018	GAS-VENT
595674	4171863	0.63983	GAS-VENT
595694	4171863	0.65326	GAS-VENT
595714	4171863	0.66656	GAS-VENT
595734	4171863	0.68115	GAS-VENT
595754	4171863	0.69749	GAS-VENT
595774	4171863	0.71514	GAS-VENT
595794	4171863	0.7341	GAS-VENT
595814	4171863	0.75382	GAS-VENT
595834	4171863	0.77414	GAS-VENT
595854	4171863	0.79524	GAS-VENT
595874	4171863	0.81685	GAS-VENT
595894	4171863	0.83863	GAS-VENT
595194	4171883	0.60492	GAS-VENT
595214	4171883	0.6036	GAS-VENT
595234	4171883	0.60244	GAS-VENT
595254	4171883	0.60142	GAS-VENT
595274	4171883	0.60066	GAS-VENT
595294	4171883	0.60032	GAS-VENT
595314	4171883	0.59996	GAS-VENT
595514	4171883	0.6114	GAS-VENT
595534	4171883	0.61529	GAS-VENT
595554	4171883	0.61969	GAS-VENT
595574	4171883	0.62496	GAS-VENT
595594	4171883	0.63167	GAS-VENT
595614	4171883	0.63945	GAS-VENT
595634	4171883	0.64865	GAS-VENT
595654	4171883	0.66018	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4171883	0.67162	GAS-VENT
595694	4171883	0.68652	GAS-VENT
595714	4171883	0.70173	GAS-VENT
595734	4171883	0.71799	GAS-VENT
595754	4171883	0.73586	GAS-VENT
595774	4171883	0.75535	GAS-VENT
595794	4171883	0.77571	GAS-VENT
595814	4171883	0.79779	GAS-VENT
595834	4171883	0.81988	GAS-VENT
595854	4171883	0.84266	GAS-VENT
595874	4171883	0.86585	GAS-VENT
595894	4171883	0.88903	GAS-VENT
595174	4171903	0.63359	GAS-VENT
595194	4171903	0.63142	GAS-VENT
595214	4171903	0.62945	GAS-VENT
595234	4171903	0.62833	GAS-VENT
595254	4171903	0.62742	GAS-VENT
595274	4171903	0.6266	GAS-VENT
595294	4171903	0.62605	GAS-VENT
595314	4171903	0.6259	GAS-VENT
595514	4171903	0.63802	GAS-VENT
595534	4171903	0.64211	GAS-VENT
595554	4171903	0.64754	GAS-VENT
595574	4171903	0.65428	GAS-VENT
595594	4171903	0.66177	GAS-VENT
595614	4171903	0.67061	GAS-VENT
595634	4171903	0.6804	GAS-VENT
595654	4171903	0.69279	GAS-VENT
595674	4171903	0.7064	GAS-VENT
595694	4171903	0.72199	GAS-VENT
595714	4171903	0.73923	GAS-VENT
595734	4171903	0.75803	GAS-VENT
595754	4171903	0.77841	GAS-VENT
595774	4171903	0.79982	GAS-VENT
595794	4171903	0.82238	GAS-VENT
595814	4171903	0.84586	GAS-VENT
595834	4171903	0.86969	GAS-VENT
595854	4171903	0.89457	GAS-VENT
595874	4171903	0.91933	GAS-VENT
595894	4171903	0.94359	GAS-VENT
595914	4171903	0.96733	GAS-VENT
595174	4171923	0.66202	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595194	4171923	0.65949	GAS-VENT
595214	4171923	0.65777	GAS-VENT
595234	4171923	0.65622	GAS-VENT
595254	4171923	0.65517	GAS-VENT
595274	4171923	0.65452	GAS-VENT
595294	4171923	0.6536	GAS-VENT
595534	4171923	0.6718	GAS-VENT
595554	4171923	0.67773	GAS-VENT
595574	4171923	0.68502	GAS-VENT
595594	4171923	0.6937	GAS-VENT
595614	4171923	0.70391	GAS-VENT
595634	4171923	0.71559	GAS-VENT
595654	4171923	0.72885	GAS-VENT
595674	4171923	0.74428	GAS-VENT
595694	4171923	0.76129	GAS-VENT
595714	4171923	0.78128	GAS-VENT
595734	4171923	0.80189	GAS-VENT
595754	4171923	0.82425	GAS-VENT
595774	4171923	0.84801	GAS-VENT
595794	4171923	0.87273	GAS-VENT
595814	4171923	0.8983	GAS-VENT
595834	4171923	0.92381	GAS-VENT
595854	4171923	0.95049	GAS-VENT
595874	4171923	0.97671	GAS-VENT
595894	4171923	1.00285	GAS-VENT
595914	4171923	1.02808	GAS-VENT
595154	4171943	0.6969	GAS-VENT
595174	4171943	0.69293	GAS-VENT
595194	4171943	0.69009	GAS-VENT
595214	4171943	0.68761	GAS-VENT
595234	4171943	0.68594	GAS-VENT
595254	4171943	0.68504	GAS-VENT
595274	4171943	0.68407	GAS-VENT
595294	4171943	0.68342	GAS-VENT
595534	4171943	0.70399	GAS-VENT
595554	4171943	0.71043	GAS-VENT
595574	4171943	0.71864	GAS-VENT
595594	4171943	0.72835	GAS-VENT
595614	4171943	0.73983	GAS-VENT
595634	4171943	0.75313	GAS-VENT
595654	4171943	0.76827	GAS-VENT
595674	4171943	0.78563	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4171943	0.80487	GAS-VENT
595714	4171943	0.82614	GAS-VENT
595734	4171943	0.84872	GAS-VENT
595754	4171943	0.87402	GAS-VENT
595774	4171943	0.90088	GAS-VENT
595794	4171943	0.92722	GAS-VENT
595814	4171943	0.9554	GAS-VENT
595834	4171943	0.98383	GAS-VENT
595854	4171943	1.01159	GAS-VENT
595874	4171943	1.03922	GAS-VENT
595894	4171943	1.06624	GAS-VENT
595914	4171943	1.09252	GAS-VENT
595934	4171943	1.1176	GAS-VENT
595154	4171963	0.7305	GAS-VENT
595174	4171963	0.72614	GAS-VENT
595194	4171963	0.72261	GAS-VENT
595214	4171963	0.72009	GAS-VENT
595234	4171963	0.71783	GAS-VENT
595254	4171963	0.71725	GAS-VENT
595274	4171963	0.71622	GAS-VENT
595554	4171963	0.74603	GAS-VENT
595574	4171963	0.75517	GAS-VENT
595594	4171963	0.76627	GAS-VENT
595614	4171963	0.77922	GAS-VENT
595634	4171963	0.79439	GAS-VENT
595654	4171963	0.81138	GAS-VENT
595674	4171963	0.83076	GAS-VENT
595694	4171963	0.85267	GAS-VENT
595714	4171963	0.87599	GAS-VENT
595734	4171963	0.90135	GAS-VENT
595754	4171963	0.92882	GAS-VENT
595774	4171963	0.95737	GAS-VENT
595794	4171963	0.98707	GAS-VENT
595814	4171963	1.01721	GAS-VENT
595834	4171963	1.04783	GAS-VENT
595854	4171963	1.07839	GAS-VENT
595874	4171963	1.10684	GAS-VENT
595894	4171963	1.13621	GAS-VENT
595914	4171963	1.16391	GAS-VENT
595934	4171963	1.18881	GAS-VENT
595154	4171983	0.76714	GAS-VENT
595174	4171983	0.76179	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595194	4171983	0.75804	GAS-VENT
595214	4171983	0.75515	GAS-VENT
595234	4171983	0.75314	GAS-VENT
595254	4171983	0.75078	GAS-VENT
595574	4171983	0.79504	GAS-VENT
595754	4172023	1.13182	GAS-VENT
595774	4172023	1.16894	GAS-VENT
595794	4172023	1.2074	GAS-VENT
595814	4172023	1.24469	GAS-VENT
595834	4172023	1.28027	GAS-VENT
595714	4172043	1.13586	GAS-VENT
595734	4172043	1.17581	GAS-VENT
595754	4172043	1.21691	GAS-VENT
595774	4172043	1.25717	GAS-VENT
595794	4172043	1.29748	GAS-VENT
595814	4172043	1.33726	GAS-VENT
595834	4172043	1.37599	GAS-VENT
595854	4172043	1.41268	GAS-VENT
595874	4172043	1.4469	GAS-VENT
595894	4172043	1.47834	GAS-VENT
595914	4172043	1.50698	GAS-VENT
595934	4172043	1.53084	GAS-VENT
595714	4172063	1.21955	GAS-VENT
595734	4172063	1.26558	GAS-VENT
595754	4172063	1.3089	GAS-VENT
595774	4172063	1.35253	GAS-VENT
595794	4172063	1.39575	GAS-VENT
595814	4172063	1.43779	GAS-VENT
595834	4172063	1.47817	GAS-VENT
595854	4172063	1.51598	GAS-VENT
595874	4172063	1.55086	GAS-VENT
595894	4172063	1.58248	GAS-VENT
595914	4172063	1.61071	GAS-VENT
595934	4172063	1.63526	GAS-VENT
595714	4172083	1.31332	GAS-VENT
595734	4172083	1.36418	GAS-VENT
595754	4172083	1.41134	GAS-VENT
595774	4172083	1.45839	GAS-VENT
595794	4172083	1.50439	GAS-VENT
595814	4172083	1.54857	GAS-VENT
595834	4172083	1.59024	GAS-VENT
595854	4172083	1.62884	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4172083	1.66374	GAS-VENT
595894	4172083	1.69496	GAS-VENT
595914	4172083	1.72201	GAS-VENT
595934	4172083	1.74497	GAS-VENT
595114	4172103	1.10508	GAS-VENT
595134	4172103	1.08808	GAS-VENT
595714	4172103	1.41867	GAS-VENT
595734	4172103	1.47411	GAS-VENT
595754	4172103	1.52527	GAS-VENT
595774	4172103	1.5757	GAS-VENT
595794	4172103	1.62421	GAS-VENT
595814	4172103	1.67031	GAS-VENT
595834	4172103	1.71292	GAS-VENT
595854	4172103	1.75168	GAS-VENT
595874	4172103	1.78623	GAS-VENT
595894	4172103	1.81633	GAS-VENT
595914	4172103	1.84161	GAS-VENT
595934	4172103	1.8621	GAS-VENT
595094	4172123	1.20055	GAS-VENT
595114	4172123	1.17951	GAS-VENT
595134	4172123	1.16021	GAS-VENT
595694	4172123	1.47988	GAS-VENT
595714	4172123	1.53823	GAS-VENT
595734	4172123	1.59707	GAS-VENT
595754	4172123	1.65233	GAS-VENT
595774	4172123	1.70603	GAS-VENT
595794	4172123	1.75701	GAS-VENT
595814	4172123	1.80439	GAS-VENT
595834	4172123	1.84725	GAS-VENT
595854	4172123	1.88549	GAS-VENT
595874	4172123	1.91904	GAS-VENT
595894	4172123	1.94701	GAS-VENT
595914	4172123	1.96972	GAS-VENT
595934	4172123	1.98693	GAS-VENT
595094	4172143	1.28638	GAS-VENT
595114	4172143	1.26285	GAS-VENT
595134	4172143	1.24091	GAS-VENT
595694	4172143	1.60819	GAS-VENT
595714	4172143	1.67382	GAS-VENT
595734	4172143	1.73473	GAS-VENT
595754	4172143	1.79381	GAS-VENT
595774	4172143	1.85054	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172143	1.90337	GAS-VENT
595814	4172143	1.95138	GAS-VENT
595834	4172143	1.99412	GAS-VENT
595854	4172143	2.03122	GAS-VENT
595874	4172143	2.06256	GAS-VENT
595894	4172143	2.08753	GAS-VENT
595914	4172143	2.10669	GAS-VENT
595934	4172143	2.1197	GAS-VENT
595094	4172163	1.38276	GAS-VENT
595114	4172163	1.35675	GAS-VENT
595134	4172163	1.33166	GAS-VENT
595154	4172163	1.30961	GAS-VENT
595614	4172163	1.49609	GAS-VENT
595634	4172163	1.55485	GAS-VENT
595654	4172163	1.61812	GAS-VENT
595674	4172163	1.68832	GAS-VENT
595694	4172163	1.7564	GAS-VENT
595714	4172163	1.82354	GAS-VENT
595734	4172163	1.88905	GAS-VENT
595754	4172163	1.95167	GAS-VENT
595774	4172163	2.01074	GAS-VENT
595794	4172163	2.06472	GAS-VENT
595814	4172163	2.11269	GAS-VENT
595834	4172163	2.15437	GAS-VENT
595854	4172163	2.18941	GAS-VENT
595874	4172163	2.21731	GAS-VENT
595894	4172163	2.23823	GAS-VENT
595914	4172163	2.25274	GAS-VENT
595074	4172183	1.51921	GAS-VENT
595094	4172183	1.49016	GAS-VENT
595114	4172183	1.4614	GAS-VENT
595134	4172183	1.43346	GAS-VENT
595154	4172183	1.40692	GAS-VENT
595614	4172183	1.62986	GAS-VENT
595634	4172183	1.69489	GAS-VENT
595654	4172183	1.7716	GAS-VENT
595674	4172183	1.8451	GAS-VENT
595694	4172183	1.91936	GAS-VENT
595714	4172183	1.99218	GAS-VENT
595734	4172183	2.06197	GAS-VENT
595754	4172183	2.12786	GAS-VENT
595774	4172183	2.18858	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172183	2.24283	GAS-VENT
595814	4172183	2.28956	GAS-VENT
595834	4172183	2.32893	GAS-VENT
595854	4172183	2.3603	GAS-VENT
595874	4172183	2.38339	GAS-VENT
595894	4172183	2.39912	GAS-VENT
595914	4172183	2.40766	GAS-VENT
595074	4172203	1.64338	GAS-VENT
595094	4172203	1.61139	GAS-VENT
595114	4172203	1.57902	GAS-VENT
595134	4172203	1.54761	GAS-VENT
595154	4172203	1.51733	GAS-VENT
595594	4172203	1.70441	GAS-VENT
595614	4172203	1.78216	GAS-VENT
595634	4172203	1.85691	GAS-VENT
595654	4172203	1.94046	GAS-VENT
595674	4172203	2.02246	GAS-VENT
595694	4172203	2.10391	GAS-VENT
595714	4172203	2.18224	GAS-VENT
595734	4172203	2.25608	GAS-VENT
595754	4172203	2.32457	GAS-VENT
595774	4172203	2.38585	GAS-VENT
595794	4172203	2.43887	GAS-VENT
595814	4172203	2.48317	GAS-VENT
595834	4172203	2.51845	GAS-VENT
595854	4172203	2.5446	GAS-VENT
595874	4172203	2.56158	GAS-VENT
595894	4172203	2.57033	GAS-VENT
595914	4172203	2.57128	GAS-VENT
595074	4172223	1.78301	GAS-VENT
595094	4172223	1.74904	GAS-VENT
595114	4172223	1.71189	GAS-VENT
595134	4172223	1.67666	GAS-VENT
595154	4172223	1.64159	GAS-VENT
595594	4172223	1.86353	GAS-VENT
595614	4172223	1.94717	GAS-VENT
595634	4172223	2.04361	GAS-VENT
595654	4172223	2.13415	GAS-VENT
595674	4172223	2.22498	GAS-VENT
595694	4172223	2.31349	GAS-VENT
595714	4172223	2.39696	GAS-VENT
595734	4172223	2.47372	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172223	2.54355	GAS-VENT
595774	4172223	2.60399	GAS-VENT
595794	4172223	2.65424	GAS-VENT
595814	4172223	2.69402	GAS-VENT
595834	4172223	2.72344	GAS-VENT
595854	4172223	2.74258	GAS-VENT
595874	4172223	2.7517	GAS-VENT
595894	4172223	2.75177	GAS-VENT
595054	4172243	1.97976	GAS-VENT
595074	4172243	1.94238	GAS-VENT
595094	4172243	1.90469	GAS-VENT
595114	4172243	1.86309	GAS-VENT
595134	4172243	1.8234	GAS-VENT
595154	4172243	1.78571	GAS-VENT
595594	4172243	2.05175	GAS-VENT
595614	4172243	2.14252	GAS-VENT
595634	4172243	2.25533	GAS-VENT
595654	4172243	2.3569	GAS-VENT
595674	4172243	2.45662	GAS-VENT
595694	4172243	2.55184	GAS-VENT
595714	4172243	2.63935	GAS-VENT
595734	4172243	2.71782	GAS-VENT
595754	4172243	2.7873	GAS-VENT
595774	4172243	2.84485	GAS-VENT
595794	4172243	2.8902	GAS-VENT
595814	4172243	2.92324	GAS-VENT
595834	4172243	2.94446	GAS-VENT
595854	4172243	2.9543	GAS-VENT
595874	4172243	2.95318	GAS-VENT
595894	4172243	2.94261	GAS-VENT
595054	4172263	2.16451	GAS-VENT
595074	4172263	2.12524	GAS-VENT
595094	4172263	2.08277	GAS-VENT
595114	4172263	2.03493	GAS-VENT
595134	4172263	1.9938	GAS-VENT
595154	4172263	1.94912	GAS-VENT
595594	4172263	2.27133	GAS-VENT
595614	4172263	2.37739	GAS-VENT
595634	4172263	2.50045	GAS-VENT
595654	4172263	2.61335	GAS-VENT
595674	4172263	2.72193	GAS-VENT
595694	4172263	2.82251	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172263	2.91298	GAS-VENT
595734	4172263	2.99161	GAS-VENT
595754	4172263	3.05766	GAS-VENT
595774	4172263	3.10996	GAS-VENT
595794	4172263	3.14748	GAS-VENT
595814	4172263	3.17112	GAS-VENT
595834	4172263	3.18153	GAS-VENT
595854	4172263	3.17946	GAS-VENT
595874	4172263	3.16568	GAS-VENT
595894	4172263	3.14213	GAS-VENT
595054	4172283	2.37321	GAS-VENT
595074	4172283	2.3324	GAS-VENT
595094	4172283	2.28355	GAS-VENT
595114	4172283	2.23439	GAS-VENT
595134	4172283	2.18716	GAS-VENT
595154	4172283	2.13551	GAS-VENT
595174	4172283	2.0871	GAS-VENT
595574	4172283	2.39545	GAS-VENT
595594	4172283	2.52355	GAS-VENT
595614	4172283	2.65674	GAS-VENT
595634	4172283	2.78515	GAS-VENT
595654	4172283	2.90936	GAS-VENT
595674	4172283	3.02574	GAS-VENT
595694	4172283	3.1305	GAS-VENT
595714	4172283	3.22137	GAS-VENT
595734	4172283	3.29711	GAS-VENT
595754	4172283	3.35697	GAS-VENT
595774	4172283	3.40042	GAS-VENT
595794	4172283	3.42695	GAS-VENT
595814	4172283	3.4379	GAS-VENT
595834	4172283	3.43431	GAS-VENT
595854	4172283	3.41734	GAS-VENT
595874	4172283	3.38832	GAS-VENT
595894	4172283	3.34913	GAS-VENT
595034	4172303	2.64643	GAS-VENT
595054	4172303	2.61105	GAS-VENT
595074	4172303	2.56879	GAS-VENT
595094	4172303	2.51396	GAS-VENT
595114	4172303	2.46621	GAS-VENT
595134	4172303	2.4095	GAS-VENT
595154	4172303	2.35229	GAS-VENT
595174	4172303	2.29637	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172303	2.6713	GAS-VENT
595594	4172303	2.81385	GAS-VENT
595614	4172303	2.97418	GAS-VENT
595634	4172303	3.11676	GAS-VENT
595654	4172303	3.25151	GAS-VENT
595674	4172303	3.3739	GAS-VENT
595694	4172303	3.48036	GAS-VENT
595714	4172303	3.56794	GAS-VENT
595734	4172303	3.63742	GAS-VENT
595754	4172303	3.68726	GAS-VENT
595774	4172303	3.71736	GAS-VENT
595794	4172303	3.72882	GAS-VENT
595814	4172303	3.72316	GAS-VENT
595834	4172303	3.70188	GAS-VENT
595854	4172303	3.66665	GAS-VENT
595874	4172303	3.61936	GAS-VENT
595034	4172323	2.9139	GAS-VENT
595054	4172323	2.88181	GAS-VENT
595074	4172323	2.83778	GAS-VENT
595094	4172323	2.78218	GAS-VENT
595114	4172323	2.7275	GAS-VENT
595134	4172323	2.6687	GAS-VENT
595154	4172323	2.60489	GAS-VENT
595174	4172323	2.54072	GAS-VENT
595574	4172323	3.00251	GAS-VENT
595594	4172323	3.16018	GAS-VENT
595614	4172323	3.34466	GAS-VENT
595634	4172323	3.50327	GAS-VENT
595654	4172323	3.64729	GAS-VENT
595674	4172323	3.77262	GAS-VENT
595694	4172323	3.8761	GAS-VENT
595714	4172323	3.9569	GAS-VENT
595734	4172323	4.01484	GAS-VENT
595754	4172323	4.04905	GAS-VENT
595774	4172323	4.06108	GAS-VENT
595794	4172323	4.05264	GAS-VENT
595814	4172323	4.02577	GAS-VENT
595834	4172323	3.9827	GAS-VENT
595854	4172323	3.9256	GAS-VENT
595874	4172323	3.85674	GAS-VENT
595034	4172343	3.21551	GAS-VENT
595054	4172343	3.1886	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595074	4172343	3.15039	GAS-VENT
595094	4172343	3.1001	GAS-VENT
595114	4172343	3.03767	GAS-VENT
595134	4172343	2.97126	GAS-VENT
595154	4172343	2.9016	GAS-VENT
595574	4172343	3.40172	GAS-VENT
595594	4172343	3.58603	GAS-VENT
595614	4172343	3.7822	GAS-VENT
595634	4172343	3.95125	GAS-VENT
595654	4172343	4.10076	GAS-VENT
595674	4172343	4.22598	GAS-VENT
595694	4172343	4.32414	GAS-VENT
595714	4172343	4.3917	GAS-VENT
595734	4172343	4.43076	GAS-VENT
595754	4172343	4.44314	GAS-VENT
595774	4172343	4.43101	GAS-VENT
595794	4172343	4.39698	GAS-VENT
595814	4172343	4.34384	GAS-VENT
595834	4172343	4.27446	GAS-VENT
595854	4172343	4.19163	GAS-VENT
595874	4172343	4.09836	GAS-VENT
595554	4172363	3.64557	GAS-VENT
595574	4172363	3.87308	GAS-VENT
595594	4172363	4.09635	GAS-VENT
595614	4172363	4.30601	GAS-VENT
595634	4172363	4.48438	GAS-VENT
595654	4172363	4.63283	GAS-VENT
595674	4172363	4.74563	GAS-VENT
595694	4172363	4.82457	GAS-VENT
595714	4172363	4.86983	GAS-VENT
595734	4172363	4.88304	GAS-VENT
595754	4172363	4.86773	GAS-VENT
595774	4172363	4.8254	GAS-VENT
595794	4172363	4.75948	GAS-VENT
595814	4172363	4.67459	GAS-VENT
595834	4172363	4.57423	GAS-VENT
595854	4172363	4.46207	GAS-VENT
595874	4172363	4.34117	GAS-VENT
595554	4172383	4.17127	GAS-VENT
595574	4172383	4.42824	GAS-VENT
595594	4172383	4.69752	GAS-VENT
595614	4172383	4.91492	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172383	5.09601	GAS-VENT
595654	4172383	5.23655	GAS-VENT
595674	4172383	5.33283	GAS-VENT
595694	4172383	5.3881	GAS-VENT
595714	4172383	5.40299	GAS-VENT
595734	4172383	5.37954	GAS-VENT
595754	4172383	5.32223	GAS-VENT
595774	4172383	5.23889	GAS-VENT
595794	4172383	5.13485	GAS-VENT
595814	4172383	5.01334	GAS-VENT
595834	4172383	4.87872	GAS-VENT
595854	4172383	4.73353	GAS-VENT
595554	4172403	4.83892	GAS-VENT
595574	4172403	5.11106	GAS-VENT
595594	4172403	5.41614	GAS-VENT
595614	4172403	5.63756	GAS-VENT
595634	4172403	5.80957	GAS-VENT
595654	4172403	5.92846	GAS-VENT
595674	4172403	5.99354	GAS-VENT
595694	4172403	6.00647	GAS-VENT
595714	4172403	5.97566	GAS-VENT
595734	4172403	5.90547	GAS-VENT
595754	4172403	5.8028	GAS-VENT
595774	4172403	5.67357	GAS-VENT
595794	4172403	5.52354	GAS-VENT
595814	4172403	5.35767	GAS-VENT
595834	4172403	5.18155	GAS-VENT
595854	4172403	5.00041	GAS-VENT
595074	4172423	4.91858	GAS-VENT
595094	4172423	4.91533	GAS-VENT
595554	4172423	5.67889	GAS-VENT
595574	4172423	5.96733	GAS-VENT
595594	4172423	6.27683	GAS-VENT
595614	4172423	6.4913	GAS-VENT
595634	4172423	6.6374	GAS-VENT
595654	4172423	6.71627	GAS-VENT
595674	4172423	6.7301	GAS-VENT
595694	4172423	6.68787	GAS-VENT
595714	4172423	6.59658	GAS-VENT
595734	4172423	6.46553	GAS-VENT
595754	4172423	6.30339	GAS-VENT
595774	4172423	6.11686	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172423	5.91411	GAS-VENT
595814	4172423	5.70063	GAS-VENT
595834	4172423	5.48247	GAS-VENT
595854	4172423	5.26321	GAS-VENT
595074	4172443	5.52708	GAS-VENT
595094	4172443	5.55662	GAS-VENT
595114	4172443	5.5557	GAS-VENT
595134	4172443	5.52484	GAS-VENT
595534	4172443	6.23926	GAS-VENT
595554	4172443	6.65958	GAS-VENT
595574	4172443	7.01966	GAS-VENT
595594	4172443	7.30663	GAS-VENT
595614	4172443	7.49269	GAS-VENT
595634	4172443	7.59049	GAS-VENT
595654	4172443	7.60496	GAS-VENT
595674	4172443	7.545	GAS-VENT
595694	4172443	7.42453	GAS-VENT
595714	4172443	7.25609	GAS-VENT
595734	4172443	7.04996	GAS-VENT
595754	4172443	6.81578	GAS-VENT
595774	4172443	6.56408	GAS-VENT
595794	4172443	6.30236	GAS-VENT
595814	4172443	6.03722	GAS-VENT
595834	4172443	5.77348	GAS-VENT
595854	4172443	5.51449	GAS-VENT
595054	4172463	6.11659	GAS-VENT
595074	4172463	6.21981	GAS-VENT
595094	4172463	6.29361	GAS-VENT
595114	4172463	6.33493	GAS-VENT
595534	4172463	7.43173	GAS-VENT
595554	4172463	7.85595	GAS-VENT
595574	4172463	8.23842	GAS-VENT
595594	4172463	8.5309	GAS-VENT
595614	4172463	8.65898	GAS-VENT
595634	4172463	8.67454	GAS-VENT
595654	4172463	8.59377	GAS-VENT
595674	4172463	8.43212	GAS-VENT
595694	4172463	8.20983	GAS-VENT
595714	4172463	7.94284	GAS-VENT
595734	4172463	7.64587	GAS-VENT
595754	4172463	7.33035	GAS-VENT
595774	4172463	7.0062	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172463	6.68062	GAS-VENT
595814	4172463	6.36124	GAS-VENT
595834	4172463	6.05028	GAS-VENT
595054	4172483	6.77402	GAS-VENT
595074	4172483	6.98836	GAS-VENT
595094	4172483	7.13404	GAS-VENT
595114	4172483	7.23991	GAS-VENT
595534	4172483	8.99811	GAS-VENT
595554	4172483	9.40009	GAS-VENT
595574	4172483	9.7769	GAS-VENT
595594	4172483	9.96784	GAS-VENT
595614	4172483	9.97663	GAS-VENT
595634	4172483	9.87802	GAS-VENT
595654	4172483	9.66993	GAS-VENT
595674	4172483	9.37604	GAS-VENT
595694	4172483	9.02662	GAS-VENT
595714	4172483	8.64337	GAS-VENT
595734	4172483	8.24259	GAS-VENT
595754	4172483	7.83663	GAS-VENT
595774	4172483	7.4343	GAS-VENT
595794	4172483	7.04222	GAS-VENT
595814	4172483	6.6666	GAS-VENT
595834	4172483	6.30834	GAS-VENT
595034	4172503	7.2445	GAS-VENT
595054	4172503	7.53132	GAS-VENT
595074	4172503	7.81299	GAS-VENT
595094	4172503	8.06371	GAS-VENT
595114	4172503	8.27956	GAS-VENT
595534	4172503	11.01407	GAS-VENT
595554	4172503	11.34378	GAS-VENT
595574	4172503	11.63907	GAS-VENT
595594	4172503	11.65798	GAS-VENT
595614	4172503	11.49398	GAS-VENT
595634	4172503	11.20854	GAS-VENT
595654	4172503	10.81545	GAS-VENT
595674	4172503	10.3409	GAS-VENT
595694	4172503	9.85565	GAS-VENT
595714	4172503	9.33987	GAS-VENT
595734	4172503	8.8252	GAS-VENT
595754	4172503	8.32275	GAS-VENT
595774	4172503	7.83904	GAS-VENT
595794	4172503	7.37752	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172503	6.94679	GAS-VENT
595834	4172503	6.54224	GAS-VENT
595034	4172523	7.86061	GAS-VENT
595054	4172523	8.28406	GAS-VENT
595074	4172523	8.69588	GAS-VENT
595094	4172523	9.06729	GAS-VENT
595514	4172523	12.87163	GAS-VENT
595534	4172523	13.49087	GAS-VENT
595554	4172523	13.82071	GAS-VENT
595574	4172523	13.9122	GAS-VENT
595594	4172523	13.49957	GAS-VENT
595614	4172523	13.16409	GAS-VENT
595634	4172523	12.65524	GAS-VENT
595654	4172523	12.0014	GAS-VENT
595674	4172523	11.34966	GAS-VENT
595694	4172523	10.67134	GAS-VENT
595714	4172523	10.01213	GAS-VENT
595734	4172523	9.37834	GAS-VENT
595754	4172523	8.77636	GAS-VENT
595774	4172523	8.21078	GAS-VENT
595794	4172523	7.68085	GAS-VENT
595814	4172523	7.19602	GAS-VENT
595834	4172523	6.74717	GAS-VENT
595034	4172543	8.42643	GAS-VENT
595054	4172543	8.98443	GAS-VENT
595074	4172543	9.54734	GAS-VENT
595094	4172543	10.1162	GAS-VENT
595514	4172543	16.23594	GAS-VENT
595534	4172543	16.62904	GAS-VENT
595554	4172543	16.75254	GAS-VENT
595574	4172543	16.26342	GAS-VENT
595594	4172543	15.57145	GAS-VENT
595614	4172543	14.81324	GAS-VENT
595634	4172543	14.07261	GAS-VENT
595654	4172543	13.21869	GAS-VENT
595674	4172543	12.20789	GAS-VENT
595694	4172543	11.39079	GAS-VENT
595714	4172543	10.631	GAS-VENT
595734	4172543	9.88513	GAS-VENT
595754	4172543	9.18443	GAS-VENT
595774	4172543	8.54192	GAS-VENT
595794	4172543	7.94587	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172543	7.40783	GAS-VENT
595014	4172563	8.29194	GAS-VENT
595034	4172563	8.92331	GAS-VENT
595054	4172563	9.60585	GAS-VENT
595074	4172563	10.33004	GAS-VENT
595094	4172563	11.10476	GAS-VENT
595514	4172563	20.84351	GAS-VENT
595534	4172563	20.70725	GAS-VENT
595554	4172563	20.32078	GAS-VENT
595574	4172563	18.95361	GAS-VENT
595594	4172563	17.77536	GAS-VENT
595614	4172563	16.60512	GAS-VENT
595634	4172563	15.59512	GAS-VENT
595654	4172563	14.28299	GAS-VENT
595674	4172563	13.08805	GAS-VENT
595694	4172563	12.04729	GAS-VENT
595714	4172563	11.09578	GAS-VENT
595734	4172563	10.26192	GAS-VENT
595754	4172563	9.53279	GAS-VENT
595774	4172563	8.8161	GAS-VENT
595794	4172563	8.15564	GAS-VENT
595814	4172563	7.57564	GAS-VENT
595014	4172583	8.605	GAS-VENT
595034	4172583	9.32165	GAS-VENT
595054	4172583	10.12614	GAS-VENT
595074	4172583	11.00644	GAS-VENT
595494	4172583	26.54149	GAS-VENT
595514	4172583	26.62	GAS-VENT
595534	4172583	25.60571	GAS-VENT
595554	4172583	23.87654	GAS-VENT
595574	4172583	21.86124	GAS-VENT
595594	4172583	20.06509	GAS-VENT
595614	4172583	18.48711	GAS-VENT
595634	4172583	16.97496	GAS-VENT
595654	4172583	15.2399	GAS-VENT
595674	4172583	13.86881	GAS-VENT
595694	4172583	12.6439	GAS-VENT
595714	4172583	11.55221	GAS-VENT
595734	4172583	10.62998	GAS-VENT
595754	4172583	9.80536	GAS-VENT
595774	4172583	9.01223	GAS-VENT
595794	4172583	8.31101	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172583	7.69175	GAS-VENT
595034	4172603	9.61829	GAS-VENT
595054	4172603	10.51535	GAS-VENT
595074	4172603	11.53793	GAS-VENT
595494	4172603	35.39954	GAS-VENT
595514	4172603	33.54944	GAS-VENT
595534	4172603	31.19874	GAS-VENT
595554	4172603	27.92447	GAS-VENT
595574	4172603	24.77393	GAS-VENT
595594	4172603	22.25279	GAS-VENT
595614	4172603	20.27853	GAS-VENT
595634	4172603	18.11027	GAS-VENT
595654	4172603	16.09762	GAS-VENT
595674	4172603	14.50185	GAS-VENT
595694	4172603	13.11023	GAS-VENT
595714	4172603	11.89465	GAS-VENT
595734	4172603	10.93361	GAS-VENT
595754	4172603	9.9949	GAS-VENT
595774	4172603	9.14047	GAS-VENT
595794	4172603	8.40921	GAS-VENT
595474	4172623	50.03777	GAS-VENT
595494	4172623	47.03254	GAS-VENT
595514	4172623	41.97924	GAS-VENT
595534	4172623	37.07802	GAS-VENT
595554	4172623	32.3912	GAS-VENT
595574	4172623	28.21676	GAS-VENT
595594	4172623	24.50011	GAS-VENT
595614	4172623	21.68776	GAS-VENT
595634	4172623	19.09043	GAS-VENT
595654	4172623	16.93524	GAS-VENT
595674	4172623	15.02766	GAS-VENT
595694	4172623	13.41918	GAS-VENT
595714	4172623	12.12964	GAS-VENT
595734	4172623	11.08603	GAS-VENT
595754	4172623	10.07567	GAS-VENT
595774	4172623	9.19527	GAS-VENT
595794	4172623	8.43594	GAS-VENT
595814	4172623	7.76624	GAS-VENT
595474	4172643	69.80816	GAS-VENT
595494	4172643	59.64734	GAS-VENT
595514	4172643	50.60092	GAS-VENT
595534	4172643	42.49674	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172643	35.86085	GAS-VENT
595574	4172643	30.48556	GAS-VENT
595594	4172643	26.1487	GAS-VENT
595614	4172643	22.49839	GAS-VENT
595634	4172643	19.38453	GAS-VENT
595654	4172643	17.2145	GAS-VENT
595674	4172643	15.34468	GAS-VENT
595694	4172643	13.69577	GAS-VENT
595714	4172643	12.29491	GAS-VENT
595734	4172643	11.10142	GAS-VENT
595754	4172643	10.05398	GAS-VENT
595774	4172643	9.1682	GAS-VENT
595794	4172643	8.39256	GAS-VENT
595814	4172643	7.71272	GAS-VENT
595474	4172663	92.55211	GAS-VENT
595494	4172663	72.45346	GAS-VENT
595514	4172663	57.66895	GAS-VENT
595534	4172663	46.51352	GAS-VENT
595554	4172663	38.15513	GAS-VENT
595574	4172663	31.79396	GAS-VENT
595594	4172663	26.87511	GAS-VENT
595614	4172663	22.60286	GAS-VENT
595634	4172663	19.50131	GAS-VENT
595654	4172663	17.12157	GAS-VENT
595674	4172663	15.1133	GAS-VENT
595694	4172663	13.55049	GAS-VENT
595714	4172663	12.20441	GAS-VENT
595734	4172663	10.98732	GAS-VENT
595754	4172663	9.9379	GAS-VENT
595774	4172663	9.05152	GAS-VENT
595794	4172663	8.27618	GAS-VENT
595814	4172663	7.59883	GAS-VENT
595454	4172683	157.87332	GAS-VENT
595474	4172683	110.3167	GAS-VENT
595494	4172683	80.6549	GAS-VENT
595514	4172683	61.31502	GAS-VENT
595534	4172683	48.1239	GAS-VENT
595554	4172683	38.77468	GAS-VENT
595574	4172683	31.92393	GAS-VENT
595594	4172683	26.69678	GAS-VENT
595614	4172683	22.25775	GAS-VENT
595634	4172683	19.26576	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172683	16.84835	GAS-VENT
595674	4172683	14.84134	GAS-VENT
595694	4172683	13.32317	GAS-VENT
595714	4172683	11.9429	GAS-VENT
595734	4172683	10.73402	GAS-VENT
595754	4172683	9.72734	GAS-VENT
595774	4172683	8.84918	GAS-VENT
595794	4172683	8.09091	GAS-VENT
595814	4172683	7.42841	GAS-VENT
595474	4172703	113.28478	GAS-VENT
595494	4172703	80.17326	GAS-VENT
595514	4172703	60.0701	GAS-VENT
595534	4172703	46.84267	GAS-VENT
595554	4172703	37.56409	GAS-VENT
595574	4172703	30.83911	GAS-VENT
595594	4172703	25.51121	GAS-VENT
595614	4172703	21.48344	GAS-VENT
595634	4172703	18.60429	GAS-VENT
595654	4172703	16.25386	GAS-VENT
595674	4172703	14.36233	GAS-VENT
595694	4172703	12.90548	GAS-VENT
595714	4172703	11.54476	GAS-VENT
595734	4172703	10.38554	GAS-VENT
595754	4172703	9.41772	GAS-VENT
595774	4172703	8.57365	GAS-VENT
595794	4172703	7.84189	GAS-VENT
595814	4172703	7.20422	GAS-VENT
595834	4172703	6.64623	GAS-VENT
595294	4172723	58.90869	GAS-VENT
595314	4172723	85.89192	GAS-VENT
595514	4172723	54.98324	GAS-VENT
595534	4172723	43.00679	GAS-VENT
595554	4172723	34.71207	GAS-VENT
595574	4172723	28.75602	GAS-VENT
595594	4172723	24.16302	GAS-VENT
595614	4172723	20.42569	GAS-VENT
595634	4172723	17.61782	GAS-VENT
595654	4172723	15.43474	GAS-VENT
595674	4172723	13.74684	GAS-VENT
595694	4172723	12.30428	GAS-VENT
595714	4172723	11.02984	GAS-VENT
595734	4172723	9.9547	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172723	9.02995	GAS-VENT
595774	4172723	8.2328	GAS-VENT
595794	4172723	7.51725	GAS-VENT
595814	4172723	6.92117	GAS-VENT
595834	4172723	6.39838	GAS-VENT
595294	4172743	37.43811	GAS-VENT
595314	4172743	50.24351	GAS-VENT
595334	4172743	72.74247	GAS-VENT
595354	4172743	121.34666	GAS-VENT
595374	4172743	238.44419	GAS-VENT
595534	4172743	38.39753	GAS-VENT
595554	4172743	31.36674	GAS-VENT
595574	4172743	26.11362	GAS-VENT
595594	4172743	22.18485	GAS-VENT
595614	4172743	19.12049	GAS-VENT
595634	4172743	16.65727	GAS-VENT
595654	4172743	14.56134	GAS-VENT
595674	4172743	12.99266	GAS-VENT
595694	4172743	11.60151	GAS-VENT
595714	4172743	10.4455	GAS-VENT
595734	4172743	9.45331	GAS-VENT
595754	4172743	8.59066	GAS-VENT
595774	4172743	7.82686	GAS-VENT
595794	4172743	7.18805	GAS-VENT
595814	4172743	6.63177	GAS-VENT
595834	4172743	6.14063	GAS-VENT
595274	4172763	20.9793	GAS-VENT
595294	4172763	26.42874	GAS-VENT
595314	4172763	34.43978	GAS-VENT
595334	4172763	48.069	GAS-VENT
595354	4172763	72.72497	GAS-VENT
595374	4172763	113.53788	GAS-VENT
595394	4172763	160.52139	GAS-VENT
595414	4172763	154.1272	GAS-VENT
595534	4172763	33.79621	GAS-VENT
595554	4172763	27.98252	GAS-VENT
595574	4172763	23.60501	GAS-VENT
595594	4172763	20.20031	GAS-VENT
595614	4172763	17.48075	GAS-VENT
595634	4172763	15.30661	GAS-VENT
595654	4172763	13.55515	GAS-VENT
595674	4172763	12.09521	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172763	10.85315	GAS-VENT
595714	4172763	9.8149	GAS-VENT
595734	4172763	8.91272	GAS-VENT
595754	4172763	8.12331	GAS-VENT
595774	4172763	7.43352	GAS-VENT
595794	4172763	6.84344	GAS-VENT
595814	4172763	6.32703	GAS-VENT
594934	4172783	2.86229	GAS-VENT
594954	4172783	3.03605	GAS-VENT
594974	4172783	3.23643	GAS-VENT
595274	4172783	16.83702	GAS-VENT
595294	4172783	21.01779	GAS-VENT
595314	4172783	27.18351	GAS-VENT
595334	4172783	35.71323	GAS-VENT
595354	4172783	47.2349	GAS-VENT
595374	4172783	65.91877	GAS-VENT
595394	4172783	85.86006	GAS-VENT
595414	4172783	91.32313	GAS-VENT
595434	4172783	82.8975	GAS-VENT
595454	4172783	69.39463	GAS-VENT
595514	4172783	36.44952	GAS-VENT
595534	4172783	30.01914	GAS-VENT
595554	4172783	25.11815	GAS-VENT
595574	4172783	21.37252	GAS-VENT
595594	4172783	18.39934	GAS-VENT
595614	4172783	16.04696	GAS-VENT
595634	4172783	14.12608	GAS-VENT
595654	4172783	12.54636	GAS-VENT
595674	4172783	11.21576	GAS-VENT
595694	4172783	10.10648	GAS-VENT
595714	4172783	9.19486	GAS-VENT
595734	4172783	8.38505	GAS-VENT
595754	4172783	7.67735	GAS-VENT
595774	4172783	7.06116	GAS-VENT
595794	4172783	6.51827	GAS-VENT
595814	4172783	6.02919	GAS-VENT
594894	4172803	2.2733	GAS-VENT
594914	4172803	2.40065	GAS-VENT
594934	4172803	2.54276	GAS-VENT
594954	4172803	2.69505	GAS-VENT
594974	4172803	2.86563	GAS-VENT
595274	4172803	14.16052	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595294	4172803	17.16629	GAS-VENT
595314	4172803	21.29792	GAS-VENT
595334	4172803	27.02611	GAS-VENT
595354	4172803	33.98786	GAS-VENT
595374	4172803	44.02812	GAS-VENT
595394	4172803	54.17049	GAS-VENT
595414	4172803	59.25024	GAS-VENT
595434	4172803	57.70299	GAS-VENT
595454	4172803	52.06155	GAS-VENT
595474	4172803	45.07732	GAS-VENT
595494	4172803	38.16699	GAS-VENT
595514	4172803	32.04192	GAS-VENT
595534	4172803	26.92015	GAS-VENT
595554	4172803	22.80123	GAS-VENT
595574	4172803	19.55311	GAS-VENT
595594	4172803	16.91628	GAS-VENT
595614	4172803	14.81815	GAS-VENT
595634	4172803	13.0975	GAS-VENT
595654	4172803	11.67068	GAS-VENT
595674	4172803	10.47526	GAS-VENT
595694	4172803	9.44798	GAS-VENT
595714	4172803	8.57726	GAS-VENT
595734	4172803	7.85021	GAS-VENT
595754	4172803	7.21136	GAS-VENT
595774	4172803	6.65087	GAS-VENT
595794	4172803	6.15339	GAS-VENT
595814	4172803	5.71242	GAS-VENT
594874	4172823	1.95365	GAS-VENT
594894	4172823	2.05752	GAS-VENT
594914	4172823	2.17044	GAS-VENT
594934	4172823	2.29346	GAS-VENT
594954	4172823	2.42705	GAS-VENT
595254	4172823	10.30467	GAS-VENT
595274	4172823	12.09687	GAS-VENT
595294	4172823	14.35876	GAS-VENT
595314	4172823	17.34197	GAS-VENT
595334	4172823	20.89473	GAS-VENT
595354	4172823	25.55728	GAS-VENT
595374	4172823	31.76753	GAS-VENT
595394	4172823	37.66684	GAS-VENT
595414	4172823	41.28126	GAS-VENT
595434	4172823	41.78856	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595454	4172823	39.65239	GAS-VENT
595474	4172823	36.00446	GAS-VENT
595494	4172823	31.88448	GAS-VENT
595514	4172823	27.78266	GAS-VENT
595534	4172823	24.04773	GAS-VENT
595554	4172823	20.79047	GAS-VENT
595574	4172823	18.0303	GAS-VENT
595594	4172823	15.72085	GAS-VENT
595614	4172823	13.82576	GAS-VENT
595634	4172823	12.24901	GAS-VENT
595654	4172823	10.94037	GAS-VENT
595674	4172823	9.83891	GAS-VENT
595694	4172823	8.86028	GAS-VENT
595714	4172823	8.05985	GAS-VENT
595734	4172823	7.39091	GAS-VENT
595754	4172823	6.8001	GAS-VENT
595774	4172823	6.28197	GAS-VENT
595794	4172823	5.82435	GAS-VENT
595814	4172823	5.41563	GAS-VENT
594874	4172843	1.79497	GAS-VENT
594894	4172843	1.88415	GAS-VENT
594914	4172843	1.98638	GAS-VENT
594934	4172843	2.09754	GAS-VENT
594954	4172843	2.21763	GAS-VENT
595254	4172843	9.03067	GAS-VENT
595274	4172843	10.46348	GAS-VENT
595294	4172843	12.18025	GAS-VENT
595314	4172843	14.32146	GAS-VENT
595334	4172843	16.74379	GAS-VENT
595354	4172843	20.02803	GAS-VENT
595374	4172843	24.00145	GAS-VENT
595394	4172843	27.78931	GAS-VENT
595414	4172843	30.49834	GAS-VENT
595434	4172843	31.45407	GAS-VENT
595454	4172843	30.80174	GAS-VENT
595474	4172843	28.93635	GAS-VENT
595494	4172843	26.55863	GAS-VENT
595514	4172843	23.92271	GAS-VENT
595534	4172843	21.26285	GAS-VENT
595554	4172843	18.79664	GAS-VENT
595574	4172843	16.59813	GAS-VENT
595594	4172843	14.65167	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172843	12.96036	GAS-VENT
595634	4172843	11.54382	GAS-VENT
595654	4172843	10.33657	GAS-VENT
595674	4172843	9.30836	GAS-VENT
595694	4172843	8.34731	GAS-VENT
595714	4172843	7.65163	GAS-VENT
595734	4172843	7.01399	GAS-VENT
595754	4172843	6.45909	GAS-VENT
595774	4172843	5.97284	GAS-VENT
595794	4172843	5.54405	GAS-VENT
595814	4172843	5.16234	GAS-VENT
594854	4172863	1.58738	GAS-VENT
594874	4172863	1.66589	GAS-VENT
594894	4172863	1.74689	GAS-VENT
594914	4172863	1.83822	GAS-VENT
594934	4172863	1.94224	GAS-VENT
595234	4172863	7.025	GAS-VENT
595254	4172863	7.95599	GAS-VENT
595274	4172863	9.069	GAS-VENT
595294	4172863	10.43437	GAS-VENT
595314	4172863	11.95775	GAS-VENT
595334	4172863	13.80614	GAS-VENT
595354	4172863	16.14194	GAS-VENT
595374	4172863	18.88349	GAS-VENT
595394	4172863	21.4106	GAS-VENT
595414	4172863	23.41102	GAS-VENT
595434	4172863	24.43466	GAS-VENT
595454	4172863	24.45701	GAS-VENT
595474	4172863	23.57764	GAS-VENT
595494	4172863	22.18317	GAS-VENT
595514	4172863	20.48577	GAS-VENT
595534	4172863	18.65533	GAS-VENT
595554	4172863	16.86578	GAS-VENT
595574	4172863	15.19097	GAS-VENT
595594	4172863	13.61496	GAS-VENT
595614	4172863	12.20016	GAS-VENT
595634	4172863	10.90845	GAS-VENT
595654	4172863	9.81068	GAS-VENT
595674	4172863	8.84323	GAS-VENT
595694	4172863	7.99451	GAS-VENT
595714	4172863	7.30656	GAS-VENT
595734	4172863	6.7006	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172863	6.17229	GAS-VENT
595774	4172863	5.70926	GAS-VENT
595794	4172863	5.30111	GAS-VENT
594854	4172883	1.48498	GAS-VENT
594874	4172883	1.55665	GAS-VENT
594894	4172883	1.63446	GAS-VENT
594914	4172883	1.72055	GAS-VENT
595234	4172883	6.3074	GAS-VENT
595254	4172883	7.07181	GAS-VENT
595274	4172883	7.95248	GAS-VENT
595294	4172883	8.97419	GAS-VENT
595314	4172883	10.11918	GAS-VENT
595334	4172883	11.59333	GAS-VENT
595354	4172883	13.38747	GAS-VENT
595374	4172883	15.33186	GAS-VENT
595394	4172883	17.11255	GAS-VENT
595414	4172883	18.59294	GAS-VENT
595434	4172883	19.54814	GAS-VENT
595454	4172883	19.75396	GAS-VENT
595474	4172883	19.39905	GAS-VENT
595494	4172883	18.60133	GAS-VENT
595514	4172883	17.55936	GAS-VENT
595534	4172883	16.33039	GAS-VENT
595554	4172883	15.05868	GAS-VENT
595574	4172883	13.79181	GAS-VENT
595594	4172883	12.53799	GAS-VENT
595614	4172883	11.36942	GAS-VENT
595634	4172883	10.30029	GAS-VENT
595654	4172883	9.33949	GAS-VENT
595674	4172883	8.38782	GAS-VENT
595694	4172883	7.67194	GAS-VENT
595714	4172883	7.0162	GAS-VENT
595734	4172883	6.4404	GAS-VENT
595754	4172883	5.93491	GAS-VENT
595774	4172883	5.49037	GAS-VENT
595794	4172883	5.09739	GAS-VENT
594854	4172903	1.40176	GAS-VENT
594874	4172903	1.46986	GAS-VENT
594894	4172903	1.54389	GAS-VENT
594914	4172903	1.62615	GAS-VENT
595234	4172903	5.69343	GAS-VENT
595254	4172903	6.32073	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595274	4172903	7.0229	GAS-VENT
595294	4172903	7.81106	GAS-VENT
595314	4172903	8.72006	GAS-VENT
595334	4172903	9.87503	GAS-VENT
595354	4172903	11.19482	GAS-VENT
595374	4172903	12.64331	GAS-VENT
595394	4172903	14.04824	GAS-VENT
595414	4172903	15.19412	GAS-VENT
595434	4172903	15.96378	GAS-VENT
595454	4172903	16.27656	GAS-VENT
595474	4172903	16.16669	GAS-VENT
595494	4172903	15.73749	GAS-VENT
595514	4172903	15.06494	GAS-VENT
595534	4172903	14.24719	GAS-VENT
595554	4172903	13.36623	GAS-VENT
595574	4172903	12.43177	GAS-VENT
595594	4172903	11.46497	GAS-VENT
595614	4172903	10.53401	GAS-VENT
595634	4172903	9.66061	GAS-VENT
595654	4172903	8.83723	GAS-VENT
595674	4172903	8.00033	GAS-VENT
595694	4172903	7.36034	GAS-VENT
595714	4172903	6.75508	GAS-VENT
595734	4172903	6.21458	GAS-VENT
595754	4172903	5.73389	GAS-VENT
595774	4172903	5.30733	GAS-VENT
595794	4172903	4.92837	GAS-VENT
594854	4172923	1.33274	GAS-VENT
594874	4172923	1.39881	GAS-VENT
594894	4172923	1.47053	GAS-VENT
594914	4172923	1.55063	GAS-VENT
595254	4172923	5.67776	GAS-VENT
595274	4172923	6.23703	GAS-VENT
595294	4172923	6.86124	GAS-VENT
595314	4172923	7.60901	GAS-VENT
595334	4172923	8.53593	GAS-VENT
595354	4172923	9.55104	GAS-VENT
595374	4172923	10.63354	GAS-VENT
595394	4172923	11.67746	GAS-VENT
595414	4172923	12.59481	GAS-VENT
595434	4172923	13.2793	GAS-VENT
595454	4172923	13.63512	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4172923	13.67409	GAS-VENT
595494	4172923	13.43171	GAS-VENT
595514	4172923	13.01116	GAS-VENT
595534	4172923	12.45839	GAS-VENT
595554	4172923	11.84605	GAS-VENT
595574	4172923	11.15256	GAS-VENT
595594	4172923	10.43014	GAS-VENT
595614	4172923	9.71824	GAS-VENT
595634	4172923	9.00788	GAS-VENT
595654	4172923	8.24823	GAS-VENT
595674	4172923	7.6322	GAS-VENT
595694	4172923	7.04372	GAS-VENT
595714	4172923	6.49951	GAS-VENT
595734	4172923	6.00274	GAS-VENT
595754	4172923	5.55287	GAS-VENT
595774	4172923	5.14773	GAS-VENT
595314	4172943	6.71368	GAS-VENT
595334	4172943	7.44585	GAS-VENT
595354	4172943	8.26386	GAS-VENT
595374	4172943	9.10606	GAS-VENT
595394	4172943	9.92862	GAS-VENT
595414	4172943	10.64138	GAS-VENT
595434	4172943	11.20457	GAS-VENT
595454	4172943	11.55455	GAS-VENT
595474	4172943	11.67575	GAS-VENT
595494	4172943	11.58902	GAS-VENT
595514	4172943	11.33414	GAS-VENT
595534	4172943	10.9615	GAS-VENT
595554	4172943	10.51339	GAS-VENT
595574	4172943	9.99547	GAS-VENT
595594	4172943	9.46025	GAS-VENT
595614	4172943	8.91122	GAS-VENT
595634	4172943	8.34631	GAS-VENT
595654	4172943	7.6937	GAS-VENT
595674	4172943	7.19631	GAS-VENT
595694	4172943	6.70977	GAS-VENT
595714	4172943	6.23279	GAS-VENT
595734	4172943	5.78733	GAS-VENT
595754	4172943	5.37534	GAS-VENT
595774	4172943	4.99754	GAS-VENT
595314	4172963	5.9631	GAS-VENT
595334	4172963	6.58012	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595354	4172963	7.23394	GAS-VENT
595374	4172963	7.90235	GAS-VENT
595394	4172963	8.54524	GAS-VENT
595414	4172963	9.12339	GAS-VENT
595434	4172963	9.60048	GAS-VENT
595454	4172963	9.92197	GAS-VENT
595474	4172963	10.06157	GAS-VENT
595494	4172963	10.06063	GAS-VENT
595514	4172963	9.91898	GAS-VENT
595534	4172963	9.67489	GAS-VENT
595554	4172963	9.35577	GAS-VENT
595574	4172963	8.98148	GAS-VENT
595594	4172963	8.57374	GAS-VENT
595614	4172963	8.1492	GAS-VENT
595634	4172963	7.65989	GAS-VENT
595654	4172963	7.19764	GAS-VENT
595674	4172963	6.77034	GAS-VENT
595694	4172963	6.34872	GAS-VENT
595714	4172963	5.94053	GAS-VENT
595734	4172963	5.55205	GAS-VENT
595754	4172963	5.185	GAS-VENT
595314	4172983	5.34339	GAS-VENT
595334	4172983	5.85199	GAS-VENT
595354	4172983	6.38845	GAS-VENT
595374	4172983	6.92885	GAS-VENT
595394	4172983	7.45254	GAS-VENT
595414	4172983	7.92557	GAS-VENT
595434	4172983	8.32956	GAS-VENT
595454	4172983	8.62347	GAS-VENT
595474	4172983	8.77775	GAS-VENT
595494	4172983	8.81912	GAS-VENT
595514	4172983	8.73584	GAS-VENT
595534	4172983	8.57735	GAS-VENT
595554	4172983	8.35629	GAS-VENT
595574	4172983	8.07298	GAS-VENT
595594	4172983	7.76698	GAS-VENT
595614	4172983	7.443	GAS-VENT
595634	4172983	7.00863	GAS-VENT
595654	4172983	6.69823	GAS-VENT
595674	4172983	6.34749	GAS-VENT
595694	4172983	5.99855	GAS-VENT
595714	4172983	5.65509	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172983	5.32052	GAS-VENT
595754	4172983	4.998	GAS-VENT
595314	4173003	4.82795	GAS-VENT
595334	4173003	5.23919	GAS-VENT
595354	4173003	5.68282	GAS-VENT
595374	4173003	6.12944	GAS-VENT
595394	4173003	6.55663	GAS-VENT
595414	4173003	6.95403	GAS-VENT
595434	4173003	7.29797	GAS-VENT
595454	4173003	7.56472	GAS-VENT
595474	4173003	7.72532	GAS-VENT
595494	4173003	7.78806	GAS-VENT
595514	4173003	7.75613	GAS-VENT
595534	4173003	7.65429	GAS-VENT
595554	4173003	7.49661	GAS-VENT
595574	4173003	7.28413	GAS-VENT
595594	4173003	7.05262	GAS-VENT
595614	4173003	6.7803	GAS-VENT
595634	4173003	6.47407	GAS-VENT
595654	4173003	6.20657	GAS-VENT
595674	4173003	5.92118	GAS-VENT
595694	4173003	5.63387	GAS-VENT
595714	4173003	5.3474	GAS-VENT
595734	4173003	5.06425	GAS-VENT
595294	4173023	4.04437	GAS-VENT
595314	4173023	4.36764	GAS-VENT
595334	4173023	4.7254	GAS-VENT
595354	4173023	5.09596	GAS-VENT
595374	4173023	5.46559	GAS-VENT
595394	4173023	5.82369	GAS-VENT
595414	4173023	6.15801	GAS-VENT
595434	4173023	6.44691	GAS-VENT
595454	4173023	6.68301	GAS-VENT
595474	4173023	6.84437	GAS-VENT
595494	4173023	6.9272	GAS-VENT
595514	4173023	6.92758	GAS-VENT
595534	4173023	6.86671	GAS-VENT
595554	4173023	6.75411	GAS-VENT
595574	4173023	6.60024	GAS-VENT
595594	4173023	6.42515	GAS-VENT
595614	4173023	6.15721	GAS-VENT
595634	4173023	5.97312	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4173023	5.74751	GAS-VENT
595674	4173023	5.51453	GAS-VENT
595694	4173023	5.27768	GAS-VENT
595714	4173023	5.0393	GAS-VENT
595294	4173043	3.7057	GAS-VENT
595314	4173043	3.984	GAS-VENT
595334	4173043	4.28784	GAS-VENT
595354	4173043	4.59907	GAS-VENT
595374	4173043	4.90992	GAS-VENT
595394	4173043	5.21141	GAS-VENT
595414	4173043	5.49108	GAS-VENT
595434	4173043	5.74279	GAS-VENT
595454	4173043	5.95252	GAS-VENT
595474	4173043	6.10506	GAS-VENT
595494	4173043	6.19774	GAS-VENT
595514	4173043	6.21934	GAS-VENT
595534	4173043	6.18475	GAS-VENT
595554	4173043	6.10967	GAS-VENT
595574	4173043	6.00076	GAS-VENT
595594	4173043	5.86247	GAS-VENT
595614	4173043	5.65321	GAS-VENT
595634	4173043	5.50688	GAS-VENT
595654	4173043	5.324	GAS-VENT
595674	4173043	5.13306	GAS-VENT
595694	4173043	4.93707	GAS-VENT
595294	4173063	3.40866	GAS-VENT
595314	4173063	3.65124	GAS-VENT
595334	4173063	3.90982	GAS-VENT
595354	4173063	4.17458	GAS-VENT
595374	4173063	4.43771	GAS-VENT
595394	4173063	4.68938	GAS-VENT
595414	4173063	4.92816	GAS-VENT
595434	4173063	5.14783	GAS-VENT
595454	4173063	5.33897	GAS-VENT
595474	4173063	5.48435	GAS-VENT
595494	4173063	5.58072	GAS-VENT
595514	4173063	5.6165	GAS-VENT
595534	4173063	5.60129	GAS-VENT
595554	4173063	5.55282	GAS-VENT
595574	4173063	5.46869	GAS-VENT
595594	4173063	5.34042	GAS-VENT
595614	4173063	5.21335	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4173063	5.08452	GAS-VENT
595654	4173063	4.9361	GAS-VENT
595354	4173083	3.80725	GAS-VENT
595374	4173083	4.02862	GAS-VENT
595394	4173083	4.24374	GAS-VENT
595414	4173083	4.45041	GAS-VENT
595434	4173083	4.64361	GAS-VENT
595454	4173083	4.81708	GAS-VENT
595474	4173083	4.95543	GAS-VENT
595494	4173083	5.05692	GAS-VENT
595514	4173083	5.10328	GAS-VENT
595534	4173083	5.09498	GAS-VENT
595554	4173083	5.06809	GAS-VENT
595574	4173083	5.00467	GAS-VENT
595594	4173083	4.92418	GAS-VENT
595614	4173083	4.78503	GAS-VENT
595334	4173103	3.29044	GAS-VENT
595354	4173103	3.48548	GAS-VENT
595374	4173103	3.67564	GAS-VENT
595394	4173103	3.86122	GAS-VENT
595414	4173103	4.04141	GAS-VENT
595434	4173103	4.21228	GAS-VENT
595454	4173103	4.37042	GAS-VENT
595474	4173103	4.5014	GAS-VENT
595494	4173103	4.59804	GAS-VENT
595514	4173103	4.63634	GAS-VENT
595534	4173103	4.65524	GAS-VENT
595334	4173123	3.03393	GAS-VENT
595354	4173123	3.20243	GAS-VENT
595374	4173123	3.36831	GAS-VENT
595394	4173123	3.53072	GAS-VENT
595414	4173123	3.69033	GAS-VENT
595434	4173123	3.84285	GAS-VENT
595454	4173123	3.98588	GAS-VENT
595474	4173123	4.10926	GAS-VENT
595494	4173123	4.19842	GAS-VENT
595514	4173123	4.24028	GAS-VENT
595354	4173143	2.95542	GAS-VENT
595374	4173143	3.10179	GAS-VENT
595394	4173143	3.24747	GAS-VENT
595414	4173143	3.39863	GAS-VENT
595434	4173143	3.53218	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4173143	3.8384	GAS-VENT
595354	4173163	2.74171	GAS-VENT
595374	4173163	2.8698	GAS-VENT
595394	4173163	2.99716	GAS-VENT
595414	4173163	3.12842	GAS-VENT
595434	4173163	3.24687	GAS-VENT
595374	4173183	2.66393	GAS-VENT
595394	4173183	2.77619	GAS-VENT
595414	4173183	2.88754	GAS-VENT
595434	4173183	2.99457	GAS-VENT
595203.12	4172931.43	4.34347	GAS-VENT
595305.29	4173022.49	4.23082	GAS-VENT
596059.85	4172738.92	3.08489	GAS-VENT
595782.4	4171913.24	0.83375	GAS-VENT
595790.49	4171877.76	0.76074	GAS-VENT
595826.59	4171700.37	0.5109	GAS-VENT
595857.85	4171568.4	0.40194	GAS-VENT
595427.66	4172811.08	51.00602	GAS-VENT
595616.96	4172890.78	10.89489	GAS-VENT
595465.61	4172972.42	9.37728	GAS-VENT
595413.93	4172953.11	9.82682	GAS-VENT
595207.62	4172857.58	6.16855	GAS-VENT
595229.35	4172793.73	10.2566	GAS-VENT
595251.41	4172717.21	34.99458	GAS-VENT
595276.16	4172654.64	54.32823	GAS-VENT
595286.24	4171790.65	0.50093	GAS-VENT
595306.24	4171790.65	0.50056	GAS-VENT
595326.24	4171790.65	0.50041	GAS-VENT
595266.24	4171810.65	0.52044	GAS-VENT
595286.24	4171810.65	0.51979	GAS-VENT
595306.24	4171810.65	0.5199	GAS-VENT
595326.24	4171810.65	0.51959	GAS-VENT
595246.24	4171830.65	0.54137	GAS-VENT
595266.24	4171830.65	0.54064	GAS-VENT
595286.24	4171830.65	0.54019	GAS-VENT
595306.24	4171830.65	0.54017	GAS-VENT
595326.24	4171830.65	0.54004	GAS-VENT
595226.24	4171850.65	0.56373	GAS-VENT
595246.24	4171850.65	0.56337	GAS-VENT
595266.24	4171850.65	0.56274	GAS-VENT
595286.24	4171850.65	0.56223	GAS-VENT
595306.24	4171850.65	0.56193	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595326.24	4171850.65	0.56179	GAS-VENT
595206.24	4171870.65	0.58858	GAS-VENT
595226.24	4171870.65	0.58753	GAS-VENT
595246.24	4171870.65	0.58665	GAS-VENT
595266.24	4171870.65	0.58581	GAS-VENT
595286.24	4171870.65	0.58534	GAS-VENT
595306.24	4171870.65	0.58505	GAS-VENT
595186.24	4171890.65	0.61558	GAS-VENT
595206.24	4171890.65	0.61386	GAS-VENT
595226.24	4171890.65	0.61247	GAS-VENT
595246.24	4171890.65	0.61148	GAS-VENT
595266.24	4171890.65	0.61064	GAS-VENT
595286.24	4171890.65	0.61012	GAS-VENT
595306.24	4171890.65	0.6098	GAS-VENT
595186.24	4171910.65	0.64269	GAS-VENT
595206.24	4171910.65	0.64063	GAS-VENT
595226.24	4171910.65	0.63917	GAS-VENT
595246.24	4171910.65	0.63815	GAS-VENT
595266.24	4171910.65	0.63736	GAS-VENT
595286.24	4171910.65	0.63655	GAS-VENT
595306.24	4171910.65	0.63631	GAS-VENT
595166.24	4171930.65	0.67486	GAS-VENT
595186.24	4171930.65	0.67184	GAS-VENT
595206.24	4171930.65	0.66971	GAS-VENT
595226.24	4171930.65	0.66782	GAS-VENT
595246.24	4171930.65	0.66686	GAS-VENT
595266.24	4171930.65	0.66578	GAS-VENT
595286.24	4171930.65	0.66502	GAS-VENT
595166.24	4171950.65	0.70697	GAS-VENT
595186.24	4171950.65	0.70332	GAS-VENT
595206.24	4171950.65	0.70069	GAS-VENT
595226.24	4171950.65	0.69842	GAS-VENT
595246.24	4171950.65	0.69734	GAS-VENT
595266.24	4171950.65	0.69629	GAS-VENT
595286.24	4171950.65	0.69568	GAS-VENT
595146.24	4171970.65	0.74638	GAS-VENT
595166.24	4171970.65	0.741	GAS-VENT
595186.24	4171970.65	0.73711	GAS-VENT
595206.24	4171970.65	0.73409	GAS-VENT
595226.24	4171970.65	0.7317	GAS-VENT
595246.24	4171970.65	0.73062	GAS-VENT
595266.24	4171970.65	0.72939	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595146.24	4171990.65	0.78465	GAS-VENT
595166.24	4171990.65	0.77853	GAS-VENT
595186.24	4171990.65	0.77394	GAS-VENT
595206.24	4171990.65	0.77035	GAS-VENT
595852.66	4171825.33	0.71512	GAS-VENT
595852.66	4171845.33	0.75533	GAS-VENT
595852.66	4171865.33	0.79914	GAS-VENT
595872.66	4171865.33	0.82087	GAS-VENT
595892.66	4171865.33	0.84279	GAS-VENT
595832.66	4171885.33	0.82394	GAS-VENT
595852.66	4171885.33	0.84694	GAS-VENT
595872.66	4171885.33	0.87023	GAS-VENT
595892.66	4171885.33	0.89358	GAS-VENT
595832.66	4171905.33	0.87413	GAS-VENT
595852.66	4171905.33	0.8992	GAS-VENT
595872.66	4171905.33	0.92419	GAS-VENT
595892.66	4171905.33	0.9487	GAS-VENT
595912.66	4171905.33	0.97252	GAS-VENT
595832.66	4171925.33	0.92871	GAS-VENT
595852.66	4171925.33	0.95543	GAS-VENT
595872.66	4171925.33	0.98191	GAS-VENT
595892.66	4171925.33	1.00814	GAS-VENT
595912.66	4171925.33	1.03363	GAS-VENT
595852.66	4171945.33	1.01758	GAS-VENT
595872.66	4171945.33	1.04526	GAS-VENT
595892.66	4171945.33	1.07234	GAS-VENT
595912.66	4171945.33	1.09867	GAS-VENT
595932.66	4171945.33	1.12393	GAS-VENT
595102.43	4172101.44	1.11004	GAS-VENT
595122.43	4172101.44	1.09234	GAS-VENT
595142.43	4172101.44	1.07659	GAS-VENT
595102.43	4172121.44	1.18532	GAS-VENT
595122.43	4172121.44	1.16503	GAS-VENT
595142.43	4172121.44	1.14731	GAS-VENT
595082.43	4172141.44	1.29286	GAS-VENT
595102.43	4172141.44	1.26903	GAS-VENT
595122.43	4172141.44	1.24669	GAS-VENT
595142.43	4172141.44	1.22625	GAS-VENT
595082.43	4172161.44	1.3897	GAS-VENT
595102.43	4172161.44	1.36426	GAS-VENT
595122.43	4172161.44	1.33827	GAS-VENT
595142.43	4172161.44	1.31466	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595082.43	4172181.44	1.4981	GAS-VENT
595102.43	4172181.44	1.4693	GAS-VENT
595122.43	4172181.44	1.44089	GAS-VENT
595142.43	4172181.44	1.41378	GAS-VENT
595062.43	4172201.44	1.65138	GAS-VENT
595082.43	4172201.44	1.61959	GAS-VENT
595102.43	4172201.44	1.5881	GAS-VENT
595122.43	4172201.44	1.55607	GAS-VENT
595142.43	4172201.44	1.5254	GAS-VENT
595162.43	4172201.44	1.49642	GAS-VENT
595062.43	4172221.44	1.79157	GAS-VENT
595082.43	4172221.44	1.75687	GAS-VENT
595102.43	4172221.44	1.72231	GAS-VENT
595122.43	4172221.44	1.68596	GAS-VENT
595142.43	4172221.44	1.65092	GAS-VENT
595162.43	4172221.44	1.6174	GAS-VENT
595062.43	4172241.44	1.95106	GAS-VENT
595082.43	4172241.44	1.91359	GAS-VENT
595102.43	4172241.44	1.87413	GAS-VENT
595122.43	4172241.44	1.83399	GAS-VENT
595142.43	4172241.44	1.7956	GAS-VENT
595162.43	4172241.44	1.75853	GAS-VENT
595062.43	4172261.44	2.13332	GAS-VENT
595082.43	4172261.44	2.09371	GAS-VENT
595102.43	4172261.44	2.04704	GAS-VENT
595122.43	4172261.44	2.00265	GAS-VENT
595142.43	4172261.44	1.96048	GAS-VENT
595042.43	4172281.44	2.3776	GAS-VENT
595062.43	4172281.44	2.33939	GAS-VENT
595082.43	4172281.44	2.29706	GAS-VENT
595102.43	4172281.44	2.24458	GAS-VENT
595122.43	4172281.44	2.20014	GAS-VENT
595142.43	4172281.44	2.14979	GAS-VENT
595162.43	4172281.44	2.09851	GAS-VENT
595042.43	4172301.44	2.6118	GAS-VENT
595062.43	4172301.44	2.57429	GAS-VENT
595082.43	4172301.44	2.52774	GAS-VENT
595102.43	4172301.44	2.47434	GAS-VENT
595122.43	4172301.44	2.42282	GAS-VENT
595142.43	4172301.44	2.36734	GAS-VENT
595162.43	4172301.44	2.31047	GAS-VENT
595042.43	4172321.44	2.87895	GAS-VENT

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595062.43	4172321.44	2.8433	GAS-VENT
595082.43	4172321.44	2.78772	GAS-VENT
595102.43	4172321.44	2.73826	GAS-VENT
595122.43	4172321.44	2.68085	GAS-VENT
595142.43	4172321.44	2.6216	GAS-VENT
595162.43	4172321.44	2.5564	GAS-VENT
595022.43	4172341.44	3.20091	GAS-VENT
595042.43	4172341.44	3.18085	GAS-VENT
595062.43	4172341.44	3.1489	GAS-VENT
595082.43	4172341.44	3.1038	GAS-VENT
595102.43	4172341.44	3.04764	GAS-VENT
595122.43	4172341.44	2.98296	GAS-VENT
595142.43	4172341.44	2.91853	GAS-VENT
595162.43	4172341.44	2.84573	GAS-VENT
595509.2	4172311.1	2.39255	GAS-VENT
595453.66	4172369.33	2.94925	GAS-VENT
595568.33	4173021.18	6.70562	GAS-VENT
595515	4172097	1.04855	GAS-VENT
595271.59	4172931.11	5.88468	GAS-VENT
595259.54	4172956.67	4.87587	GAS-VENT
595229.53	4172979.48	3.89871	GAS-VENT
595158.78	4172948.61	3.34684	GAS-VENT
595424.36	4172061.47	0.91656	GAS-VENT
595637.78	4172033.56	0.97993	GAS-VENT
595497.98	4172569.45	22.10959	GAS-VENT
595440.32	4172695.89	239.74556	GAS-VENT
595531.7	4172736.24	41.05146	GAS-VENT
595503.43	4172797.49	36.66819	GAS-VENT
595293.61	4172706.67	76.91202	GAS-VENT
595216.89	4172907.31	5.11319	GAS-VENT
595554	4171743	0.18618	GAS-SPIL
595574	4171743	0.18762	GAS-SPIL
595594	4171743	0.18717	GAS-SPIL
595614	4171743	0.18637	GAS-SPIL
595634	4171743	0.1846	GAS-SPIL
595654	4171743	0.18317	GAS-SPIL
595674	4171743	0.18177	GAS-SPIL
595694	4171743	0.18101	GAS-SPIL
595714	4171743	0.18014	GAS-SPIL
595534	4171763	0.19277	GAS-SPIL
595554	4171763	0.19319	GAS-SPIL
595574	4171763	0.19448	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4171763	0.19393	GAS-SPIL
595614	4171763	0.19295	GAS-SPIL
595634	4171763	0.1914	GAS-SPIL
595654	4171763	0.18962	GAS-SPIL
595674	4171763	0.18831	GAS-SPIL
595694	4171763	0.18714	GAS-SPIL
595714	4171763	0.18719	GAS-SPIL
595734	4171763	0.18865	GAS-SPIL
595754	4171763	0.18979	GAS-SPIL
595774	4171763	0.19115	GAS-SPIL
595314	4171783	0.20122	GAS-SPIL
595334	4171783	0.2016	GAS-SPIL
595534	4171783	0.19965	GAS-SPIL
595554	4171783	0.20073	GAS-SPIL
595574	4171783	0.20116	GAS-SPIL
595594	4171783	0.20033	GAS-SPIL
595614	4171783	0.199	GAS-SPIL
595634	4171783	0.19824	GAS-SPIL
595654	4171783	0.19653	GAS-SPIL
595674	4171783	0.19536	GAS-SPIL
595694	4171783	0.19407	GAS-SPIL
595714	4171783	0.19526	GAS-SPIL
595734	4171783	0.1963	GAS-SPIL
595754	4171783	0.19748	GAS-SPIL
595774	4171783	0.19906	GAS-SPIL
595794	4171783	0.20037	GAS-SPIL
595274	4171803	0.20812	GAS-SPIL
595294	4171803	0.20843	GAS-SPIL
595314	4171803	0.20907	GAS-SPIL
595334	4171803	0.20934	GAS-SPIL
595534	4171803	0.20746	GAS-SPIL
595554	4171803	0.20841	GAS-SPIL
595574	4171803	0.20955	GAS-SPIL
595594	4171803	0.20874	GAS-SPIL
595614	4171803	0.20726	GAS-SPIL
595634	4171803	0.2055	GAS-SPIL
595654	4171803	0.20331	GAS-SPIL
595674	4171803	0.20209	GAS-SPIL
595694	4171803	0.20177	GAS-SPIL
595714	4171803	0.2033	GAS-SPIL
595734	4171803	0.20442	GAS-SPIL
595754	4171803	0.20564	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4171803	0.20741	GAS-SPIL
595794	4171803	0.20866	GAS-SPIL
595814	4171803	0.20972	GAS-SPIL
595254	4171823	0.21686	GAS-SPIL
595274	4171823	0.21626	GAS-SPIL
595294	4171823	0.21658	GAS-SPIL
595314	4171823	0.21738	GAS-SPIL
595334	4171823	0.21775	GAS-SPIL
595514	4171823	0.21514	GAS-SPIL
595534	4171823	0.21584	GAS-SPIL
595554	4171823	0.21688	GAS-SPIL
595574	4171823	0.21736	GAS-SPIL
595594	4171823	0.2164	GAS-SPIL
595614	4171823	0.21502	GAS-SPIL
595634	4171823	0.2132	GAS-SPIL
595654	4171823	0.21171	GAS-SPIL
595674	4171823	0.21086	GAS-SPIL
595694	4171823	0.21011	GAS-SPIL
595714	4171823	0.21194	GAS-SPIL
595734	4171823	0.21325	GAS-SPIL
595754	4171823	0.21476	GAS-SPIL
595774	4171823	0.21627	GAS-SPIL
595794	4171823	0.21747	GAS-SPIL
595814	4171823	0.21861	GAS-SPIL
595834	4171823	0.22006	GAS-SPIL
595854	4171823	0.22208	GAS-SPIL
595234	4171843	0.22795	GAS-SPIL
595254	4171843	0.22613	GAS-SPIL
595274	4171843	0.22544	GAS-SPIL
595294	4171843	0.22565	GAS-SPIL
595314	4171843	0.22619	GAS-SPIL
595334	4171843	0.22671	GAS-SPIL
595514	4171843	0.22377	GAS-SPIL
595534	4171843	0.22475	GAS-SPIL
595554	4171843	0.22547	GAS-SPIL
595574	4171843	0.2264	GAS-SPIL
595594	4171843	0.22484	GAS-SPIL
595614	4171843	0.22333	GAS-SPIL
595634	4171843	0.22148	GAS-SPIL
595654	4171843	0.22011	GAS-SPIL
595674	4171843	0.21883	GAS-SPIL
595694	4171843	0.21938	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4171843	0.22123	GAS-SPIL
595734	4171843	0.22262	GAS-SPIL
595754	4171843	0.22433	GAS-SPIL
595774	4171843	0.2257	GAS-SPIL
595794	4171843	0.22694	GAS-SPIL
595814	4171843	0.22823	GAS-SPIL
595854	4171843	0.23275	GAS-SPIL
595874	4171843	0.23666	GAS-SPIL
595214	4171863	0.24009	GAS-SPIL
595234	4171863	0.23781	GAS-SPIL
595254	4171863	0.23599	GAS-SPIL
595274	4171863	0.23498	GAS-SPIL
595294	4171863	0.23523	GAS-SPIL
595314	4171863	0.23571	GAS-SPIL
595334	4171863	0.23626	GAS-SPIL
595514	4171863	0.23298	GAS-SPIL
595534	4171863	0.23423	GAS-SPIL
595554	4171863	0.23479	GAS-SPIL
595574	4171863	0.23421	GAS-SPIL
595594	4171863	0.23271	GAS-SPIL
595614	4171863	0.23074	GAS-SPIL
595634	4171863	0.22962	GAS-SPIL
595654	4171863	0.22915	GAS-SPIL
595674	4171863	0.22783	GAS-SPIL
595694	4171863	0.22961	GAS-SPIL
595714	4171863	0.231	GAS-SPIL
595734	4171863	0.23262	GAS-SPIL
595754	4171863	0.23443	GAS-SPIL
595774	4171863	0.23596	GAS-SPIL
595794	4171863	0.23745	GAS-SPIL
595814	4171863	0.23903	GAS-SPIL
595834	4171863	0.24122	GAS-SPIL
595854	4171863	0.24461	GAS-SPIL
595874	4171863	0.24936	GAS-SPIL
595894	4171863	0.25538	GAS-SPIL
595194	4171883	0.25303	GAS-SPIL
595214	4171883	0.25128	GAS-SPIL
595234	4171883	0.24873	GAS-SPIL
595254	4171883	0.2464	GAS-SPIL
595274	4171883	0.24516	GAS-SPIL
595294	4171883	0.24522	GAS-SPIL
595314	4171883	0.24574	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4171883	0.24334	GAS-SPIL
595534	4171883	0.24468	GAS-SPIL
595554	4171883	0.24482	GAS-SPIL
595574	4171883	0.24377	GAS-SPIL
595594	4171883	0.2421	GAS-SPIL
595614	4171883	0.24003	GAS-SPIL
595634	4171883	0.23833	GAS-SPIL
595654	4171883	0.23805	GAS-SPIL
595674	4171883	0.23785	GAS-SPIL
595694	4171883	0.23997	GAS-SPIL
595714	4171883	0.24186	GAS-SPIL
595734	4171883	0.24354	GAS-SPIL
595754	4171883	0.24516	GAS-SPIL
595774	4171883	0.24672	GAS-SPIL
595794	4171883	0.24815	GAS-SPIL
595814	4171883	0.25059	GAS-SPIL
595834	4171883	0.25358	GAS-SPIL
595854	4171883	0.258	GAS-SPIL
595874	4171883	0.26391	GAS-SPIL
595894	4171883	0.27107	GAS-SPIL
595174	4171903	0.26457	GAS-SPIL
595194	4171903	0.26442	GAS-SPIL
595214	4171903	0.26257	GAS-SPIL
595234	4171903	0.26013	GAS-SPIL
595254	4171903	0.25774	GAS-SPIL
595274	4171903	0.25625	GAS-SPIL
595294	4171903	0.25603	GAS-SPIL
595314	4171903	0.25671	GAS-SPIL
595514	4171903	0.25396	GAS-SPIL
595534	4171903	0.25503	GAS-SPIL
595554	4171903	0.25525	GAS-SPIL
595574	4171903	0.25442	GAS-SPIL
595594	4171903	0.25249	GAS-SPIL
595614	4171903	0.25039	GAS-SPIL
595634	4171903	0.24847	GAS-SPIL
595654	4171903	0.2482	GAS-SPIL
595674	4171903	0.24883	GAS-SPIL
595694	4171903	0.25061	GAS-SPIL
595714	4171903	0.25339	GAS-SPIL
595734	4171903	0.25507	GAS-SPIL
595754	4171903	0.25706	GAS-SPIL
595774	4171903	0.25866	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4171903	0.26061	GAS-SPIL
595814	4171903	0.26343	GAS-SPIL
595834	4171903	0.26735	GAS-SPIL
595854	4171903	0.2732	GAS-SPIL
595874	4171903	0.28036	GAS-SPIL
595894	4171903	0.28854	GAS-SPIL
595914	4171903	0.29763	GAS-SPIL
595174	4171923	0.27604	GAS-SPIL
595194	4171923	0.27628	GAS-SPIL
595214	4171923	0.27506	GAS-SPIL
595234	4171923	0.27246	GAS-SPIL
595254	4171923	0.26987	GAS-SPIL
595274	4171923	0.26831	GAS-SPIL
595294	4171923	0.26764	GAS-SPIL
595534	4171923	0.26665	GAS-SPIL
595554	4171923	0.26649	GAS-SPIL
595574	4171923	0.26521	GAS-SPIL
595594	4171923	0.26322	GAS-SPIL
595614	4171923	0.26125	GAS-SPIL
595634	4171923	0.25988	GAS-SPIL
595654	4171923	0.25957	GAS-SPIL
595674	4171923	0.2607	GAS-SPIL
595694	4171923	0.26252	GAS-SPIL
595714	4171923	0.26541	GAS-SPIL
595734	4171923	0.26772	GAS-SPIL
595754	4171923	0.26947	GAS-SPIL
595774	4171923	0.27133	GAS-SPIL
595794	4171923	0.27389	GAS-SPIL
595814	4171923	0.27769	GAS-SPIL
595834	4171923	0.28269	GAS-SPIL
595854	4171923	0.28989	GAS-SPIL
595874	4171923	0.29832	GAS-SPIL
595894	4171923	0.30808	GAS-SPIL
595914	4171923	0.31848	GAS-SPIL
595154	4171943	0.28676	GAS-SPIL
595174	4171943	0.28844	GAS-SPIL
595194	4171943	0.28919	GAS-SPIL
595214	4171943	0.288	GAS-SPIL
595234	4171943	0.28555	GAS-SPIL
595254	4171943	0.283	GAS-SPIL
595274	4171943	0.28098	GAS-SPIL
595294	4171943	0.28037	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4171943	0.2792	GAS-SPIL
595554	4171943	0.27857	GAS-SPIL
595574	4171943	0.27699	GAS-SPIL
595594	4171943	0.27476	GAS-SPIL
595614	4171943	0.2728	GAS-SPIL
595634	4171943	0.27177	GAS-SPIL
595654	4171943	0.27198	GAS-SPIL
595674	4171943	0.27352	GAS-SPIL
595694	4171943	0.27569	GAS-SPIL
595714	4171943	0.27804	GAS-SPIL
595734	4171943	0.27987	GAS-SPIL
595754	4171943	0.28227	GAS-SPIL
595774	4171943	0.28523	GAS-SPIL
595794	4171943	0.28867	GAS-SPIL
595814	4171943	0.29371	GAS-SPIL
595834	4171943	0.30052	GAS-SPIL
595854	4171943	0.30877	GAS-SPIL
595874	4171943	0.31853	GAS-SPIL
595894	4171943	0.32932	GAS-SPIL
595914	4171943	0.34082	GAS-SPIL
595934	4171943	0.3525	GAS-SPIL
595154	4171963	0.29949	GAS-SPIL
595174	4171963	0.30158	GAS-SPIL
595194	4171963	0.30263	GAS-SPIL
595214	4171963	0.30208	GAS-SPIL
595234	4171963	0.29958	GAS-SPIL
595254	4171963	0.29725	GAS-SPIL
595274	4171963	0.29498	GAS-SPIL
595554	4171963	0.29164	GAS-SPIL
595574	4171963	0.28964	GAS-SPIL
595594	4171963	0.28734	GAS-SPIL
595614	4171963	0.28547	GAS-SPIL
595634	4171963	0.28486	GAS-SPIL
595654	4171963	0.28546	GAS-SPIL
595674	4171963	0.28729	GAS-SPIL
595694	4171963	0.28985	GAS-SPIL
595714	4171963	0.29199	GAS-SPIL
595734	4171963	0.29403	GAS-SPIL
595754	4171963	0.2965	GAS-SPIL
595774	4171963	0.29967	GAS-SPIL
595794	4171963	0.30445	GAS-SPIL
595814	4171963	0.31103	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4171963	0.31969	GAS-SPIL
595854	4171963	0.33012	GAS-SPIL
595874	4171963	0.34164	GAS-SPIL
595894	4171963	0.35389	GAS-SPIL
595914	4171963	0.36642	GAS-SPIL
595934	4171963	0.37839	GAS-SPIL
595154	4171983	0.31336	GAS-SPIL
595174	4171983	0.31546	GAS-SPIL
595194	4171983	0.31719	GAS-SPIL
595214	4171983	0.31717	GAS-SPIL
595234	4171983	0.31531	GAS-SPIL
595254	4171983	0.31176	GAS-SPIL
595574	4171983	0.30334	GAS-SPIL
595754	4172023	0.35084	GAS-SPIL
595774	4172023	0.3583	GAS-SPIL
595794	4172023	0.36885	GAS-SPIL
595814	4172023	0.38123	GAS-SPIL
595834	4172023	0.39492	GAS-SPIL
595714	4172043	0.36217	GAS-SPIL
595734	4172043	0.36759	GAS-SPIL
595754	4172043	0.37529	GAS-SPIL
595774	4172043	0.38492	GAS-SPIL
595794	4172043	0.39732	GAS-SPIL
595814	4172043	0.41205	GAS-SPIL
595834	4172043	0.42841	GAS-SPIL
595854	4172043	0.44535	GAS-SPIL
595874	4172043	0.46213	GAS-SPIL
595894	4172043	0.47807	GAS-SPIL
595914	4172043	0.49282	GAS-SPIL
595934	4172043	0.50512	GAS-SPIL
595714	4172063	0.38448	GAS-SPIL
595734	4172063	0.39279	GAS-SPIL
595754	4172063	0.40189	GAS-SPIL
595774	4172063	0.41417	GAS-SPIL
595794	4172063	0.42923	GAS-SPIL
595814	4172063	0.44631	GAS-SPIL
595834	4172063	0.4646	GAS-SPIL
595854	4172063	0.48297	GAS-SPIL
595874	4172063	0.50067	GAS-SPIL
595894	4172063	0.51704	GAS-SPIL
595914	4172063	0.53174	GAS-SPIL
595934	4172063	0.54456	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172083	0.40992	GAS-SPIL
595734	4172083	0.42079	GAS-SPIL
595754	4172083	0.43267	GAS-SPIL
595774	4172083	0.44793	GAS-SPIL
595794	4172083	0.46579	GAS-SPIL
595814	4172083	0.48525	GAS-SPIL
595834	4172083	0.50525	GAS-SPIL
595854	4172083	0.52479	GAS-SPIL
595874	4172083	0.54294	GAS-SPIL
595894	4172083	0.55934	GAS-SPIL
595914	4172083	0.57361	GAS-SPIL
595934	4172083	0.58585	GAS-SPIL
595114	4172103	0.4436	GAS-SPIL
595134	4172103	0.43524	GAS-SPIL
595714	4172103	0.43927	GAS-SPIL
595734	4172103	0.45307	GAS-SPIL
595754	4172103	0.46824	GAS-SPIL
595774	4172103	0.48676	GAS-SPIL
595794	4172103	0.50741	GAS-SPIL
595814	4172103	0.52917	GAS-SPIL
595834	4172103	0.55061	GAS-SPIL
595854	4172103	0.57083	GAS-SPIL
595874	4172103	0.58913	GAS-SPIL
595894	4172103	0.60518	GAS-SPIL
595914	4172103	0.61881	GAS-SPIL
595934	4172103	0.63019	GAS-SPIL
595094	4172123	0.48937	GAS-SPIL
595114	4172123	0.47578	GAS-SPIL
595134	4172123	0.46508	GAS-SPIL
595694	4172123	0.46173	GAS-SPIL
595714	4172123	0.47398	GAS-SPIL
595734	4172123	0.49065	GAS-SPIL
595754	4172123	0.50957	GAS-SPIL
595774	4172123	0.53152	GAS-SPIL
595794	4172123	0.55503	GAS-SPIL
595814	4172123	0.57866	GAS-SPIL
595834	4172123	0.60102	GAS-SPIL
595854	4172123	0.62142	GAS-SPIL
595874	4172123	0.6395	GAS-SPIL
595894	4172123	0.65475	GAS-SPIL
595914	4172123	0.6675	GAS-SPIL
595934	4172123	0.67783	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595094	4172143	0.52798	GAS-SPIL
595114	4172143	0.51249	GAS-SPIL
595134	4172143	0.49926	GAS-SPIL
595694	4172143	0.49819	GAS-SPIL
595714	4172143	0.51526	GAS-SPIL
595734	4172143	0.53449	GAS-SPIL
595754	4172143	0.55735	GAS-SPIL
595774	4172143	0.58277	GAS-SPIL
595794	4172143	0.60877	GAS-SPIL
595814	4172143	0.63379	GAS-SPIL
595834	4172143	0.65673	GAS-SPIL
595854	4172143	0.67691	GAS-SPIL
595874	4172143	0.6942	GAS-SPIL
595894	4172143	0.70839	GAS-SPIL
595914	4172143	0.72004	GAS-SPIL
595934	4172143	0.72911	GAS-SPIL
595094	4172163	0.57158	GAS-SPIL
595114	4172163	0.5545	GAS-SPIL
595134	4172163	0.53859	GAS-SPIL
595154	4172163	0.52701	GAS-SPIL
595614	4172163	0.5044	GAS-SPIL
595634	4172163	0.50974	GAS-SPIL
595654	4172163	0.51642	GAS-SPIL
595674	4172163	0.52834	GAS-SPIL
595694	4172163	0.54279	GAS-SPIL
595714	4172163	0.56196	GAS-SPIL
595734	4172163	0.58573	GAS-SPIL
595754	4172163	0.61267	GAS-SPIL
595774	4172163	0.64122	GAS-SPIL
595794	4172163	0.66921	GAS-SPIL
595814	4172163	0.69506	GAS-SPIL
595834	4172163	0.71796	GAS-SPIL
595854	4172163	0.7375	GAS-SPIL
595874	4172163	0.75356	GAS-SPIL
595894	4172163	0.76647	GAS-SPIL
595914	4172163	0.77677	GAS-SPIL
595074	4172183	0.63782	GAS-SPIL
595094	4172183	0.62014	GAS-SPIL
595114	4172183	0.60161	GAS-SPIL
595134	4172183	0.58346	GAS-SPIL
595154	4172183	0.56794	GAS-SPIL
595614	4172183	0.54376	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172183	0.54872	GAS-SPIL
595654	4172183	0.56069	GAS-SPIL
595674	4172183	0.57361	GAS-SPIL
595694	4172183	0.59246	GAS-SPIL
595714	4172183	0.61687	GAS-SPIL
595734	4172183	0.64546	GAS-SPIL
595754	4172183	0.67648	GAS-SPIL
595774	4172183	0.70769	GAS-SPIL
595794	4172183	0.73699	GAS-SPIL
595814	4172183	0.76288	GAS-SPIL
595834	4172183	0.78509	GAS-SPIL
595854	4172183	0.80336	GAS-SPIL
595874	4172183	0.81783	GAS-SPIL
595894	4172183	0.82927	GAS-SPIL
595914	4172183	0.83795	GAS-SPIL
595074	4172203	0.69406	GAS-SPIL
595094	4172203	0.67503	GAS-SPIL
595114	4172203	0.65478	GAS-SPIL
595134	4172203	0.63436	GAS-SPIL
595154	4172203	0.61556	GAS-SPIL
595594	4172203	0.57756	GAS-SPIL
595614	4172203	0.5878	GAS-SPIL
595634	4172203	0.59435	GAS-SPIL
595654	4172203	0.60828	GAS-SPIL
595674	4172203	0.62635	GAS-SPIL
595694	4172203	0.65122	GAS-SPIL
595714	4172203	0.68144	GAS-SPIL
595734	4172203	0.71504	GAS-SPIL
595754	4172203	0.74976	GAS-SPIL
595774	4172203	0.78283	GAS-SPIL
595794	4172203	0.81242	GAS-SPIL
595814	4172203	0.8377	GAS-SPIL
595834	4172203	0.8585	GAS-SPIL
595854	4172203	0.8751	GAS-SPIL
595874	4172203	0.8878	GAS-SPIL
595894	4172203	0.89731	GAS-SPIL
595914	4172203	0.90402	GAS-SPIL
595074	4172223	0.75774	GAS-SPIL
595094	4172223	0.73757	GAS-SPIL
595114	4172223	0.71498	GAS-SPIL
595134	4172223	0.69244	GAS-SPIL
595154	4172223	0.67002	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172223	0.62315	GAS-SPIL
595614	4172223	0.63146	GAS-SPIL
595634	4172223	0.64773	GAS-SPIL
595654	4172223	0.66468	GAS-SPIL
595674	4172223	0.68934	GAS-SPIL
595694	4172223	0.72112	GAS-SPIL
595714	4172223	0.75748	GAS-SPIL
595734	4172223	0.79555	GAS-SPIL
595754	4172223	0.83309	GAS-SPIL
595774	4172223	0.86701	GAS-SPIL
595794	4172223	0.896	GAS-SPIL
595814	4172223	0.91979	GAS-SPIL
595834	4172223	0.93873	GAS-SPIL
595854	4172223	0.95329	GAS-SPIL
595874	4172223	0.9639	GAS-SPIL
595894	4172223	0.97121	GAS-SPIL
595054	4172243	0.85622	GAS-SPIL
595074	4172243	0.83156	GAS-SPIL
595094	4172243	0.80859	GAS-SPIL
595114	4172243	0.78366	GAS-SPIL
595134	4172243	0.75889	GAS-SPIL
595154	4172243	0.73462	GAS-SPIL
595594	4172243	0.67743	GAS-SPIL
595614	4172243	0.68509	GAS-SPIL
595634	4172243	0.70832	GAS-SPIL
595654	4172243	0.73233	GAS-SPIL
595674	4172243	0.76494	GAS-SPIL
595694	4172243	0.80429	GAS-SPIL
595714	4172243	0.8465	GAS-SPIL
595734	4172243	0.88825	GAS-SPIL
595754	4172243	0.92739	GAS-SPIL
595774	4172243	0.96092	GAS-SPIL
595794	4172243	0.98838	GAS-SPIL
595814	4172243	1.01001	GAS-SPIL
595834	4172243	1.02655	GAS-SPIL
595854	4172243	1.03862	GAS-SPIL
595874	4172243	1.0466	GAS-SPIL
595894	4172243	1.05149	GAS-SPIL
595054	4172263	0.94698	GAS-SPIL
595074	4172263	0.91825	GAS-SPIL
595094	4172263	0.89086	GAS-SPIL
595114	4172263	0.86196	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595134	4172263	0.83674	GAS-SPIL
595154	4172263	0.80841	GAS-SPIL
595594	4172263	0.74051	GAS-SPIL
595614	4172263	0.75244	GAS-SPIL
595634	4172263	0.78102	GAS-SPIL
595654	4172263	0.814	GAS-SPIL
595674	4172263	0.85586	GAS-SPIL
595694	4172263	0.90264	GAS-SPIL
595714	4172263	0.95009	GAS-SPIL
595734	4172263	0.99437	GAS-SPIL
595754	4172263	1.03321	GAS-SPIL
595774	4172263	1.06529	GAS-SPIL
595794	4172263	1.09023	GAS-SPIL
595814	4172263	1.10914	GAS-SPIL
595834	4172263	1.1228	GAS-SPIL
595854	4172263	1.1319	GAS-SPIL
595874	4172263	1.13692	GAS-SPIL
595894	4172263	1.13911	GAS-SPIL
595054	4172283	1.05348	GAS-SPIL
595074	4172283	1.0192	GAS-SPIL
595094	4172283	0.985	GAS-SPIL
595114	4172283	0.95391	GAS-SPIL
595134	4172283	0.92507	GAS-SPIL
595154	4172283	0.89295	GAS-SPIL
595174	4172283	0.86218	GAS-SPIL
595574	4172283	0.79398	GAS-SPIL
595594	4172283	0.81142	GAS-SPIL
595614	4172283	0.83669	GAS-SPIL
595634	4172283	0.86943	GAS-SPIL
595654	4172283	0.91324	GAS-SPIL
595674	4172283	0.96483	GAS-SPIL
595694	4172283	1.01864	GAS-SPIL
595714	4172283	1.06964	GAS-SPIL
595734	4172283	1.11449	GAS-SPIL
595754	4172283	1.15169	GAS-SPIL
595774	4172283	1.181	GAS-SPIL
595794	4172283	1.20277	GAS-SPIL
595814	4172283	1.2183	GAS-SPIL
595834	4172283	1.22849	GAS-SPIL
595854	4172283	1.23417	GAS-SPIL
595874	4172283	1.23605	GAS-SPIL
595894	4172283	1.23519	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595034	4172303	1.225	GAS-SPIL
595054	4172303	1.18073	GAS-SPIL
595074	4172303	1.13883	GAS-SPIL
595094	4172303	1.09608	GAS-SPIL
595114	4172303	1.0627	GAS-SPIL
595134	4172303	1.02723	GAS-SPIL
595154	4172303	0.99201	GAS-SPIL
595174	4172303	0.95671	GAS-SPIL
595574	4172303	0.87226	GAS-SPIL
595594	4172303	0.89247	GAS-SPIL
595614	4172303	0.93296	GAS-SPIL
595634	4172303	0.97794	GAS-SPIL
595654	4172303	1.03393	GAS-SPIL
595674	4172303	1.09491	GAS-SPIL
595694	4172303	1.1542	GAS-SPIL
595714	4172303	1.20634	GAS-SPIL
595734	4172303	1.25003	GAS-SPIL
595754	4172303	1.28423	GAS-SPIL
595774	4172303	1.30953	GAS-SPIL
595794	4172303	1.3273	GAS-SPIL
595814	4172303	1.33875	GAS-SPIL
595834	4172303	1.3449	GAS-SPIL
595854	4172303	1.34674	GAS-SPIL
595874	4172303	1.34511	GAS-SPIL
595034	4172323	1.38347	GAS-SPIL
595054	4172323	1.33318	GAS-SPIL
595074	4172323	1.28139	GAS-SPIL
595094	4172323	1.23054	GAS-SPIL
595114	4172323	1.18766	GAS-SPIL
595134	4172323	1.14804	GAS-SPIL
595154	4172323	1.10824	GAS-SPIL
595174	4172323	1.06817	GAS-SPIL
595574	4172323	0.96758	GAS-SPIL
595594	4172323	0.9935	GAS-SPIL
595614	4172323	1.05181	GAS-SPIL
595634	4172323	1.11174	GAS-SPIL
595654	4172323	1.18023	GAS-SPIL
595674	4172323	1.24899	GAS-SPIL
595694	4172323	1.31075	GAS-SPIL
595714	4172323	1.36211	GAS-SPIL
595734	4172323	1.4025	GAS-SPIL
595754	4172323	1.43207	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172323	1.45255	GAS-SPIL
595794	4172323	1.46544	GAS-SPIL
595814	4172323	1.47206	GAS-SPIL
595834	4172323	1.47362	GAS-SPIL
595854	4172323	1.47114	GAS-SPIL
595874	4172323	1.46537	GAS-SPIL
595034	4172343	1.56732	GAS-SPIL
595054	4172343	1.51408	GAS-SPIL
595074	4172343	1.45624	GAS-SPIL
595094	4172343	1.39814	GAS-SPIL
595114	4172343	1.34203	GAS-SPIL
595134	4172343	1.29221	GAS-SPIL
595154	4172343	1.24635	GAS-SPIL
595574	4172343	1.08568	GAS-SPIL
595594	4172343	1.12685	GAS-SPIL
595614	4172343	1.2002	GAS-SPIL
595634	4172343	1.27648	GAS-SPIL
595654	4172343	1.35621	GAS-SPIL
595674	4172343	1.42983	GAS-SPIL
595694	4172343	1.49136	GAS-SPIL
595714	4172343	1.53904	GAS-SPIL
595734	4172343	1.57381	GAS-SPIL
595754	4172343	1.59754	GAS-SPIL
595774	4172343	1.6121	GAS-SPIL
595794	4172343	1.61915	GAS-SPIL
595814	4172343	1.62019	GAS-SPIL
595834	4172343	1.61643	GAS-SPIL
595854	4172343	1.60876	GAS-SPIL
595874	4172343	1.59792	GAS-SPIL
595554	4172363	1.18047	GAS-SPIL
595574	4172363	1.2275	GAS-SPIL
595594	4172363	1.29686	GAS-SPIL
595614	4172363	1.38609	GAS-SPIL
595634	4172363	1.47827	GAS-SPIL
595654	4172363	1.56591	GAS-SPIL
595674	4172363	1.64013	GAS-SPIL
595694	4172363	1.69757	GAS-SPIL
595714	4172363	1.73901	GAS-SPIL
595734	4172363	1.76678	GAS-SPIL
595754	4172363	1.7833	GAS-SPIL
595774	4172363	1.79068	GAS-SPIL
595794	4172363	1.79082	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172363	1.78526	GAS-SPIL
595834	4172363	1.77495	GAS-SPIL
595854	4172363	1.76055	GAS-SPIL
595874	4172363	1.74229	GAS-SPIL
595554	4172383	1.33404	GAS-SPIL
595574	4172383	1.40006	GAS-SPIL
595594	4172383	1.50722	GAS-SPIL
595614	4172383	1.61442	GAS-SPIL
595634	4172383	1.71958	GAS-SPIL
595654	4172383	1.81054	GAS-SPIL
595674	4172383	1.88057	GAS-SPIL
595694	4172383	1.93183	GAS-SPIL
595714	4172383	1.96588	GAS-SPIL
595734	4172383	1.98475	GAS-SPIL
595754	4172383	1.99241	GAS-SPIL
595774	4172383	1.9912	GAS-SPIL
595794	4172383	1.98299	GAS-SPIL
595814	4172383	1.969	GAS-SPIL
595834	4172383	1.94982	GAS-SPIL
595854	4172383	1.92562	GAS-SPIL
595554	4172403	1.54315	GAS-SPIL
595574	4172403	1.62917	GAS-SPIL
595594	4172403	1.77371	GAS-SPIL
595614	4172403	1.89876	GAS-SPIL
595634	4172403	2.00981	GAS-SPIL
595654	4172403	2.09704	GAS-SPIL
595674	4172403	2.15892	GAS-SPIL
595694	4172403	2.19784	GAS-SPIL
595714	4172403	2.2204	GAS-SPIL
595734	4172403	2.22901	GAS-SPIL
595754	4172403	2.22695	GAS-SPIL
595774	4172403	2.21601	GAS-SPIL
595794	4172403	2.19709	GAS-SPIL
595814	4172403	2.17129	GAS-SPIL
595834	4172403	2.13907	GAS-SPIL
595854	4172403	2.10049	GAS-SPIL
595074	4172423	2.51823	GAS-SPIL
595094	4172423	2.47105	GAS-SPIL
595554	4172423	1.82777	GAS-SPIL
595574	4172423	1.94059	GAS-SPIL
595594	4172423	2.11013	GAS-SPIL
595614	4172423	2.24731	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172423	2.35532	GAS-SPIL
595654	4172423	2.43189	GAS-SPIL
595674	4172423	2.47974	GAS-SPIL
595694	4172423	2.50596	GAS-SPIL
595714	4172423	2.51442	GAS-SPIL
595734	4172423	2.5093	GAS-SPIL
595754	4172423	2.49336	GAS-SPIL
595774	4172423	2.46716	GAS-SPIL
595794	4172423	2.4323	GAS-SPIL
595814	4172423	2.38882	GAS-SPIL
595834	4172423	2.33783	GAS-SPIL
595854	4172423	2.27935	GAS-SPIL
595074	4172443	2.87093	GAS-SPIL
595094	4172443	2.85418	GAS-SPIL
595114	4172443	2.80013	GAS-SPIL
595134	4172443	2.70976	GAS-SPIL
595534	4172443	2.00926	GAS-SPIL
595554	4172443	2.16569	GAS-SPIL
595574	4172443	2.35006	GAS-SPIL
595594	4172443	2.53032	GAS-SPIL
595614	4172443	2.66811	GAS-SPIL
595634	4172443	2.76468	GAS-SPIL
595654	4172443	2.82415	GAS-SPIL
595674	4172443	2.85347	GAS-SPIL
595694	4172443	2.86087	GAS-SPIL
595714	4172443	2.85158	GAS-SPIL
595734	4172443	2.82791	GAS-SPIL
595754	4172443	2.79099	GAS-SPIL
595774	4172443	2.7428	GAS-SPIL
595794	4172443	2.68379	GAS-SPIL
595814	4172443	2.61561	GAS-SPIL
595834	4172443	2.53931	GAS-SPIL
595854	4172443	2.45637	GAS-SPIL
595054	4172463	3.22842	GAS-SPIL
595074	4172463	3.26616	GAS-SPIL
595094	4172463	3.28236	GAS-SPIL
595114	4172463	3.26571	GAS-SPIL
595534	4172463	2.41295	GAS-SPIL
595554	4172463	2.60965	GAS-SPIL
595574	4172463	2.83908	GAS-SPIL
595594	4172463	3.04675	GAS-SPIL
595614	4172463	3.17347	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172463	3.24892	GAS-SPIL
595654	4172463	3.28491	GAS-SPIL
595674	4172463	3.2895	GAS-SPIL
595694	4172463	3.2715	GAS-SPIL
595714	4172463	3.23504	GAS-SPIL
595734	4172463	3.18276	GAS-SPIL
595754	4172463	3.11556	GAS-SPIL
595774	4172463	3.03477	GAS-SPIL
595794	4172463	2.94169	GAS-SPIL
595814	4172463	2.84168	GAS-SPIL
595834	4172463	2.73467	GAS-SPIL
595054	4172483	3.61176	GAS-SPIL
595074	4172483	3.70935	GAS-SPIL
595094	4172483	3.76527	GAS-SPIL
595114	4172483	3.79321	GAS-SPIL
595534	4172483	2.99589	GAS-SPIL
595554	4172483	3.23017	GAS-SPIL
595574	4172483	3.49239	GAS-SPIL
595594	4172483	3.67193	GAS-SPIL
595614	4172483	3.76382	GAS-SPIL
595634	4172483	3.81556	GAS-SPIL
595654	4172483	3.82336	GAS-SPIL
595674	4172483	3.79432	GAS-SPIL
595694	4172483	3.73924	GAS-SPIL
595714	4172483	3.66286	GAS-SPIL
595734	4172483	3.56762	GAS-SPIL
595754	4172483	3.45579	GAS-SPIL
595774	4172483	3.33038	GAS-SPIL
595794	4172483	3.19558	GAS-SPIL
595814	4172483	3.05814	GAS-SPIL
595834	4172483	2.91907	GAS-SPIL
595034	4172503	3.91216	GAS-SPIL
595054	4172503	4.06069	GAS-SPIL
595074	4172503	4.19629	GAS-SPIL
595094	4172503	4.30759	GAS-SPIL
595114	4172503	4.39605	GAS-SPIL
595534	4172503	3.80897	GAS-SPIL
595554	4172503	4.05563	GAS-SPIL
595574	4172503	4.31687	GAS-SPIL
595594	4172503	4.44475	GAS-SPIL
595614	4172503	4.49323	GAS-SPIL
595634	4172503	4.49591	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172503	4.45074	GAS-SPIL
595674	4172503	4.36251	GAS-SPIL
595694	4172503	4.25813	GAS-SPIL
595714	4172503	4.12152	GAS-SPIL
595734	4172503	3.9651	GAS-SPIL
595754	4172503	3.79561	GAS-SPIL
595774	4172503	3.61678	GAS-SPIL
595794	4172503	3.4337	GAS-SPIL
595814	4172503	3.25976	GAS-SPIL
595834	4172503	3.09011	GAS-SPIL
595034	4172523	4.23671	GAS-SPIL
595054	4172523	4.4901	GAS-SPIL
595074	4172523	4.71872	GAS-SPIL
595094	4172523	4.90559	GAS-SPIL
595514	4172523	4.43645	GAS-SPIL
595534	4172523	4.85306	GAS-SPIL
595554	4172523	5.16858	GAS-SPIL
595574	4172523	5.41301	GAS-SPIL
595594	4172523	5.43151	GAS-SPIL
595614	4172523	5.40778	GAS-SPIL
595634	4172523	5.31034	GAS-SPIL
595654	4172523	5.16907	GAS-SPIL
595674	4172523	5.00662	GAS-SPIL
595694	4172523	4.80902	GAS-SPIL
595714	4172523	4.59042	GAS-SPIL
595734	4172523	4.35832	GAS-SPIL
595754	4172523	4.12067	GAS-SPIL
595774	4172523	3.88618	GAS-SPIL
595794	4172523	3.65579	GAS-SPIL
595814	4172523	3.44672	GAS-SPIL
595834	4172523	3.24869	GAS-SPIL
595034	4172543	4.45942	GAS-SPIL
595054	4172543	4.82666	GAS-SPIL
595074	4172543	5.1812	GAS-SPIL
595094	4172543	5.51684	GAS-SPIL
595514	4172543	5.86319	GAS-SPIL
595534	4172543	6.25701	GAS-SPIL
595554	4172543	6.55255	GAS-SPIL
595574	4172543	6.65676	GAS-SPIL
595594	4172543	6.564	GAS-SPIL
595614	4172543	6.40918	GAS-SPIL
595634	4172543	6.20978	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172543	5.95416	GAS-SPIL
595674	4172543	5.63691	GAS-SPIL
595694	4172543	5.32867	GAS-SPIL
595714	4172543	5.01558	GAS-SPIL
595734	4172543	4.72789	GAS-SPIL
595754	4172543	4.42433	GAS-SPIL
595774	4172543	4.14429	GAS-SPIL
595794	4172543	3.86398	GAS-SPIL
595814	4172543	3.61827	GAS-SPIL
595014	4172563	4.13498	GAS-SPIL
595034	4172563	4.55459	GAS-SPIL
595054	4172563	5.01497	GAS-SPIL
595074	4172563	5.5021	GAS-SPIL
595094	4172563	6.01	GAS-SPIL
595514	4172563	7.98795	GAS-SPIL
595534	4172563	8.21825	GAS-SPIL
595554	4172563	8.38688	GAS-SPIL
595574	4172563	8.17264	GAS-SPIL
595594	4172563	7.89046	GAS-SPIL
595614	4172563	7.54787	GAS-SPIL
595634	4172563	7.19896	GAS-SPIL
595654	4172563	6.71814	GAS-SPIL
595674	4172563	6.26064	GAS-SPIL
595694	4172563	5.82383	GAS-SPIL
595714	4172563	5.40846	GAS-SPIL
595734	4172563	5.02514	GAS-SPIL
595754	4172563	4.70202	GAS-SPIL
595774	4172563	4.37051	GAS-SPIL
595794	4172563	4.04098	GAS-SPIL
595814	4172563	3.76783	GAS-SPIL
595014	4172583	4.11406	GAS-SPIL
595034	4172583	4.5499	GAS-SPIL
595054	4172583	5.06037	GAS-SPIL
595074	4172583	5.63841	GAS-SPIL
595494	4172583	10.31199	GAS-SPIL
595514	4172583	10.80186	GAS-SPIL
595534	4172583	10.77659	GAS-SPIL
595554	4172583	10.49523	GAS-SPIL
595574	4172583	9.95412	GAS-SPIL
595594	4172583	9.36578	GAS-SPIL
595614	4172583	8.75504	GAS-SPIL
595634	4172583	8.16252	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172583	7.4409	GAS-SPIL
595674	4172583	6.83634	GAS-SPIL
595694	4172583	6.27918	GAS-SPIL
595714	4172583	5.77131	GAS-SPIL
595734	4172583	5.31776	GAS-SPIL
595754	4172583	4.93698	GAS-SPIL
595774	4172583	4.53682	GAS-SPIL
595794	4172583	4.18721	GAS-SPIL
595814	4172583	3.88118	GAS-SPIL
595034	4172603	4.53426	GAS-SPIL
595054	4172603	5.04114	GAS-SPIL
595074	4172603	5.64758	GAS-SPIL
595494	4172603	14.68865	GAS-SPIL
595514	4172603	14.50292	GAS-SPIL
595534	4172603	14.00367	GAS-SPIL
595554	4172603	12.96677	GAS-SPIL
595574	4172603	11.87835	GAS-SPIL
595594	4172603	10.85564	GAS-SPIL
595614	4172603	9.92264	GAS-SPIL
595634	4172603	8.96459	GAS-SPIL
595654	4172603	8.09903	GAS-SPIL
595674	4172603	7.34398	GAS-SPIL
595694	4172603	6.67209	GAS-SPIL
595714	4172603	6.07518	GAS-SPIL
595734	4172603	5.58364	GAS-SPIL
595754	4172603	5.12409	GAS-SPIL
595774	4172603	4.66527	GAS-SPIL
595794	4172603	4.29374	GAS-SPIL
595474	4172623	21.24435	GAS-SPIL
595494	4172623	20.78651	GAS-SPIL
595514	4172623	19.41448	GAS-SPIL
595534	4172623	17.72433	GAS-SPIL
595554	4172623	15.89316	GAS-SPIL
595574	4172623	14.00068	GAS-SPIL
595594	4172623	12.28136	GAS-SPIL
595614	4172623	11.08702	GAS-SPIL
595634	4172623	9.75756	GAS-SPIL
595654	4172623	8.69969	GAS-SPIL
595674	4172623	7.7585	GAS-SPIL
595694	4172623	6.9676	GAS-SPIL
595714	4172623	6.29371	GAS-SPIL
595734	4172623	5.75594	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172623	5.21332	GAS-SPIL
595774	4172623	4.74197	GAS-SPIL
595794	4172623	4.34399	GAS-SPIL
595814	4172623	3.99119	GAS-SPIL
595474	4172643	31.80117	GAS-SPIL
595494	4172643	28.32866	GAS-SPIL
595514	4172643	24.82734	GAS-SPIL
595534	4172643	21.49921	GAS-SPIL
595554	4172643	18.49807	GAS-SPIL
595574	4172643	15.94858	GAS-SPIL
595594	4172643	13.75698	GAS-SPIL
595614	4172643	11.68175	GAS-SPIL
595634	4172643	10.21253	GAS-SPIL
595654	4172643	9.03015	GAS-SPIL
595674	4172643	8.05677	GAS-SPIL
595694	4172643	7.19219	GAS-SPIL
595714	4172643	6.44823	GAS-SPIL
595734	4172643	5.81532	GAS-SPIL
595754	4172643	5.236	GAS-SPIL
595774	4172643	4.76541	GAS-SPIL
595794	4172643	4.35007	GAS-SPIL
595814	4172643	3.98621	GAS-SPIL
595474	4172663	45.26699	GAS-SPIL
595494	4172663	36.5429	GAS-SPIL
595514	4172663	29.80457	GAS-SPIL
595534	4172663	24.59719	GAS-SPIL
595554	4172663	20.45374	GAS-SPIL
595574	4172663	17.16265	GAS-SPIL
595594	4172663	14.48757	GAS-SPIL
595614	4172663	12.09729	GAS-SPIL
595634	4172663	10.46838	GAS-SPIL
595654	4172663	9.16235	GAS-SPIL
595674	4172663	8.07136	GAS-SPIL
595694	4172663	7.17768	GAS-SPIL
595714	4172663	6.46591	GAS-SPIL
595734	4172663	5.79318	GAS-SPIL
595754	4172663	5.20938	GAS-SPIL
595774	4172663	4.73395	GAS-SPIL
595794	4172663	4.31368	GAS-SPIL
595814	4172663	3.94726	GAS-SPIL
595454	4172683	81.04905	GAS-SPIL
595474	4172683	57.65334	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4172683	42.81165	GAS-SPIL
595514	4172683	33.01528	GAS-SPIL
595534	4172683	26.27093	GAS-SPIL
595554	4172683	21.31834	GAS-SPIL
595574	4172683	17.5577	GAS-SPIL
595594	4172683	14.47569	GAS-SPIL
595614	4172683	12.12906	GAS-SPIL
595634	4172683	10.45586	GAS-SPIL
595654	4172683	9.10321	GAS-SPIL
595674	4172683	7.99041	GAS-SPIL
595694	4172683	7.08797	GAS-SPIL
595714	4172683	6.34971	GAS-SPIL
595734	4172683	5.6701	GAS-SPIL
595754	4172683	5.12854	GAS-SPIL
595774	4172683	4.65235	GAS-SPIL
595794	4172683	4.23509	GAS-SPIL
595814	4172683	3.87282	GAS-SPIL
595474	4172703	62.6037	GAS-SPIL
595494	4172703	44.44779	GAS-SPIL
595514	4172703	33.48603	GAS-SPIL
595534	4172703	26.13197	GAS-SPIL
595554	4172703	20.91409	GAS-SPIL
595574	4172703	17.11797	GAS-SPIL
595594	4172703	13.95728	GAS-SPIL
595614	4172703	11.79723	GAS-SPIL
595634	4172703	10.15133	GAS-SPIL
595654	4172703	8.82251	GAS-SPIL
595674	4172703	7.74594	GAS-SPIL
595694	4172703	6.89947	GAS-SPIL
595714	4172703	6.14718	GAS-SPIL
595734	4172703	5.48566	GAS-SPIL
595754	4172703	4.96444	GAS-SPIL
595774	4172703	4.50214	GAS-SPIL
595794	4172703	4.10118	GAS-SPIL
595814	4172703	3.75249	GAS-SPIL
595834	4172703	3.44783	GAS-SPIL
595294	4172723	30.94777	GAS-SPIL
595314	4172723	49.11681	GAS-SPIL
595514	4172723	30.79997	GAS-SPIL
595534	4172723	24.14144	GAS-SPIL
595554	4172723	19.39241	GAS-SPIL
595574	4172723	15.90393	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172723	13.09565	GAS-SPIL
595614	4172723	11.11946	GAS-SPIL
595634	4172723	9.56509	GAS-SPIL
595654	4172723	8.33176	GAS-SPIL
595674	4172723	7.34259	GAS-SPIL
595694	4172723	6.53557	GAS-SPIL
595714	4172723	5.81825	GAS-SPIL
595734	4172723	5.22942	GAS-SPIL
595754	4172723	4.73011	GAS-SPIL
595774	4172723	4.29469	GAS-SPIL
595794	4172723	3.90834	GAS-SPIL
595814	4172723	3.58347	GAS-SPIL
595834	4172723	3.29952	GAS-SPIL
595294	4172743	18.42846	GAS-SPIL
595314	4172743	27.08397	GAS-SPIL
595334	4172743	44.80497	GAS-SPIL
595354	4172743	90.44096	GAS-SPIL
595374	4172743	234.19042	GAS-SPIL
595534	4172743	20.9021	GAS-SPIL
595554	4172743	17.03954	GAS-SPIL
595574	4172743	14.14471	GAS-SPIL
595594	4172743	11.93078	GAS-SPIL
595614	4172743	10.21221	GAS-SPIL
595634	4172743	8.80419	GAS-SPIL
595654	4172743	7.70522	GAS-SPIL
595674	4172743	6.825	GAS-SPIL
595694	4172743	6.07611	GAS-SPIL
595714	4172743	5.43973	GAS-SPIL
595734	4172743	4.90466	GAS-SPIL
595754	4172743	4.44411	GAS-SPIL
595774	4172743	4.03627	GAS-SPIL
595794	4172743	3.69282	GAS-SPIL
595814	4172743	3.39444	GAS-SPIL
595834	4172743	3.13193	GAS-SPIL
595274	4172763	10.17761	GAS-SPIL
595294	4172763	13.75269	GAS-SPIL
595314	4172763	19.34477	GAS-SPIL
595334	4172763	29.05193	GAS-SPIL
595354	4172763	47.30212	GAS-SPIL
595374	4172763	79.28779	GAS-SPIL
595394	4172763	109.88953	GAS-SPIL
595414	4172763	96.04701	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172763	17.62128	GAS-SPIL
595554	4172763	14.59395	GAS-SPIL
595574	4172763	12.30075	GAS-SPIL
595594	4172763	10.51097	GAS-SPIL
595614	4172763	9.08734	GAS-SPIL
595634	4172763	7.94171	GAS-SPIL
595654	4172763	7.01127	GAS-SPIL
595674	4172763	6.236	GAS-SPIL
595694	4172763	5.57988	GAS-SPIL
595714	4172763	5.02814	GAS-SPIL
595734	4172763	4.55235	GAS-SPIL
595754	4172763	4.13808	GAS-SPIL
595774	4172763	3.7762	GAS-SPIL
595794	4172763	3.46578	GAS-SPIL
595814	4172763	3.19445	GAS-SPIL
594934	4172783	1.01941	GAS-SPIL
594954	4172783	1.08504	GAS-SPIL
594974	4172783	1.1627	GAS-SPIL
595274	4172783	8.45968	GAS-SPIL
595294	4172783	10.99187	GAS-SPIL
595314	4172783	14.68772	GAS-SPIL
595334	4172783	19.84798	GAS-SPIL
595354	4172783	27.93344	GAS-SPIL
595374	4172783	39.93894	GAS-SPIL
595394	4172783	52.26765	GAS-SPIL
595414	4172783	53.59292	GAS-SPIL
595434	4172783	46.15751	GAS-SPIL
595454	4172783	37.32948	GAS-SPIL
595514	4172783	18.44622	GAS-SPIL
595534	4172783	15.03568	GAS-SPIL
595554	4172783	12.55071	GAS-SPIL
595574	4172783	10.67582	GAS-SPIL
595594	4172783	9.21264	GAS-SPIL
595614	4172783	8.05294	GAS-SPIL
595634	4172783	7.1038	GAS-SPIL
595654	4172783	6.31656	GAS-SPIL
595674	4172783	5.65002	GAS-SPIL
595694	4172783	5.08855	GAS-SPIL
595714	4172783	4.62013	GAS-SPIL
595734	4172783	4.20608	GAS-SPIL
595754	4172783	3.8446	GAS-SPIL
595774	4172783	3.52881	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172783	3.25069	GAS-SPIL
595814	4172783	3.00164	GAS-SPIL
594894	4172803	0.81088	GAS-SPIL
594914	4172803	0.86066	GAS-SPIL
594934	4172803	0.91706	GAS-SPIL
594954	4172803	0.9776	GAS-SPIL
594974	4172803	1.04638	GAS-SPIL
595274	4172803	6.94454	GAS-SPIL
595294	4172803	8.54635	GAS-SPIL
595314	4172803	10.75804	GAS-SPIL
595334	4172803	14.38608	GAS-SPIL
595354	4172803	18.56511	GAS-SPIL
595374	4172803	24.32806	GAS-SPIL
595394	4172803	30.28004	GAS-SPIL
595414	4172803	33.0983	GAS-SPIL
595434	4172803	30.99778	GAS-SPIL
595454	4172803	27.10783	GAS-SPIL
595474	4172803	23.0832	GAS-SPIL
595494	4172803	19.30114	GAS-SPIL
595514	4172803	15.98665	GAS-SPIL
595534	4172803	13.23327	GAS-SPIL
595554	4172803	11.07894	GAS-SPIL
595574	4172803	9.43738	GAS-SPIL
595594	4172803	8.16137	GAS-SPIL
595614	4172803	7.16912	GAS-SPIL
595634	4172803	6.36338	GAS-SPIL
595654	4172803	5.69432	GAS-SPIL
595674	4172803	5.1295	GAS-SPIL
595694	4172803	4.6408	GAS-SPIL
595714	4172803	4.22104	GAS-SPIL
595734	4172803	3.86522	GAS-SPIL
595754	4172803	3.55081	GAS-SPIL
595774	4172803	3.27338	GAS-SPIL
595794	4172803	3.02622	GAS-SPIL
595814	4172803	2.80631	GAS-SPIL
594874	4172823	0.70419	GAS-SPIL
594894	4172823	0.74587	GAS-SPIL
594914	4172823	0.79144	GAS-SPIL
594934	4172823	0.8413	GAS-SPIL
594954	4172823	0.89553	GAS-SPIL
595254	4172823	4.81673	GAS-SPIL
595274	4172823	5.70307	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595294	4172823	6.78185	GAS-SPIL
595314	4172823	8.50629	GAS-SPIL
595334	4172823	10.6538	GAS-SPIL
595354	4172823	13.14107	GAS-SPIL
595374	4172823	16.49403	GAS-SPIL
595394	4172823	19.77224	GAS-SPIL
595414	4172823	22.13149	GAS-SPIL
595434	4172823	21.87821	GAS-SPIL
595454	4172823	20.07628	GAS-SPIL
595474	4172823	17.85445	GAS-SPIL
595494	4172823	15.6847	GAS-SPIL
595514	4172823	13.62111	GAS-SPIL
595534	4172823	11.71474	GAS-SPIL
595554	4172823	10.00646	GAS-SPIL
595574	4172823	8.56803	GAS-SPIL
595594	4172823	7.40561	GAS-SPIL
595614	4172823	6.49269	GAS-SPIL
595634	4172823	5.76108	GAS-SPIL
595654	4172823	5.16688	GAS-SPIL
595674	4172823	4.6708	GAS-SPIL
595694	4172823	4.23228	GAS-SPIL
595714	4172823	3.8674	GAS-SPIL
595734	4172823	3.55767	GAS-SPIL
595754	4172823	3.2815	GAS-SPIL
595774	4172823	3.03671	GAS-SPIL
595794	4172823	2.81847	GAS-SPIL
595814	4172823	2.62209	GAS-SPIL
594874	4172843	0.65737	GAS-SPIL
594894	4172843	0.69285	GAS-SPIL
594914	4172843	0.73421	GAS-SPIL
594934	4172843	0.77934	GAS-SPIL
594954	4172843	0.8283	GAS-SPIL
595254	4172843	4.09447	GAS-SPIL
595274	4172843	4.72826	GAS-SPIL
595294	4172843	5.59135	GAS-SPIL
595314	4172843	6.92175	GAS-SPIL
595334	4172843	8.17516	GAS-SPIL
595354	4172843	9.83758	GAS-SPIL
595374	4172843	11.88386	GAS-SPIL
595394	4172843	13.88497	GAS-SPIL
595414	4172843	15.75651	GAS-SPIL
595434	4172843	16.13936	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595454	4172843	15.31243	GAS-SPIL
595474	4172843	14.02401	GAS-SPIL
595494	4172843	12.70143	GAS-SPIL
595514	4172843	11.4096	GAS-SPIL
595534	4172843	10.15509	GAS-SPIL
595554	4172843	8.96341	GAS-SPIL
595574	4172843	7.8554	GAS-SPIL
595594	4172843	6.85567	GAS-SPIL
595614	4172843	6.00206	GAS-SPIL
595634	4172843	5.31431	GAS-SPIL
595654	4172843	4.75312	GAS-SPIL
595674	4172843	4.29172	GAS-SPIL
595694	4172843	3.8731	GAS-SPIL
595714	4172843	3.56765	GAS-SPIL
595734	4172843	3.28821	GAS-SPIL
595754	4172843	3.04282	GAS-SPIL
595774	4172843	2.82528	GAS-SPIL
595794	4172843	2.63105	GAS-SPIL
595814	4172843	2.45612	GAS-SPIL
594854	4172863	0.58471	GAS-SPIL
594874	4172863	0.61596	GAS-SPIL
594894	4172863	0.64789	GAS-SPIL
594914	4172863	0.68486	GAS-SPIL
594934	4172863	0.72852	GAS-SPIL
595234	4172863	3.09947	GAS-SPIL
595254	4172863	3.46806	GAS-SPIL
595274	4172863	3.95991	GAS-SPIL
595294	4172863	4.77805	GAS-SPIL
595314	4172863	5.623	GAS-SPIL
595334	4172863	6.51124	GAS-SPIL
595354	4172863	7.64501	GAS-SPIL
595374	4172863	9.00949	GAS-SPIL
595394	4172863	10.28366	GAS-SPIL
595414	4172863	11.67601	GAS-SPIL
595434	4172863	12.31699	GAS-SPIL
595454	4172863	12.02281	GAS-SPIL
595474	4172863	11.27474	GAS-SPIL
595494	4172863	10.42278	GAS-SPIL
595514	4172863	9.53448	GAS-SPIL
595534	4172863	8.67138	GAS-SPIL
595554	4172863	7.87408	GAS-SPIL
595574	4172863	7.11465	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172863	6.3539	GAS-SPIL
595614	4172863	5.64261	GAS-SPIL
595634	4172863	4.98977	GAS-SPIL
595654	4172863	4.45089	GAS-SPIL
595674	4172863	3.99621	GAS-SPIL
595694	4172863	3.61494	GAS-SPIL
595714	4172863	3.31497	GAS-SPIL
595734	4172863	3.05596	GAS-SPIL
595754	4172863	2.83162	GAS-SPIL
595774	4172863	2.63444	GAS-SPIL
595794	4172863	2.45908	GAS-SPIL
594854	4172883	0.54954	GAS-SPIL
594874	4172883	0.57862	GAS-SPIL
594894	4172883	0.61129	GAS-SPIL
594914	4172883	0.64915	GAS-SPIL
595234	4172883	2.6965	GAS-SPIL
595254	4172883	2.99618	GAS-SPIL
595274	4172883	3.46735	GAS-SPIL
595294	4172883	4.06869	GAS-SPIL
595314	4172883	4.61444	GAS-SPIL
595334	4172883	5.31971	GAS-SPIL
595354	4172883	6.19306	GAS-SPIL
595374	4172883	7.12159	GAS-SPIL
595394	4172883	7.97354	GAS-SPIL
595414	4172883	8.98649	GAS-SPIL
595434	4172883	9.69439	GAS-SPIL
595454	4172883	9.63176	GAS-SPIL
595474	4172883	9.20369	GAS-SPIL
595494	4172883	8.64243	GAS-SPIL
595514	4172883	8.054	GAS-SPIL
595534	4172883	7.4347	GAS-SPIL
595554	4172883	6.85792	GAS-SPIL
595574	4172883	6.31997	GAS-SPIL
595594	4172883	5.77517	GAS-SPIL
595614	4172883	5.23575	GAS-SPIL
595634	4172883	4.71338	GAS-SPIL
595654	4172883	4.23265	GAS-SPIL
595674	4172883	3.764	GAS-SPIL
595694	4172883	3.42119	GAS-SPIL
595714	4172883	3.12146	GAS-SPIL
595734	4172883	2.86902	GAS-SPIL
595754	4172883	2.65432	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172883	2.46902	GAS-SPIL
595794	4172883	2.30631	GAS-SPIL
594854	4172903	0.5236	GAS-SPIL
594874	4172903	0.55433	GAS-SPIL
594894	4172903	0.58947	GAS-SPIL
594914	4172903	0.6305	GAS-SPIL
595234	4172903	2.36485	GAS-SPIL
595254	4172903	2.66862	GAS-SPIL
595274	4172903	3.08553	GAS-SPIL
595294	4172903	3.48869	GAS-SPIL
595314	4172903	3.89451	GAS-SPIL
595334	4172903	4.43109	GAS-SPIL
595354	4172903	5.04436	GAS-SPIL
595374	4172903	5.71887	GAS-SPIL
595394	4172903	6.40188	GAS-SPIL
595414	4172903	7.15781	GAS-SPIL
595434	4172903	7.7777	GAS-SPIL
595454	4172903	7.88736	GAS-SPIL
595474	4172903	7.63696	GAS-SPIL
595494	4172903	7.26165	GAS-SPIL
595514	4172903	6.84218	GAS-SPIL
595534	4172903	6.40584	GAS-SPIL
595554	4172903	5.97769	GAS-SPIL
595574	4172903	5.56418	GAS-SPIL
595594	4172903	5.16223	GAS-SPIL
595614	4172903	4.7767	GAS-SPIL
595634	4172903	4.39334	GAS-SPIL
595654	4172903	4.00501	GAS-SPIL
595674	4172903	3.59427	GAS-SPIL
595694	4172903	3.2763	GAS-SPIL
595714	4172903	2.98297	GAS-SPIL
595734	4172903	2.73105	GAS-SPIL
595754	4172903	2.51682	GAS-SPIL
595774	4172903	2.3343	GAS-SPIL
595794	4172903	2.17703	GAS-SPIL
594854	4172923	0.50948	GAS-SPIL
594874	4172923	0.54327	GAS-SPIL
594894	4172923	0.58113	GAS-SPIL
594914	4172923	0.62406	GAS-SPIL
595254	4172923	2.42598	GAS-SPIL
595274	4172923	2.73695	GAS-SPIL
595294	4172923	3.0143	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4172923	3.34646	GAS-SPIL
595334	4172923	3.76997	GAS-SPIL
595354	4172923	4.22972	GAS-SPIL
595374	4172923	4.71381	GAS-SPIL
595394	4172923	5.19625	GAS-SPIL
595414	4172923	5.77957	GAS-SPIL
595434	4172923	6.35015	GAS-SPIL
595454	4172923	6.56412	GAS-SPIL
595474	4172923	6.44925	GAS-SPIL
595494	4172923	6.17618	GAS-SPIL
595514	4172923	5.87088	GAS-SPIL
595534	4172923	5.55609	GAS-SPIL
595554	4172923	5.24334	GAS-SPIL
595574	4172923	4.91005	GAS-SPIL
595594	4172923	4.5939	GAS-SPIL
595614	4172923	4.30942	GAS-SPIL
595634	4172923	4.0273	GAS-SPIL
595654	4172923	3.7026	GAS-SPIL
595674	4172923	3.4245	GAS-SPIL
595694	4172923	3.14239	GAS-SPIL
595714	4172923	2.87474	GAS-SPIL
595734	4172923	2.63189	GAS-SPIL
595754	4172923	2.41829	GAS-SPIL
595774	4172923	2.23381	GAS-SPIL
595314	4172943	2.91828	GAS-SPIL
595334	4172943	3.24172	GAS-SPIL
595354	4172943	3.61137	GAS-SPIL
595374	4172943	3.97753	GAS-SPIL
595394	4172943	4.34942	GAS-SPIL
595414	4172943	4.77877	GAS-SPIL
595434	4172943	5.25112	GAS-SPIL
595454	4172943	5.51153	GAS-SPIL
595474	4172943	5.4946	GAS-SPIL
595494	4172943	5.32686	GAS-SPIL
595514	4172943	5.09962	GAS-SPIL
595534	4172943	4.86158	GAS-SPIL
595554	4172943	4.62184	GAS-SPIL
595574	4172943	4.36086	GAS-SPIL
595594	4172943	4.1075	GAS-SPIL
595614	4172943	3.8718	GAS-SPIL
595634	4172943	3.64911	GAS-SPIL
595654	4172943	3.38991	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172943	3.19305	GAS-SPIL
595694	4172943	2.98315	GAS-SPIL
595714	4172943	2.76155	GAS-SPIL
595734	4172943	2.54579	GAS-SPIL
595754	4172943	2.34418	GAS-SPIL
595774	4172943	2.16226	GAS-SPIL
595314	4172963	2.56223	GAS-SPIL
595334	4172963	2.83893	GAS-SPIL
595354	4172963	3.12659	GAS-SPIL
595374	4172963	3.41009	GAS-SPIL
595394	4172963	3.68949	GAS-SPIL
595414	4172963	4.02105	GAS-SPIL
595434	4172963	4.41364	GAS-SPIL
595454	4172963	4.683	GAS-SPIL
595474	4172963	4.72019	GAS-SPIL
595494	4172963	4.62258	GAS-SPIL
595514	4172963	4.45749	GAS-SPIL
595534	4172963	4.27362	GAS-SPIL
595554	4172963	4.08895	GAS-SPIL
595574	4172963	3.89683	GAS-SPIL
595594	4172963	3.69523	GAS-SPIL
595614	4172963	3.49599	GAS-SPIL
595634	4172963	3.28323	GAS-SPIL
595654	4172963	3.10364	GAS-SPIL
595674	4172963	2.94676	GAS-SPIL
595694	4172963	2.78576	GAS-SPIL
595714	4172963	2.61685	GAS-SPIL
595734	4172963	2.44286	GAS-SPIL
595754	4172963	2.26902	GAS-SPIL
595314	4172983	2.27585	GAS-SPIL
595334	4172983	2.50144	GAS-SPIL
595354	4172983	2.73332	GAS-SPIL
595374	4172983	2.9578	GAS-SPIL
595394	4172983	3.18065	GAS-SPIL
595414	4172983	3.43832	GAS-SPIL
595434	4172983	3.76014	GAS-SPIL
595454	4172983	4.0226	GAS-SPIL
595474	4172983	4.10372	GAS-SPIL
595494	4172983	4.05333	GAS-SPIL
595514	4172983	3.92713	GAS-SPIL
595534	4172983	3.78164	GAS-SPIL
595554	4172983	3.63559	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172983	3.48313	GAS-SPIL
595594	4172983	3.33094	GAS-SPIL
595614	4172983	3.17273	GAS-SPIL
595634	4172983	2.96899	GAS-SPIL
595654	4172983	2.83886	GAS-SPIL
595674	4172983	2.70615	GAS-SPIL
595694	4172983	2.58133	GAS-SPIL
595714	4172983	2.45543	GAS-SPIL
595734	4172983	2.32309	GAS-SPIL
595754	4172983	2.18423	GAS-SPIL
595314	4173003	2.04405	GAS-SPIL
595334	4173003	2.22013	GAS-SPIL
595354	4173003	2.4077	GAS-SPIL
595374	4173003	2.59103	GAS-SPIL
595394	4173003	2.76761	GAS-SPIL
595414	4173003	2.97481	GAS-SPIL
595434	4173003	3.23765	GAS-SPIL
595454	4173003	3.48288	GAS-SPIL
595474	4173003	3.59441	GAS-SPIL
595494	4173003	3.57874	GAS-SPIL
595514	4173003	3.49196	GAS-SPIL
595534	4173003	3.37664	GAS-SPIL
595554	4173003	3.25389	GAS-SPIL
595574	4173003	3.12813	GAS-SPIL
595594	4173003	3.01062	GAS-SPIL
595614	4173003	2.87711	GAS-SPIL
595634	4173003	2.7287	GAS-SPIL
595654	4173003	2.60419	GAS-SPIL
595674	4173003	2.48421	GAS-SPIL
595694	4173003	2.37671	GAS-SPIL
595714	4173003	2.27665	GAS-SPIL
595734	4173003	2.17663	GAS-SPIL
595294	4173023	1.69645	GAS-SPIL
595314	4173023	1.83343	GAS-SPIL
595334	4173023	1.98816	GAS-SPIL
595354	4173023	2.14135	GAS-SPIL
595374	4173023	2.29018	GAS-SPIL
595394	4173023	2.43571	GAS-SPIL
595414	4173023	2.60245	GAS-SPIL
595434	4173023	2.81335	GAS-SPIL
595454	4173023	3.03287	GAS-SPIL
595474	4173023	3.16355	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4173023	3.18045	GAS-SPIL
595514	4173023	3.12337	GAS-SPIL
595534	4173023	3.03444	GAS-SPIL
595554	4173023	2.9309	GAS-SPIL
595574	4173023	2.82641	GAS-SPIL
595594	4173023	2.73106	GAS-SPIL
595614	4173023	2.60029	GAS-SPIL
595634	4173023	2.5107	GAS-SPIL
595654	4173023	2.40116	GAS-SPIL
595674	4173023	2.29299	GAS-SPIL
595694	4173023	2.1938	GAS-SPIL
595714	4173023	2.1054	GAS-SPIL
595294	4173043	1.54595	GAS-SPIL
595314	4173043	1.66358	GAS-SPIL
595334	4173043	1.79267	GAS-SPIL
595354	4173043	1.91819	GAS-SPIL
595374	4173043	2.04163	GAS-SPIL
595394	4173043	2.16166	GAS-SPIL
595414	4173043	2.29456	GAS-SPIL
595434	4173043	2.46914	GAS-SPIL
595454	4173043	2.6624	GAS-SPIL
595474	4173043	2.79888	GAS-SPIL
595494	4173043	2.84015	GAS-SPIL
595514	4173043	2.80669	GAS-SPIL
595534	4173043	2.73799	GAS-SPIL
595554	4173043	2.65454	GAS-SPIL
595574	4173043	2.56746	GAS-SPIL
595594	4173043	2.48291	GAS-SPIL
595614	4173043	2.37743	GAS-SPIL
595634	4173043	2.30759	GAS-SPIL
595654	4173043	2.21955	GAS-SPIL
595674	4173043	2.1268	GAS-SPIL
595694	4173043	2.0359	GAS-SPIL
595294	4173063	1.41492	GAS-SPIL
595314	4173063	1.5176	GAS-SPIL
595334	4173063	1.62472	GAS-SPIL
595354	4173063	1.72941	GAS-SPIL
595374	4173063	1.83236	GAS-SPIL
595394	4173063	1.92931	GAS-SPIL
595414	4173063	2.03836	GAS-SPIL
595434	4173063	2.18304	GAS-SPIL
595454	4173063	2.35389	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4173063	2.49101	GAS-SPIL
595494	4173063	2.55012	GAS-SPIL
595514	4173063	2.53621	GAS-SPIL
595534	4173063	2.48455	GAS-SPIL
595554	4173063	2.41803	GAS-SPIL
595574	4173063	2.34108	GAS-SPIL
595594	4173063	2.2553	GAS-SPIL
595614	4173063	2.18493	GAS-SPIL
595634	4173063	2.12256	GAS-SPIL
595654	4173063	2.05296	GAS-SPIL
595354	4173083	1.56712	GAS-SPIL
595374	4173083	1.65167	GAS-SPIL
595394	4173083	1.73299	GAS-SPIL
595414	4173083	1.82415	GAS-SPIL
595434	4173083	1.94497	GAS-SPIL
595454	4173083	2.09421	GAS-SPIL
595474	4173083	2.2276	GAS-SPIL
595494	4173083	2.30213	GAS-SPIL
595514	4173083	2.30539	GAS-SPIL
595534	4173083	2.26371	GAS-SPIL
595554	4173083	2.21256	GAS-SPIL
595574	4173083	2.14666	GAS-SPIL
595594	4173083	2.08137	GAS-SPIL
595614	4173083	1.99964	GAS-SPIL
595334	4173103	1.35111	GAS-SPIL
595354	4173103	1.42553	GAS-SPIL
595374	4173103	1.49732	GAS-SPIL
595394	4173103	1.56629	GAS-SPIL
595414	4173103	1.64323	GAS-SPIL
595434	4173103	1.7448	GAS-SPIL
595454	4173103	1.87482	GAS-SPIL
595474	4173103	2.00128	GAS-SPIL
595494	4173103	2.0819	GAS-SPIL
595514	4173103	2.09144	GAS-SPIL
595534	4173103	2.07121	GAS-SPIL
595334	4173123	1.23845	GAS-SPIL
595354	4173123	1.30178	GAS-SPIL
595374	4173123	1.3641	GAS-SPIL
595394	4173123	1.42372	GAS-SPIL
595414	4173123	1.49002	GAS-SPIL
595434	4173123	1.57635	GAS-SPIL
595454	4173123	1.68868	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4173123	1.80636	GAS-SPIL
595494	4173123	1.88818	GAS-SPIL
595514	4173123	1.90957	GAS-SPIL
595354	4173143	1.19507	GAS-SPIL
595374	4173143	1.24988	GAS-SPIL
595394	4173143	1.30313	GAS-SPIL
595414	4173143	1.36596	GAS-SPIL
595434	4173143	1.43809	GAS-SPIL
595494	4173143	1.71128	GAS-SPIL
595354	4173163	1.10413	GAS-SPIL
595374	4173163	1.15149	GAS-SPIL
595394	4173163	1.19711	GAS-SPIL
595414	4173163	1.24974	GAS-SPIL
595434	4173163	1.31092	GAS-SPIL
595374	4173183	1.06466	GAS-SPIL
595394	4173183	1.10414	GAS-SPIL
595414	4173183	1.1468	GAS-SPIL
595434	4173183	1.19988	GAS-SPIL
595203.12	4172931.43	1.78743	GAS-SPIL
595305.29	4173022.49	1.77467	GAS-SPIL
596059.85	4172738.92	1.52833	GAS-SPIL
595782.4	4171913.24	0.26585	GAS-SPIL
595790.49	4171877.76	0.24491	GAS-SPIL
595826.59	4171700.37	0.17246	GAS-SPIL
595857.85	4171568.4	0.13822	GAS-SPIL
595427.66	4172811.08	27.42753	GAS-SPIL
595616.96	4172890.78	4.99408	GAS-SPIL
595465.61	4172972.42	4.4109	GAS-SPIL
595413.93	4172953.11	4.36949	GAS-SPIL
595207.62	4172857.58	2.72134	GAS-SPIL
595229.35	4172793.73	4.70665	GAS-SPIL
595251.41	4172717.21	16.95351	GAS-SPIL
595276.16	4172654.64	31.21787	GAS-SPIL
595286.24	4171790.65	0.20348	GAS-SPIL
595306.24	4171790.65	0.20396	GAS-SPIL
595326.24	4171790.65	0.2044	GAS-SPIL
595266.24	4171810.65	0.2113	GAS-SPIL
595286.24	4171810.65	0.21121	GAS-SPIL
595306.24	4171810.65	0.21206	GAS-SPIL
595326.24	4171810.65	0.21241	GAS-SPIL
595246.24	4171830.65	0.22089	GAS-SPIL
595266.24	4171830.65	0.21976	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595286.24	4171830.65	0.21972	GAS-SPIL
595306.24	4171830.65	0.22047	GAS-SPIL
595326.24	4171830.65	0.22099	GAS-SPIL
595226.24	4171850.65	0.23231	GAS-SPIL
595246.24	4171850.65	0.23047	GAS-SPIL
595266.24	4171850.65	0.22924	GAS-SPIL
595286.24	4171850.65	0.22904	GAS-SPIL
595306.24	4171850.65	0.22957	GAS-SPIL
595326.24	4171850.65	0.23013	GAS-SPIL
595206.24	4171870.65	0.24525	GAS-SPIL
595226.24	4171870.65	0.24293	GAS-SPIL
595246.24	4171870.65	0.2406	GAS-SPIL
595266.24	4171870.65	0.23902	GAS-SPIL
595286.24	4171870.65	0.23872	GAS-SPIL
595306.24	4171870.65	0.23923	GAS-SPIL
595186.24	4171890.65	0.25765	GAS-SPIL
595206.24	4171890.65	0.25636	GAS-SPIL
595226.24	4171890.65	0.25394	GAS-SPIL
595246.24	4171890.65	0.25144	GAS-SPIL
595266.24	4171890.65	0.24966	GAS-SPIL
595286.24	4171890.65	0.24918	GAS-SPIL
595306.24	4171890.65	0.24962	GAS-SPIL
595186.24	4171910.65	0.26903	GAS-SPIL
595206.24	4171910.65	0.26798	GAS-SPIL
595226.24	4171910.65	0.26574	GAS-SPIL
595246.24	4171910.65	0.26316	GAS-SPIL
595266.24	4171910.65	0.26122	GAS-SPIL
595286.24	4171910.65	0.26035	GAS-SPIL
595306.24	4171910.65	0.26079	GAS-SPIL
595166.24	4171930.65	0.2802	GAS-SPIL
595186.24	4171930.65	0.28113	GAS-SPIL
595206.24	4171930.65	0.28062	GAS-SPIL
595226.24	4171930.65	0.27838	GAS-SPIL
595246.24	4171930.65	0.27585	GAS-SPIL
595266.24	4171930.65	0.27351	GAS-SPIL
595286.24	4171930.65	0.27248	GAS-SPIL
595166.24	4171950.65	0.29283	GAS-SPIL
595186.24	4171950.65	0.29407	GAS-SPIL
595206.24	4171950.65	0.2939	GAS-SPIL
595226.24	4171950.65	0.29181	GAS-SPIL
595246.24	4171950.65	0.28925	GAS-SPIL
595266.24	4171950.65	0.28676	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595286.24	4171950.65	0.28564	GAS-SPIL
595146.24	4171970.65	0.30392	GAS-SPIL
595166.24	4171970.65	0.30591	GAS-SPIL
595186.24	4171970.65	0.30775	GAS-SPIL
595206.24	4171970.65	0.30808	GAS-SPIL
595226.24	4171970.65	0.30644	GAS-SPIL
595246.24	4171970.65	0.30405	GAS-SPIL
595266.24	4171970.65	0.30129	GAS-SPIL
595146.24	4171990.65	0.31835	GAS-SPIL
595166.24	4171990.65	0.32038	GAS-SPIL
595186.24	4171990.65	0.32255	GAS-SPIL
595206.24	4171990.65	0.32337	GAS-SPIL
595852.66	4171825.33	0.22311	GAS-SPIL
595852.66	4171845.33	0.23383	GAS-SPIL
595852.66	4171865.33	0.24583	GAS-SPIL
595872.66	4171865.33	0.2506	GAS-SPIL
595892.66	4171865.33	0.25665	GAS-SPIL
595832.66	4171885.33	0.25485	GAS-SPIL
595852.66	4171885.33	0.25934	GAS-SPIL
595872.66	4171885.33	0.26525	GAS-SPIL
595892.66	4171885.33	0.27248	GAS-SPIL
595832.66	4171905.33	0.26874	GAS-SPIL
595852.66	4171905.33	0.27463	GAS-SPIL
595872.66	4171905.33	0.28186	GAS-SPIL
595892.66	4171905.33	0.29016	GAS-SPIL
595912.66	4171905.33	0.29927	GAS-SPIL
595832.66	4171925.33	0.28421	GAS-SPIL
595852.66	4171925.33	0.29137	GAS-SPIL
595872.66	4171925.33	0.29991	GAS-SPIL
595892.66	4171925.33	0.30969	GAS-SPIL
595912.66	4171925.33	0.32023	GAS-SPIL
595852.66	4171945.33	0.31074	GAS-SPIL
595872.66	4171945.33	0.32048	GAS-SPIL
595892.66	4171945.33	0.33129	GAS-SPIL
595912.66	4171945.33	0.34281	GAS-SPIL
595932.66	4171945.33	0.35459	GAS-SPIL
595102.43	4172101.44	0.44749	GAS-SPIL
595122.43	4172101.44	0.43739	GAS-SPIL
595142.43	4172101.44	0.43104	GAS-SPIL
595102.43	4172121.44	0.48067	GAS-SPIL
595122.43	4172121.44	0.46818	GAS-SPIL
595142.43	4172121.44	0.45969	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595082.43	4172141.44	0.5337	GAS-SPIL
595102.43	4172141.44	0.51799	GAS-SPIL
595122.43	4172141.44	0.5036	GAS-SPIL
595142.43	4172141.44	0.49242	GAS-SPIL
595082.43	4172161.44	0.5775	GAS-SPIL
595102.43	4172161.44	0.56105	GAS-SPIL
595122.43	4172161.44	0.54404	GAS-SPIL
595142.43	4172161.44	0.52992	GAS-SPIL
595082.43	4172181.44	0.6265	GAS-SPIL
595102.43	4172181.44	0.60848	GAS-SPIL
595122.43	4172181.44	0.58992	GAS-SPIL
595142.43	4172181.44	0.57282	GAS-SPIL
595062.43	4172201.44	0.70013	GAS-SPIL
595082.43	4172201.44	0.68143	GAS-SPIL
595102.43	4172201.44	0.66229	GAS-SPIL
595122.43	4172201.44	0.64179	GAS-SPIL
595142.43	4172201.44	0.62197	GAS-SPIL
595162.43	4172201.44	0.60517	GAS-SPIL
595062.43	4172221.44	0.7646	GAS-SPIL
595082.43	4172221.44	0.74379	GAS-SPIL
595102.43	4172221.44	0.72316	GAS-SPIL
595122.43	4172221.44	0.70053	GAS-SPIL
595142.43	4172221.44	0.67788	GAS-SPIL
595162.43	4172221.44	0.65718	GAS-SPIL
595062.43	4172241.44	0.83941	GAS-SPIL
595082.43	4172241.44	0.81579	GAS-SPIL
595102.43	4172241.44	0.79216	GAS-SPIL
595122.43	4172241.44	0.76774	GAS-SPIL
595142.43	4172241.44	0.74328	GAS-SPIL
595162.43	4172241.44	0.7197	GAS-SPIL
595062.43	4172261.44	0.92728	GAS-SPIL
595082.43	4172261.44	0.90012	GAS-SPIL
595102.43	4172261.44	0.87129	GAS-SPIL
595122.43	4172261.44	0.84451	GAS-SPIL
595142.43	4172261.44	0.81821	GAS-SPIL
595042.43	4172281.44	1.06544	GAS-SPIL
595062.43	4172281.44	1.02996	GAS-SPIL
595082.43	4172281.44	0.99734	GAS-SPIL
595102.43	4172281.44	0.96291	GAS-SPIL
595122.43	4172281.44	0.93539	GAS-SPIL
595142.43	4172281.44	0.90459	GAS-SPIL
595162.43	4172281.44	0.87221	GAS-SPIL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595042.43	4172301.44	1.19445	GAS-SPIL
595062.43	4172301.44	1.15217	GAS-SPIL
595082.43	4172301.44	1.1111	GAS-SPIL
595102.43	4172301.44	1.07205	GAS-SPIL
595122.43	4172301.44	1.03835	GAS-SPIL
595142.43	4172301.44	1.0042	GAS-SPIL
595162.43	4172301.44	0.96882	GAS-SPIL
595042.43	4172321.44	1.34911	GAS-SPIL
595062.43	4172321.44	1.29938	GAS-SPIL
595082.43	4172321.44	1.24472	GAS-SPIL
595102.43	4172321.44	1.20131	GAS-SPIL
595122.43	4172321.44	1.15998	GAS-SPIL
595142.43	4172321.44	1.12186	GAS-SPIL
595162.43	4172321.44	1.0815	GAS-SPIL
595022.43	4172341.44	1.57842	GAS-SPIL
595042.43	4172341.44	1.53076	GAS-SPIL
595062.43	4172341.44	1.47524	GAS-SPIL
595082.43	4172341.44	1.41654	GAS-SPIL
595102.43	4172341.44	1.3596	GAS-SPIL
595122.43	4172341.44	1.30678	GAS-SPIL
595142.43	4172341.44	1.26146	GAS-SPIL
595162.43	4172341.44	1.21531	GAS-SPIL
595509.2	4172311.1	0.88234	GAS-SPIL
595453.66	4172369.33	1.18102	GAS-SPIL
595568.33	4173021.18	2.8807	GAS-SPIL
595515	4172097	0.41363	GAS-SPIL
595271.59	4172931.11	2.57028	GAS-SPIL
595259.54	4172956.67	2.10152	GAS-SPIL
595229.53	4172979.48	1.64164	GAS-SPIL
595158.78	4172948.61	1.39333	GAS-SPIL
595424.36	4172061.47	0.37129	GAS-SPIL
595637.78	4172033.56	0.34172	GAS-SPIL
595497.98	4172569.45	8.30729	GAS-SPIL
595440.32	4172695.89	130.3739	GAS-SPIL
595531.7	4172736.24	22.62592	GAS-SPIL
595503.43	4172797.49	18.49982	GAS-SPIL
595293.61	4172706.67	43.23318	GAS-SPIL
595216.89	4172907.31	2.13498	GAS-SPIL
595554	4171743	1.37202	OTHR-EXH
595574	4171743	1.39315	OTHR-EXH
595594	4171743	1.40303	OTHR-EXH
595614	4171743	1.43395	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4171743	1.46242	OTHR-EXH
595654	4171743	1.49284	OTHR-EXH
595674	4171743	1.53264	OTHR-EXH
595694	4171743	1.58656	OTHR-EXH
595714	4171743	1.62746	OTHR-EXH
595534	4171763	1.49984	OTHR-EXH
595554	4171763	1.49801	OTHR-EXH
595574	4171763	1.51804	OTHR-EXH
595594	4171763	1.53337	OTHR-EXH
595614	4171763	1.56963	OTHR-EXH
595634	4171763	1.60485	OTHR-EXH
595654	4171763	1.63697	OTHR-EXH
595674	4171763	1.68291	OTHR-EXH
595694	4171763	1.73547	OTHR-EXH
595714	4171763	1.79134	OTHR-EXH
595734	4171763	1.86143	OTHR-EXH
595754	4171763	1.92441	OTHR-EXH
595774	4171763	1.99142	OTHR-EXH
595314	4171783	1.7231	OTHR-EXH
595334	4171783	1.71774	OTHR-EXH
595534	4171783	1.64006	OTHR-EXH
595554	4171783	1.64781	OTHR-EXH
595574	4171783	1.66458	OTHR-EXH
595594	4171783	1.68388	OTHR-EXH
595614	4171783	1.71467	OTHR-EXH
595634	4171783	1.76656	OTHR-EXH
595654	4171783	1.80749	OTHR-EXH
595674	4171783	1.86147	OTHR-EXH
595694	4171783	1.91274	OTHR-EXH
595714	4171783	1.98934	OTHR-EXH
595734	4171783	2.05847	OTHR-EXH
595754	4171783	2.1285	OTHR-EXH
595774	4171783	2.20744	OTHR-EXH
595794	4171783	2.28791	OTHR-EXH
595274	4171803	1.88536	OTHR-EXH
595294	4171803	1.88487	OTHR-EXH
595314	4171803	1.88374	OTHR-EXH
595334	4171803	1.87995	OTHR-EXH
595534	4171803	1.81328	OTHR-EXH
595554	4171803	1.82106	OTHR-EXH
595574	4171803	1.84934	OTHR-EXH
595594	4171803	1.87551	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4171803	1.9121	OTHR-EXH
595634	4171803	1.95797	OTHR-EXH
595654	4171803	2.0025	OTHR-EXH
595674	4171803	2.05978	OTHR-EXH
595694	4171803	2.12447	OTHR-EXH
595714	4171803	2.20968	OTHR-EXH
595734	4171803	2.28898	OTHR-EXH
595754	4171803	2.36641	OTHR-EXH
595774	4171803	2.46053	OTHR-EXH
595794	4171803	2.5521	OTHR-EXH
595814	4171803	2.64291	OTHR-EXH
595254	4171823	2.04639	OTHR-EXH
595274	4171823	2.05271	OTHR-EXH
595294	4171823	2.05807	OTHR-EXH
595314	4171823	2.06337	OTHR-EXH
595334	4171823	2.06489	OTHR-EXH
595514	4171823	2.03222	OTHR-EXH
595534	4171823	2.02246	OTHR-EXH
595554	4171823	2.03509	OTHR-EXH
595574	4171823	2.04363	OTHR-EXH
595594	4171823	2.07493	OTHR-EXH
595614	4171823	2.13077	OTHR-EXH
595634	4171823	2.18117	OTHR-EXH
595654	4171823	2.24339	OTHR-EXH
595674	4171823	2.31563	OTHR-EXH
595694	4171823	2.376	OTHR-EXH
595714	4171823	2.47372	OTHR-EXH
595734	4171823	2.56337	OTHR-EXH
595754	4171823	2.65771	OTHR-EXH
595774	4171823	2.76121	OTHR-EXH
595794	4171823	2.86539	OTHR-EXH
595814	4171823	2.96659	OTHR-EXH
595834	4171823	3.05934	OTHR-EXH
595854	4171823	3.13391	OTHR-EXH
595234	4171843	2.21518	OTHR-EXH
595254	4171843	2.22944	OTHR-EXH
595274	4171843	2.24328	OTHR-EXH
595294	4171843	2.25497	OTHR-EXH
595314	4171843	2.26398	OTHR-EXH
595334	4171843	2.27313	OTHR-EXH
595514	4171843	2.27987	OTHR-EXH
595534	4171843	2.27671	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4171843	2.28857	OTHR-EXH
595574	4171843	2.3298	OTHR-EXH
595594	4171843	2.33712	OTHR-EXH
595614	4171843	2.4019	OTHR-EXH
595634	4171843	2.45725	OTHR-EXH
595654	4171843	2.52682	OTHR-EXH
595674	4171843	2.59396	OTHR-EXH
595694	4171843	2.68331	OTHR-EXH
595714	4171843	2.79167	OTHR-EXH
595734	4171843	2.89046	OTHR-EXH
595754	4171843	3.00497	OTHR-EXH
595774	4171843	3.12306	OTHR-EXH
595794	4171843	3.24315	OTHR-EXH
595814	4171843	3.35344	OTHR-EXH
595854	4171843	3.51418	OTHR-EXH
595874	4171843	3.55536	OTHR-EXH
595214	4171863	2.38069	OTHR-EXH
595234	4171863	2.40633	OTHR-EXH
595254	4171863	2.4308	OTHR-EXH
595274	4171863	2.45111	OTHR-EXH
595294	4171863	2.47244	OTHR-EXH
595314	4171863	2.48915	OTHR-EXH
595334	4171863	2.5067	OTHR-EXH
595514	4171863	2.58051	OTHR-EXH
595534	4171863	2.58943	OTHR-EXH
595554	4171863	2.60642	OTHR-EXH
595574	4171863	2.62874	OTHR-EXH
595594	4171863	2.66063	OTHR-EXH
595614	4171863	2.70495	OTHR-EXH
595634	4171863	2.78434	OTHR-EXH
595654	4171863	2.87292	OTHR-EXH
595674	4171863	2.93724	OTHR-EXH
595694	4171863	3.0612	OTHR-EXH
595714	4171863	3.1683	OTHR-EXH
595734	4171863	3.28673	OTHR-EXH
595754	4171863	3.42647	OTHR-EXH
595774	4171863	3.57245	OTHR-EXH
595794	4171863	3.71321	OTHR-EXH
595814	4171863	3.82833	OTHR-EXH
595834	4171863	3.90842	OTHR-EXH
595854	4171863	3.95476	OTHR-EXH
595874	4171863	3.96653	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595894	4171863	3.94493	OTHR-EXH
595194	4171883	2.55403	OTHR-EXH
595214	4171883	2.58888	OTHR-EXH
595234	4171883	2.62123	OTHR-EXH
595254	4171883	2.6515	OTHR-EXH
595274	4171883	2.68116	OTHR-EXH
595294	4171883	2.71175	OTHR-EXH
595314	4171883	2.73922	OTHR-EXH
595514	4171883	2.96177	OTHR-EXH
595534	4171883	2.98699	OTHR-EXH
595554	4171883	3.00883	OTHR-EXH
595574	4171883	3.03221	OTHR-EXH
595594	4171883	3.06936	OTHR-EXH
595614	4171883	3.11517	OTHR-EXH
595634	4171883	3.17961	OTHR-EXH
595654	4171883	3.28152	OTHR-EXH
595674	4171883	3.36683	OTHR-EXH
595694	4171883	3.50924	OTHR-EXH
595714	4171883	3.6403	OTHR-EXH
595734	4171883	3.78491	OTHR-EXH
595754	4171883	3.95078	OTHR-EXH
595774	4171883	4.12505	OTHR-EXH
595794	4171883	4.27165	OTHR-EXH
595814	4171883	4.39392	OTHR-EXH
595834	4171883	4.45367	OTHR-EXH
595854	4171883	4.46615	OTHR-EXH
595874	4171883	4.43547	OTHR-EXH
595894	4171883	4.36697	OTHR-EXH
595174	4171903	2.72178	OTHR-EXH
595194	4171903	2.76744	OTHR-EXH
595214	4171903	2.80942	OTHR-EXH
595234	4171903	2.85448	OTHR-EXH
595254	4171903	2.8979	OTHR-EXH
595274	4171903	2.93911	OTHR-EXH
595294	4171903	2.98012	OTHR-EXH
595314	4171903	3.02217	OTHR-EXH
595514	4171903	3.41983	OTHR-EXH
595534	4171903	3.46262	OTHR-EXH
595554	4171903	3.51299	OTHR-EXH
595574	4171903	3.56801	OTHR-EXH
595594	4171903	3.61271	OTHR-EXH
595614	4171903	3.66145	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4171903	3.70974	OTHR-EXH
595654	4171903	3.80458	OTHR-EXH
595674	4171903	3.91103	OTHR-EXH
595694	4171903	4.04732	OTHR-EXH
595714	4171903	4.21852	OTHR-EXH
595734	4171903	4.41447	OTHR-EXH
595754	4171903	4.63715	OTHR-EXH
595774	4171903	4.83961	OTHR-EXH
595794	4171903	4.99397	OTHR-EXH
595814	4171903	5.08076	OTHR-EXH
595834	4171903	5.0939	OTHR-EXH
595854	4171903	5.0501	OTHR-EXH
595874	4171903	4.9532	OTHR-EXH
595894	4171903	4.8185	OTHR-EXH
595914	4171903	4.65888	OTHR-EXH
595174	4171923	2.93729	OTHR-EXH
595194	4171923	2.9959	OTHR-EXH
595214	4171923	3.05577	OTHR-EXH
595234	4171923	3.11236	OTHR-EXH
595254	4171923	3.16981	OTHR-EXH
595274	4171923	3.22793	OTHR-EXH
595294	4171923	3.28032	OTHR-EXH
595534	4171923	4.07873	OTHR-EXH
595554	4171923	4.16502	OTHR-EXH
595574	4171923	4.24718	OTHR-EXH
595594	4171923	4.31845	OTHR-EXH
595614	4171923	4.37971	OTHR-EXH
595634	4171923	4.43442	OTHR-EXH
595654	4171923	4.50143	OTHR-EXH
595674	4171923	4.61141	OTHR-EXH
595694	4171923	4.75077	OTHR-EXH
595714	4171923	4.98737	OTHR-EXH
595734	4171923	5.24793	OTHR-EXH
595754	4171923	5.529	OTHR-EXH
595774	4171923	5.75853	OTHR-EXH
595794	4171923	5.88853	OTHR-EXH
595814	4171923	5.91007	OTHR-EXH
595834	4171923	5.83456	OTHR-EXH
595854	4171923	5.69679	OTHR-EXH
595874	4171923	5.50773	OTHR-EXH
595894	4171923	5.29004	OTHR-EXH
595914	4171923	5.05766	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595154	4171943	3.09763	OTHR-EXH
595174	4171943	3.17052	OTHR-EXH
595194	4171943	3.24598	OTHR-EXH
595214	4171943	3.31795	OTHR-EXH
595234	4171943	3.39241	OTHR-EXH
595254	4171943	3.4707	OTHR-EXH
595274	4171943	3.54474	OTHR-EXH
595294	4171943	3.61925	OTHR-EXH
595534	4171943	4.85378	OTHR-EXH
595554	4171943	5.00551	OTHR-EXH
595574	4171943	5.1565	OTHR-EXH
595594	4171943	5.27841	OTHR-EXH
595614	4171943	5.36418	OTHR-EXH
595634	4171943	5.41429	OTHR-EXH
595654	4171943	5.45523	OTHR-EXH
595674	4171943	5.54663	OTHR-EXH
595694	4171943	5.70692	OTHR-EXH
595714	4171943	5.98935	OTHR-EXH
595734	4171943	6.35349	OTHR-EXH
595754	4171943	6.74696	OTHR-EXH
595774	4171943	6.98476	OTHR-EXH
595794	4171943	6.98542	OTHR-EXH
595814	4171943	6.88479	OTHR-EXH
595834	4171943	6.67592	OTHR-EXH
595854	4171943	6.39943	OTHR-EXH
595874	4171943	6.08879	OTHR-EXH
595894	4171943	5.76792	OTHR-EXH
595914	4171943	5.45048	OTHR-EXH
595934	4171943	5.14455	OTHR-EXH
595154	4171963	3.32487	OTHR-EXH
595174	4171963	3.41739	OTHR-EXH
595194	4171963	3.50936	OTHR-EXH
595214	4171963	3.6043	OTHR-EXH
595234	4171963	3.6959	OTHR-EXH
595254	4171963	3.80192	OTHR-EXH
595274	4171963	3.89946	OTHR-EXH
595554	4171963	6.07543	OTHR-EXH
595574	4171963	6.35326	OTHR-EXH
595594	4171963	6.60742	OTHR-EXH
595614	4171963	6.78745	OTHR-EXH
595634	4171963	6.87296	OTHR-EXH
595654	4171963	6.85345	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4171963	6.86688	OTHR-EXH
595694	4171963	7.06444	OTHR-EXH
595714	4171963	7.50923	OTHR-EXH
595734	4171963	8.08941	OTHR-EXH
595754	4171963	8.49427	OTHR-EXH
595774	4171963	8.56142	OTHR-EXH
595794	4171963	8.37603	OTHR-EXH
595814	4171963	8.02503	OTHR-EXH
595834	4171963	7.59479	OTHR-EXH
595854	4171963	7.13017	OTHR-EXH
595874	4171963	6.63894	OTHR-EXH
595894	4171963	6.21848	OTHR-EXH
595914	4171963	5.8172	OTHR-EXH
595934	4171963	5.44292	OTHR-EXH
595154	4171983	3.5657	OTHR-EXH
595174	4171983	3.6755	OTHR-EXH
595194	4171983	3.79289	OTHR-EXH
595214	4171983	3.91206	OTHR-EXH
595234	4171983	4.0352	OTHR-EXH
595254	4171983	4.14916	OTHR-EXH
595574	4171983	7.87586	OTHR-EXH
595754	4172023	18.67189	OTHR-EXH
595774	4172023	15.68808	OTHR-EXH
595794	4172023	13.41354	OTHR-EXH
595814	4172023	11.62646	OTHR-EXH
595834	4172023	10.20754	OTHR-EXH
595714	4172043	41.58332	OTHR-EXH
595734	4172043	29.11303	OTHR-EXH
595754	4172043	22.11169	OTHR-EXH
595774	4172043	17.70591	OTHR-EXH
595794	4172043	14.64331	OTHR-EXH
595814	4172043	12.39982	OTHR-EXH
595834	4172043	10.69979	OTHR-EXH
595854	4172043	9.37909	OTHR-EXH
595874	4172043	8.32651	OTHR-EXH
595894	4172043	7.47077	OTHR-EXH
595914	4172043	6.76226	OTHR-EXH
595934	4172043	6.17597	OTHR-EXH
595714	4172063	48.9918	OTHR-EXH
595734	4172063	33.3456	OTHR-EXH
595754	4172063	24.40651	OTHR-EXH
595774	4172063	18.96476	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172063	15.35677	OTHR-EXH
595814	4172063	12.82268	OTHR-EXH
595834	4172063	10.95899	OTHR-EXH
595854	4172063	9.54173	OTHR-EXH
595874	4172063	8.42988	OTHR-EXH
595894	4172063	7.53676	OTHR-EXH
595914	4172063	6.80411	OTHR-EXH
595934	4172063	6.19399	OTHR-EXH
595714	4172083	52.5303	OTHR-EXH
595734	4172083	35.03998	OTHR-EXH
595754	4172083	25.18025	OTHR-EXH
595774	4172083	19.297	OTHR-EXH
595794	4172083	15.4847	OTHR-EXH
595814	4172083	12.85643	OTHR-EXH
595834	4172083	10.95171	OTHR-EXH
595854	4172083	9.51455	OTHR-EXH
595874	4172083	8.39529	OTHR-EXH
595894	4172083	7.49973	OTHR-EXH
595914	4172083	6.76869	OTHR-EXH
595934	4172083	6.16034	OTHR-EXH
595114	4172103	4.61008	OTHR-EXH
595134	4172103	4.86395	OTHR-EXH
595714	4172103	50.56349	OTHR-EXH
595734	4172103	33.58171	OTHR-EXH
595754	4172103	24.31108	OTHR-EXH
595774	4172103	18.73209	OTHR-EXH
595794	4172103	15.08778	OTHR-EXH
595814	4172103	12.55922	OTHR-EXH
595834	4172103	10.72028	OTHR-EXH
595854	4172103	9.32998	OTHR-EXH
595874	4172103	8.24516	OTHR-EXH
595894	4172103	7.37624	OTHR-EXH
595914	4172103	6.66592	OTHR-EXH
595934	4172103	6.07441	OTHR-EXH
595094	4172123	4.51623	OTHR-EXH
595114	4172123	4.76534	OTHR-EXH
595134	4172123	5.04493	OTHR-EXH
595694	4172123	66.75376	OTHR-EXH
595714	4172123	42.23161	OTHR-EXH
595734	4172123	29.49875	OTHR-EXH
595754	4172123	22.14758	OTHR-EXH
595774	4172123	17.4679	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172123	14.28493	OTHR-EXH
595814	4172123	12.01182	OTHR-EXH
595834	4172123	10.32445	OTHR-EXH
595854	4172123	9.03085	OTHR-EXH
595874	4172123	8.01131	OTHR-EXH
595894	4172123	7.1897	OTHR-EXH
595914	4172123	6.51378	OTHR-EXH
595934	4172123	5.94833	OTHR-EXH
595094	4172143	4.63073	OTHR-EXH
595114	4172143	4.8988	OTHR-EXH
595134	4172143	5.2011	OTHR-EXH
595694	4172143	43.73785	OTHR-EXH
595714	4172143	32.21341	OTHR-EXH
595734	4172143	24.57654	OTHR-EXH
595754	4172143	19.43602	OTHR-EXH
595774	4172143	15.84819	OTHR-EXH
595794	4172143	13.25148	OTHR-EXH
595814	4172143	11.31345	OTHR-EXH
595834	4172143	9.82768	OTHR-EXH
595854	4172143	8.66145	OTHR-EXH
595874	4172143	7.72641	OTHR-EXH
595894	4172143	6.96376	OTHR-EXH
595914	4172143	6.3302	OTHR-EXH
595934	4172143	5.79632	OTHR-EXH
595094	4172163	4.7273	OTHR-EXH
595114	4172163	5.01422	OTHR-EXH
595134	4172163	5.33489	OTHR-EXH
595154	4172163	5.71164	OTHR-EXH
595614	4172163	48.83448	OTHR-EXH
595634	4172163	45.94791	OTHR-EXH
595654	4172163	41.59171	OTHR-EXH
595674	4172163	36.1015	OTHR-EXH
595694	4172163	30.06437	OTHR-EXH
595714	4172163	24.66225	OTHR-EXH
595734	4172163	20.25975	OTHR-EXH
595754	4172163	16.83392	OTHR-EXH
595774	4172163	14.20029	OTHR-EXH
595794	4172163	12.16081	OTHR-EXH
595814	4172163	10.56126	OTHR-EXH
595834	4172163	9.28813	OTHR-EXH
595854	4172163	8.25941	OTHR-EXH
595874	4172163	7.41771	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595894	4172163	6.71913	OTHR-EXH
595914	4172163	6.13139	OTHR-EXH
595074	4172183	4.53256	OTHR-EXH
595094	4172183	4.80233	OTHR-EXH
595114	4172183	5.10461	OTHR-EXH
595134	4172183	5.44541	OTHR-EXH
595154	4172183	5.83112	OTHR-EXH
595614	4172183	30.87244	OTHR-EXH
595634	4172183	29.21581	OTHR-EXH
595654	4172183	27.64869	OTHR-EXH
595674	4172183	25.28022	OTHR-EXH
595694	4172183	22.49703	OTHR-EXH
595714	4172183	19.62677	OTHR-EXH
595734	4172183	16.95754	OTHR-EXH
595754	4172183	14.6483	OTHR-EXH
595774	4172183	12.72123	OTHR-EXH
595794	4172183	11.13409	OTHR-EXH
595814	4172183	9.82924	OTHR-EXH
595834	4172183	8.75151	OTHR-EXH
595854	4172183	7.85553	OTHR-EXH
595874	4172183	7.10598	OTHR-EXH
595894	4172183	6.47115	OTHR-EXH
595914	4172183	5.92955	OTHR-EXH
595074	4172203	4.5901	OTHR-EXH
595094	4172203	4.86977	OTHR-EXH
595114	4172203	5.18135	OTHR-EXH
595134	4172203	5.53693	OTHR-EXH
595154	4172203	5.94074	OTHR-EXH
595594	4172203	23.67583	OTHR-EXH
595614	4172203	23.13155	OTHR-EXH
595634	4172203	22.03871	OTHR-EXH
595654	4172203	20.95552	OTHR-EXH
595674	4172203	19.60313	OTHR-EXH
595694	4172203	18.00476	OTHR-EXH
595714	4172203	16.26484	OTHR-EXH
595734	4172203	14.52644	OTHR-EXH
595754	4172203	12.9108	OTHR-EXH
595774	4172203	11.4731	OTHR-EXH
595794	4172203	10.22635	OTHR-EXH
595814	4172203	9.15842	OTHR-EXH
595834	4172203	8.24676	OTHR-EXH
595854	4172203	7.46877	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4172203	6.80378	OTHR-EXH
595894	4172203	6.22957	OTHR-EXH
595914	4172203	5.73226	OTHR-EXH
595074	4172223	4.64305	OTHR-EXH
595094	4172223	4.93923	OTHR-EXH
595114	4172223	5.2544	OTHR-EXH
595134	4172223	5.62421	OTHR-EXH
595154	4172223	6.03938	OTHR-EXH
595594	4172223	19.23486	OTHR-EXH
595614	4172223	18.46905	OTHR-EXH
595634	4172223	17.91743	OTHR-EXH
595654	4172223	17.08856	OTHR-EXH
595674	4172223	16.16198	OTHR-EXH
595694	4172223	15.09964	OTHR-EXH
595714	4172223	13.93068	OTHR-EXH
595734	4172223	12.71935	OTHR-EXH
595754	4172223	11.54084	OTHR-EXH
595774	4172223	10.44026	OTHR-EXH
595794	4172223	9.4453	OTHR-EXH
595814	4172223	8.56325	OTHR-EXH
595834	4172223	7.78811	OTHR-EXH
595854	4172223	7.11073	OTHR-EXH
595874	4172223	6.51901	OTHR-EXH
595894	4172223	5.99982	OTHR-EXH
595054	4172243	4.4418	OTHR-EXH
595074	4172243	4.70579	OTHR-EXH
595094	4172243	5.0096	OTHR-EXH
595114	4172243	5.33422	OTHR-EXH
595134	4172243	5.71809	OTHR-EXH
595154	4172243	6.17131	OTHR-EXH
595594	4172243	16.58679	OTHR-EXH
595614	4172243	15.72379	OTHR-EXH
595634	4172243	15.28061	OTHR-EXH
595654	4172243	14.60283	OTHR-EXH
595674	4172243	13.88578	OTHR-EXH
595694	4172243	13.09692	OTHR-EXH
595714	4172243	12.24122	OTHR-EXH
595734	4172243	11.34445	OTHR-EXH
595754	4172243	10.44891	OTHR-EXH
595774	4172243	9.58354	OTHR-EXH
595794	4172243	8.77568	OTHR-EXH
595814	4172243	8.03853	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172243	7.37455	OTHR-EXH
595854	4172243	6.78226	OTHR-EXH
595874	4172243	6.25421	OTHR-EXH
595894	4172243	5.78384	OTHR-EXH
595054	4172263	4.50665	OTHR-EXH
595074	4172263	4.78345	OTHR-EXH
595094	4172263	5.09196	OTHR-EXH
595114	4172263	5.41935	OTHR-EXH
595134	4172263	5.84361	OTHR-EXH
595154	4172263	6.30706	OTHR-EXH
595594	4172263	14.75055	OTHR-EXH
595614	4172263	14.0041	OTHR-EXH
595634	4172263	13.47792	OTHR-EXH
595654	4172263	12.88496	OTHR-EXH
595674	4172263	12.28274	OTHR-EXH
595694	4172263	11.64794	OTHR-EXH
595714	4172263	10.97457	OTHR-EXH
595734	4172263	10.27376	OTHR-EXH
595754	4172263	9.56442	OTHR-EXH
595774	4172263	8.86565	OTHR-EXH
595794	4172263	8.19845	OTHR-EXH
595814	4172263	7.57531	OTHR-EXH
595834	4172263	7.00199	OTHR-EXH
595854	4172263	6.48105	OTHR-EXH
595874	4172263	6.0083	OTHR-EXH
595894	4172263	5.5812	OTHR-EXH
595054	4172283	4.57437	OTHR-EXH
595074	4172283	4.86318	OTHR-EXH
595094	4172283	5.16936	OTHR-EXH
595114	4172283	5.52989	OTHR-EXH
595134	4172283	5.96745	OTHR-EXH
595154	4172283	6.44904	OTHR-EXH
595174	4172283	7.0358	OTHR-EXH
595574	4172283	13.99884	OTHR-EXH
595594	4172283	13.35383	OTHR-EXH
595614	4172283	12.75139	OTHR-EXH
595634	4172283	12.17251	OTHR-EXH
595654	4172283	11.6316	OTHR-EXH
595674	4172283	11.09929	OTHR-EXH
595694	4172283	10.55644	OTHR-EXH
595714	4172283	9.99603	OTHR-EXH
595734	4172283	9.42042	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172283	8.83754	OTHR-EXH
595774	4172283	8.25809	OTHR-EXH
595794	4172283	7.69679	OTHR-EXH
595814	4172283	7.163	OTHR-EXH
595834	4172283	6.66391	OTHR-EXH
595854	4172283	6.20333	OTHR-EXH
595874	4172283	5.77878	OTHR-EXH
595894	4172283	5.39019	OTHR-EXH
595034	4172303	4.3849	OTHR-EXH
595054	4172303	4.65133	OTHR-EXH
595074	4172303	4.94965	OTHR-EXH
595094	4172303	5.25616	OTHR-EXH
595114	4172303	5.6623	OTHR-EXH
595134	4172303	6.09954	OTHR-EXH
595154	4172303	6.61709	OTHR-EXH
595174	4172303	7.24077	OTHR-EXH
595574	4172303	12.9297	OTHR-EXH
595594	4172303	12.25274	OTHR-EXH
595614	4172303	11.7282	OTHR-EXH
595634	4172303	11.18308	OTHR-EXH
595654	4172303	10.67783	OTHR-EXH
595674	4172303	10.19077	OTHR-EXH
595694	4172303	9.70713	OTHR-EXH
595714	4172303	9.21996	OTHR-EXH
595734	4172303	8.72746	OTHR-EXH
595754	4172303	8.23167	OTHR-EXH
595774	4172303	7.73843	OTHR-EXH
595794	4172303	7.25695	OTHR-EXH
595814	4172303	6.79325	OTHR-EXH
595834	4172303	6.35516	OTHR-EXH
595854	4172303	5.94551	OTHR-EXH
595874	4172303	5.56294	OTHR-EXH
595034	4172323	4.45657	OTHR-EXH
595054	4172323	4.73561	OTHR-EXH
595074	4172323	5.03794	OTHR-EXH
595094	4172323	5.36477	OTHR-EXH
595114	4172323	5.77213	OTHR-EXH
595134	4172323	6.25069	OTHR-EXH
595154	4172323	6.80329	OTHR-EXH
595174	4172323	7.46945	OTHR-EXH
595574	4172323	12.11367	OTHR-EXH
595594	4172323	11.41515	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172323	10.92027	OTHR-EXH
595634	4172323	10.40137	OTHR-EXH
595654	4172323	9.92409	OTHR-EXH
595674	4172323	9.47013	OTHR-EXH
595694	4172323	9.02741	OTHR-EXH
595714	4172323	8.58981	OTHR-EXH
595734	4172323	8.15427	OTHR-EXH
595754	4172323	7.72039	OTHR-EXH
595774	4172323	7.29001	OTHR-EXH
595794	4172323	6.86842	OTHR-EXH
595814	4172323	6.46106	OTHR-EXH
595834	4172323	6.07216	OTHR-EXH
595854	4172323	5.70483	OTHR-EXH
595874	4172323	5.35876	OTHR-EXH
595034	4172343	4.53187	OTHR-EXH
595054	4172343	4.82208	OTHR-EXH
595074	4172343	5.14842	OTHR-EXH
595094	4172343	5.51407	OTHR-EXH
595114	4172343	5.92238	OTHR-EXH
595134	4172343	6.41427	OTHR-EXH
595154	4172343	7.00891	OTHR-EXH
595574	4172343	11.45595	OTHR-EXH
595594	4172343	10.79869	OTHR-EXH
595614	4172343	10.26908	OTHR-EXH
595634	4172343	9.76423	OTHR-EXH
595654	4172343	9.30438	OTHR-EXH
595674	4172343	8.87455	OTHR-EXH
595694	4172343	8.4641	OTHR-EXH
595714	4172343	8.06504	OTHR-EXH
595734	4172343	7.67113	OTHR-EXH
595754	4172343	7.28229	OTHR-EXH
595774	4172343	6.89907	OTHR-EXH
595794	4172343	6.52386	OTHR-EXH
595814	4172343	6.1603	OTHR-EXH
595834	4172343	5.81184	OTHR-EXH
595854	4172343	5.47945	OTHR-EXH
595874	4172343	5.16459	OTHR-EXH
595554	4172363	11.5661	OTHR-EXH
595574	4172363	10.87553	OTHR-EXH
595594	4172363	10.27023	OTHR-EXH
595614	4172363	9.73342	OTHR-EXH
595634	4172363	9.24697	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172363	8.80115	OTHR-EXH
595674	4172363	8.38534	OTHR-EXH
595694	4172363	7.99233	OTHR-EXH
595714	4172363	7.61608	OTHR-EXH
595734	4172363	7.25226	OTHR-EXH
595754	4172363	6.89896	OTHR-EXH
595774	4172363	6.55286	OTHR-EXH
595794	4172363	6.21549	OTHR-EXH
595814	4172363	5.88645	OTHR-EXH
595834	4172363	5.57056	OTHR-EXH
595854	4172363	5.26768	OTHR-EXH
595874	4172363	4.97973	OTHR-EXH
595554	4172383	11.03136	OTHR-EXH
595574	4172383	10.34637	OTHR-EXH
595594	4172383	9.7948	OTHR-EXH
595614	4172383	9.26619	OTHR-EXH
595634	4172383	8.79369	OTHR-EXH
595654	4172383	8.36447	OTHR-EXH
595674	4172383	7.96687	OTHR-EXH
595694	4172383	7.59448	OTHR-EXH
595714	4172383	7.23983	OTHR-EXH
595734	4172383	6.89721	OTHR-EXH
595754	4172383	6.56569	OTHR-EXH
595774	4172383	6.24475	OTHR-EXH
595794	4172383	5.93431	OTHR-EXH
595814	4172383	5.63382	OTHR-EXH
595834	4172383	5.34496	OTHR-EXH
595854	4172383	5.06834	OTHR-EXH
595554	4172403	10.6137	OTHR-EXH
595574	4172403	9.90297	OTHR-EXH
595594	4172403	9.37644	OTHR-EXH
595614	4172403	8.85926	OTHR-EXH
595634	4172403	8.39842	OTHR-EXH
595654	4172403	7.98124	OTHR-EXH
595674	4172403	7.5973	OTHR-EXH
595694	4172403	7.23827	OTHR-EXH
595714	4172403	6.90081	OTHR-EXH
595734	4172403	6.57947	OTHR-EXH
595754	4172403	6.27128	OTHR-EXH
595774	4172403	5.97354	OTHR-EXH
595794	4172403	5.68437	OTHR-EXH
595814	4172403	5.40426	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172403	5.13548	OTHR-EXH
595854	4172403	4.87844	OTHR-EXH
595074	4172423	5.62042	OTHR-EXH
595094	4172423	6.0739	OTHR-EXH
595554	4172423	10.23791	OTHR-EXH
595574	4172423	9.54185	OTHR-EXH
595594	4172423	9.00188	OTHR-EXH
595614	4172423	8.49754	OTHR-EXH
595634	4172423	8.04744	OTHR-EXH
595654	4172423	7.64095	OTHR-EXH
595674	4172423	7.26789	OTHR-EXH
595694	4172423	6.92272	OTHR-EXH
595714	4172423	6.59924	OTHR-EXH
595734	4172423	6.29358	OTHR-EXH
595754	4172423	6.00248	OTHR-EXH
595774	4172423	5.72251	OTHR-EXH
595794	4172423	5.45294	OTHR-EXH
595814	4172423	5.19257	OTHR-EXH
595834	4172423	4.94244	OTHR-EXH
595854	4172423	4.70379	OTHR-EXH
595074	4172443	5.74307	OTHR-EXH
595094	4172443	6.22215	OTHR-EXH
595114	4172443	6.77637	OTHR-EXH
595134	4172443	7.43791	OTHR-EXH
595534	4172443	10.56583	OTHR-EXH
595554	4172443	9.8402	OTHR-EXH
595574	4172443	9.20892	OTHR-EXH
595594	4172443	8.66027	OTHR-EXH
595614	4172443	8.16877	OTHR-EXH
595634	4172443	7.7303	OTHR-EXH
595654	4172443	7.33411	OTHR-EXH
595674	4172443	6.97144	OTHR-EXH
595694	4172443	6.63717	OTHR-EXH
595714	4172443	6.32656	OTHR-EXH
595734	4172443	6.03457	OTHR-EXH
595754	4172443	5.75696	OTHR-EXH
595774	4172443	5.4922	OTHR-EXH
595794	4172443	5.23839	OTHR-EXH
595814	4172443	4.99387	OTHR-EXH
595834	4172443	4.75928	OTHR-EXH
595854	4172443	4.53504	OTHR-EXH
595054	4172463	5.44568	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595074	4172463	5.87674	OTHR-EXH
595094	4172463	6.37447	OTHR-EXH
595114	4172463	6.95893	OTHR-EXH
595534	4172463	10.18061	OTHR-EXH
595554	4172463	9.44237	OTHR-EXH
595574	4172463	8.8495	OTHR-EXH
595594	4172463	8.34209	OTHR-EXH
595614	4172463	7.86535	OTHR-EXH
595634	4172463	7.4385	OTHR-EXH
595654	4172463	7.05314	OTHR-EXH
595674	4172463	6.70077	OTHR-EXH
595694	4172463	6.3768	OTHR-EXH
595714	4172463	6.07614	OTHR-EXH
595734	4172463	5.79517	OTHR-EXH
595754	4172463	5.53007	OTHR-EXH
595774	4172463	5.27849	OTHR-EXH
595794	4172463	5.03859	OTHR-EXH
595814	4172463	4.80757	OTHR-EXH
595834	4172463	4.587	OTHR-EXH
595054	4172483	5.17002	OTHR-EXH
595074	4172483	6.00725	OTHR-EXH
595094	4172483	6.53541	OTHR-EXH
595114	4172483	7.15303	OTHR-EXH
595534	4172483	9.84795	OTHR-EXH
595554	4172483	9.11058	OTHR-EXH
595574	4172483	8.5484	OTHR-EXH
595594	4172483	8.03765	OTHR-EXH
595614	4172483	7.56884	OTHR-EXH
595634	4172483	7.16048	OTHR-EXH
595654	4172483	6.7898	OTHR-EXH
595674	4172483	6.44863	OTHR-EXH
595694	4172483	6.13455	OTHR-EXH
595714	4172483	5.84386	OTHR-EXH
595734	4172483	5.57296	OTHR-EXH
595754	4172483	5.31896	OTHR-EXH
595774	4172483	5.07901	OTHR-EXH
595794	4172483	4.85084	OTHR-EXH
595814	4172483	4.63215	OTHR-EXH
595834	4172483	4.42349	OTHR-EXH
595034	4172503	5.25681	OTHR-EXH
595054	4172503	5.64831	OTHR-EXH
595074	4172503	6.12739	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595094	4172503	6.68827	OTHR-EXH
595114	4172503	7.36516	OTHR-EXH
595534	4172503	9.52361	OTHR-EXH
595554	4172503	8.80538	OTHR-EXH
595574	4172503	8.26128	OTHR-EXH
595594	4172503	7.75336	OTHR-EXH
595614	4172503	7.29974	OTHR-EXH
595634	4172503	6.90145	OTHR-EXH
595654	4172503	6.5391	OTHR-EXH
595674	4172503	6.19884	OTHR-EXH
595694	4172503	5.90611	OTHR-EXH
595714	4172503	5.62524	OTHR-EXH
595734	4172503	5.36475	OTHR-EXH
595754	4172503	5.12018	OTHR-EXH
595774	4172503	4.89106	OTHR-EXH
595794	4172503	4.67436	OTHR-EXH
595814	4172503	4.46632	OTHR-EXH
595834	4172503	4.26839	OTHR-EXH
595034	4172523	5.35058	OTHR-EXH
595054	4172523	5.78642	OTHR-EXH
595074	4172523	6.28943	OTHR-EXH
595094	4172523	6.85121	OTHR-EXH
595514	4172523	9.91666	OTHR-EXH
595534	4172523	9.17149	OTHR-EXH
595554	4172523	8.53592	OTHR-EXH
595574	4172523	8.00365	OTHR-EXH
595594	4172523	7.46005	OTHR-EXH
595614	4172523	7.05478	OTHR-EXH
595634	4172523	6.66568	OTHR-EXH
595654	4172523	6.29682	OTHR-EXH
595674	4172523	5.98505	OTHR-EXH
595694	4172523	5.6846	OTHR-EXH
595714	4172523	5.41408	OTHR-EXH
595734	4172523	5.16444	OTHR-EXH
595754	4172523	4.93192	OTHR-EXH
595774	4172523	4.71281	OTHR-EXH
595794	4172523	4.50657	OTHR-EXH
595814	4172523	4.30852	OTHR-EXH
595834	4172523	4.12046	OTHR-EXH
595034	4172543	5.44219	OTHR-EXH
595054	4172543	5.90208	OTHR-EXH
595074	4172543	6.42492	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595094	4172543	7.05133	OTHR-EXH
595514	4172543	9.55914	OTHR-EXH
595534	4172543	8.82707	OTHR-EXH
595554	4172543	8.24149	OTHR-EXH
595574	4172543	7.6802	OTHR-EXH
595594	4172543	7.18558	OTHR-EXH
595614	4172543	6.76996	OTHR-EXH
595634	4172543	6.4272	OTHR-EXH
595654	4172543	6.08689	OTHR-EXH
595674	4172543	5.75124	OTHR-EXH
595694	4172543	5.47902	OTHR-EXH
595714	4172543	5.22705	OTHR-EXH
595734	4172543	4.97602	OTHR-EXH
595754	4172543	4.75233	OTHR-EXH
595774	4172543	4.53828	OTHR-EXH
595794	4172543	4.34602	OTHR-EXH
595814	4172543	4.15786	OTHR-EXH
595014	4172563	5.12537	OTHR-EXH
595034	4172563	5.53777	OTHR-EXH
595054	4172563	6.01206	OTHR-EXH
595074	4172563	6.55862	OTHR-EXH
595094	4172563	7.22499	OTHR-EXH
595514	4172563	9.2411	OTHR-EXH
595534	4172563	8.53009	OTHR-EXH
595554	4172563	7.97255	OTHR-EXH
595574	4172563	7.38504	OTHR-EXH
595594	4172563	6.91998	OTHR-EXH
595614	4172563	6.52709	OTHR-EXH
595634	4172563	6.19578	OTHR-EXH
595654	4172563	5.86063	OTHR-EXH
595674	4172563	5.54306	OTHR-EXH
595694	4172563	5.26903	OTHR-EXH
595714	4172563	5.01735	OTHR-EXH
595734	4172563	4.79553	OTHR-EXH
595754	4172563	4.58068	OTHR-EXH
595774	4172563	4.37677	OTHR-EXH
595794	4172563	4.19384	OTHR-EXH
595814	4172563	4.01353	OTHR-EXH
595014	4172583	5.19612	OTHR-EXH
595034	4172583	5.62334	OTHR-EXH
595054	4172583	6.12533	OTHR-EXH
595074	4172583	6.70194	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4172583	9.64041	OTHR-EXH
595514	4172583	8.89413	OTHR-EXH
595534	4172583	8.22599	OTHR-EXH
595554	4172583	7.64976	OTHR-EXH
595574	4172583	7.10983	OTHR-EXH
595594	4172583	6.67302	OTHR-EXH
595614	4172583	6.31658	OTHR-EXH
595634	4172583	5.97244	OTHR-EXH
595654	4172583	5.63242	OTHR-EXH
595674	4172583	5.34284	OTHR-EXH
595694	4172583	5.079	OTHR-EXH
595714	4172583	4.83691	OTHR-EXH
595734	4172583	4.62846	OTHR-EXH
595754	4172583	4.41829	OTHR-EXH
595774	4172583	4.22827	OTHR-EXH
595794	4172583	4.04696	OTHR-EXH
595814	4172583	3.8751	OTHR-EXH
595034	4172603	5.72205	OTHR-EXH
595054	4172603	6.24144	OTHR-EXH
595074	4172603	6.85816	OTHR-EXH
595494	4172603	9.26746	OTHR-EXH
595514	4172603	8.5171	OTHR-EXH
595534	4172603	7.92005	OTHR-EXH
595554	4172603	7.36492	OTHR-EXH
595574	4172603	6.8425	OTHR-EXH
595594	4172603	6.43088	OTHR-EXH
595614	4172603	6.09954	OTHR-EXH
595634	4172603	5.75849	OTHR-EXH
595654	4172603	5.42542	OTHR-EXH
595674	4172603	5.14766	OTHR-EXH
595694	4172603	4.89429	OTHR-EXH
595714	4172603	4.66177	OTHR-EXH
595734	4172603	4.46238	OTHR-EXH
595754	4172603	4.25783	OTHR-EXH
595774	4172603	4.07905	OTHR-EXH
595794	4172603	3.90447	OTHR-EXH
595474	4172623	9.69554	OTHR-EXH
595494	4172623	8.91836	OTHR-EXH
595514	4172623	8.19405	OTHR-EXH
595534	4172623	7.61312	OTHR-EXH
595554	4172623	7.09025	OTHR-EXH
595574	4172623	6.64031	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172623	6.23228	OTHR-EXH
595614	4172623	5.85857	OTHR-EXH
595634	4172623	5.53947	OTHR-EXH
595654	4172623	5.24424	OTHR-EXH
595674	4172623	4.97232	OTHR-EXH
595694	4172623	4.71456	OTHR-EXH
595714	4172623	4.4977	OTHR-EXH
595734	4172623	4.29648	OTHR-EXH
595754	4172623	4.10953	OTHR-EXH
595774	4172623	3.9337	OTHR-EXH
595794	4172623	3.76705	OTHR-EXH
595814	4172623	3.61043	OTHR-EXH
595474	4172643	9.27644	OTHR-EXH
595494	4172643	8.48708	OTHR-EXH
595514	4172643	7.87054	OTHR-EXH
595534	4172643	7.29687	OTHR-EXH
595554	4172643	6.799	OTHR-EXH
595574	4172643	6.35523	OTHR-EXH
595594	4172643	5.96958	OTHR-EXH
595614	4172643	5.64092	OTHR-EXH
595634	4172643	5.30063	OTHR-EXH
595654	4172643	5.04212	OTHR-EXH
595674	4172643	4.78738	OTHR-EXH
595694	4172643	4.55311	OTHR-EXH
595714	4172643	4.33874	OTHR-EXH
595734	4172643	4.13967	OTHR-EXH
595754	4172643	3.96228	OTHR-EXH
595774	4172643	3.79199	OTHR-EXH
595794	4172643	3.63342	OTHR-EXH
595814	4172643	3.48448	OTHR-EXH
595474	4172663	8.86492	OTHR-EXH
595494	4172663	8.1226	OTHR-EXH
595514	4172663	7.52858	OTHR-EXH
595534	4172663	6.98634	OTHR-EXH
595554	4172663	6.5133	OTHR-EXH
595574	4172663	6.09406	OTHR-EXH
595594	4172663	5.72955	OTHR-EXH
595614	4172663	5.39374	OTHR-EXH
595634	4172663	5.08486	OTHR-EXH
595654	4172663	4.82536	OTHR-EXH
595674	4172663	4.58221	OTHR-EXH
595694	4172663	4.38029	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172663	4.17063	OTHR-EXH
595734	4172663	3.98673	OTHR-EXH
595754	4172663	3.8174	OTHR-EXH
595774	4172663	3.65454	OTHR-EXH
595794	4172663	3.50388	OTHR-EXH
595814	4172663	3.36251	OTHR-EXH
595454	4172683	9.22953	OTHR-EXH
595474	4172683	8.43842	OTHR-EXH
595494	4172683	7.76417	OTHR-EXH
595514	4172683	7.18975	OTHR-EXH
595534	4172683	6.67816	OTHR-EXH
595554	4172683	6.23126	OTHR-EXH
595574	4172683	5.83726	OTHR-EXH
595594	4172683	5.50218	OTHR-EXH
595614	4172683	5.15745	OTHR-EXH
595634	4172683	4.88284	OTHR-EXH
595654	4172683	4.63409	OTHR-EXH
595674	4172683	4.40346	OTHR-EXH
595694	4172683	4.21435	OTHR-EXH
595714	4172683	4.01628	OTHR-EXH
595734	4172683	3.84183	OTHR-EXH
595754	4172683	3.67411	OTHR-EXH
595774	4172683	3.5159	OTHR-EXH
595794	4172683	3.37526	OTHR-EXH
595814	4172683	3.242	OTHR-EXH
595474	4172703	8.00936	OTHR-EXH
595494	4172703	7.36478	OTHR-EXH
595514	4172703	6.82612	OTHR-EXH
595534	4172703	6.36664	OTHR-EXH
595554	4172703	5.95275	OTHR-EXH
595574	4172703	5.58086	OTHR-EXH
595594	4172703	5.25927	OTHR-EXH
595614	4172703	4.93888	OTHR-EXH
595634	4172703	4.68119	OTHR-EXH
595654	4172703	4.44354	OTHR-EXH
595674	4172703	4.23176	OTHR-EXH
595694	4172703	4.04342	OTHR-EXH
595714	4172703	3.8578	OTHR-EXH
595734	4172703	3.69655	OTHR-EXH
595754	4172703	3.53646	OTHR-EXH
595774	4172703	3.38904	OTHR-EXH
595794	4172703	3.25243	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172703	3.12513	OTHR-EXH
595834	4172703	3.00683	OTHR-EXH
595294	4172723	24.487	OTHR-EXH
595314	4172723	19.99616	OTHR-EXH
595514	4172723	6.50388	OTHR-EXH
595534	4172723	6.04693	OTHR-EXH
595554	4172723	5.65519	OTHR-EXH
595574	4172723	5.32267	OTHR-EXH
595594	4172723	5.03372	OTHR-EXH
595614	4172723	4.74109	OTHR-EXH
595634	4172723	4.48342	OTHR-EXH
595654	4172723	4.25949	OTHR-EXH
595674	4172723	4.07074	OTHR-EXH
595694	4172723	3.88044	OTHR-EXH
595714	4172723	3.71296	OTHR-EXH
595734	4172723	3.55334	OTHR-EXH
595754	4172723	3.40006	OTHR-EXH
595774	4172723	3.26144	OTHR-EXH
595794	4172723	3.11045	OTHR-EXH
595814	4172723	2.99886	OTHR-EXH
595834	4172723	2.89425	OTHR-EXH
595294	4172743	22.55481	OTHR-EXH
595314	4172743	18.5242	OTHR-EXH
595334	4172743	15.67592	OTHR-EXH
595354	4172743	13.58051	OTHR-EXH
595374	4172743	11.89971	OTHR-EXH
595534	4172743	5.76423	OTHR-EXH
595554	4172743	5.39618	OTHR-EXH
595574	4172743	5.06562	OTHR-EXH
595594	4172743	4.78211	OTHR-EXH
595614	4172743	4.53093	OTHR-EXH
595634	4172743	4.30942	OTHR-EXH
595654	4172743	4.09314	OTHR-EXH
595674	4172743	3.90251	OTHR-EXH
595694	4172743	3.72116	OTHR-EXH
595714	4172743	3.56466	OTHR-EXH
595734	4172743	3.41423	OTHR-EXH
595754	4172743	3.26938	OTHR-EXH
595774	4172743	3.12501	OTHR-EXH
595794	4172743	3.00417	OTHR-EXH
595814	4172743	2.8984	OTHR-EXH
595834	4172743	2.79381	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595274	4172763	25.897	OTHR-EXH
595294	4172763	20.6899	OTHR-EXH
595314	4172763	17.0732	OTHR-EXH
595334	4172763	14.50845	OTHR-EXH
595354	4172763	12.59391	OTHR-EXH
595374	4172763	11.0473	OTHR-EXH
595394	4172763	9.84898	OTHR-EXH
595414	4172763	8.86929	OTHR-EXH
595534	4172763	5.4647	OTHR-EXH
595554	4172763	5.12774	OTHR-EXH
595574	4172763	4.83021	OTHR-EXH
595594	4172763	4.56281	OTHR-EXH
595614	4172763	4.31833	OTHR-EXH
595634	4172763	4.09995	OTHR-EXH
595654	4172763	3.90738	OTHR-EXH
595674	4172763	3.73098	OTHR-EXH
595694	4172763	3.56526	OTHR-EXH
595714	4172763	3.41762	OTHR-EXH
595734	4172763	3.27677	OTHR-EXH
595754	4172763	3.14202	OTHR-EXH
595774	4172763	3.01527	OTHR-EXH
595794	4172763	2.90166	OTHR-EXH
595814	4172763	2.79624	OTHR-EXH
594934	4172783	3.11608	OTHR-EXH
594954	4172783	3.44023	OTHR-EXH
594974	4172783	3.84264	OTHR-EXH
595274	4172783	23.3626	OTHR-EXH
595294	4172783	18.80489	OTHR-EXH
595314	4172783	15.66216	OTHR-EXH
595334	4172783	13.3492	OTHR-EXH
595354	4172783	11.56734	OTHR-EXH
595374	4172783	10.19907	OTHR-EXH
595394	4172783	9.11868	OTHR-EXH
595414	4172783	8.24028	OTHR-EXH
595434	4172783	7.51265	OTHR-EXH
595454	4172783	6.90207	OTHR-EXH
595514	4172783	5.52047	OTHR-EXH
595534	4172783	5.17219	OTHR-EXH
595554	4172783	4.86318	OTHR-EXH
595574	4172783	4.5909	OTHR-EXH
595594	4172783	4.34293	OTHR-EXH
595614	4172783	4.12195	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172783	3.91976	OTHR-EXH
595654	4172783	3.73587	OTHR-EXH
595674	4172783	3.56482	OTHR-EXH
595694	4172783	3.41064	OTHR-EXH
595714	4172783	3.27789	OTHR-EXH
595734	4172783	3.14839	OTHR-EXH
595754	4172783	3.02615	OTHR-EXH
595774	4172783	2.91285	OTHR-EXH
595794	4172783	2.80614	OTHR-EXH
595814	4172783	2.70147	OTHR-EXH
594894	4172803	2.38213	OTHR-EXH
594914	4172803	2.6059	OTHR-EXH
594934	4172803	2.87464	OTHR-EXH
594954	4172803	3.18761	OTHR-EXH
594974	4172803	3.57069	OTHR-EXH
595274	4172803	20.8219	OTHR-EXH
595294	4172803	16.84983	OTHR-EXH
595314	4172803	14.12872	OTHR-EXH
595334	4172803	12.14452	OTHR-EXH
595354	4172803	10.58557	OTHR-EXH
595374	4172803	9.37661	OTHR-EXH
595394	4172803	8.41578	OTHR-EXH
595414	4172803	7.63643	OTHR-EXH
595434	4172803	6.98409	OTHR-EXH
595454	4172803	6.43358	OTHR-EXH
595474	4172803	5.96735	OTHR-EXH
595494	4172803	5.56309	OTHR-EXH
595514	4172803	5.20677	OTHR-EXH
595534	4172803	4.88902	OTHR-EXH
595554	4172803	4.60638	OTHR-EXH
595574	4172803	4.35709	OTHR-EXH
595594	4172803	4.1289	OTHR-EXH
595614	4172803	3.9262	OTHR-EXH
595634	4172803	3.74103	OTHR-EXH
595654	4172803	3.57112	OTHR-EXH
595674	4172803	3.41482	OTHR-EXH
595694	4172803	3.267	OTHR-EXH
595714	4172803	3.13161	OTHR-EXH
595734	4172803	3.01229	OTHR-EXH
595754	4172803	2.89944	OTHR-EXH
595774	4172803	2.7937	OTHR-EXH
595794	4172803	2.6933	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172803	2.59875	OTHR-EXH
594874	4172823	1.96355	OTHR-EXH
594894	4172823	2.16263	OTHR-EXH
594914	4172823	2.38098	OTHR-EXH
594934	4172823	2.61901	OTHR-EXH
594954	4172823	2.90058	OTHR-EXH
595254	4172823	23.31702	OTHR-EXH
595274	4172823	18.26623	OTHR-EXH
595294	4172823	14.93867	OTHR-EXH
595314	4172823	12.64722	OTHR-EXH
595334	4172823	10.92376	OTHR-EXH
595354	4172823	9.59923	OTHR-EXH
595374	4172823	8.5727	OTHR-EXH
595394	4172823	7.73658	OTHR-EXH
595414	4172823	7.04885	OTHR-EXH
595434	4172823	6.47817	OTHR-EXH
595454	4172823	5.9923	OTHR-EXH
595474	4172823	5.57272	OTHR-EXH
595494	4172823	5.21136	OTHR-EXH
595514	4172823	4.89315	OTHR-EXH
595534	4172823	4.6117	OTHR-EXH
595554	4172823	4.35952	OTHR-EXH
595574	4172823	4.13194	OTHR-EXH
595594	4172823	3.92461	OTHR-EXH
595614	4172823	3.73809	OTHR-EXH
595634	4172823	3.56693	OTHR-EXH
595654	4172823	3.41088	OTHR-EXH
595674	4172823	3.26683	OTHR-EXH
595694	4172823	3.12349	OTHR-EXH
595714	4172823	2.98489	OTHR-EXH
595734	4172823	2.88265	OTHR-EXH
595754	4172823	2.77719	OTHR-EXH
595774	4172823	2.6783	OTHR-EXH
595794	4172823	2.58518	OTHR-EXH
595814	4172823	2.49255	OTHR-EXH
594874	4172843	1.82069	OTHR-EXH
594894	4172843	1.94145	OTHR-EXH
594914	4172843	2.14078	OTHR-EXH
594934	4172843	2.35538	OTHR-EXH
594954	4172843	2.5962	OTHR-EXH
595254	4172843	19.73092	OTHR-EXH
595274	4172843	15.7233	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595294	4172843	13.04678	OTHR-EXH
595314	4172843	11.17682	OTHR-EXH
595334	4172843	9.74211	OTHR-EXH
595354	4172843	8.65082	OTHR-EXH
595374	4172843	7.7852	OTHR-EXH
595394	4172843	7.07773	OTHR-EXH
595414	4172843	6.49316	OTHR-EXH
595434	4172843	5.99681	OTHR-EXH
595454	4172843	5.57329	OTHR-EXH
595474	4172843	5.20116	OTHR-EXH
595494	4172843	4.88144	OTHR-EXH
595514	4172843	4.59843	OTHR-EXH
595534	4172843	4.34372	OTHR-EXH
595554	4172843	4.11686	OTHR-EXH
595574	4172843	3.91396	OTHR-EXH
595594	4172843	3.72732	OTHR-EXH
595614	4172843	3.5545	OTHR-EXH
595634	4172843	3.39933	OTHR-EXH
595654	4172843	3.25576	OTHR-EXH
595674	4172843	3.12257	OTHR-EXH
595694	4172843	2.96792	OTHR-EXH
595714	4172843	2.87706	OTHR-EXH
595734	4172843	2.77189	OTHR-EXH
595754	4172843	2.67342	OTHR-EXH
595774	4172843	2.58088	OTHR-EXH
595794	4172843	2.49371	OTHR-EXH
595814	4172843	2.40726	OTHR-EXH
594854	4172863	1.54306	OTHR-EXH
594874	4172863	1.6632	OTHR-EXH
594894	4172863	1.76309	OTHR-EXH
594914	4172863	1.90388	OTHR-EXH
594934	4172863	2.10163	OTHR-EXH
595234	4172863	20.76894	OTHR-EXH
595254	4172863	16.10946	OTHR-EXH
595274	4172863	13.17384	OTHR-EXH
595294	4172863	11.22432	OTHR-EXH
595314	4172863	9.76102	OTHR-EXH
595334	4172863	8.63804	OTHR-EXH
595354	4172863	7.75234	OTHR-EXH
595374	4172863	7.04765	OTHR-EXH
595394	4172863	6.45311	OTHR-EXH
595414	4172863	5.96146	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595434	4172863	5.54048	OTHR-EXH
595454	4172863	5.17903	OTHR-EXH
595474	4172863	4.85642	OTHR-EXH
595494	4172863	4.5728	OTHR-EXH
595514	4172863	4.3196	OTHR-EXH
595534	4172863	4.09114	OTHR-EXH
595554	4172863	3.88821	OTHR-EXH
595574	4172863	3.7077	OTHR-EXH
595594	4172863	3.53972	OTHR-EXH
595614	4172863	3.38613	OTHR-EXH
595634	4172863	3.23838	OTHR-EXH
595654	4172863	3.10618	OTHR-EXH
595674	4172863	2.98044	OTHR-EXH
595694	4172863	2.84977	OTHR-EXH
595714	4172863	2.75822	OTHR-EXH
595734	4172863	2.66069	OTHR-EXH
595754	4172863	2.56912	OTHR-EXH
595774	4172863	2.48289	OTHR-EXH
595794	4172863	2.40143	OTHR-EXH
594854	4172883	1.38961	OTHR-EXH
594874	4172883	1.48198	OTHR-EXH
594894	4172883	1.56479	OTHR-EXH
594914	4172883	1.68823	OTHR-EXH
595234	4172883	15.6296	OTHR-EXH
595254	4172883	12.81902	OTHR-EXH
595274	4172883	10.90201	OTHR-EXH
595294	4172883	9.53536	OTHR-EXH
595314	4172883	8.45727	OTHR-EXH
595334	4172883	7.62632	OTHR-EXH
595354	4172883	6.94525	OTHR-EXH
595374	4172883	6.37513	OTHR-EXH
595394	4172883	5.88398	OTHR-EXH
595414	4172883	5.47145	OTHR-EXH
595434	4172883	5.12042	OTHR-EXH
595454	4172883	4.8042	OTHR-EXH
595474	4172883	4.52774	OTHR-EXH
595494	4172883	4.2796	OTHR-EXH
595514	4172883	4.05962	OTHR-EXH
595534	4172883	3.85779	OTHR-EXH
595554	4172883	3.67691	OTHR-EXH
595574	4172883	3.51285	OTHR-EXH
595594	4172883	3.3586	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172883	3.21745	OTHR-EXH
595634	4172883	3.08751	OTHR-EXH
595654	4172883	2.96773	OTHR-EXH
595674	4172883	2.80977	OTHR-EXH
595694	4172883	2.74089	OTHR-EXH
595714	4172883	2.64471	OTHR-EXH
595734	4172883	2.55437	OTHR-EXH
595754	4172883	2.46934	OTHR-EXH
595774	4172883	2.38913	OTHR-EXH
595794	4172883	2.31302	OTHR-EXH
594854	4172903	1.27126	OTHR-EXH
594874	4172903	1.35064	OTHR-EXH
594894	4172903	1.40372	OTHR-EXH
594914	4172903	1.53083	OTHR-EXH
595234	4172903	11.60827	OTHR-EXH
595254	4172903	10.1566	OTHR-EXH
595274	4172903	9.01578	OTHR-EXH
595294	4172903	8.10296	OTHR-EXH
595314	4172903	7.34117	OTHR-EXH
595334	4172903	6.72767	OTHR-EXH
595354	4172903	6.19471	OTHR-EXH
595374	4172903	5.75095	OTHR-EXH
595394	4172903	5.37069	OTHR-EXH
595414	4172903	5.03113	OTHR-EXH
595434	4172903	4.72977	OTHR-EXH
595454	4172903	4.46093	OTHR-EXH
595474	4172903	4.22118	OTHR-EXH
595494	4172903	4.00715	OTHR-EXH
595514	4172903	3.81198	OTHR-EXH
595534	4172903	3.63479	OTHR-EXH
595554	4172903	3.47579	OTHR-EXH
595574	4172903	3.32832	OTHR-EXH
595594	4172903	3.18827	OTHR-EXH
595614	4172903	3.05988	OTHR-EXH
595634	4172903	2.94266	OTHR-EXH
595654	4172903	2.83226	OTHR-EXH
595674	4172903	2.676	OTHR-EXH
595694	4172903	2.6254	OTHR-EXH
595714	4172903	2.53659	OTHR-EXH
595734	4172903	2.45301	OTHR-EXH
595754	4172903	2.37412	OTHR-EXH
595774	4172903	2.29951	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172903	2.22866	OTHR-EXH
594854	4172923	1.14468	OTHR-EXH
594874	4172923	1.25487	OTHR-EXH
594894	4172923	1.32862	OTHR-EXH
594914	4172923	1.44264	OTHR-EXH
595254	4172923	8.16504	OTHR-EXH
595274	4172923	7.51771	OTHR-EXH
595294	4172923	6.92412	OTHR-EXH
595314	4172923	6.40366	OTHR-EXH
595334	4172923	5.95947	OTHR-EXH
595354	4172923	5.55084	OTHR-EXH
595374	4172923	5.19944	OTHR-EXH
595394	4172923	4.89068	OTHR-EXH
595414	4172923	4.61785	OTHR-EXH
595434	4172923	4.37291	OTHR-EXH
595454	4172923	4.14774	OTHR-EXH
595474	4172923	3.94306	OTHR-EXH
595494	4172923	3.75395	OTHR-EXH
595514	4172923	3.58332	OTHR-EXH
595534	4172923	3.42689	OTHR-EXH
595554	4172923	3.28679	OTHR-EXH
595574	4172923	3.15342	OTHR-EXH
595594	4172923	3.02893	OTHR-EXH
595614	4172923	2.91518	OTHR-EXH
595634	4172923	2.80716	OTHR-EXH
595654	4172923	2.67845	OTHR-EXH
595674	4172923	2.60008	OTHR-EXH
595694	4172923	2.51578	OTHR-EXH
595714	4172923	2.43391	OTHR-EXH
595734	4172923	2.35661	OTHR-EXH
595754	4172923	2.28345	OTHR-EXH
595774	4172923	2.21404	OTHR-EXH
595314	4172943	5.62233	OTHR-EXH
595334	4172943	5.29495	OTHR-EXH
595354	4172943	4.99582	OTHR-EXH
595374	4172943	4.72262	OTHR-EXH
595394	4172943	4.47862	OTHR-EXH
595414	4172943	4.25142	OTHR-EXH
595434	4172943	4.04547	OTHR-EXH
595454	4172943	3.8566	OTHR-EXH
595474	4172943	3.6836	OTHR-EXH
595494	4172943	3.52397	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4172943	3.37531	OTHR-EXH
595534	4172943	3.2375	OTHR-EXH
595554	4172943	3.11055	OTHR-EXH
595574	4172943	2.98992	OTHR-EXH
595594	4172943	2.87977	OTHR-EXH
595614	4172943	2.77722	OTHR-EXH
595634	4172943	2.6788	OTHR-EXH
595654	4172943	2.51565	OTHR-EXH
595674	4172943	2.47186	OTHR-EXH
595694	4172943	2.41205	OTHR-EXH
595714	4172943	2.33646	OTHR-EXH
595734	4172943	2.26392	OTHR-EXH
595754	4172943	2.19509	OTHR-EXH
595774	4172943	2.12874	OTHR-EXH
595314	4172963	4.94898	OTHR-EXH
595334	4172963	4.73432	OTHR-EXH
595354	4172963	4.51337	OTHR-EXH
595374	4172963	4.30387	OTHR-EXH
595394	4172963	4.10734	OTHR-EXH
595414	4172963	3.9234	OTHR-EXH
595434	4172963	3.75349	OTHR-EXH
595454	4172963	3.5938	OTHR-EXH
595474	4172963	3.443	OTHR-EXH
595494	4172963	3.30734	OTHR-EXH
595514	4172963	3.17919	OTHR-EXH
595534	4172963	3.05903	OTHR-EXH
595554	4172963	2.94623	OTHR-EXH
595574	4172963	2.83994	OTHR-EXH
595594	4172963	2.74045	OTHR-EXH
595614	4172963	2.64777	OTHR-EXH
595634	4172963	2.55005	OTHR-EXH
595654	4172963	2.45138	OTHR-EXH
595674	4172963	2.37681	OTHR-EXH
595694	4172963	2.30146	OTHR-EXH
595714	4172963	2.2307	OTHR-EXH
595734	4172963	2.1651	OTHR-EXH
595754	4172963	2.10278	OTHR-EXH
595314	4172983	4.37557	OTHR-EXH
595334	4172983	4.23737	OTHR-EXH
595354	4172983	4.08463	OTHR-EXH
595374	4172983	3.92913	OTHR-EXH
595394	4172983	3.77786	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595414	4172983	3.62989	OTHR-EXH
595434	4172983	3.49034	OTHR-EXH
595454	4172983	3.35708	OTHR-EXH
595474	4172983	3.22839	OTHR-EXH
595494	4172983	3.111	OTHR-EXH
595514	4172983	2.99713	OTHR-EXH
595534	4172983	2.89209	OTHR-EXH
595554	4172983	2.7933	OTHR-EXH
595574	4172983	2.69714	OTHR-EXH
595594	4172983	2.60849	OTHR-EXH
595614	4172983	2.52581	OTHR-EXH
595634	4172983	2.37749	OTHR-EXH
595654	4172983	2.36095	OTHR-EXH
595674	4172983	2.28995	OTHR-EXH
595694	4172983	2.22249	OTHR-EXH
595714	4172983	2.15829	OTHR-EXH
595734	4172983	2.09711	OTHR-EXH
595754	4172983	2.03872	OTHR-EXH
595314	4173003	3.88888	OTHR-EXH
595334	4173003	3.7989	OTHR-EXH
595354	4173003	3.69925	OTHR-EXH
595374	4173003	3.59037	OTHR-EXH
595394	4173003	3.47565	OTHR-EXH
595414	4173003	3.36135	OTHR-EXH
595434	4173003	3.24862	OTHR-EXH
595454	4173003	3.13927	OTHR-EXH
595474	4173003	3.03137	OTHR-EXH
595494	4173003	2.92936	OTHR-EXH
595514	4173003	2.83137	OTHR-EXH
595534	4173003	2.73905	OTHR-EXH
595554	4173003	2.6513	OTHR-EXH
595574	4173003	2.56517	OTHR-EXH
595594	4173003	2.48597	OTHR-EXH
595614	4173003	2.40691	OTHR-EXH
595634	4173003	2.31918	OTHR-EXH
595654	4173003	2.2621	OTHR-EXH
595674	4173003	2.19711	OTHR-EXH
595694	4173003	2.13511	OTHR-EXH
595714	4173003	2.07591	OTHR-EXH
595734	4173003	2.01932	OTHR-EXH
595294	4173023	3.47853	OTHR-EXH
595314	4173023	3.45888	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595334	4173023	3.41831	OTHR-EXH
595354	4173023	3.35771	OTHR-EXH
595374	4173023	3.28369	OTHR-EXH
595394	4173023	3.20175	OTHR-EXH
595414	4173023	3.1151	OTHR-EXH
595434	4173023	3.024	OTHR-EXH
595454	4173023	2.93465	OTHR-EXH
595474	4173023	2.84642	OTHR-EXH
595494	4173023	2.76118	OTHR-EXH
595514	4173023	2.67691	OTHR-EXH
595534	4173023	2.59642	OTHR-EXH
595554	4173023	2.51854	OTHR-EXH
595574	4173023	2.44304	OTHR-EXH
595594	4173023	2.37252	OTHR-EXH
595614	4173023	2.2407	OTHR-EXH
595634	4173023	2.23101	OTHR-EXH
595654	4173023	2.16898	OTHR-EXH
595674	4173023	2.10951	OTHR-EXH
595694	4173023	2.05256	OTHR-EXH
595714	4173023	1.99797	OTHR-EXH
595294	4173043	3.09924	OTHR-EXH
595314	4173043	3.10306	OTHR-EXH
595334	4173043	3.08846	OTHR-EXH
595354	4173043	3.05475	OTHR-EXH
595374	4173043	3.00788	OTHR-EXH
595394	4173043	2.95124	OTHR-EXH
595414	4173043	2.88602	OTHR-EXH
595434	4173043	2.81681	OTHR-EXH
595454	4173043	2.74558	OTHR-EXH
595474	4173043	2.67338	OTHR-EXH
595494	4173043	2.60301	OTHR-EXH
595514	4173043	2.53126	OTHR-EXH
595534	4173043	2.4609	OTHR-EXH
595554	4173043	2.39346	OTHR-EXH
595574	4173043	2.32808	OTHR-EXH
595594	4173043	2.26409	OTHR-EXH
595614	4173043	2.15138	OTHR-EXH
595634	4173043	2.13748	OTHR-EXH
595654	4173043	2.08103	OTHR-EXH
595674	4173043	2.02669	OTHR-EXH
595694	4173043	1.97442	OTHR-EXH
595294	4173063	2.78217	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4173063	2.80123	OTHR-EXH
595334	4173063	2.80242	OTHR-EXH
595354	4173063	2.78777	OTHR-EXH
595374	4173063	2.76023	OTHR-EXH
595394	4173063	2.72086	OTHR-EXH
595414	4173063	2.6743	OTHR-EXH
595434	4173063	2.62316	OTHR-EXH
595454	4173063	2.56959	OTHR-EXH
595474	4173063	2.51277	OTHR-EXH
595494	4173063	2.45556	OTHR-EXH
595514	4173063	2.39528	OTHR-EXH
595534	4173063	2.33442	OTHR-EXH
595554	4173063	2.27625	OTHR-EXH
595574	4173063	2.21773	OTHR-EXH
595594	4173063	2.15523	OTHR-EXH
595614	4173063	2.09371	OTHR-EXH
595634	4173063	2.04886	OTHR-EXH
595654	4173063	1.99769	OTHR-EXH
595354	4173083	2.55244	OTHR-EXH
595374	4173083	2.53695	OTHR-EXH
595394	4173083	2.51208	OTHR-EXH
595414	4173083	2.48058	OTHR-EXH
595434	4173083	2.44426	OTHR-EXH
595454	4173083	2.40525	OTHR-EXH
595474	4173083	2.36227	OTHR-EXH
595494	4173083	2.31858	OTHR-EXH
595514	4173083	2.26913	OTHR-EXH
595534	4173083	2.21454	OTHR-EXH
595554	4173083	2.16548	OTHR-EXH
595574	4173083	2.11398	OTHR-EXH
595594	4173083	2.06445	OTHR-EXH
595614	4173083	1.93888	OTHR-EXH
595334	4173103	2.33789	OTHR-EXH
595354	4173103	2.34427	OTHR-EXH
595374	4173103	2.33853	OTHR-EXH
595394	4173103	2.32439	OTHR-EXH
595414	4173103	2.30435	OTHR-EXH
595434	4173103	2.27972	OTHR-EXH
595454	4173103	2.25277	OTHR-EXH
595474	4173103	2.22158	OTHR-EXH
595494	4173103	2.18693	OTHR-EXH
595514	4173103	2.1417	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4173103	2.10135	OTHR-EXH
595334	4173123	2.14856	OTHR-EXH
595354	4173123	2.16018	OTHR-EXH
595374	4173123	2.16205	OTHR-EXH
595394	4173123	2.15633	OTHR-EXH
595414	4173123	2.14559	OTHR-EXH
595434	4173123	2.13023	OTHR-EXH
595454	4173123	2.11225	OTHR-EXH
595474	4173123	2.09076	OTHR-EXH
595494	4173123	2.06284	OTHR-EXH
595514	4173123	2.02565	OTHR-EXH
595354	4173143	1.9989	OTHR-EXH
595374	4173143	2.00648	OTHR-EXH
595394	4173143	2.00821	OTHR-EXH
595414	4173143	2.00876	OTHR-EXH
595434	4173143	1.99869	OTHR-EXH
595494	4173143	1.94207	OTHR-EXH
595354	4173163	1.85892	OTHR-EXH
595374	4173163	1.86933	OTHR-EXH
595394	4173163	1.87437	OTHR-EXH
595414	4173163	1.87766	OTHR-EXH
595434	4173163	1.87235	OTHR-EXH
595374	4173183	1.74648	OTHR-EXH
595394	4173183	1.75401	OTHR-EXH
595414	4173183	1.75756	OTHR-EXH
595434	4173183	1.75669	OTHR-EXH
595203.12	4172931.43	8.16982	OTHR-EXH
595305.29	4173022.49	3.47969	OTHR-EXH
596059.85	4172738.92	1.91314	OTHR-EXH
595782.4	4171913.24	5.35081	OTHR-EXH
595790.49	4171877.76	4.08724	OTHR-EXH
595826.59	4171700.37	1.62288	OTHR-EXH
595857.85	4171568.4	1.01998	OTHR-EXH
595427.66	4172811.08	6.96211	OTHR-EXH
595616.96	4172890.78	3.13604	OTHR-EXH
595465.61	4172972.42	3.39636	OTHR-EXH
595413.93	4172953.11	4.08198	OTHR-EXH
595207.62	4172857.58	36.09544	OTHR-EXH
595229.35	4172793.73	42.23176	OTHR-EXH
595251.41	4172717.21	45.41462	OTHR-EXH
595276.16	4172654.64	42.29429	OTHR-EXH
595286.24	4171790.65	1.78829	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595306.24	4171790.65	1.78415	OTHR-EXH
595326.24	4171790.65	1.77915	OTHR-EXH
595266.24	4171810.65	1.94692	OTHR-EXH
595286.24	4171810.65	1.94756	OTHR-EXH
595306.24	4171810.65	1.95125	OTHR-EXH
595326.24	4171810.65	1.94881	OTHR-EXH
595246.24	4171830.65	2.11069	OTHR-EXH
595266.24	4171830.65	2.1193	OTHR-EXH
595286.24	4171830.65	2.12732	OTHR-EXH
595306.24	4171830.65	2.13581	OTHR-EXH
595326.24	4171830.65	2.14017	OTHR-EXH
595226.24	4171850.65	2.27617	OTHR-EXH
595246.24	4171850.65	2.29791	OTHR-EXH
595266.24	4171850.65	2.31464	OTHR-EXH
595286.24	4171850.65	2.3295	OTHR-EXH
595306.24	4171850.65	2.34303	OTHR-EXH
595326.24	4171850.65	2.35474	OTHR-EXH
595206.24	4171870.65	2.44842	OTHR-EXH
595226.24	4171870.65	2.47657	OTHR-EXH
595246.24	4171870.65	2.50289	OTHR-EXH
595266.24	4171870.65	2.52661	OTHR-EXH
595286.24	4171870.65	2.55069	OTHR-EXH
595306.24	4171870.65	2.5735	OTHR-EXH
595186.24	4171890.65	2.61887	OTHR-EXH
595206.24	4171890.65	2.65671	OTHR-EXH
595226.24	4171890.65	2.69296	OTHR-EXH
595246.24	4171890.65	2.72908	OTHR-EXH
595266.24	4171890.65	2.76343	OTHR-EXH
595286.24	4171890.65	2.79793	OTHR-EXH
595306.24	4171890.65	2.8314	OTHR-EXH
595186.24	4171910.65	2.83291	OTHR-EXH
595206.24	4171910.65	2.88167	OTHR-EXH
595226.24	4171910.65	2.93086	OTHR-EXH
595246.24	4171910.65	2.98004	OTHR-EXH
595266.24	4171910.65	3.02809	OTHR-EXH
595286.24	4171910.65	3.07303	OTHR-EXH
595306.24	4171910.65	3.12081	OTHR-EXH
595166.24	4171930.65	3.00005	OTHR-EXH
595186.24	4171930.65	3.06412	OTHR-EXH
595206.24	4171930.65	3.12942	OTHR-EXH
595226.24	4171930.65	3.19145	OTHR-EXH
595246.24	4171930.65	3.25803	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595266.24	4171930.65	3.31994	OTHR-EXH
595286.24	4171930.65	3.38196	OTHR-EXH
595166.24	4171950.65	3.23361	OTHR-EXH
595186.24	4171950.65	3.3129	OTHR-EXH
595206.24	4171950.65	3.39442	OTHR-EXH
595226.24	4171950.65	3.47307	OTHR-EXH
595246.24	4171950.65	3.55963	OTHR-EXH
595266.24	4171950.65	3.64263	OTHR-EXH
595286.24	4171950.65	3.72742	OTHR-EXH
595146.24	4171970.65	3.37841	OTHR-EXH
595166.24	4171970.65	3.47458	OTHR-EXH
595186.24	4171970.65	3.57622	OTHR-EXH
595206.24	4171970.65	3.67874	OTHR-EXH
595226.24	4171970.65	3.78132	OTHR-EXH
595246.24	4171970.65	3.89382	OTHR-EXH
595266.24	4171970.65	4.00095	OTHR-EXH
595146.24	4171990.65	3.61702	OTHR-EXH
595166.24	4171990.65	3.73449	OTHR-EXH
595186.24	4171990.65	3.85828	OTHR-EXH
595206.24	4171990.65	3.98445	OTHR-EXH
595852.66	4171825.33	3.17109	OTHR-EXH
595852.66	4171845.33	3.55837	OTHR-EXH
595852.66	4171865.33	4.0094	OTHR-EXH
595872.66	4171865.33	4.01894	OTHR-EXH
595892.66	4171865.33	3.99466	OTHR-EXH
595832.66	4171885.33	4.52085	OTHR-EXH
595852.66	4171885.33	4.5319	OTHR-EXH
595872.66	4171885.33	4.49679	OTHR-EXH
595892.66	4171885.33	4.42407	OTHR-EXH
595832.66	4171905.33	5.17679	OTHR-EXH
595852.66	4171905.33	5.12765	OTHR-EXH
595872.66	4171905.33	5.02445	OTHR-EXH
595892.66	4171905.33	4.88341	OTHR-EXH
595912.66	4171905.33	4.71683	OTHR-EXH
595832.66	4171925.33	5.93622	OTHR-EXH
595852.66	4171925.33	5.78763	OTHR-EXH
595872.66	4171925.33	5.5888	OTHR-EXH
595892.66	4171925.33	5.36156	OTHR-EXH
595912.66	4171925.33	5.1203	OTHR-EXH
595852.66	4171945.33	6.50433	OTHR-EXH
595872.66	4171945.33	6.17926	OTHR-EXH
595892.66	4171945.33	5.84555	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595912.66	4171945.33	5.51688	OTHR-EXH
595932.66	4171945.33	5.20145	OTHR-EXH
595102.43	4172101.44	4.46197	OTHR-EXH
595122.43	4172101.44	4.70048	OTHR-EXH
595142.43	4172101.44	4.96634	OTHR-EXH
595102.43	4172121.44	4.6078	OTHR-EXH
595122.43	4172121.44	4.86634	OTHR-EXH
595142.43	4172121.44	5.16361	OTHR-EXH
595082.43	4172141.44	4.47798	OTHR-EXH
595102.43	4172141.44	4.7286	OTHR-EXH
595122.43	4172141.44	5.01206	OTHR-EXH
595142.43	4172141.44	5.33372	OTHR-EXH
595082.43	4172161.44	4.56653	OTHR-EXH
595102.43	4172161.44	4.84002	OTHR-EXH
595122.43	4172161.44	5.13484	OTHR-EXH
595142.43	4172161.44	5.47637	OTHR-EXH
595082.43	4172181.44	4.63844	OTHR-EXH
595102.43	4172181.44	4.92015	OTHR-EXH
595122.43	4172181.44	5.23538	OTHR-EXH
595142.43	4172181.44	5.59322	OTHR-EXH
595062.43	4172201.44	4.43822	OTHR-EXH
595082.43	4172201.44	4.69819	OTHR-EXH
595102.43	4172201.44	4.99304	OTHR-EXH
595122.43	4172201.44	5.31934	OTHR-EXH
595142.43	4172201.44	5.6935	OTHR-EXH
595162.43	4172201.44	6.12205	OTHR-EXH
595062.43	4172221.44	4.48803	OTHR-EXH
595082.43	4172221.44	4.75626	OTHR-EXH
595102.43	4172221.44	5.06269	OTHR-EXH
595122.43	4172221.44	5.39688	OTHR-EXH
595142.43	4172221.44	5.78258	OTHR-EXH
595162.43	4172221.44	6.22576	OTHR-EXH
595062.43	4172241.44	4.54538	OTHR-EXH
595082.43	4172241.44	4.82397	OTHR-EXH
595102.43	4172241.44	5.13335	OTHR-EXH
595122.43	4172241.44	5.4829	OTHR-EXH
595142.43	4172241.44	5.89445	OTHR-EXH
595162.43	4172241.44	6.37251	OTHR-EXH
595062.43	4172261.44	4.61471	OTHR-EXH
595082.43	4172261.44	4.90782	OTHR-EXH
595102.43	4172261.44	5.21163	OTHR-EXH
595122.43	4172261.44	5.57725	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595142.43	4172261.44	6.01617	OTHR-EXH
595042.43	4172281.44	4.41762	OTHR-EXH
595062.43	4172281.44	4.68633	OTHR-EXH
595082.43	4172281.44	4.98963	OTHR-EXH
595102.43	4172281.44	5.29808	OTHR-EXH
595122.43	4172281.44	5.70839	OTHR-EXH
595142.43	4172281.44	6.15261	OTHR-EXH
595162.43	4172281.44	6.66205	OTHR-EXH
595042.43	4172301.44	4.48455	OTHR-EXH
595062.43	4172301.44	4.76602	OTHR-EXH
595082.43	4172301.44	5.07117	OTHR-EXH
595102.43	4172301.44	5.40814	OTHR-EXH
595122.43	4172301.44	5.82367	OTHR-EXH
595142.43	4172301.44	6.29703	OTHR-EXH
595162.43	4172301.44	6.84922	OTHR-EXH
595042.43	4172321.44	4.56318	OTHR-EXH
595062.43	4172321.44	4.85659	OTHR-EXH
595082.43	4172321.44	5.06539	OTHR-EXH
595102.43	4172321.44	5.52291	OTHR-EXH
595122.43	4172321.44	5.95131	OTHR-EXH
595142.43	4172321.44	6.46482	OTHR-EXH
595162.43	4172321.44	7.04841	OTHR-EXH
595022.43	4172341.44	4.37102	OTHR-EXH
595042.43	4172341.44	4.64499	OTHR-EXH
595062.43	4172341.44	4.94931	OTHR-EXH
595082.43	4172341.44	5.28505	OTHR-EXH
595102.43	4172341.44	5.66343	OTHR-EXH
595122.43	4172341.44	6.09915	OTHR-EXH
595142.43	4172341.44	6.64477	OTHR-EXH
595162.43	4172341.44	7.27059	OTHR-EXH
595509.2	4172311.1	15.72945	OTHR-EXH
595453.66	4172369.33	18.02651	OTHR-EXH
595568.33	4173021.18	2.47484	OTHR-EXH
595515	4172097	21.21678	OTHR-EXH
595271.59	4172931.11	7.05603	OTHR-EXH
595259.54	4172956.67	5.77544	OTHR-EXH
595229.53	4172979.48	4.63748	OTHR-EXH
595158.78	4172948.61	4.59046	OTHR-EXH
595424.36	4172061.47	9.49981	OTHR-EXH
595637.78	4172033.56	19.45855	OTHR-EXH
595497.98	4172569.45	9.73399	OTHR-EXH
595440.32	4172695.89	9.53525	OTHR-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595531.7	4172736.24	5.90987	OTHR-EXH
595503.43	4172797.49	5.4829	OTHR-EXH
595293.61	4172706.67	26.28162	OTHR-EXH
595216.89	4172907.31	12.07868	OTHR-EXH
595554	4171743	1.17936	OTHR-IDL
595574	4171743	1.19396	OTHR-IDL
595594	4171743	1.19692	OTHR-IDL
595614	4171743	1.22135	OTHR-IDL
595634	4171743	1.24654	OTHR-IDL
595654	4171743	1.27311	OTHR-IDL
595674	4171743	1.31684	OTHR-IDL
595694	4171743	1.3839	OTHR-IDL
595714	4171743	1.43999	OTHR-IDL
595534	4171763	1.28798	OTHR-IDL
595554	4171763	1.28367	OTHR-IDL
595574	4171763	1.29643	OTHR-IDL
595594	4171763	1.30528	OTHR-IDL
595614	4171763	1.33827	OTHR-IDL
595634	4171763	1.36951	OTHR-IDL
595654	4171763	1.40173	OTHR-IDL
595674	4171763	1.45741	OTHR-IDL
595694	4171763	1.53048	OTHR-IDL
595714	4171763	1.60981	OTHR-IDL
595734	4171763	1.70644	OTHR-IDL
595754	4171763	1.79336	OTHR-IDL
595774	4171763	1.87728	OTHR-IDL
595314	4171783	1.65583	OTHR-IDL
595334	4171783	1.63795	OTHR-IDL
595534	4171783	1.40309	OTHR-IDL
595554	4171783	1.40752	OTHR-IDL
595574	4171783	1.41956	OTHR-IDL
595594	4171783	1.43358	OTHR-IDL
595614	4171783	1.4602	OTHR-IDL
595634	4171783	1.51261	OTHR-IDL
595654	4171783	1.55895	OTHR-IDL
595674	4171783	1.63179	OTHR-IDL
595694	4171783	1.71379	OTHR-IDL
595714	4171783	1.82618	OTHR-IDL
595734	4171783	1.92943	OTHR-IDL
595754	4171783	2.02598	OTHR-IDL
595774	4171783	2.12123	OTHR-IDL
595794	4171783	2.20341	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595274	4171803	1.85377	OTHR-IDL
595294	4171803	1.85163	OTHR-IDL
595314	4171803	1.844	OTHR-IDL
595334	4171803	1.82813	OTHR-IDL
595534	4171803	1.54613	OTHR-IDL
595554	4171803	1.54969	OTHR-IDL
595574	4171803	1.57092	OTHR-IDL
595594	4171803	1.59313	OTHR-IDL
595614	4171803	1.62953	OTHR-IDL
595634	4171803	1.68547	OTHR-IDL
595654	4171803	1.74839	OTHR-IDL
595674	4171803	1.83762	OTHR-IDL
595694	4171803	1.94471	OTHR-IDL
595714	4171803	2.07533	OTHR-IDL
595734	4171803	2.20062	OTHR-IDL
595754	4171803	2.30616	OTHR-IDL
595774	4171803	2.41148	OTHR-IDL
595794	4171803	2.49305	OTHR-IDL
595814	4171803	2.55514	OTHR-IDL
595254	4171823	2.03837	OTHR-IDL
595274	4171823	2.05222	OTHR-IDL
595294	4171823	2.06029	OTHR-IDL
595314	4171823	2.06258	OTHR-IDL
595334	4171823	2.05427	OTHR-IDL
595514	4171823	1.74089	OTHR-IDL
595534	4171823	1.71938	OTHR-IDL
595554	4171823	1.72584	OTHR-IDL
595574	4171823	1.72639	OTHR-IDL
595594	4171823	1.75642	OTHR-IDL
595614	4171823	1.81967	OTHR-IDL
595634	4171823	1.88891	OTHR-IDL
595654	4171823	1.98721	OTHR-IDL
595674	4171823	2.11707	OTHR-IDL
595694	4171823	2.23629	OTHR-IDL
595714	4171823	2.39554	OTHR-IDL
595734	4171823	2.53788	OTHR-IDL
595754	4171823	2.65703	OTHR-IDL
595774	4171823	2.75762	OTHR-IDL
595794	4171823	2.83127	OTHR-IDL
595814	4171823	2.87983	OTHR-IDL
595834	4171823	2.90532	OTHR-IDL
595854	4171823	2.90719	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595234	4171843	2.21529	OTHR-IDL
595254	4171843	2.25098	OTHR-IDL
595274	4171843	2.28134	OTHR-IDL
595294	4171843	2.30376	OTHR-IDL
595314	4171843	2.31648	OTHR-IDL
595334	4171843	2.32094	OTHR-IDL
595514	4171843	1.9552	OTHR-IDL
595534	4171843	1.93151	OTHR-IDL
595554	4171843	1.93308	OTHR-IDL
595574	4171843	1.96916	OTHR-IDL
595594	4171843	1.97762	OTHR-IDL
595614	4171843	2.06278	OTHR-IDL
595634	4171843	2.15666	OTHR-IDL
595654	4171843	2.2889	OTHR-IDL
595674	4171843	2.43907	OTHR-IDL
595694	4171843	2.61711	OTHR-IDL
595714	4171843	2.80664	OTHR-IDL
595734	4171843	2.95456	OTHR-IDL
595754	4171843	3.08023	OTHR-IDL
595774	4171843	3.16868	OTHR-IDL
595794	4171843	3.2248	OTHR-IDL
595814	4171843	3.24826	OTHR-IDL
595854	4171843	3.21556	OTHR-IDL
595874	4171843	3.169	OTHR-IDL
595214	4171863	2.35473	OTHR-IDL
595234	4171863	2.41997	OTHR-IDL
595254	4171863	2.48066	OTHR-IDL
595274	4171863	2.53242	OTHR-IDL
595294	4171863	2.57826	OTHR-IDL
595314	4171863	2.61115	OTHR-IDL
595334	4171863	2.63438	OTHR-IDL
595514	4171863	2.22375	OTHR-IDL
595534	4171863	2.19661	OTHR-IDL
595554	4171863	2.19491	OTHR-IDL
595574	4171863	2.21306	OTHR-IDL
595594	4171863	2.25832	OTHR-IDL
595614	4171863	2.34135	OTHR-IDL
595634	4171863	2.49382	OTHR-IDL
595654	4171863	2.68457	OTHR-IDL
595674	4171863	2.86975	OTHR-IDL
595694	4171863	3.12189	OTHR-IDL
595714	4171863	3.3165	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4171863	3.47171	OTHR-IDL
595754	4171863	3.58961	OTHR-IDL
595774	4171863	3.65824	OTHR-IDL
595794	4171863	3.68259	OTHR-IDL
595814	4171863	3.66459	OTHR-IDL
595834	4171863	3.61467	OTHR-IDL
595854	4171863	3.54395	OTHR-IDL
595874	4171863	3.4582	OTHR-IDL
595894	4171863	3.36219	OTHR-IDL
595194	4171883	2.45082	OTHR-IDL
595214	4171883	2.54185	OTHR-IDL
595234	4171883	2.63191	OTHR-IDL
595254	4171883	2.71909	OTHR-IDL
595274	4171883	2.80213	OTHR-IDL
595294	4171883	2.87968	OTHR-IDL
595314	4171883	2.94494	OTHR-IDL
595514	4171883	2.58606	OTHR-IDL
595534	4171883	2.54672	OTHR-IDL
595554	4171883	2.53175	OTHR-IDL
595574	4171883	2.54666	OTHR-IDL
595594	4171883	2.61086	OTHR-IDL
595614	4171883	2.73056	OTHR-IDL
595634	4171883	2.92165	OTHR-IDL
595654	4171883	3.19522	OTHR-IDL
595674	4171883	3.45531	OTHR-IDL
595694	4171883	3.76027	OTHR-IDL
595714	4171883	3.97891	OTHR-IDL
595734	4171883	4.12071	OTHR-IDL
595754	4171883	4.19895	OTHR-IDL
595774	4171883	4.21923	OTHR-IDL
595794	4171883	4.18247	OTHR-IDL
595814	4171883	4.11271	OTHR-IDL
595834	4171883	4.00835	OTHR-IDL
595854	4171883	3.88727	OTHR-IDL
595874	4171883	3.75645	OTHR-IDL
595894	4171883	3.62113	OTHR-IDL
595174	4171903	2.49521	OTHR-IDL
595194	4171903	2.60288	OTHR-IDL
595214	4171903	2.71492	OTHR-IDL
595234	4171903	2.83569	OTHR-IDL
595254	4171903	2.95922	OTHR-IDL
595274	4171903	3.08205	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595294	4171903	3.2021	OTHR-IDL
595314	4171903	3.31597	OTHR-IDL
595514	4171903	3.05428	OTHR-IDL
595534	4171903	2.98008	OTHR-IDL
595554	4171903	2.96313	OTHR-IDL
595574	4171903	3.00155	OTHR-IDL
595594	4171903	3.09283	OTHR-IDL
595614	4171903	3.2758	OTHR-IDL
595634	4171903	3.54151	OTHR-IDL
595654	4171903	3.90592	OTHR-IDL
595674	4171903	4.26285	OTHR-IDL
595694	4171903	4.57681	OTHR-IDL
595714	4171903	4.79366	OTHR-IDL
595734	4171903	4.91089	OTHR-IDL
595754	4171903	4.92597	OTHR-IDL
595774	4171903	4.86082	OTHR-IDL
595794	4171903	4.74232	OTHR-IDL
595814	4171903	4.58895	OTHR-IDL
595834	4171903	4.41607	OTHR-IDL
595854	4171903	4.23496	OTHR-IDL
595874	4171903	4.05272	OTHR-IDL
595894	4171903	3.87529	OTHR-IDL
595914	4171903	3.70473	OTHR-IDL
595174	4171923	2.61796	OTHR-IDL
595194	4171923	2.74246	OTHR-IDL
595214	4171923	2.88037	OTHR-IDL
595234	4171923	3.02796	OTHR-IDL
595254	4171923	3.18775	OTHR-IDL
595274	4171923	3.35753	OTHR-IDL
595294	4171923	3.52827	OTHR-IDL
595534	4171923	3.59883	OTHR-IDL
595554	4171923	3.55254	OTHR-IDL
595574	4171923	3.59059	OTHR-IDL
595594	4171923	3.73792	OTHR-IDL
595614	4171923	4.03647	OTHR-IDL
595634	4171923	4.46718	OTHR-IDL
595654	4171923	4.94458	OTHR-IDL
595674	4171923	5.38417	OTHR-IDL
595694	4171923	5.68267	OTHR-IDL
595714	4171923	5.86503	OTHR-IDL
595734	4171923	5.84954	OTHR-IDL
595754	4171923	5.74078	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4171923	5.55864	OTHR-IDL
595794	4171923	5.33023	OTHR-IDL
595814	4171923	5.07993	OTHR-IDL
595834	4171923	4.82665	OTHR-IDL
595854	4171923	4.57787	OTHR-IDL
595874	4171923	4.34158	OTHR-IDL
595894	4171923	4.11836	OTHR-IDL
595914	4171923	3.91169	OTHR-IDL
595154	4171943	2.6124	OTHR-IDL
595174	4171943	2.7351	OTHR-IDL
595194	4171943	2.87448	OTHR-IDL
595214	4171943	3.02777	OTHR-IDL
595234	4171943	3.20132	OTHR-IDL
595254	4171943	3.39759	OTHR-IDL
595274	4171943	3.61013	OTHR-IDL
595294	4171943	3.84147	OTHR-IDL
595534	4171943	4.50388	OTHR-IDL
595554	4171943	4.39217	OTHR-IDL
595574	4171943	4.43727	OTHR-IDL
595594	4171943	4.67373	OTHR-IDL
595614	4171943	5.1673	OTHR-IDL
595634	4171943	5.83717	OTHR-IDL
595654	4171943	6.48129	OTHR-IDL
595674	4171943	6.95046	OTHR-IDL
595694	4171943	7.15966	OTHR-IDL
595714	4171943	7.14147	OTHR-IDL
595734	4171943	6.93989	OTHR-IDL
595754	4171943	6.65476	OTHR-IDL
595774	4171943	6.30168	OTHR-IDL
595794	4171943	5.91316	OTHR-IDL
595814	4171943	5.56038	OTHR-IDL
595834	4171943	5.22235	OTHR-IDL
595854	4171943	4.90539	OTHR-IDL
595874	4171943	4.61447	OTHR-IDL
595894	4171943	4.34908	OTHR-IDL
595914	4171943	4.10721	OTHR-IDL
595934	4171943	3.88757	OTHR-IDL
595154	4171963	2.70808	OTHR-IDL
595174	4171963	2.841	OTHR-IDL
595194	4171963	2.99017	OTHR-IDL
595214	4171963	3.16128	OTHR-IDL
595234	4171963	3.35283	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595254	4171963	3.5825	OTHR-IDL
595274	4171963	3.83544	OTHR-IDL
595554	4171963	5.67367	OTHR-IDL
595574	4171963	5.71143	OTHR-IDL
595594	4171963	6.14853	OTHR-IDL
595614	4171963	7.01999	OTHR-IDL
595634	4171963	8.04809	OTHR-IDL
595654	4171963	8.78898	OTHR-IDL
595674	4171963	9.10926	OTHR-IDL
595694	4171963	9.04597	OTHR-IDL
595714	4171963	8.67811	OTHR-IDL
595734	4171963	8.17149	OTHR-IDL
595754	4171963	7.61596	OTHR-IDL
595774	4171963	7.05483	OTHR-IDL
595794	4171963	6.52425	OTHR-IDL
595814	4171963	6.03795	OTHR-IDL
595834	4171963	5.59868	OTHR-IDL
595854	4171963	5.20464	OTHR-IDL
595874	4171963	4.84262	OTHR-IDL
595894	4171963	4.54569	OTHR-IDL
595914	4171963	4.27698	OTHR-IDL
595934	4171963	4.03466	OTHR-IDL
595154	4171983	2.78877	OTHR-IDL
595174	4171983	2.92642	OTHR-IDL
595194	4171983	3.08688	OTHR-IDL
595214	4171983	3.27034	OTHR-IDL
595234	4171983	3.48317	OTHR-IDL
595254	4171983	3.72094	OTHR-IDL
595574	4171983	7.80621	OTHR-IDL
595754	4172023	10.09914	OTHR-IDL
595774	4172023	8.85059	OTHR-IDL
595794	4172023	7.84939	OTHR-IDL
595814	4172023	7.04471	OTHR-IDL
595834	4172023	6.38814	OTHR-IDL
595714	4172043	14.74491	OTHR-IDL
595734	4172043	12.28257	OTHR-IDL
595754	4172043	10.43834	OTHR-IDL
595774	4172043	9.07792	OTHR-IDL
595794	4172043	8.0152	OTHR-IDL
595814	4172043	7.16726	OTHR-IDL
595834	4172043	6.47848	OTHR-IDL
595854	4172043	5.91388	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4172043	5.44037	OTHR-IDL
595894	4172043	5.03744	OTHR-IDL
595914	4172043	4.69037	OTHR-IDL
595934	4172043	4.39098	OTHR-IDL
595714	4172063	15.04164	OTHR-IDL
595734	4172063	12.36476	OTHR-IDL
595754	4172063	10.51122	OTHR-IDL
595774	4172063	9.11886	OTHR-IDL
595794	4172063	8.04352	OTHR-IDL
595814	4172063	7.19328	OTHR-IDL
595834	4172063	6.50484	OTHR-IDL
595854	4172063	5.94007	OTHR-IDL
595874	4172063	5.46682	OTHR-IDL
595894	4172063	5.06394	OTHR-IDL
595914	4172063	4.71655	OTHR-IDL
595934	4172063	4.41337	OTHR-IDL
595714	4172083	14.58343	OTHR-IDL
595734	4172083	12.05805	OTHR-IDL
595754	4172083	10.29096	OTHR-IDL
595774	4172083	8.96308	OTHR-IDL
595794	4172083	7.93621	OTHR-IDL
595814	4172083	7.12113	OTHR-IDL
595834	4172083	6.45946	OTHR-IDL
595854	4172083	5.91226	OTHR-IDL
595874	4172083	5.45127	OTHR-IDL
595894	4172083	5.05709	OTHR-IDL
595914	4172083	4.71558	OTHR-IDL
595934	4172083	4.41657	OTHR-IDL
595114	4172103	2.69673	OTHR-IDL
595134	4172103	2.76912	OTHR-IDL
595714	4172103	13.62819	OTHR-IDL
595734	4172103	11.45843	OTHR-IDL
595754	4172103	9.87863	OTHR-IDL
595774	4172103	8.67757	OTHR-IDL
595794	4172103	7.73797	OTHR-IDL
595814	4172103	6.98245	OTHR-IDL
595834	4172103	6.36279	OTHR-IDL
595854	4172103	5.84459	OTHR-IDL
595874	4172103	5.40411	OTHR-IDL
595894	4172103	5.02458	OTHR-IDL
595914	4172103	4.69362	OTHR-IDL
595934	4172103	4.40217	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595094	4172123	2.69672	OTHR-IDL
595114	4172123	2.76355	OTHR-IDL
595134	4172123	2.83199	OTHR-IDL
595694	4172123	15.04937	OTHR-IDL
595714	4172123	12.59178	OTHR-IDL
595734	4172123	10.77739	OTHR-IDL
595754	4172123	9.40783	OTHR-IDL
595774	4172123	8.34766	OTHR-IDL
595794	4172123	7.50327	OTHR-IDL
595814	4172123	6.81468	OTHR-IDL
595834	4172123	6.24122	OTHR-IDL
595854	4172123	5.75576	OTHR-IDL
595874	4172123	5.33895	OTHR-IDL
595894	4172123	4.97648	OTHR-IDL
595914	4172123	4.65815	OTHR-IDL
595934	4172123	4.37608	OTHR-IDL
595094	4172143	2.79878	OTHR-IDL
595114	4172143	2.87131	OTHR-IDL
595134	4172143	2.94306	OTHR-IDL
595694	4172143	13.72612	OTHR-IDL
595714	4172143	11.75036	OTHR-IDL
595734	4172143	10.19763	OTHR-IDL
595754	4172143	9.00102	OTHR-IDL
595774	4172143	8.05634	OTHR-IDL
595794	4172143	7.29064	OTHR-IDL
595814	4172143	6.65679	OTHR-IDL
595834	4172143	6.12278	OTHR-IDL
595854	4172143	5.66606	OTHR-IDL
595874	4172143	5.27042	OTHR-IDL
595894	4172143	4.92384	OTHR-IDL
595914	4172143	4.61752	OTHR-IDL
595934	4172143	4.34458	OTHR-IDL
595094	4172163	2.93086	OTHR-IDL
595114	4172163	3.01882	OTHR-IDL
595134	4172163	3.10302	OTHR-IDL
595154	4172163	3.18733	OTHR-IDL
595614	4172163	21.02558	OTHR-IDL
595634	4172163	19.39902	OTHR-IDL
595654	4172163	17.0217	OTHR-IDL
595674	4172163	14.80457	OTHR-IDL
595694	4172163	12.76971	OTHR-IDL
595714	4172163	11.1091	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172163	9.77946	OTHR-IDL
595754	4172163	8.7123	OTHR-IDL
595774	4172163	7.84792	OTHR-IDL
595794	4172163	7.13476	OTHR-IDL
595814	4172163	6.53716	OTHR-IDL
595834	4172163	6.02947	OTHR-IDL
595854	4172163	5.59235	OTHR-IDL
595874	4172163	5.21163	OTHR-IDL
595894	4172163	4.87673	OTHR-IDL
595914	4172163	4.57953	OTHR-IDL
595074	4172183	2.96771	OTHR-IDL
595094	4172183	3.08071	OTHR-IDL
595114	4172183	3.19331	OTHR-IDL
595134	4172183	3.30307	OTHR-IDL
595154	4172183	3.40715	OTHR-IDL
595614	4172183	16.23108	OTHR-IDL
595634	4172183	15.70852	OTHR-IDL
595654	4172183	14.7281	OTHR-IDL
595674	4172183	13.3038	OTHR-IDL
595694	4172183	11.88557	OTHR-IDL
595714	4172183	10.59536	OTHR-IDL
595734	4172183	9.47338	OTHR-IDL
595754	4172183	8.5219	OTHR-IDL
595774	4172183	7.72019	OTHR-IDL
595794	4172183	7.04243	OTHR-IDL
595814	4172183	6.46589	OTHR-IDL
595834	4172183	5.97192	OTHR-IDL
595854	4172183	5.54455	OTHR-IDL
595874	4172183	5.17138	OTHR-IDL
595894	4172183	4.84249	OTHR-IDL
595914	4172183	4.5502	OTHR-IDL
595074	4172203	3.09882	OTHR-IDL
595094	4172203	3.23888	OTHR-IDL
595114	4172203	3.38224	OTHR-IDL
595134	4172203	3.52777	OTHR-IDL
595154	4172203	3.66996	OTHR-IDL
595594	4172203	12.81595	OTHR-IDL
595614	4172203	13.60571	OTHR-IDL
595634	4172203	13.48914	OTHR-IDL
595654	4172203	12.95953	OTHR-IDL
595674	4172203	12.09547	OTHR-IDL
595694	4172203	11.1171	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172203	10.13316	OTHR-IDL
595734	4172203	9.20791	OTHR-IDL
595754	4172203	8.37398	OTHR-IDL
595774	4172203	7.63653	OTHR-IDL
595794	4172203	6.99239	OTHR-IDL
595814	4172203	6.43288	OTHR-IDL
595834	4172203	5.94695	OTHR-IDL
595854	4172203	5.52344	OTHR-IDL
595874	4172203	5.15206	OTHR-IDL
595894	4172203	4.82422	OTHR-IDL
595914	4172203	4.53274	OTHR-IDL
595074	4172223	3.22463	OTHR-IDL
595094	4172223	3.39522	OTHR-IDL
595114	4172223	3.57054	OTHR-IDL
595134	4172223	3.75961	OTHR-IDL
595154	4172223	3.95086	OTHR-IDL
595594	4172223	11.70523	OTHR-IDL
595614	4172223	12.13256	OTHR-IDL
595634	4172223	12.22121	OTHR-IDL
595654	4172223	11.8342	OTHR-IDL
595674	4172223	11.22224	OTHR-IDL
595694	4172223	10.49027	OTHR-IDL
595714	4172223	9.71476	OTHR-IDL
595734	4172223	8.94744	OTHR-IDL
595754	4172223	8.22346	OTHR-IDL
595774	4172223	7.55602	OTHR-IDL
595794	4172223	6.9533	OTHR-IDL
595814	4172223	6.416	OTHR-IDL
595834	4172223	5.94038	OTHR-IDL
595854	4172223	5.52039	OTHR-IDL
595874	4172223	5.14924	OTHR-IDL
595894	4172223	4.82007	OTHR-IDL
595054	4172243	3.17594	OTHR-IDL
595074	4172243	3.34621	OTHR-IDL
595094	4172243	3.5401	OTHR-IDL
595114	4172243	3.74736	OTHR-IDL
595134	4172243	3.98069	OTHR-IDL
595154	4172243	4.23674	OTHR-IDL
595594	4172243	11.52832	OTHR-IDL
595614	4172243	11.60338	OTHR-IDL
595634	4172243	11.57341	OTHR-IDL
595654	4172243	11.18614	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172243	10.64529	OTHR-IDL
595694	4172243	10.01894	OTHR-IDL
595714	4172243	9.35749	OTHR-IDL
595734	4172243	8.69566	OTHR-IDL
595754	4172243	8.05815	OTHR-IDL
595774	4172243	7.45673	OTHR-IDL
595794	4172243	6.90026	OTHR-IDL
595814	4172243	6.39263	OTHR-IDL
595834	4172243	5.93398	OTHR-IDL
595854	4172243	5.52197	OTHR-IDL
595874	4172243	5.1536	OTHR-IDL
595894	4172243	4.82393	OTHR-IDL
595054	4172263	3.27746	OTHR-IDL
595074	4172263	3.46302	OTHR-IDL
595094	4172263	3.67344	OTHR-IDL
595114	4172263	3.90346	OTHR-IDL
595134	4172263	4.18618	OTHR-IDL
595154	4172263	4.49284	OTHR-IDL
595594	4172263	11.89845	OTHR-IDL
595614	4172263	11.67232	OTHR-IDL
595634	4172263	11.34915	OTHR-IDL
595654	4172263	10.85842	OTHR-IDL
595674	4172263	10.28904	OTHR-IDL
595694	4172263	9.68263	OTHR-IDL
595714	4172263	9.06781	OTHR-IDL
595734	4172263	8.46423	OTHR-IDL
595754	4172263	7.88424	OTHR-IDL
595774	4172263	7.33544	OTHR-IDL
595794	4172263	6.8229	OTHR-IDL
595814	4172263	6.34834	OTHR-IDL
595834	4172263	5.9124	OTHR-IDL
595854	4172263	5.51456	OTHR-IDL
595874	4172263	5.15381	OTHR-IDL
595894	4172263	4.8272	OTHR-IDL
595054	4172283	3.36419	OTHR-IDL
595074	4172283	3.56141	OTHR-IDL
595094	4172283	3.78017	OTHR-IDL
595114	4172283	4.03999	OTHR-IDL
595134	4172283	4.35204	OTHR-IDL
595154	4172283	4.70216	OTHR-IDL
595174	4172283	5.11458	OTHR-IDL
595574	4172283	13.065	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172283	12.59228	OTHR-IDL
595614	4172283	11.9988	OTHR-IDL
595634	4172283	11.36793	OTHR-IDL
595654	4172283	10.72113	OTHR-IDL
595674	4172283	10.07334	OTHR-IDL
595694	4172283	9.44115	OTHR-IDL
595714	4172283	8.83336	OTHR-IDL
595734	4172283	8.25527	OTHR-IDL
595754	4172283	7.70981	OTHR-IDL
595774	4172283	7.19827	OTHR-IDL
595794	4172283	6.72167	OTHR-IDL
595814	4172283	6.27841	OTHR-IDL
595834	4172283	5.86764	OTHR-IDL
595854	4172283	5.48842	OTHR-IDL
595874	4172283	5.14029	OTHR-IDL
595894	4172283	4.82141	OTHR-IDL
595034	4172303	3.24867	OTHR-IDL
595054	4172303	3.42369	OTHR-IDL
595074	4172303	3.62668	OTHR-IDL
595094	4172303	3.84917	OTHR-IDL
595114	4172303	4.13757	OTHR-IDL
595134	4172303	4.46278	OTHR-IDL
595154	4172303	4.85095	OTHR-IDL
595174	4172303	5.31588	OTHR-IDL
595574	4172303	14.59534	OTHR-IDL
595594	4172303	13.4482	OTHR-IDL
595614	4172303	12.40148	OTHR-IDL
595634	4172303	11.48615	OTHR-IDL
595654	4172303	10.66768	OTHR-IDL
595674	4172303	9.92605	OTHR-IDL
595694	4172303	9.25035	OTHR-IDL
595714	4172303	8.63225	OTHR-IDL
595734	4172303	8.0623	OTHR-IDL
595754	4172303	7.53656	OTHR-IDL
595774	4172303	7.0511	OTHR-IDL
595794	4172303	6.60179	OTHR-IDL
595814	4172303	6.18521	OTHR-IDL
595834	4172303	5.79859	OTHR-IDL
595854	4172303	5.43975	OTHR-IDL
595874	4172303	5.10757	OTHR-IDL
595034	4172323	3.26575	OTHR-IDL
595054	4172323	3.43889	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595074	4172323	3.63611	OTHR-IDL
595094	4172323	3.86173	OTHR-IDL
595114	4172323	4.14581	OTHR-IDL
595134	4172323	4.48815	OTHR-IDL
595154	4172323	4.89562	OTHR-IDL
595174	4172323	5.39183	OTHR-IDL
595574	4172323	16.16133	OTHR-IDL
595594	4172323	14.27577	OTHR-IDL
595614	4172323	12.74242	OTHR-IDL
595634	4172323	11.57772	OTHR-IDL
595654	4172323	10.61163	OTHR-IDL
595674	4172323	9.78717	OTHR-IDL
595694	4172323	9.07213	OTHR-IDL
595714	4172323	8.44007	OTHR-IDL
595734	4172323	7.87371	OTHR-IDL
595754	4172323	7.36209	OTHR-IDL
595774	4172323	6.89598	OTHR-IDL
595794	4172323	6.46816	OTHR-IDL
595814	4172323	6.07366	OTHR-IDL
595834	4172323	5.70855	OTHR-IDL
595854	4172323	5.36948	OTHR-IDL
595874	4172323	5.05449	OTHR-IDL
595034	4172343	3.24323	OTHR-IDL
595054	4172343	3.40288	OTHR-IDL
595074	4172343	3.59046	OTHR-IDL
595094	4172343	3.81105	OTHR-IDL
595114	4172343	4.07082	OTHR-IDL
595134	4172343	4.39296	OTHR-IDL
595154	4172343	4.79184	OTHR-IDL
595574	4172343	17.31916	OTHR-IDL
595594	4172343	14.82688	OTHR-IDL
595614	4172343	12.90077	OTHR-IDL
595634	4172343	11.53519	OTHR-IDL
595654	4172343	10.46803	OTHR-IDL
595674	4172343	9.60022	OTHR-IDL
595694	4172343	8.87084	OTHR-IDL
595714	4172343	8.23778	OTHR-IDL
595734	4172343	7.6795	OTHR-IDL
595754	4172343	7.18195	OTHR-IDL
595774	4172343	6.73291	OTHR-IDL
595794	4172343	6.3238	OTHR-IDL
595814	4172343	5.94845	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172343	5.60213	OTHR-IDL
595854	4172343	5.28132	OTHR-IDL
595874	4172343	4.98282	OTHR-IDL
595554	4172363	22.01501	OTHR-IDL
595574	4172363	17.71573	OTHR-IDL
595594	4172363	14.83096	OTHR-IDL
595614	4172363	12.81111	OTHR-IDL
595634	4172363	11.36536	OTHR-IDL
595654	4172363	10.25627	OTHR-IDL
595674	4172363	9.3649	OTHR-IDL
595694	4172363	8.62995	OTHR-IDL
595714	4172363	8.00627	OTHR-IDL
595734	4172363	7.46516	OTHR-IDL
595754	4172363	6.98898	OTHR-IDL
595774	4172363	6.56044	OTHR-IDL
595794	4172363	6.17076	OTHR-IDL
595814	4172363	5.8132	OTHR-IDL
595834	4172363	5.48398	OTHR-IDL
595854	4172363	5.17947	OTHR-IDL
595874	4172363	4.89639	OTHR-IDL
595554	4172383	21.37456	OTHR-IDL
595574	4172383	17.12499	OTHR-IDL
595594	4172383	14.31997	OTHR-IDL
595614	4172383	12.39392	OTHR-IDL
595634	4172383	10.99255	OTHR-IDL
595654	4172383	9.92287	OTHR-IDL
595674	4172383	9.07222	OTHR-IDL
595694	4172383	8.36809	OTHR-IDL
595714	4172383	7.77002	OTHR-IDL
595734	4172383	7.25077	OTHR-IDL
595754	4172383	6.78959	OTHR-IDL
595774	4172383	6.37828	OTHR-IDL
595794	4172383	6.00768	OTHR-IDL
595814	4172383	5.66886	OTHR-IDL
595834	4172383	5.35743	OTHR-IDL
595854	4172383	5.06827	OTHR-IDL
595554	4172403	19.33479	OTHR-IDL
595574	4172403	15.74156	OTHR-IDL
595594	4172403	13.42107	OTHR-IDL
595614	4172403	11.73131	OTHR-IDL
595634	4172403	10.47594	OTHR-IDL
595654	4172403	9.50372	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172403	8.72093	OTHR-IDL
595694	4172403	8.06866	OTHR-IDL
595714	4172403	7.51011	OTHR-IDL
595734	4172403	7.02219	OTHR-IDL
595754	4172403	6.58951	OTHR-IDL
595774	4172403	6.20076	OTHR-IDL
595794	4172403	5.84799	OTHR-IDL
595814	4172403	5.52358	OTHR-IDL
595834	4172403	5.22491	OTHR-IDL
595854	4172403	4.94928	OTHR-IDL
595074	4172423	3.3211	OTHR-IDL
595094	4172423	3.39153	OTHR-IDL
595554	4172423	17.14392	OTHR-IDL
595574	4172423	14.3001	OTHR-IDL
595594	4172423	12.42678	OTHR-IDL
595614	4172423	11.00462	OTHR-IDL
595634	4172423	9.9198	OTHR-IDL
595654	4172423	9.06143	OTHR-IDL
595674	4172423	8.35739	OTHR-IDL
595694	4172423	7.76264	OTHR-IDL
595714	4172423	7.24727	OTHR-IDL
595734	4172423	6.79279	OTHR-IDL
595754	4172423	6.38679	OTHR-IDL
595774	4172423	6.01993	OTHR-IDL
595794	4172423	5.68572	OTHR-IDL
595814	4172423	5.37881	OTHR-IDL
595834	4172423	5.09531	OTHR-IDL
595854	4172423	4.83291	OTHR-IDL
595074	4172443	3.4087	OTHR-IDL
595094	4172443	3.45543	OTHR-IDL
595114	4172443	3.50495	OTHR-IDL
595134	4172443	3.5655	OTHR-IDL
595534	4172443	18.33872	OTHR-IDL
595554	4172443	15.38193	OTHR-IDL
595574	4172443	13.20695	OTHR-IDL
595594	4172443	11.60967	OTHR-IDL
595614	4172443	10.38668	OTHR-IDL
595634	4172443	9.43399	OTHR-IDL
595654	4172443	8.66618	OTHR-IDL
595674	4172443	8.02681	OTHR-IDL
595694	4172443	7.48033	OTHR-IDL
595714	4172443	7.00281	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172443	6.57789	OTHR-IDL
595754	4172443	6.19482	OTHR-IDL
595774	4172443	5.84724	OTHR-IDL
595794	4172443	5.52945	OTHR-IDL
595814	4172443	5.23675	OTHR-IDL
595834	4172443	4.9659	OTHR-IDL
595854	4172443	4.71457	OTHR-IDL
595054	4172463	3.5605	OTHR-IDL
595074	4172463	3.59697	OTHR-IDL
595094	4172463	3.62804	OTHR-IDL
595114	4172463	3.65713	OTHR-IDL
595534	4172463	16.06187	OTHR-IDL
595554	4172463	13.94228	OTHR-IDL
595574	4172463	12.31824	OTHR-IDL
595594	4172463	11.03545	OTHR-IDL
595614	4172463	9.95019	OTHR-IDL
595634	4172463	9.07852	OTHR-IDL
595654	4172463	8.36475	OTHR-IDL
595674	4172463	7.764	OTHR-IDL
595694	4172463	7.24737	OTHR-IDL
595714	4172463	6.79329	OTHR-IDL
595734	4172463	6.3881	OTHR-IDL
595754	4172463	6.02207	OTHR-IDL
595774	4172463	5.68907	OTHR-IDL
595794	4172463	5.38423	OTHR-IDL
595814	4172463	5.1027	OTHR-IDL
595834	4172463	4.84259	OTHR-IDL
595054	4172483	3.81769	OTHR-IDL
595074	4172483	3.88551	OTHR-IDL
595094	4172483	3.91663	OTHR-IDL
595114	4172483	3.93689	OTHR-IDL
595534	4172483	14.29335	OTHR-IDL
595554	4172483	12.84082	OTHR-IDL
595574	4172483	11.68347	OTHR-IDL
595594	4172483	10.59513	OTHR-IDL
595614	4172483	9.62675	OTHR-IDL
595634	4172483	8.83199	OTHR-IDL
595654	4172483	8.15734	OTHR-IDL
595674	4172483	7.57641	OTHR-IDL
595694	4172483	7.07225	OTHR-IDL
595714	4172483	6.62843	OTHR-IDL
595734	4172483	6.23231	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172483	5.87526	OTHR-IDL
595774	4172483	5.55073	OTHR-IDL
595794	4172483	5.25384	OTHR-IDL
595814	4172483	4.98018	OTHR-IDL
595834	4172483	4.72757	OTHR-IDL
595034	4172503	4.14967	OTHR-IDL
595054	4172503	4.21394	OTHR-IDL
595074	4172503	4.27647	OTHR-IDL
595094	4172503	4.32337	OTHR-IDL
595114	4172503	4.35781	OTHR-IDL
595534	4172503	12.93154	OTHR-IDL
595554	4172503	11.93214	OTHR-IDL
595574	4172503	11.10342	OTHR-IDL
595594	4172503	10.21274	OTHR-IDL
595614	4172503	9.38365	OTHR-IDL
595634	4172503	8.65614	OTHR-IDL
595654	4172503	8.0107	OTHR-IDL
595674	4172503	7.43125	OTHR-IDL
595694	4172503	6.94743	OTHR-IDL
595714	4172503	6.50555	OTHR-IDL
595734	4172503	6.11142	OTHR-IDL
595754	4172503	5.7557	OTHR-IDL
595774	4172503	5.43415	OTHR-IDL
595794	4172503	5.14112	OTHR-IDL
595814	4172503	4.87133	OTHR-IDL
595834	4172503	4.62323	OTHR-IDL
595034	4172523	4.57754	OTHR-IDL
595054	4172523	4.69814	OTHR-IDL
595074	4172523	4.80006	OTHR-IDL
595094	4172523	4.86731	OTHR-IDL
595514	4172523	12.38463	OTHR-IDL
595534	4172523	11.89486	OTHR-IDL
595554	4172523	11.27755	OTHR-IDL
595574	4172523	10.61466	OTHR-IDL
595594	4172523	9.75495	OTHR-IDL
595614	4172523	9.13577	OTHR-IDL
595634	4172523	8.51009	OTHR-IDL
595654	4172523	7.881	OTHR-IDL
595674	4172523	7.34708	OTHR-IDL
595694	4172523	6.84817	OTHR-IDL
595714	4172523	6.40881	OTHR-IDL
595734	4172523	6.01516	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172523	5.66023	OTHR-IDL
595774	4172523	5.3379	OTHR-IDL
595794	4172523	5.04511	OTHR-IDL
595814	4172523	4.77628	OTHR-IDL
595834	4172523	4.53003	OTHR-IDL
595034	4172543	5.06254	OTHR-IDL
595054	4172543	5.25409	OTHR-IDL
595074	4172543	5.42287	OTHR-IDL
595094	4172543	5.57296	OTHR-IDL
595514	4172543	11.70062	OTHR-IDL
595534	4172543	11.2287	OTHR-IDL
595554	4172543	10.74659	OTHR-IDL
595574	4172543	10.0533	OTHR-IDL
595594	4172543	9.40197	OTHR-IDL
595614	4172543	8.8135	OTHR-IDL
595634	4172543	8.30599	OTHR-IDL
595654	4172543	7.77396	OTHR-IDL
595674	4172543	7.19458	OTHR-IDL
595694	4172543	6.74421	OTHR-IDL
595714	4172543	6.33902	OTHR-IDL
595734	4172543	5.9365	OTHR-IDL
595754	4172543	5.58035	OTHR-IDL
595774	4172543	5.25303	OTHR-IDL
595794	4172543	4.96266	OTHR-IDL
595814	4172543	4.69344	OTHR-IDL
595014	4172563	5.30946	OTHR-IDL
595034	4172563	5.58615	OTHR-IDL
595054	4172563	5.86623	OTHR-IDL
595074	4172563	6.13762	OTHR-IDL
595094	4172563	6.40442	OTHR-IDL
595514	4172563	11.40798	OTHR-IDL
595534	4172563	10.89234	OTHR-IDL
595554	4172563	10.41465	OTHR-IDL
595574	4172563	9.67581	OTHR-IDL
595594	4172563	9.10004	OTHR-IDL
595614	4172563	8.57667	OTHR-IDL
595634	4172563	8.13857	OTHR-IDL
595654	4172563	7.58905	OTHR-IDL
595674	4172563	7.07404	OTHR-IDL
595694	4172563	6.62502	OTHR-IDL
595714	4172563	6.20921	OTHR-IDL
595734	4172563	5.8429	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172563	5.50569	OTHR-IDL
595774	4172563	5.18021	OTHR-IDL
595794	4172563	4.88952	OTHR-IDL
595814	4172563	4.61923	OTHR-IDL
595014	4172583	5.75015	OTHR-IDL
595034	4172583	6.11124	OTHR-IDL
595054	4172583	6.50477	OTHR-IDL
595074	4172583	6.91183	OTHR-IDL
595494	4172583	11.78131	OTHR-IDL
595514	4172583	11.26987	OTHR-IDL
595534	4172583	10.69569	OTHR-IDL
595554	4172583	10.05356	OTHR-IDL
595574	4172583	9.4098	OTHR-IDL
595594	4172583	8.86683	OTHR-IDL
595614	4172583	8.407	OTHR-IDL
595634	4172583	7.94218	OTHR-IDL
595654	4172583	7.39028	OTHR-IDL
595674	4172583	6.93476	OTHR-IDL
595694	4172583	6.50824	OTHR-IDL
595714	4172583	6.10988	OTHR-IDL
595734	4172583	5.76401	OTHR-IDL
595754	4172583	5.42778	OTHR-IDL
595774	4172583	5.11068	OTHR-IDL
595794	4172583	4.8176	OTHR-IDL
595814	4172583	4.54877	OTHR-IDL
595034	4172603	6.62669	OTHR-IDL
595054	4172603	7.12706	OTHR-IDL
595074	4172603	7.69067	OTHR-IDL
595494	4172603	11.9341	OTHR-IDL
595514	4172603	11.21181	OTHR-IDL
595534	4172603	10.58124	OTHR-IDL
595554	4172603	9.87491	OTHR-IDL
595574	4172603	9.20078	OTHR-IDL
595594	4172603	8.66356	OTHR-IDL
595614	4172603	8.24833	OTHR-IDL
595634	4172603	7.73594	OTHR-IDL
595654	4172603	7.21022	OTHR-IDL
595674	4172603	6.77596	OTHR-IDL
595694	4172603	6.36981	OTHR-IDL
595714	4172603	5.98978	OTHR-IDL
595734	4172603	5.67181	OTHR-IDL
595754	4172603	5.33363	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172603	5.02762	OTHR-IDL
595794	4172603	4.74045	OTHR-IDL
595474	4172623	13.08974	OTHR-IDL
595494	4172623	12.12028	OTHR-IDL
595514	4172623	11.2448	OTHR-IDL
595534	4172623	10.49307	OTHR-IDL
595554	4172623	9.79589	OTHR-IDL
595574	4172623	9.16297	OTHR-IDL
595594	4172623	8.55269	OTHR-IDL
595614	4172623	8.0321	OTHR-IDL
595634	4172623	7.53814	OTHR-IDL
595654	4172623	7.07812	OTHR-IDL
595674	4172623	6.63064	OTHR-IDL
595694	4172623	6.2134	OTHR-IDL
595714	4172623	5.86071	OTHR-IDL
595734	4172623	5.54512	OTHR-IDL
595754	4172623	5.22804	OTHR-IDL
595774	4172623	4.93077	OTHR-IDL
595794	4172623	4.6536	OTHR-IDL
595814	4172623	4.39645	OTHR-IDL
595474	4172643	13.40882	OTHR-IDL
595494	4172643	12.19696	OTHR-IDL
595514	4172643	11.23811	OTHR-IDL
595534	4172643	10.3801	OTHR-IDL
595554	4172643	9.62794	OTHR-IDL
595574	4172643	8.95288	OTHR-IDL
595594	4172643	8.35428	OTHR-IDL
595614	4172643	7.81745	OTHR-IDL
595634	4172643	7.26017	OTHR-IDL
595654	4172643	6.85708	OTHR-IDL
595674	4172643	6.46318	OTHR-IDL
595694	4172643	6.08304	OTHR-IDL
595714	4172643	5.73156	OTHR-IDL
595734	4172643	5.40406	OTHR-IDL
595754	4172643	5.10244	OTHR-IDL
595774	4172643	4.8187	OTHR-IDL
595794	4172643	4.5539	OTHR-IDL
595814	4172643	4.30697	OTHR-IDL
595474	4172663	13.55267	OTHR-IDL
595494	4172663	12.20529	OTHR-IDL
595514	4172663	11.14025	OTHR-IDL
595534	4172663	10.22188	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172663	9.43163	OTHR-IDL
595574	4172663	8.73809	OTHR-IDL
595594	4172663	8.13184	OTHR-IDL
595614	4172663	7.53702	OTHR-IDL
595634	4172663	7.03107	OTHR-IDL
595654	4172663	6.60857	OTHR-IDL
595674	4172663	6.21081	OTHR-IDL
595694	4172663	5.88292	OTHR-IDL
595714	4172663	5.55653	OTHR-IDL
595734	4172663	5.24831	OTHR-IDL
595754	4172663	4.96157	OTHR-IDL
595774	4172663	4.69225	OTHR-IDL
595794	4172663	4.44102	OTHR-IDL
595814	4172663	4.20614	OTHR-IDL
595454	4172683	15.23604	OTHR-IDL
595474	4172683	13.46875	OTHR-IDL
595494	4172683	12.07487	OTHR-IDL
595514	4172683	10.94777	OTHR-IDL
595534	4172683	9.9994	OTHR-IDL
595554	4172683	9.19255	OTHR-IDL
595574	4172683	8.49453	OTHR-IDL
595594	4172683	7.89082	OTHR-IDL
595614	4172683	7.27243	OTHR-IDL
595634	4172683	6.8086	OTHR-IDL
595654	4172683	6.39123	OTHR-IDL
595674	4172683	6.00583	OTHR-IDL
595694	4172683	5.6993	OTHR-IDL
595714	4172683	5.37819	OTHR-IDL
595734	4172683	5.08296	OTHR-IDL
595754	4172683	4.8081	OTHR-IDL
595774	4172683	4.54945	OTHR-IDL
595794	4172683	4.31403	OTHR-IDL
595814	4172683	4.0926	OTHR-IDL
595474	4172703	13.1815	OTHR-IDL
595494	4172703	11.76611	OTHR-IDL
595514	4172703	10.63701	OTHR-IDL
595534	4172703	9.70766	OTHR-IDL
595554	4172703	8.90873	OTHR-IDL
595574	4172703	8.21652	OTHR-IDL
595594	4172703	7.58802	OTHR-IDL
595614	4172703	7.01768	OTHR-IDL
595634	4172703	6.56798	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172703	6.15863	OTHR-IDL
595674	4172703	5.79793	OTHR-IDL
595694	4172703	5.49662	OTHR-IDL
595714	4172703	5.18627	OTHR-IDL
595734	4172703	4.90786	OTHR-IDL
595754	4172703	4.64634	OTHR-IDL
595774	4172703	4.40378	OTHR-IDL
595794	4172703	4.17871	OTHR-IDL
595814	4172703	3.96919	OTHR-IDL
595834	4172703	3.77442	OTHR-IDL
595294	4172723	108.4503	OTHR-IDL
595314	4172723	71.07329	OTHR-IDL
595514	4172723	10.29417	OTHR-IDL
595534	4172723	9.3514	OTHR-IDL
595554	4172723	8.56525	OTHR-IDL
595574	4172723	7.90615	OTHR-IDL
595594	4172723	7.32729	OTHR-IDL
595614	4172723	6.77895	OTHR-IDL
595634	4172723	6.31645	OTHR-IDL
595654	4172723	5.92199	OTHR-IDL
595674	4172723	5.59526	OTHR-IDL
595694	4172723	5.28572	OTHR-IDL
595714	4172723	4.99461	OTHR-IDL
595734	4172723	4.72654	OTHR-IDL
595754	4172723	4.47649	OTHR-IDL
595774	4172723	4.24764	OTHR-IDL
595794	4172723	4.02387	OTHR-IDL
595814	4172723	3.83	OTHR-IDL
595834	4172723	3.64957	OTHR-IDL
595294	4172743	59.09865	OTHR-IDL
595314	4172743	51.38665	OTHR-IDL
595334	4172743	41.78196	OTHR-IDL
595354	4172743	33.76927	OTHR-IDL
595374	4172743	27.32596	OTHR-IDL
595534	4172743	8.99623	OTHR-IDL
595554	4172743	8.23151	OTHR-IDL
595574	4172743	7.57303	OTHR-IDL
595594	4172743	7.01494	OTHR-IDL
595614	4172743	6.53068	OTHR-IDL
595634	4172743	6.10433	OTHR-IDL
595654	4172743	5.70344	OTHR-IDL
595674	4172743	5.38064	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172743	5.07032	OTHR-IDL
595714	4172743	4.79579	OTHR-IDL
595734	4172743	4.54196	OTHR-IDL
595754	4172743	4.30458	OTHR-IDL
595774	4172743	4.07862	OTHR-IDL
595794	4172743	3.88087	OTHR-IDL
595814	4172743	3.69882	OTHR-IDL
595834	4172743	3.52868	OTHR-IDL
595274	4172763	40.17586	OTHR-IDL
595294	4172763	46.09515	OTHR-IDL
595314	4172763	43.69367	OTHR-IDL
595334	4172763	37.82836	OTHR-IDL
595354	4172763	31.60872	OTHR-IDL
595374	4172763	26.03131	OTHR-IDL
595394	4172763	21.67143	OTHR-IDL
595414	4172763	18.24714	OTHR-IDL
595534	4172763	8.60633	OTHR-IDL
595554	4172763	7.87129	OTHR-IDL
595574	4172763	7.24755	OTHR-IDL
595594	4172763	6.70898	OTHR-IDL
595614	4172763	6.23608	OTHR-IDL
595634	4172763	5.82322	OTHR-IDL
595654	4172763	5.46432	OTHR-IDL
595674	4172763	5.14391	OTHR-IDL
595694	4172763	4.85246	OTHR-IDL
595714	4172763	4.59366	OTHR-IDL
595734	4172763	4.35418	OTHR-IDL
595754	4172763	4.13087	OTHR-IDL
595774	4172763	3.9235	OTHR-IDL
595794	4172763	3.7371	OTHR-IDL
595814	4172763	3.56537	OTHR-IDL
594934	4172783	4.27408	OTHR-IDL
594954	4172783	4.72047	OTHR-IDL
594974	4172783	5.26819	OTHR-IDL
595274	4172783	53.07205	OTHR-IDL
595294	4172783	50.40264	OTHR-IDL
595314	4172783	43.52317	OTHR-IDL
595334	4172783	36.36277	OTHR-IDL
595354	4172783	30.0168	OTHR-IDL
595374	4172783	24.83182	OTHR-IDL
595394	4172783	20.72401	OTHR-IDL
595414	4172783	17.49111	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595434	4172783	14.95305	OTHR-IDL
595454	4172783	12.95545	OTHR-IDL
595514	4172783	9.06248	OTHR-IDL
595534	4172783	8.216	OTHR-IDL
595554	4172783	7.50902	OTHR-IDL
595574	4172783	6.91288	OTHR-IDL
595594	4172783	6.39792	OTHR-IDL
595614	4172783	5.95325	OTHR-IDL
595634	4172783	5.56203	OTHR-IDL
595654	4172783	5.21687	OTHR-IDL
595674	4172783	4.90678	OTHR-IDL
595694	4172783	4.63212	OTHR-IDL
595714	4172783	4.3944	OTHR-IDL
595734	4172783	4.17125	OTHR-IDL
595754	4172783	3.96552	OTHR-IDL
595774	4172783	3.77687	OTHR-IDL
595794	4172783	3.60199	OTHR-IDL
595814	4172783	3.43573	OTHR-IDL
594894	4172803	3.24905	OTHR-IDL
594914	4172803	3.56031	OTHR-IDL
594934	4172803	3.9308	OTHR-IDL
594954	4172803	4.36127	OTHR-IDL
594974	4172803	4.88343	OTHR-IDL
595274	4172803	89.2279	OTHR-IDL
595294	4172803	60.45506	OTHR-IDL
595314	4172803	44.87437	OTHR-IDL
595334	4172803	35.01077	OTHR-IDL
595354	4172803	28.30518	OTHR-IDL
595374	4172803	23.3042	OTHR-IDL
595394	4172803	19.48678	OTHR-IDL
595414	4172803	16.51992	OTHR-IDL
595434	4172803	14.17286	OTHR-IDL
595454	4172803	12.30803	OTHR-IDL
595474	4172803	10.82173	OTHR-IDL
595494	4172803	9.62067	OTHR-IDL
595514	4172803	8.63961	OTHR-IDL
595534	4172803	7.82909	OTHR-IDL
595554	4172803	7.15246	OTHR-IDL
595574	4172803	6.58363	OTHR-IDL
595594	4172803	6.0929	OTHR-IDL
595614	4172803	5.67156	OTHR-IDL
595634	4172803	5.30245	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172803	4.97644	OTHR-IDL
595674	4172803	4.68652	OTHR-IDL
595694	4172803	4.42277	OTHR-IDL
595714	4172803	4.18629	OTHR-IDL
595734	4172803	3.97911	OTHR-IDL
595754	4172803	3.78779	OTHR-IDL
595774	4172803	3.61164	OTHR-IDL
595794	4172803	3.44751	OTHR-IDL
595814	4172803	3.29513	OTHR-IDL
594874	4172823	2.68636	OTHR-IDL
594894	4172823	2.9244	OTHR-IDL
594914	4172823	3.2001	OTHR-IDL
594934	4172823	3.5222	OTHR-IDL
594954	4172823	3.90047	OTHR-IDL
595254	4172823	219.69607	OTHR-IDL
595274	4172823	103.87027	OTHR-IDL
595294	4172823	61.98845	OTHR-IDL
595314	4172823	42.79869	OTHR-IDL
595334	4172823	32.32788	OTHR-IDL
595354	4172823	25.76896	OTHR-IDL
595374	4172823	21.23327	OTHR-IDL
595394	4172823	17.86362	OTHR-IDL
595414	4172823	15.25873	OTHR-IDL
595434	4172823	13.2024	OTHR-IDL
595454	4172823	11.5455	OTHR-IDL
595474	4172823	10.19642	OTHR-IDL
595494	4172823	9.09733	OTHR-IDL
595514	4172823	8.18984	OTHR-IDL
595534	4172823	7.43592	OTHR-IDL
595554	4172823	6.80208	OTHR-IDL
595574	4172823	6.26354	OTHR-IDL
595594	4172823	5.8002	OTHR-IDL
595614	4172823	5.40075	OTHR-IDL
595634	4172823	5.05078	OTHR-IDL
595654	4172823	4.74347	OTHR-IDL
595674	4172823	4.47044	OTHR-IDL
595694	4172823	4.21437	OTHR-IDL
595714	4172823	3.99272	OTHR-IDL
595734	4172823	3.79873	OTHR-IDL
595754	4172823	3.61886	OTHR-IDL
595774	4172823	3.45351	OTHR-IDL
595794	4172823	3.30057	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172823	3.15751	OTHR-IDL
594874	4172843	2.39758	OTHR-IDL
594894	4172843	2.59022	OTHR-IDL
594914	4172843	2.82177	OTHR-IDL
594934	4172843	3.08975	OTHR-IDL
594954	4172843	3.40008	OTHR-IDL
595254	4172843	155.31057	OTHR-IDL
595274	4172843	84.89096	OTHR-IDL
595294	4172843	52.95159	OTHR-IDL
595314	4172843	36.97981	OTHR-IDL
595334	4172843	28.10818	OTHR-IDL
595354	4172843	22.57067	OTHR-IDL
595374	4172843	18.77214	OTHR-IDL
595394	4172843	15.97144	OTHR-IDL
595414	4172843	13.81194	OTHR-IDL
595434	4172843	12.08238	OTHR-IDL
595454	4172843	10.67384	OTHR-IDL
595474	4172843	9.50092	OTHR-IDL
595494	4172843	8.53292	OTHR-IDL
595514	4172843	7.71976	OTHR-IDL
595534	4172843	7.02975	OTHR-IDL
595554	4172843	6.44587	OTHR-IDL
595574	4172843	5.94847	OTHR-IDL
595594	4172843	5.51652	OTHR-IDL
595614	4172843	5.13806	OTHR-IDL
595634	4172843	4.81023	OTHR-IDL
595654	4172843	4.52027	OTHR-IDL
595674	4172843	4.26231	OTHR-IDL
595694	4172843	4.00919	OTHR-IDL
595714	4172843	3.81601	OTHR-IDL
595734	4172843	3.63095	OTHR-IDL
595754	4172843	3.4622	OTHR-IDL
595774	4172843	3.30724	OTHR-IDL
595794	4172843	3.16413	OTHR-IDL
595814	4172843	3.03073	OTHR-IDL
594854	4172863	1.98493	OTHR-IDL
594874	4172863	2.12995	OTHR-IDL
594894	4172863	2.28651	OTHR-IDL
594914	4172863	2.47007	OTHR-IDL
594934	4172863	2.6885	OTHR-IDL
595234	4172863	63.05834	OTHR-IDL
595254	4172863	85.3724	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595274	4172863	57.52268	OTHR-IDL
595294	4172863	40.60995	OTHR-IDL
595314	4172863	30.12367	OTHR-IDL
595334	4172863	23.599	OTHR-IDL
595354	4172863	19.30855	OTHR-IDL
595374	4172863	16.31533	OTHR-IDL
595394	4172863	14.05876	OTHR-IDL
595414	4172863	12.31723	OTHR-IDL
595434	4172863	10.91071	OTHR-IDL
595454	4172863	9.75355	OTHR-IDL
595474	4172863	8.77128	OTHR-IDL
595494	4172863	7.9399	OTHR-IDL
595514	4172863	7.22834	OTHR-IDL
595534	4172863	6.61486	OTHR-IDL
595554	4172863	6.09011	OTHR-IDL
595574	4172863	5.63971	OTHR-IDL
595594	4172863	5.24249	OTHR-IDL
595614	4172863	4.89466	OTHR-IDL
595634	4172863	4.5807	OTHR-IDL
595654	4172863	4.30762	OTHR-IDL
595674	4172863	4.06062	OTHR-IDL
595694	4172863	3.83546	OTHR-IDL
595714	4172863	3.64569	OTHR-IDL
595734	4172863	3.47146	OTHR-IDL
595754	4172863	3.31275	OTHR-IDL
595774	4172863	3.16718	OTHR-IDL
595794	4172863	3.0328	OTHR-IDL
594854	4172883	1.77783	OTHR-IDL
594874	4172883	1.89608	OTHR-IDL
594894	4172883	2.02821	OTHR-IDL
594914	4172883	2.17888	OTHR-IDL
595234	4172883	42.22873	OTHR-IDL
595254	4172883	44.53033	OTHR-IDL
595274	4172883	37.44397	OTHR-IDL
595294	4172883	29.99113	OTHR-IDL
595314	4172883	23.94597	OTHR-IDL
595334	4172883	19.65148	OTHR-IDL
595354	4172883	16.51627	OTHR-IDL
595374	4172883	14.17715	OTHR-IDL
595394	4172883	12.36454	OTHR-IDL
595414	4172883	10.95011	OTHR-IDL
595434	4172883	9.81256	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595454	4172883	8.84821	OTHR-IDL
595474	4172883	8.03646	OTHR-IDL
595494	4172883	7.33631	OTHR-IDL
595514	4172883	6.73382	OTHR-IDL
595534	4172883	6.20301	OTHR-IDL
595554	4172883	5.741	OTHR-IDL
595574	4172883	5.33538	OTHR-IDL
595594	4172883	4.97176	OTHR-IDL
595614	4172883	4.65046	OTHR-IDL
595634	4172883	4.36535	OTHR-IDL
595654	4172883	4.11199	OTHR-IDL
595674	4172883	3.86121	OTHR-IDL
595694	4172883	3.66754	OTHR-IDL
595714	4172883	3.48611	OTHR-IDL
595734	4172883	3.32178	OTHR-IDL
595754	4172883	3.17215	OTHR-IDL
595774	4172883	3.03508	OTHR-IDL
595794	4172883	2.90847	OTHR-IDL
594854	4172903	1.61194	OTHR-IDL
594874	4172903	1.71303	OTHR-IDL
594894	4172903	1.82512	OTHR-IDL
594914	4172903	1.95227	OTHR-IDL
595234	4172903	22.81384	OTHR-IDL
595254	4172903	26.02559	OTHR-IDL
595274	4172903	25.14364	OTHR-IDL
595294	4172903	22.28349	OTHR-IDL
595314	4172903	19.10015	OTHR-IDL
595334	4172903	16.39853	OTHR-IDL
595354	4172903	14.14189	OTHR-IDL
595374	4172903	12.37226	OTHR-IDL
595394	4172903	10.96225	OTHR-IDL
595414	4172903	9.80194	OTHR-IDL
595434	4172903	8.84229	OTHR-IDL
595454	4172903	8.0361	OTHR-IDL
595474	4172903	7.35113	OTHR-IDL
595494	4172903	6.76294	OTHR-IDL
595514	4172903	6.24674	OTHR-IDL
595534	4172903	5.79246	OTHR-IDL
595554	4172903	5.39377	OTHR-IDL
595574	4172903	5.03555	OTHR-IDL
595594	4172903	4.7089	OTHR-IDL
595614	4172903	4.41722	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172903	4.15752	OTHR-IDL
595654	4172903	3.92194	OTHR-IDL
595674	4172903	3.68841	OTHR-IDL
595694	4172903	3.50832	OTHR-IDL
595714	4172903	3.33744	OTHR-IDL
595734	4172903	3.18236	OTHR-IDL
595754	4172903	3.04099	OTHR-IDL
595774	4172903	2.9115	OTHR-IDL
595794	4172903	2.79206	OTHR-IDL
594854	4172923	1.48087	OTHR-IDL
594874	4172923	1.57079	OTHR-IDL
594894	4172923	1.66975	OTHR-IDL
594914	4172923	1.78208	OTHR-IDL
595254	4172923	17.15114	OTHR-IDL
595274	4172923	17.6303	OTHR-IDL
595294	4172923	16.75866	OTHR-IDL
595314	4172923	15.28234	OTHR-IDL
595334	4172923	13.71599	OTHR-IDL
595354	4172923	12.18626	OTHR-IDL
595374	4172923	10.86889	OTHR-IDL
595394	4172923	9.75086	OTHR-IDL
595414	4172923	8.81294	OTHR-IDL
595434	4172923	8.0209	OTHR-IDL
595454	4172923	7.33933	OTHR-IDL
595474	4172923	6.75402	OTHR-IDL
595494	4172923	6.24189	OTHR-IDL
595514	4172923	5.79755	OTHR-IDL
595534	4172923	5.40462	OTHR-IDL
595554	4172923	5.05999	OTHR-IDL
595574	4172923	4.74366	OTHR-IDL
595594	4172923	4.45624	OTHR-IDL
595614	4172923	4.19813	OTHR-IDL
595634	4172923	3.96058	OTHR-IDL
595654	4172923	3.72453	OTHR-IDL
595674	4172923	3.53511	OTHR-IDL
595694	4172923	3.35944	OTHR-IDL
595714	4172923	3.19911	OTHR-IDL
595734	4172923	3.05293	OTHR-IDL
595754	4172923	2.91929	OTHR-IDL
595774	4172923	2.79664	OTHR-IDL
595314	4172943	12.29531	OTHR-IDL
595334	4172943	11.43341	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595354	4172943	10.49694	OTHR-IDL
595374	4172943	9.57766	OTHR-IDL
595394	4172943	8.73897	OTHR-IDL
595414	4172943	7.97716	OTHR-IDL
595434	4172943	7.31241	OTHR-IDL
595454	4172943	6.73328	OTHR-IDL
595474	4172943	6.2304	OTHR-IDL
595494	4172943	5.79061	OTHR-IDL
595514	4172943	5.40167	OTHR-IDL
595534	4172943	5.05663	OTHR-IDL
595554	4172943	4.74951	OTHR-IDL
595574	4172943	4.46834	OTHR-IDL
595594	4172943	4.21625	OTHR-IDL
595614	4172943	3.98618	OTHR-IDL
595634	4172943	3.77166	OTHR-IDL
595654	4172943	3.54944	OTHR-IDL
595674	4172943	3.37811	OTHR-IDL
595694	4172943	3.2198	OTHR-IDL
595714	4172943	3.06991	OTHR-IDL
595734	4172943	2.93247	OTHR-IDL
595754	4172943	2.80623	OTHR-IDL
595774	4172943	2.69003	OTHR-IDL
595314	4172963	9.97871	OTHR-IDL
595334	4172963	9.58148	OTHR-IDL
595354	4172963	9.02785	OTHR-IDL
595374	4172963	8.42259	OTHR-IDL
595394	4172963	7.81329	OTHR-IDL
595414	4172963	7.22987	OTHR-IDL
595434	4172963	6.69424	OTHR-IDL
595454	4172963	6.2069	OTHR-IDL
595474	4172963	5.76758	OTHR-IDL
595494	4172963	5.3868	OTHR-IDL
595514	4172963	5.04559	OTHR-IDL
595534	4172963	4.74074	OTHR-IDL
595554	4172963	4.4668	OTHR-IDL
595574	4172963	4.21836	OTHR-IDL
595594	4172963	3.99241	OTHR-IDL
595614	4172963	3.78628	OTHR-IDL
595634	4172963	3.5808	OTHR-IDL
595654	4172963	3.39758	OTHR-IDL
595674	4172963	3.23611	OTHR-IDL
595694	4172963	3.08562	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172963	2.94622	OTHR-IDL
595734	4172963	2.81787	OTHR-IDL
595754	4172963	2.69934	OTHR-IDL
595314	4172983	8.23904	OTHR-IDL
595334	4172983	8.0701	OTHR-IDL
595354	4172983	7.76801	OTHR-IDL
595374	4172983	7.38894	OTHR-IDL
595394	4172983	6.97438	OTHR-IDL
595414	4172983	6.54461	OTHR-IDL
595434	4172983	6.12848	OTHR-IDL
595454	4172983	5.73324	OTHR-IDL
595474	4172983	5.36235	OTHR-IDL
595494	4172983	5.03193	OTHR-IDL
595514	4172983	4.72706	OTHR-IDL
595534	4172983	4.45627	OTHR-IDL
595554	4172983	4.21228	OTHR-IDL
595574	4172983	3.98637	OTHR-IDL
595594	4172983	3.7838	OTHR-IDL
595614	4172983	3.59934	OTHR-IDL
595634	4172983	3.39974	OTHR-IDL
595654	4172983	3.25215	OTHR-IDL
595674	4172983	3.10385	OTHR-IDL
595694	4172983	2.96554	OTHR-IDL
595714	4172983	2.83663	OTHR-IDL
595734	4172983	2.71663	OTHR-IDL
595754	4172983	2.60502	OTHR-IDL
595314	4173003	6.92843	OTHR-IDL
595334	4173003	6.8625	OTHR-IDL
595354	4173003	6.70958	OTHR-IDL
595374	4173003	6.48476	OTHR-IDL
595394	4173003	6.20837	OTHR-IDL
595414	4173003	5.90702	OTHR-IDL
595434	4173003	5.59528	OTHR-IDL
595454	4173003	5.28691	OTHR-IDL
595474	4173003	4.98534	OTHR-IDL
595494	4173003	4.70389	OTHR-IDL
595514	4173003	4.44139	OTHR-IDL
595534	4173003	4.20173	OTHR-IDL
595554	4173003	3.98252	OTHR-IDL
595574	4173003	3.77774	OTHR-IDL
595594	4173003	3.59445	OTHR-IDL
595614	4173003	3.41993	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4173003	3.25227	OTHR-IDL
595654	4173003	3.11121	OTHR-IDL
595674	4173003	2.97554	OTHR-IDL
595694	4173003	2.84842	OTHR-IDL
595714	4173003	2.72928	OTHR-IDL
595734	4173003	2.61769	OTHR-IDL
595294	4173023	5.77345	OTHR-IDL
595314	4173023	5.8879	OTHR-IDL
595334	4173023	5.90713	OTHR-IDL
595354	4173023	5.84089	OTHR-IDL
595374	4173023	5.71042	OTHR-IDL
595394	4173023	5.5341	OTHR-IDL
595414	4173023	5.32589	OTHR-IDL
595434	4173023	5.09409	OTHR-IDL
595454	4173023	4.85805	OTHR-IDL
595474	4173023	4.62203	OTHR-IDL
595494	4173023	4.39371	OTHR-IDL
595514	4173023	4.17226	OTHR-IDL
595534	4173023	3.96477	OTHR-IDL
595554	4173023	3.77012	OTHR-IDL
595574	4173023	3.58819	OTHR-IDL
595594	4173023	3.42269	OTHR-IDL
595614	4173023	3.24433	OTHR-IDL
595634	4173023	3.11268	OTHR-IDL
595654	4173023	2.97979	OTHR-IDL
595674	4173023	2.85519	OTHR-IDL
595694	4173023	2.73812	OTHR-IDL
595714	4173023	2.62796	OTHR-IDL
595294	4173043	4.96568	OTHR-IDL
595314	4173043	5.08968	OTHR-IDL
595334	4173043	5.14196	OTHR-IDL
595354	4173043	5.12524	OTHR-IDL
595374	4173043	5.05611	OTHR-IDL
595394	4173043	4.94567	OTHR-IDL
595414	4173043	4.80088	OTHR-IDL
595434	4173043	4.63561	OTHR-IDL
595454	4173043	4.45845	OTHR-IDL
595474	4173043	4.27532	OTHR-IDL
595494	4173043	4.0944	OTHR-IDL
595514	4173043	3.91214	OTHR-IDL
595534	4173043	3.73544	OTHR-IDL
595554	4173043	3.56826	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4173043	3.40993	OTHR-IDL
595594	4173043	3.25975	OTHR-IDL
595614	4173043	3.09983	OTHR-IDL
595634	4173043	2.97914	OTHR-IDL
595654	4173043	2.8571	OTHR-IDL
595674	4173043	2.74238	OTHR-IDL
595694	4173043	2.63431	OTHR-IDL
595294	4173063	4.32793	OTHR-IDL
595314	4173063	4.45302	OTHR-IDL
595334	4173063	4.51991	OTHR-IDL
595354	4173063	4.53344	OTHR-IDL
595374	4173063	4.50259	OTHR-IDL
595394	4173063	4.43248	OTHR-IDL
595414	4173063	4.33494	OTHR-IDL
595434	4173063	4.21834	OTHR-IDL
595454	4173063	4.09013	OTHR-IDL
595474	4173063	3.95171	OTHR-IDL
595494	4173063	3.8105	OTHR-IDL
595514	4173063	3.66334	OTHR-IDL
595534	4173063	3.51595	OTHR-IDL
595554	4173063	3.37494	OTHR-IDL
595574	4173063	3.23608	OTHR-IDL
595594	4173063	3.09435	OTHR-IDL
595614	4173063	2.96788	OTHR-IDL
595634	4173063	2.8532	OTHR-IDL
595654	4173063	2.74164	OTHR-IDL
595354	4173083	4.03902	OTHR-IDL
595374	4173083	4.02959	OTHR-IDL
595394	4173083	3.98963	OTHR-IDL
595414	4173083	3.92644	OTHR-IDL
595434	4173083	3.84577	OTHR-IDL
595454	4173083	3.75413	OTHR-IDL
595474	4173083	3.65157	OTHR-IDL
595494	4173083	3.54568	OTHR-IDL
595514	4173083	3.42892	OTHR-IDL
595534	4173083	3.30338	OTHR-IDL
595554	4173083	3.1876	OTHR-IDL
595574	4173083	3.06875	OTHR-IDL
595594	4173083	2.95474	OTHR-IDL
595614	4173083	2.81436	OTHR-IDL
595334	4173103	3.58074	OTHR-IDL
595354	4173103	3.62116	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595374	4173103	3.62758	OTHR-IDL
595394	4173103	3.60826	OTHR-IDL
595414	4173103	3.56942	OTHR-IDL
595434	4173103	3.51513	OTHR-IDL
595454	4173103	3.45142	OTHR-IDL
595474	4173103	3.37677	OTHR-IDL
595494	4173103	3.29431	OTHR-IDL
595514	4173103	3.1933	OTHR-IDL
595534	4173103	3.1004	OTHR-IDL
595334	4173123	3.22064	OTHR-IDL
595354	4173123	3.26559	OTHR-IDL
595374	4173123	3.28344	OTHR-IDL
595394	4173123	3.27924	OTHR-IDL
595414	4173123	3.25893	OTHR-IDL
595434	4173123	3.22446	OTHR-IDL
595454	4173123	3.18071	OTHR-IDL
595474	4173123	3.1276	OTHR-IDL
595494	4173123	3.06193	OTHR-IDL
595514	4173123	2.98035	OTHR-IDL
595354	4173143	2.9638	OTHR-IDL
595374	4173143	2.9896	OTHR-IDL
595394	4173143	2.99805	OTHR-IDL
595414	4173143	2.99821	OTHR-IDL
595434	4173143	2.97528	OTHR-IDL
595494	4173143	2.84175	OTHR-IDL
595354	4173163	2.70859	OTHR-IDL
595374	4173163	2.73759	OTHR-IDL
595394	4173163	2.75128	OTHR-IDL
595414	4173163	2.75667	OTHR-IDL
595434	4173163	2.74344	OTHR-IDL
595374	4173183	2.51754	OTHR-IDL
595394	4173183	2.53496	OTHR-IDL
595414	4173183	2.54119	OTHR-IDL
595434	4173183	2.53639	OTHR-IDL
595203.12	4172931.43	9.69328	OTHR-IDL
595305.29	4173022.49	5.87232	OTHR-IDL
596059.85	4172738.92	2.17818	OTHR-IDL
595782.4	4171913.24	5.1446	OTHR-IDL
595790.49	4171877.76	4.05108	OTHR-IDL
595826.59	4171700.37	1.4873	OTHR-IDL
595857.85	4171568.4	0.8971	OTHR-IDL
595427.66	4172811.08	14.45907	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595616.96	4172890.78	4.51607	OTHR-IDL
595465.61	4172972.42	5.73618	OTHR-IDL
595413.93	4172953.11	7.5935	OTHR-IDL
595207.62	4172857.58	57.67253	OTHR-IDL
595229.35	4172793.73	51.67349	OTHR-IDL
595251.41	4172717.21	62.55352	OTHR-IDL
595276.16	4172654.64	46.87104	OTHR-IDL
595286.24	4171790.65	1.73988	OTHR-IDL
595306.24	4171790.65	1.7298	OTHR-IDL
595326.24	4171790.65	1.71416	OTHR-IDL
595266.24	4171810.65	1.92515	OTHR-IDL
595286.24	4171810.65	1.92734	OTHR-IDL
595306.24	4171810.65	1.92767	OTHR-IDL
595326.24	4171810.65	1.91619	OTHR-IDL
595246.24	4171830.65	2.10844	OTHR-IDL
595266.24	4171830.65	2.12929	OTHR-IDL
595286.24	4171830.65	2.14466	OTHR-IDL
595306.24	4171830.65	2.15473	OTHR-IDL
595326.24	4171830.65	2.15379	OTHR-IDL
595226.24	4171850.65	2.27155	OTHR-IDL
595246.24	4171850.65	2.32107	OTHR-IDL
595266.24	4171850.65	2.36134	OTHR-IDL
595286.24	4171850.65	2.39399	OTHR-IDL
595306.24	4171850.65	2.41824	OTHR-IDL
595326.24	4171850.65	2.43215	OTHR-IDL
595206.24	4171870.65	2.39877	OTHR-IDL
595226.24	4171870.65	2.47372	OTHR-IDL
595246.24	4171870.65	2.54495	OTHR-IDL
595266.24	4171870.65	2.60978	OTHR-IDL
595286.24	4171870.65	2.6688	OTHR-IDL
595306.24	4171870.65	2.71841	OTHR-IDL
595186.24	4171890.65	2.47263	OTHR-IDL
595206.24	4171890.65	2.57064	OTHR-IDL
595226.24	4171890.65	2.67085	OTHR-IDL
595246.24	4171890.65	2.7725	OTHR-IDL
595266.24	4171890.65	2.87158	OTHR-IDL
595286.24	4171890.65	2.96671	OTHR-IDL
595306.24	4171890.65	3.05333	OTHR-IDL
595186.24	4171910.65	2.61173	OTHR-IDL
595206.24	4171910.65	2.73068	OTHR-IDL
595226.24	4171910.65	2.85886	OTHR-IDL
595246.24	4171910.65	2.9946	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595266.24	4171910.65	3.13458	OTHR-IDL
595286.24	4171910.65	3.27358	OTHR-IDL
595306.24	4171910.65	3.41223	OTHR-IDL
595166.24	4171930.65	2.61699	OTHR-IDL
595186.24	4171930.65	2.7418	OTHR-IDL
595206.24	4171930.65	2.88135	OTHR-IDL
595226.24	4171930.65	3.03283	OTHR-IDL
595246.24	4171930.65	3.20281	OTHR-IDL
595266.24	4171930.65	3.38287	OTHR-IDL
595286.24	4171930.65	3.57466	OTHR-IDL
595166.24	4171950.65	2.72728	OTHR-IDL
595186.24	4171950.65	2.86278	OTHR-IDL
595206.24	4171950.65	3.01697	OTHR-IDL
595226.24	4171950.65	3.18825	OTHR-IDL
595246.24	4171950.65	3.38761	OTHR-IDL
595266.24	4171950.65	3.60749	OTHR-IDL
595286.24	4171950.65	3.85283	OTHR-IDL
595146.24	4171970.65	2.69374	OTHR-IDL
595166.24	4171970.65	2.82112	OTHR-IDL
595186.24	4171970.65	2.96819	OTHR-IDL
595206.24	4171970.65	3.13513	OTHR-IDL
595226.24	4171970.65	3.32506	OTHR-IDL
595246.24	4171970.65	3.54981	OTHR-IDL
595266.24	4171970.65	3.8022	OTHR-IDL
595146.24	4171990.65	2.76445	OTHR-IDL
595166.24	4171990.65	2.89749	OTHR-IDL
595186.24	4171990.65	3.051	OTHR-IDL
595206.24	4171990.65	3.22654	OTHR-IDL
595852.66	4171825.33	2.9427	OTHR-IDL
595852.66	4171845.33	3.25553	OTHR-IDL
595852.66	4171865.33	3.58919	OTHR-IDL
595872.66	4171865.33	3.49914	OTHR-IDL
595892.66	4171865.33	3.39923	OTHR-IDL
595832.66	4171885.33	4.06336	OTHR-IDL
595852.66	4171885.33	3.93678	OTHR-IDL
595872.66	4171885.33	3.80052	OTHR-IDL
595892.66	4171885.33	3.66049	OTHR-IDL
595832.66	4171905.33	4.47645	OTHR-IDL
595852.66	4171905.33	4.28796	OTHR-IDL
595872.66	4171905.33	4.09927	OTHR-IDL
595892.66	4171905.33	3.91612	OTHR-IDL
595912.66	4171905.33	3.74113	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595832.66	4171925.33	4.89152	OTHR-IDL
595852.66	4171925.33	4.63432	OTHR-IDL
595872.66	4171925.33	4.39038	OTHR-IDL
595892.66	4171925.33	4.16137	OTHR-IDL
595912.66	4171925.33	3.94905	OTHR-IDL
595852.66	4171945.33	4.96143	OTHR-IDL
595872.66	4171945.33	4.66246	OTHR-IDL
595892.66	4171945.33	4.39128	OTHR-IDL
595912.66	4171945.33	4.14436	OTHR-IDL
595932.66	4171945.33	3.92008	OTHR-IDL
595102.43	4172101.44	2.65244	OTHR-IDL
595122.43	4172101.44	2.72354	OTHR-IDL
595142.43	4172101.44	2.79931	OTHR-IDL
595102.43	4172121.44	2.71822	OTHR-IDL
595122.43	4172121.44	2.78526	OTHR-IDL
595142.43	4172121.44	2.85647	OTHR-IDL
595082.43	4172141.44	2.74652	OTHR-IDL
595102.43	4172141.44	2.81905	OTHR-IDL
595122.43	4172141.44	2.89175	OTHR-IDL
595142.43	4172141.44	2.9642	OTHR-IDL
595082.43	4172161.44	2.86772	OTHR-IDL
595102.43	4172161.44	2.95758	OTHR-IDL
595122.43	4172161.44	3.04108	OTHR-IDL
595142.43	4172161.44	3.12411	OTHR-IDL
595082.43	4172181.44	3.00457	OTHR-IDL
595102.43	4172181.44	3.11552	OTHR-IDL
595122.43	4172181.44	3.22446	OTHR-IDL
595142.43	4172181.44	3.32993	OTHR-IDL
595062.43	4172201.44	3.01175	OTHR-IDL
595082.43	4172201.44	3.14562	OTHR-IDL
595102.43	4172201.44	3.2863	OTHR-IDL
595122.43	4172201.44	3.4274	OTHR-IDL
595142.43	4172201.44	3.56893	OTHR-IDL
595162.43	4172201.44	3.70577	OTHR-IDL
595062.43	4172221.44	3.12585	OTHR-IDL
595082.43	4172221.44	3.2833	OTHR-IDL
595102.43	4172221.44	3.45532	OTHR-IDL
595122.43	4172221.44	3.63305	OTHR-IDL
595142.43	4172221.44	3.81951	OTHR-IDL
595162.43	4172221.44	4.00796	OTHR-IDL
595062.43	4172241.44	3.23713	OTHR-IDL
595082.43	4172241.44	3.41548	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595102.43	4172241.44	3.61229	OTHR-IDL
595122.43	4172241.44	3.82887	OTHR-IDL
595142.43	4172241.44	4.06893	OTHR-IDL
595162.43	4172241.44	4.32539	OTHR-IDL
595062.43	4172261.44	3.34511	OTHR-IDL
595082.43	4172261.44	3.54167	OTHR-IDL
595102.43	4172261.44	3.75348	OTHR-IDL
595122.43	4172261.44	4.00341	OTHR-IDL
595142.43	4172261.44	4.29339	OTHR-IDL
595042.43	4172281.44	3.25706	OTHR-IDL
595062.43	4172281.44	3.43773	OTHR-IDL
595082.43	4172281.44	3.6467	OTHR-IDL
595102.43	4172281.44	3.87223	OTHR-IDL
595122.43	4172281.44	4.16076	OTHR-IDL
595142.43	4172281.44	4.48167	OTHR-IDL
595162.43	4172281.44	4.84898	OTHR-IDL
595042.43	4172301.44	3.31457	OTHR-IDL
595062.43	4172301.44	3.50213	OTHR-IDL
595082.43	4172301.44	3.71464	OTHR-IDL
595102.43	4172301.44	3.95913	OTHR-IDL
595122.43	4172301.44	4.26052	OTHR-IDL
595142.43	4172301.44	4.61207	OTHR-IDL
595162.43	4172301.44	5.02648	OTHR-IDL
595042.43	4172321.44	3.33538	OTHR-IDL
595062.43	4172321.44	3.5215	OTHR-IDL
595082.43	4172321.44	3.71863	OTHR-IDL
595102.43	4172321.44	3.97866	OTHR-IDL
595122.43	4172321.44	4.28359	OTHR-IDL
595142.43	4172321.44	4.65503	OTHR-IDL
595162.43	4172321.44	5.09233	OTHR-IDL
595022.43	4172341.44	3.16276	OTHR-IDL
595042.43	4172341.44	3.31158	OTHR-IDL
595062.43	4172341.44	3.48406	OTHR-IDL
595082.43	4172341.44	3.68405	OTHR-IDL
595102.43	4172341.44	3.9208	OTHR-IDL
595122.43	4172341.44	4.20575	OTHR-IDL
595142.43	4172341.44	4.56695	OTHR-IDL
595162.43	4172341.44	4.99915	OTHR-IDL
595509.2	4172311.1	19.68025	OTHR-IDL
595453.66	4172369.33	127.1712	OTHR-IDL
595568.33	4173021.18	3.65505	OTHR-IDL
595515	4172097	23.55593	OTHR-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595271.59	4172931.11	15.45669	OTHR-IDL
595259.54	4172956.67	10.40886	OTHR-IDL
595229.53	4172979.48	6.81385	OTHR-IDL
595158.78	4172948.61	5.46044	OTHR-IDL
595424.36	4172061.47	9.97229	OTHR-IDL
595637.78	4172033.56	32.42733	OTHR-IDL
595497.98	4172569.45	11.67317	OTHR-IDL
595440.32	4172695.89	16.60519	OTHR-IDL
595531.7	4172736.24	9.22071	OTHR-IDL
595503.43	4172797.49	9.26066	OTHR-IDL
595293.61	4172706.67	179.11961	OTHR-IDL
595216.89	4172907.31	16.29284	OTHR-IDL
595554	4171743	1.35022	LD-EXH
595574	4171743	1.36889	LD-EXH
595594	4171743	1.37744	LD-EXH
595614	4171743	1.40454	LD-EXH
595634	4171743	1.42987	LD-EXH
595654	4171743	1.46003	LD-EXH
595674	4171743	1.49799	LD-EXH
595694	4171743	1.54811	LD-EXH
595714	4171743	1.58765	LD-EXH
595534	4171763	1.47896	LD-EXH
595554	4171763	1.47373	LD-EXH
595574	4171763	1.49188	LD-EXH
595594	4171763	1.50499	LD-EXH
595614	4171763	1.53651	LD-EXH
595634	4171763	1.56963	LD-EXH
595654	4171763	1.60171	LD-EXH
595674	4171763	1.64608	LD-EXH
595694	4171763	1.69508	LD-EXH
595714	4171763	1.74984	LD-EXH
595734	4171763	1.81902	LD-EXH
595754	4171763	1.88136	LD-EXH
595774	4171763	1.94838	LD-EXH
595314	4171783	1.72493	LD-EXH
595334	4171783	1.71833	LD-EXH
595534	4171783	1.61681	LD-EXH
595554	4171783	1.62084	LD-EXH
595574	4171783	1.634	LD-EXH
595594	4171783	1.65007	LD-EXH
595614	4171783	1.6783	LD-EXH
595634	4171783	1.7284	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4171783	1.76953	LD-EXH
595674	4171783	1.82217	LD-EXH
595694	4171783	1.87078	LD-EXH
595714	4171783	1.94659	LD-EXH
595734	4171783	2.01503	LD-EXH
595754	4171783	2.08472	LD-EXH
595774	4171783	2.16413	LD-EXH
595794	4171783	2.2466	LD-EXH
595274	4171803	1.89219	LD-EXH
595294	4171803	1.89078	LD-EXH
595314	4171803	1.88852	LD-EXH
595334	4171803	1.88336	LD-EXH
595534	4171803	1.7877	LD-EXH
595554	4171803	1.79121	LD-EXH
595574	4171803	1.817	LD-EXH
595594	4171803	1.83961	LD-EXH
595614	4171803	1.87343	LD-EXH
595634	4171803	1.91711	LD-EXH
595654	4171803	1.96059	LD-EXH
595674	4171803	2.01727	LD-EXH
595694	4171803	2.08153	LD-EXH
595714	4171803	2.16764	LD-EXH
595734	4171803	2.24524	LD-EXH
595754	4171803	2.3226	LD-EXH
595774	4171803	2.41784	LD-EXH
595794	4171803	2.51268	LD-EXH
595814	4171803	2.60943	LD-EXH
595254	4171823	2.0564	LD-EXH
595274	4171823	2.06236	LD-EXH
595294	4171823	2.06711	LD-EXH
595314	4171823	2.07155	LD-EXH
595334	4171823	2.07186	LD-EXH
595514	4171823	2.01001	LD-EXH
595534	4171823	1.99474	LD-EXH
595554	4171823	2.00246	LD-EXH
595574	4171823	2.01168	LD-EXH
595594	4171823	2.03915	LD-EXH
595614	4171823	2.09015	LD-EXH
595634	4171823	2.13971	LD-EXH
595654	4171823	2.20165	LD-EXH
595674	4171823	2.27266	LD-EXH
595694	4171823	2.33302	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4171823	2.43211	LD-EXH
595734	4171823	2.52025	LD-EXH
595754	4171823	2.61485	LD-EXH
595774	4171823	2.72047	LD-EXH
595794	4171823	2.82977	LD-EXH
595814	4171823	2.93946	LD-EXH
595834	4171823	3.04348	LD-EXH
595854	4171823	3.13087	LD-EXH
595234	4171843	2.22758	LD-EXH
595254	4171843	2.24189	LD-EXH
595274	4171843	2.25573	LD-EXH
595294	4171843	2.26721	LD-EXH
595314	4171843	2.27572	LD-EXH
595334	4171843	2.28406	LD-EXH
595514	4171843	2.25708	LD-EXH
595534	4171843	2.24744	LD-EXH
595554	4171843	2.25347	LD-EXH
595574	4171843	2.29156	LD-EXH
595594	4171843	2.2994	LD-EXH
595614	4171843	2.35884	LD-EXH
595634	4171843	2.41434	LD-EXH
595654	4171843	2.48483	LD-EXH
595674	4171843	2.55137	LD-EXH
595694	4171843	2.64184	LD-EXH
595714	4171843	2.751	LD-EXH
595734	4171843	2.84929	LD-EXH
595754	4171843	2.96459	LD-EXH
595774	4171843	3.08632	LD-EXH
595794	4171843	3.21427	LD-EXH
595814	4171843	3.33641	LD-EXH
595854	4171843	3.5268	LD-EXH
595874	4171843	3.58242	LD-EXH
595214	4171863	2.39523	LD-EXH
595234	4171863	2.42107	LD-EXH
595254	4171863	2.44578	LD-EXH
595274	4171863	2.46627	LD-EXH
595294	4171863	2.48777	LD-EXH
595314	4171863	2.50439	LD-EXH
595334	4171863	2.52164	LD-EXH
595514	4171863	2.55832	LD-EXH
595534	4171863	2.55979	LD-EXH
595554	4171863	2.57	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4171863	2.58681	LD-EXH
595594	4171863	2.61506	LD-EXH
595614	4171863	2.658	LD-EXH
595634	4171863	2.73876	LD-EXH
595654	4171863	2.83246	LD-EXH
595674	4171863	2.89705	LD-EXH
595694	4171863	3.02388	LD-EXH
595714	4171863	3.13135	LD-EXH
595734	4171863	3.2494	LD-EXH
595754	4171863	3.39092	LD-EXH
595774	4171863	3.54327	LD-EXH
595794	4171863	3.69594	LD-EXH
595814	4171863	3.827	LD-EXH
595834	4171863	3.92465	LD-EXH
595854	4171863	3.98799	LD-EXH
595874	4171863	4.01451	LD-EXH
595894	4171863	4.00458	LD-EXH
595194	4171883	2.57179	LD-EXH
595214	4171883	2.60673	LD-EXH
595234	4171883	2.63918	LD-EXH
595254	4171883	2.66958	LD-EXH
595274	4171883	2.69945	LD-EXH
595294	4171883	2.73033	LD-EXH
595314	4171883	2.75799	LD-EXH
595514	4171883	2.94253	LD-EXH
595534	4171883	2.95933	LD-EXH
595554	4171883	2.97336	LD-EXH
595574	4171883	2.9904	LD-EXH
595594	4171883	3.02372	LD-EXH
595614	4171883	3.06856	LD-EXH
595634	4171883	3.1352	LD-EXH
595654	4171883	3.24233	LD-EXH
595674	4171883	3.33223	LD-EXH
595694	4171883	3.47914	LD-EXH
595714	4171883	3.61074	LD-EXH
595734	4171883	3.75476	LD-EXH
595754	4171883	3.92398	LD-EXH
595774	4171883	4.10895	LD-EXH
595794	4171883	4.27256	LD-EXH
595814	4171883	4.41573	LD-EXH
595834	4171883	4.49563	LD-EXH
595854	4171883	4.52553	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4171883	4.5082	LD-EXH
595894	4171883	4.44871	LD-EXH
595174	4171903	2.74366	LD-EXH
595194	4171903	2.7896	LD-EXH
595214	4171903	2.83169	LD-EXH
595234	4171903	2.87692	LD-EXH
595254	4171903	2.92049	LD-EXH
595274	4171903	2.96184	LD-EXH
595294	4171903	3.00304	LD-EXH
595314	4171903	3.04536	LD-EXH
595514	4171903	3.40662	LD-EXH
595534	4171903	3.43999	LD-EXH
595554	4171903	3.4822	LD-EXH
595574	4171903	3.53102	LD-EXH
595594	4171903	3.5717	LD-EXH
595614	4171903	3.6198	LD-EXH
595634	4171903	3.67098	LD-EXH
595654	4171903	3.77317	LD-EXH
595674	4171903	3.88728	LD-EXH
595694	4171903	4.02843	LD-EXH
595714	4171903	4.20577	LD-EXH
595734	4171903	4.39671	LD-EXH
595754	4171903	4.6272	LD-EXH
595774	4171903	4.84712	LD-EXH
595794	4171903	5.02495	LD-EXH
595814	4171903	5.13564	LD-EXH
595834	4171903	5.16934	LD-EXH
595854	4171903	5.1407	LD-EXH
595874	4171903	5.05314	LD-EXH
595894	4171903	4.92274	LD-EXH
595914	4171903	4.76338	LD-EXH
595174	4171923	2.96409	LD-EXH
595194	4171923	3.02344	LD-EXH
595214	4171923	3.08396	LD-EXH
595234	4171923	3.14096	LD-EXH
595254	4171923	3.19876	LD-EXH
595274	4171923	3.25719	LD-EXH
595294	4171923	3.30966	LD-EXH
595534	4171923	4.06753	LD-EXH
595554	4171923	4.14589	LD-EXH
595574	4171923	4.2221	LD-EXH
595594	4171923	4.29007	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4171923	4.3514	LD-EXH
595634	4171923	4.4105	LD-EXH
595654	4171923	4.48653	LD-EXH
595674	4171923	4.60759	LD-EXH
595694	4171923	4.75244	LD-EXH
595714	4171923	4.99047	LD-EXH
595734	4171923	5.25756	LD-EXH
595754	4171923	5.55222	LD-EXH
595774	4171923	5.80629	LD-EXH
595794	4171923	5.96413	LD-EXH
595814	4171923	6.00984	LD-EXH
595834	4171923	5.95074	LD-EXH
595854	4171923	5.82186	LD-EXH
595874	4171923	5.63523	LD-EXH
595894	4171923	5.41502	LD-EXH
595914	4171923	5.17701	LD-EXH
595154	4171943	3.12819	LD-EXH
595174	4171943	3.20261	LD-EXH
595194	4171943	3.27959	LD-EXH
595214	4171943	3.35282	LD-EXH
595234	4171943	3.42843	LD-EXH
595254	4171943	3.50783	LD-EXH
595274	4171943	3.58265	LD-EXH
595294	4171943	3.65776	LD-EXH
595534	4171943	4.86174	LD-EXH
595554	4171943	5.00896	LD-EXH
595574	4171943	5.15728	LD-EXH
595594	4171943	5.27835	LD-EXH
595614	4171943	5.36612	LD-EXH
595634	4171943	5.42234	LD-EXH
595654	4171943	5.47523	LD-EXH
595674	4171943	5.58167	LD-EXH
595694	4171943	5.74883	LD-EXH
595714	4171943	6.03075	LD-EXH
595734	4171943	6.40591	LD-EXH
595754	4171943	6.82493	LD-EXH
595774	4171943	7.09551	LD-EXH
595794	4171943	7.13065	LD-EXH
595814	4171943	7.04323	LD-EXH
595834	4171943	6.83812	LD-EXH
595854	4171943	6.55896	LD-EXH
595874	4171943	6.24137	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595894	4171943	5.91032	LD-EXH
595914	4171943	5.58109	LD-EXH
595934	4171943	5.26311	LD-EXH
595154	4171963	3.35985	LD-EXH
595174	4171963	3.45464	LD-EXH
595194	4171963	3.54887	LD-EXH
595214	4171963	3.64615	LD-EXH
595234	4171963	3.73984	LD-EXH
595254	4171963	3.84834	LD-EXH
595274	4171963	3.9478	LD-EXH
595554	4171963	6.11468	LD-EXH
595574	4171963	6.40057	LD-EXH
595594	4171963	6.66469	LD-EXH
595614	4171963	6.85543	LD-EXH
595634	4171963	6.95537	LD-EXH
595654	4171963	6.95275	LD-EXH
595674	4171963	6.98505	LD-EXH
595694	4171963	7.19074	LD-EXH
595714	4171963	7.63701	LD-EXH
595734	4171963	8.24903	LD-EXH
595754	4171963	8.68417	LD-EXH
595774	4171963	8.77347	LD-EXH
595794	4171963	8.59709	LD-EXH
595814	4171963	8.24317	LD-EXH
595834	4171963	7.80131	LD-EXH
595854	4171963	7.31979	LD-EXH
595874	4171963	6.81658	LD-EXH
595894	4171963	6.37441	LD-EXH
595914	4171963	5.9537	LD-EXH
595934	4171963	5.56391	LD-EXH
595154	4171983	3.60531	LD-EXH
595174	4171983	3.71775	LD-EXH
595194	4171983	3.83823	LD-EXH
595214	4171983	3.96068	LD-EXH
595234	4171983	4.08731	LD-EXH
595254	4171983	4.20435	LD-EXH
595574	4171983	7.99387	LD-EXH
595754	4172023	19.49589	LD-EXH
595774	4172023	16.29296	LD-EXH
595794	4172023	13.88118	LD-EXH
595814	4172023	11.98611	LD-EXH
595834	4172023	10.49208	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172043	47.37808	LD-EXH
595734	4172043	31.32871	LD-EXH
595754	4172043	23.24144	LD-EXH
595774	4172043	18.39643	LD-EXH
595794	4172043	15.12487	LD-EXH
595814	4172043	12.7518	LD-EXH
595834	4172043	10.96709	LD-EXH
595854	4172043	9.59045	LD-EXH
595874	4172043	8.49827	LD-EXH
595894	4172043	7.61355	LD-EXH
595914	4172043	6.88333	LD-EXH
595934	4172043	6.28153	LD-EXH
595714	4172063	55.9128	LD-EXH
595734	4172063	36.12	LD-EXH
595754	4172063	25.66891	LD-EXH
595774	4172063	19.67843	LD-EXH
595794	4172063	15.82462	LD-EXH
595814	4172063	13.15341	LD-EXH
595834	4172063	11.206	LD-EXH
595854	4172063	9.7355	LD-EXH
595874	4172063	8.58723	LD-EXH
595894	4172063	7.66788	LD-EXH
595914	4172063	6.91576	LD-EXH
595934	4172063	6.29055	LD-EXH
595714	4172083	59.67167	LD-EXH
595734	4172083	37.88438	LD-EXH
595754	4172083	26.44781	LD-EXH
595774	4172083	19.98339	LD-EXH
595794	4172083	15.91664	LD-EXH
595814	4172083	13.15486	LD-EXH
595834	4172083	11.17295	LD-EXH
595854	4172083	9.68755	LD-EXH
595874	4172083	8.53589	LD-EXH
595894	4172083	7.61741	LD-EXH
595914	4172083	6.86922	LD-EXH
595934	4172083	6.24775	LD-EXH
595114	4172103	4.68278	LD-EXH
595134	4172103	4.94447	LD-EXH
595714	4172103	56.68081	LD-EXH
595734	4172103	36.02432	LD-EXH
595754	4172103	25.43608	LD-EXH
595774	4172103	19.35476	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172103	15.48109	LD-EXH
595814	4172103	12.82837	LD-EXH
595834	4172103	10.91765	LD-EXH
595854	4172103	9.48289	LD-EXH
595874	4172103	8.36891	LD-EXH
595894	4172103	7.4798	LD-EXH
595914	4172103	6.75462	LD-EXH
595934	4172103	6.15174	LD-EXH
595094	4172123	4.58127	LD-EXH
595114	4172123	4.83766	LD-EXH
595134	4172123	5.126	LD-EXH
595694	4172123	78.71899	LD-EXH
595714	4172123	46.42086	LD-EXH
595734	4172123	31.30201	LD-EXH
595754	4172123	23.06259	LD-EXH
595774	4172123	18.00653	LD-EXH
595794	4172123	14.63586	LD-EXH
595814	4172123	12.25562	LD-EXH
595834	4172123	10.50245	LD-EXH
595854	4172123	9.16708	LD-EXH
595874	4172123	8.12023	LD-EXH
595894	4172123	7.27991	LD-EXH
595914	4172123	6.59068	LD-EXH
595934	4172123	6.01533	LD-EXH
595094	4172143	4.69262	LD-EXH
595114	4172143	4.96844	LD-EXH
595134	4172143	5.28013	LD-EXH
595694	4172143	48.78212	LD-EXH
595714	4172143	34.6405	LD-EXH
595734	4172143	25.81856	LD-EXH
595754	4172143	20.15102	LD-EXH
595774	4172143	16.30112	LD-EXH
595794	4172143	13.55896	LD-EXH
595814	4172143	11.532	LD-EXH
595834	4172143	9.98872	LD-EXH
595854	4172143	8.78423	LD-EXH
595874	4172143	7.82334	LD-EXH
595894	4172143	7.04268	LD-EXH
595914	4172143	6.39655	LD-EXH
595934	4172143	5.85357	LD-EXH
595094	4172163	4.78513	LD-EXH
595114	4172163	5.08022	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595134	4172163	5.41069	LD-EXH
595154	4172163	5.80033	LD-EXH
595614	4172163	56.05925	LD-EXH
595634	4172163	52.65	LD-EXH
595654	4172163	47.02609	LD-EXH
595674	4172163	39.92341	LD-EXH
595694	4172163	32.40501	LD-EXH
595714	4172163	26.06129	LD-EXH
595734	4172163	21.11796	LD-EXH
595754	4172163	17.3851	LD-EXH
595774	4172163	14.57258	LD-EXH
595794	4172163	12.42352	LD-EXH
595814	4172163	10.75308	LD-EXH
595834	4172163	9.4323	LD-EXH
595854	4172163	8.37054	LD-EXH
595874	4172163	7.50507	LD-EXH
595894	4172163	6.78936	LD-EXH
595914	4172163	6.18941	LD-EXH
595074	4172183	4.57947	LD-EXH
595094	4172183	4.85611	LD-EXH
595114	4172183	5.16677	LD-EXH
595134	4172183	5.51788	LD-EXH
595154	4172183	5.91635	LD-EXH
595614	4172183	33.65678	LD-EXH
595634	4172183	31.75158	LD-EXH
595654	4172183	29.81798	LD-EXH
595674	4172183	26.9945	LD-EXH
595694	4172183	23.75463	LD-EXH
595714	4172183	20.51016	LD-EXH
595734	4172183	17.56994	LD-EXH
595754	4172183	15.07499	LD-EXH
595774	4172183	13.0248	LD-EXH
595794	4172183	11.35593	LD-EXH
595814	4172183	9.99563	LD-EXH
595834	4172183	8.87953	LD-EXH
595854	4172183	7.95592	LD-EXH
595874	4172183	7.1854	LD-EXH
595894	4172183	6.53503	LD-EXH
595914	4172183	5.98174	LD-EXH
595074	4172203	4.63463	LD-EXH
595094	4172203	4.92123	LD-EXH
595114	4172203	5.24122	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595134	4172203	5.60744	LD-EXH
595154	4172203	6.02456	LD-EXH
595594	4172203	25.14575	LD-EXH
595614	4172203	24.51032	LD-EXH
595634	4172203	23.31353	LD-EXH
595654	4172203	22.08297	LD-EXH
595674	4172203	20.56365	LD-EXH
595694	4172203	18.78052	LD-EXH
595714	4172203	16.86621	LD-EXH
595734	4172203	14.9805	LD-EXH
595754	4172203	13.24821	LD-EXH
595774	4172203	11.724	LD-EXH
595794	4172203	10.41563	LD-EXH
595814	4172203	9.30405	LD-EXH
595834	4172203	8.36117	LD-EXH
595854	4172203	7.56003	LD-EXH
595874	4172203	6.87688	LD-EXH
595894	4172203	6.2889	LD-EXH
595914	4172203	5.78075	LD-EXH
595074	4172223	4.68734	LD-EXH
595094	4172223	4.99112	LD-EXH
595114	4172223	5.31475	LD-EXH
595134	4172223	5.69586	LD-EXH
595154	4172223	6.12491	LD-EXH
595594	4172223	20.09808	LD-EXH
595614	4172223	19.27771	LD-EXH
595634	4172223	18.67438	LD-EXH
595654	4172223	17.77651	LD-EXH
595674	4172223	16.77123	LD-EXH
595694	4172223	15.6203	LD-EXH
595714	4172223	14.36229	LD-EXH
595734	4172223	13.06758	LD-EXH
595754	4172223	11.8146	LD-EXH
595774	4172223	10.65269	LD-EXH
595794	4172223	9.61059	LD-EXH
595814	4172223	8.69323	LD-EXH
595834	4172223	7.89189	LD-EXH
595854	4172223	7.19453	LD-EXH
595874	4172223	6.58717	LD-EXH
595894	4172223	6.05584	LD-EXH
595054	4172243	4.48206	LD-EXH
595074	4172243	4.75231	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595094	4172243	5.06426	LD-EXH
595114	4172243	5.39802	LD-EXH
595134	4172243	5.79427	LD-EXH
595154	4172243	6.26424	LD-EXH
595594	4172243	17.16329	LD-EXH
595614	4172243	16.24168	LD-EXH
595634	4172243	15.78563	LD-EXH
595654	4172243	15.06756	LD-EXH
595674	4172243	14.30667	LD-EXH
595694	4172243	13.46974	LD-EXH
595714	4172243	12.56464	LD-EXH
595734	4172243	11.61896	LD-EXH
595754	4172243	10.67558	LD-EXH
595774	4172243	9.76704	LD-EXH
595794	4172243	8.92316	LD-EXH
595814	4172243	8.15729	LD-EXH
595834	4172243	7.47087	LD-EXH
595854	4172243	6.86072	LD-EXH
595874	4172243	6.31871	LD-EXH
595894	4172243	5.83741	LD-EXH
595054	4172263	4.55023	LD-EXH
595074	4172263	4.83413	LD-EXH
595094	4172263	5.15131	LD-EXH
595114	4172263	5.48827	LD-EXH
595134	4172263	5.92779	LD-EXH
595154	4172263	6.40922	LD-EXH
595594	4172263	15.17369	LD-EXH
595614	4172263	14.38612	LD-EXH
595634	4172263	13.84362	LD-EXH
595654	4172263	13.22381	LD-EXH
595674	4172263	12.59381	LD-EXH
595694	4172263	11.92938	LD-EXH
595714	4172263	11.22649	LD-EXH
595734	4172263	10.49555	LD-EXH
595754	4172263	9.75495	LD-EXH
595774	4172263	9.02597	LD-EXH
595794	4172263	8.33138	LD-EXH
595814	4172263	7.68503	LD-EXH
595834	4172263	7.09264	LD-EXH
595854	4172263	6.55575	LD-EXH
595874	4172263	6.07029	LD-EXH
595894	4172263	5.63306	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595054	4172283	4.62176	LD-EXH
595074	4172283	4.91844	LD-EXH
595094	4172283	5.23335	LD-EXH
595114	4172283	5.60552	LD-EXH
595134	4172283	6.05948	LD-EXH
595154	4172283	6.56055	LD-EXH
595174	4172283	7.17485	LD-EXH
595574	4172283	14.35089	LD-EXH
595594	4172283	13.68069	LD-EXH
595614	4172283	13.05453	LD-EXH
595634	4172283	12.45519	LD-EXH
595654	4172283	11.89428	LD-EXH
595674	4172283	11.3419	LD-EXH
595694	4172283	10.77903	LD-EXH
595714	4172283	10.19917	LD-EXH
595734	4172283	9.6038	LD-EXH
595754	4172283	8.99983	LD-EXH
595774	4172283	8.39891	LD-EXH
595794	4172283	7.8168	LD-EXH
595814	4172283	7.26458	LD-EXH
595834	4172283	6.74953	LD-EXH
595854	4172283	6.27496	LD-EXH
595874	4172283	5.83892	LD-EXH
595894	4172283	5.44087	LD-EXH
595034	4172303	4.42947	LD-EXH
595054	4172303	4.70276	LD-EXH
595074	4172303	5.00952	LD-EXH
595094	4172303	5.3248	LD-EXH
595114	4172303	5.74537	LD-EXH
595134	4172303	6.19913	LD-EXH
595154	4172303	6.73886	LD-EXH
595174	4172303	7.39332	LD-EXH
595574	4172303	13.21851	LD-EXH
595594	4172303	12.51494	LD-EXH
595614	4172303	11.97639	LD-EXH
595634	4172303	11.41305	LD-EXH
595654	4172303	10.89139	LD-EXH
595674	4172303	10.38862	LD-EXH
595694	4172303	9.89009	LD-EXH
595714	4172303	9.38875	LD-EXH
595734	4172303	8.88246	LD-EXH
595754	4172303	8.37184	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172303	7.8628	LD-EXH
595794	4172303	7.36528	LD-EXH
595814	4172303	6.88699	LD-EXH
595834	4172303	6.4356	LD-EXH
595854	4172303	6.01395	LD-EXH
595874	4172303	5.62126	LD-EXH
595034	4172323	4.5045	LD-EXH
595054	4172323	4.791	LD-EXH
595074	4172323	5.10198	LD-EXH
595094	4172323	5.43866	LD-EXH
595114	4172323	5.86053	LD-EXH
595134	4172323	6.35842	LD-EXH
595154	4172323	6.93598	LD-EXH
595174	4172323	7.63678	LD-EXH
595574	4172323	12.36063	LD-EXH
595594	4172323	11.63617	LD-EXH
595614	4172323	11.13109	LD-EXH
595634	4172323	10.59635	LD-EXH
595654	4172323	10.10467	LD-EXH
595674	4172323	9.63724	LD-EXH
595694	4172323	9.18224	LD-EXH
595714	4172323	8.7338	LD-EXH
595734	4172323	8.2879	LD-EXH
595754	4172323	7.84283	LD-EXH
595774	4172323	7.40042	LD-EXH
595794	4172323	6.96632	LD-EXH
595814	4172323	6.54691	LD-EXH
595834	4172323	6.14698	LD-EXH
595854	4172323	5.76957	LD-EXH
595874	4172323	5.41474	LD-EXH
595034	4172343	4.58298	LD-EXH
595054	4172343	4.8812	LD-EXH
595074	4172343	5.21747	LD-EXH
595094	4172343	5.59531	LD-EXH
595114	4172343	6.01839	LD-EXH
595134	4172343	6.53069	LD-EXH
595154	4172343	7.15378	LD-EXH
595574	4172343	11.67283	LD-EXH
595594	4172343	10.9941	LD-EXH
595614	4172343	10.45275	LD-EXH
595634	4172343	9.93486	LD-EXH
595654	4172343	9.46273	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172343	9.02127	LD-EXH
595694	4172343	8.60003	LD-EXH
595714	4172343	8.19121	LD-EXH
595734	4172343	7.7885	LD-EXH
595754	4172343	7.39065	LD-EXH
595774	4172343	6.9977	LD-EXH
595794	4172343	6.6123	LD-EXH
595814	4172343	6.23867	LD-EXH
595834	4172343	5.88073	LD-EXH
595854	4172343	5.53994	LD-EXH
595874	4172343	5.21771	LD-EXH
595554	4172363	11.78179	LD-EXH
595574	4172363	11.06856	LD-EXH
595594	4172363	10.44544	LD-EXH
595614	4172363	9.89427	LD-EXH
595634	4172363	9.39565	LD-EXH
595654	4172363	8.93942	LD-EXH
595674	4172363	8.51444	LD-EXH
595694	4172363	8.11306	LD-EXH
595714	4172363	7.72912	LD-EXH
595734	4172363	7.35788	LD-EXH
595754	4172363	6.99657	LD-EXH
595774	4172363	6.64197	LD-EXH
595794	4172363	6.29555	LD-EXH
595814	4172363	5.95797	LD-EXH
595834	4172363	5.63377	LD-EXH
595854	4172363	5.32374	LD-EXH
595874	4172363	5.02944	LD-EXH
595554	4172383	11.2265	LD-EXH
595574	4172383	10.52014	LD-EXH
595594	4172383	9.95348	LD-EXH
595614	4172383	9.41121	LD-EXH
595634	4172383	8.92707	LD-EXH
595654	4172383	8.48759	LD-EXH
595674	4172383	8.08094	LD-EXH
595694	4172383	7.70065	LD-EXH
595714	4172383	7.33931	LD-EXH
595734	4172383	6.99079	LD-EXH
595754	4172383	6.65332	LD-EXH
595774	4172383	6.32569	LD-EXH
595794	4172383	6.00777	LD-EXH
595814	4172383	5.69967	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172383	5.40343	LD-EXH
595854	4172383	5.12009	LD-EXH
595554	4172403	10.79501	LD-EXH
595574	4172403	10.0626	LD-EXH
595594	4172403	9.5221	LD-EXH
595614	4172403	8.99183	LD-EXH
595634	4172403	8.51982	LD-EXH
595654	4172403	8.09289	LD-EXH
595674	4172403	7.70047	LD-EXH
595694	4172403	7.33411	LD-EXH
595714	4172403	6.99025	LD-EXH
595734	4172403	6.66307	LD-EXH
595754	4172403	6.34915	LD-EXH
595774	4172403	6.04549	LD-EXH
595794	4172403	5.75037	LD-EXH
595814	4172403	5.46419	LD-EXH
595834	4172403	5.18933	LD-EXH
595854	4172403	4.92659	LD-EXH
595074	4172423	5.71109	LD-EXH
595094	4172423	6.18233	LD-EXH
595554	4172423	10.40739	LD-EXH
595574	4172423	9.69133	LD-EXH
595594	4172423	9.13692	LD-EXH
595614	4172423	8.61993	LD-EXH
595634	4172423	8.15898	LD-EXH
595654	4172423	7.74308	LD-EXH
595674	4172423	7.3619	LD-EXH
595694	4172423	7.0098	LD-EXH
595714	4172423	6.68031	LD-EXH
595734	4172423	6.36925	LD-EXH
595754	4172423	6.07296	LD-EXH
595774	4172423	5.7877	LD-EXH
595794	4172423	5.51263	LD-EXH
595814	4172423	5.24652	LD-EXH
595834	4172423	4.99082	LD-EXH
595854	4172423	4.74702	LD-EXH
595074	4172443	5.83938	LD-EXH
595094	4172443	6.33776	LD-EXH
595114	4172443	6.9168	LD-EXH
595134	4172443	7.61189	LD-EXH
595534	4172443	10.74689	LD-EXH
595554	4172443	9.99871	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172443	9.34949	LD-EXH
595594	4172443	8.78631	LD-EXH
595614	4172443	8.28249	LD-EXH
595634	4172443	7.83344	LD-EXH
595654	4172443	7.4281	LD-EXH
595674	4172443	7.05758	LD-EXH
595694	4172443	6.71662	LD-EXH
595714	4172443	6.40029	LD-EXH
595734	4172443	6.10322	LD-EXH
595754	4172443	5.82083	LD-EXH
595774	4172443	5.5513	LD-EXH
595794	4172443	5.29262	LD-EXH
595814	4172443	5.04302	LD-EXH
595834	4172443	4.80343	LD-EXH
595854	4172443	4.57449	LD-EXH
595054	4172463	5.53248	LD-EXH
595074	4172463	5.97941	LD-EXH
595094	4172463	6.49755	LD-EXH
595114	4172463	7.10894	LD-EXH
595534	4172463	10.35064	LD-EXH
595554	4172463	9.59	LD-EXH
595574	4172463	8.98083	LD-EXH
595594	4172463	8.46012	LD-EXH
595614	4172463	7.97141	LD-EXH
595634	4172463	7.53423	LD-EXH
595654	4172463	7.13996	LD-EXH
595674	4172463	6.77996	LD-EXH
595694	4172463	6.44951	LD-EXH
595714	4172463	6.14332	LD-EXH
595734	4172463	5.85751	LD-EXH
595754	4172463	5.58796	LD-EXH
595774	4172463	5.33204	LD-EXH
595794	4172463	5.08777	LD-EXH
595814	4172463	4.85226	LD-EXH
595834	4172463	4.62721	LD-EXH
595054	4172483	5.35174	LD-EXH
595074	4172483	6.11612	LD-EXH
595094	4172483	6.66669	LD-EXH
595114	4172483	7.31374	LD-EXH
595534	4172483	10.00909	LD-EXH
595554	4172483	9.24974	LD-EXH
595574	4172483	8.67229	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172483	8.14819	LD-EXH
595614	4172483	7.66764	LD-EXH
595634	4172483	7.24937	LD-EXH
595654	4172483	6.87008	LD-EXH
595674	4172483	6.52152	LD-EXH
595694	4172483	6.20116	LD-EXH
595714	4172483	5.90514	LD-EXH
595734	4172483	5.62961	LD-EXH
595754	4172483	5.37142	LD-EXH
595774	4172483	5.12749	LD-EXH
595794	4172483	4.89537	LD-EXH
595814	4172483	4.6727	LD-EXH
595834	4172483	4.46003	LD-EXH
595034	4172503	5.33986	LD-EXH
595054	4172503	5.74423	LD-EXH
595074	4172503	6.24182	LD-EXH
595094	4172503	6.82726	LD-EXH
595114	4172503	7.53852	LD-EXH
595534	4172503	9.67615	LD-EXH
595554	4172503	8.93697	LD-EXH
595574	4172503	8.37807	LD-EXH
595594	4172503	7.85691	LD-EXH
595614	4172503	7.39191	LD-EXH
595634	4172503	6.98396	LD-EXH
595654	4172503	6.61325	LD-EXH
595674	4172503	6.2657	LD-EXH
595694	4172503	5.9671	LD-EXH
595714	4172503	5.6811	LD-EXH
595734	4172503	5.41619	LD-EXH
595754	4172503	5.16768	LD-EXH
595774	4172503	4.93489	LD-EXH
595794	4172503	4.71461	LD-EXH
595814	4172503	4.50302	LD-EXH
595834	4172503	4.30152	LD-EXH
595034	4172523	5.43821	LD-EXH
595054	4172523	5.88959	LD-EXH
595074	4172523	6.41274	LD-EXH
595094	4172523	6.99897	LD-EXH
595514	4172523	10.08336	LD-EXH
595534	4172523	9.31491	LD-EXH
595554	4172523	8.66088	LD-EXH
595574	4172523	8.11352	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172523	7.56718	LD-EXH
595614	4172523	7.14413	LD-EXH
595634	4172523	6.74222	LD-EXH
595654	4172523	6.36507	LD-EXH
595674	4172523	6.0466	LD-EXH
595694	4172523	5.74029	LD-EXH
595714	4172523	5.46489	LD-EXH
595734	4172523	5.21108	LD-EXH
595754	4172523	4.97489	LD-EXH
595774	4172523	4.75241	LD-EXH
595794	4172523	4.54292	LD-EXH
595814	4172523	4.3417	LD-EXH
595834	4172523	4.15045	LD-EXH
595034	4172543	5.53452	LD-EXH
595054	4172543	6.0113	LD-EXH
595074	4172543	6.55547	LD-EXH
595094	4172543	7.21154	LD-EXH
595514	4172543	9.71611	LD-EXH
595534	4172543	8.96137	LD-EXH
595554	4172543	8.35888	LD-EXH
595574	4172543	7.79266	LD-EXH
595594	4172543	7.28739	LD-EXH
595614	4172543	6.85931	LD-EXH
595634	4172543	6.50005	LD-EXH
595654	4172543	6.14974	LD-EXH
595674	4172543	5.81341	LD-EXH
595694	4172543	5.53304	LD-EXH
595714	4172543	5.27325	LD-EXH
595734	4172543	5.01827	LD-EXH
595754	4172543	4.79116	LD-EXH
595774	4172543	4.57396	LD-EXH
595794	4172543	4.37882	LD-EXH
595814	4172543	4.18781	LD-EXH
595014	4172563	5.20933	LD-EXH
595034	4172563	5.63539	LD-EXH
595054	4172563	6.1273	LD-EXH
595074	4172563	6.69666	LD-EXH
595094	4172563	7.39588	LD-EXH
595514	4172563	9.38929	LD-EXH
595534	4172563	8.65661	LD-EXH
595554	4172563	8.08221	LD-EXH
595574	4172563	7.4931	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172563	7.01591	LD-EXH
595614	4172563	6.61004	LD-EXH
595634	4172563	6.26062	LD-EXH
595654	4172563	5.92105	LD-EXH
595674	4172563	5.60019	LD-EXH
595694	4172563	5.32059	LD-EXH
595714	4172563	5.06422	LD-EXH
595734	4172563	4.83646	LD-EXH
595754	4172563	4.61574	LD-EXH
595774	4172563	4.40896	LD-EXH
595794	4172563	4.22342	LD-EXH
595814	4172563	4.04055	LD-EXH
595014	4172583	5.28447	LD-EXH
595034	4172583	5.72603	LD-EXH
595054	4172583	6.24731	LD-EXH
595074	4172583	6.84882	LD-EXH
595494	4172583	9.80362	LD-EXH
595514	4172583	9.03271	LD-EXH
595534	4172583	8.34423	LD-EXH
595554	4172583	7.75963	LD-EXH
595574	4172583	7.21106	LD-EXH
595594	4172583	6.76134	LD-EXH
595614	4172583	6.38879	LD-EXH
595634	4172583	6.03168	LD-EXH
595654	4172583	5.69062	LD-EXH
595674	4172583	5.3949	LD-EXH
595694	4172583	5.12589	LD-EXH
595714	4172583	4.87946	LD-EXH
595734	4172583	4.66433	LD-EXH
595754	4172583	4.44992	LD-EXH
595774	4172583	4.25732	LD-EXH
595794	4172583	4.07361	LD-EXH
595814	4172583	3.89948	LD-EXH
595034	4172603	5.83135	LD-EXH
595054	4172603	6.37108	LD-EXH
595074	4172603	7.01579	LD-EXH
595494	4172603	9.41969	LD-EXH
595514	4172603	8.64499	LD-EXH
595534	4172603	8.02975	LD-EXH
595554	4172603	7.46612	LD-EXH
595574	4172603	6.93626	LD-EXH
595594	4172603	6.51149	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172603	6.16094	LD-EXH
595634	4172603	5.81233	LD-EXH
595654	4172603	5.47848	LD-EXH
595674	4172603	5.19497	LD-EXH
595694	4172603	4.93683	LD-EXH
595714	4172603	4.70036	LD-EXH
595734	4172603	4.4935	LD-EXH
595754	4172603	4.28629	LD-EXH
595774	4172603	4.1052	LD-EXH
595794	4172603	3.92849	LD-EXH
595474	4172623	9.8643	LD-EXH
595494	4172623	9.05973	LD-EXH
595514	4172623	8.3126	LD-EXH
595534	4172623	7.71412	LD-EXH
595554	4172623	7.17659	LD-EXH
595574	4172623	6.71459	LD-EXH
595594	4172623	6.2973	LD-EXH
595614	4172623	5.91431	LD-EXH
595634	4172623	5.58814	LD-EXH
595654	4172623	5.28705	LD-EXH
595674	4172623	5.01208	LD-EXH
595694	4172623	4.75302	LD-EXH
595714	4172623	4.53154	LD-EXH
595734	4172623	4.32445	LD-EXH
595754	4172623	4.13516	LD-EXH
595774	4172623	3.95723	LD-EXH
595794	4172623	3.78868	LD-EXH
595814	4172623	3.63025	LD-EXH
595474	4172643	9.43187	LD-EXH
595494	4172643	8.61568	LD-EXH
595514	4172643	7.97952	LD-EXH
595534	4172643	7.389	LD-EXH
595554	4172643	6.87749	LD-EXH
595574	4172643	6.42241	LD-EXH
595594	4172643	6.02753	LD-EXH
595614	4172643	5.69104	LD-EXH
595634	4172643	5.35054	LD-EXH
595654	4172643	5.08192	LD-EXH
595674	4172643	4.82153	LD-EXH
595694	4172643	4.58368	LD-EXH
595714	4172643	4.36634	LD-EXH
595734	4172643	4.16479	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172643	3.98528	LD-EXH
595774	4172643	3.81314	LD-EXH
595794	4172643	3.65287	LD-EXH
595814	4172643	3.50232	LD-EXH
595474	4172663	9.00707	LD-EXH
595494	4172663	8.2401	LD-EXH
595514	4172663	7.6276	LD-EXH
595534	4172663	7.06985	LD-EXH
595554	4172663	6.58424	LD-EXH
595574	4172663	6.15467	LD-EXH
595594	4172663	5.78174	LD-EXH
595614	4172663	5.44404	LD-EXH
595634	4172663	5.13098	LD-EXH
595654	4172663	4.86522	LD-EXH
595674	4172663	4.61794	LD-EXH
595694	4172663	4.40878	LD-EXH
595714	4172663	4.19532	LD-EXH
595734	4172663	4.00922	LD-EXH
595754	4172663	3.83801	LD-EXH
595774	4172663	3.6735	LD-EXH
595794	4172663	3.52133	LD-EXH
595814	4172663	3.37853	LD-EXH
595454	4172683	9.38586	LD-EXH
595474	4172683	8.56693	LD-EXH
595494	4172683	7.87081	LD-EXH
595514	4172683	7.2791	LD-EXH
595534	4172683	6.75339	LD-EXH
595554	4172683	6.29506	LD-EXH
595574	4172683	5.89172	LD-EXH
595594	4172683	5.54901	LD-EXH
595614	4172683	5.20502	LD-EXH
595634	4172683	4.92399	LD-EXH
595654	4172683	4.66994	LD-EXH
595674	4172683	4.43559	LD-EXH
595694	4172683	4.23883	LD-EXH
595714	4172683	4.03835	LD-EXH
595734	4172683	3.86189	LD-EXH
595754	4172683	3.69252	LD-EXH
595774	4172683	3.53281	LD-EXH
595794	4172683	3.39085	LD-EXH
595814	4172683	3.25632	LD-EXH
595474	4172703	8.12441	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4172703	7.45975	LD-EXH
595514	4172703	6.90566	LD-EXH
595534	4172703	6.43396	LD-EXH
595554	4172703	6.00988	LD-EXH
595574	4172703	5.62956	LD-EXH
595594	4172703	5.30362	LD-EXH
595614	4172703	4.98182	LD-EXH
595634	4172703	4.71813	LD-EXH
595654	4172703	4.4761	LD-EXH
595674	4172703	4.26002	LD-EXH
595694	4172703	4.06519	LD-EXH
595714	4172703	3.87742	LD-EXH
595734	4172703	3.7144	LD-EXH
595754	4172703	3.55284	LD-EXH
595774	4172703	3.4041	LD-EXH
595794	4172703	3.2663	LD-EXH
595814	4172703	3.13789	LD-EXH
595834	4172703	3.01852	LD-EXH
595294	4172723	25.70303	LD-EXH
595314	4172723	20.83809	LD-EXH
595514	4172723	6.57512	LD-EXH
595534	4172723	6.10668	LD-EXH
595554	4172723	5.70579	LD-EXH
595574	4172723	5.36601	LD-EXH
595594	4172723	5.07078	LD-EXH
595614	4172723	4.77704	LD-EXH
595634	4172723	4.51643	LD-EXH
595654	4172723	4.28863	LD-EXH
595674	4172723	4.09379	LD-EXH
595694	4172723	3.89973	LD-EXH
595714	4172723	3.73034	LD-EXH
595734	4172723	3.56916	LD-EXH
595754	4172723	3.41455	LD-EXH
595774	4172723	3.27477	LD-EXH
595794	4172723	3.12629	LD-EXH
595814	4172723	3.01188	LD-EXH
595834	4172723	2.90458	LD-EXH
595294	4172743	23.62537	LD-EXH
595314	4172743	19.26873	LD-EXH
595334	4172743	16.19801	LD-EXH
595354	4172743	13.95552	LD-EXH
595374	4172743	12.18043	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172743	5.81762	LD-EXH
595554	4172743	5.44138	LD-EXH
595574	4172743	5.10399	LD-EXH
595594	4172743	4.815	LD-EXH
595614	4172743	4.55932	LD-EXH
595634	4172743	4.33403	LD-EXH
595654	4172743	4.11652	LD-EXH
595674	4172743	3.92158	LD-EXH
595694	4172743	3.73816	LD-EXH
595714	4172743	3.57999	LD-EXH
595734	4172743	3.42817	LD-EXH
595754	4172743	3.28214	LD-EXH
595774	4172743	3.13814	LD-EXH
595794	4172743	3.01662	LD-EXH
595814	4172743	2.90832	LD-EXH
595834	4172743	2.80294	LD-EXH
595274	4172763	27.37748	LD-EXH
595294	4172763	21.63098	LD-EXH
595314	4172763	17.72184	LD-EXH
595334	4172763	14.96017	LD-EXH
595354	4172763	12.91957	LD-EXH
595374	4172763	11.29125	LD-EXH
595394	4172763	10.0379	LD-EXH
595414	4172763	9.01853	LD-EXH
595534	4172763	5.51191	LD-EXH
595554	4172763	5.16774	LD-EXH
595574	4172763	4.86427	LD-EXH
595594	4172763	4.59191	LD-EXH
595614	4172763	4.3433	LD-EXH
595634	4172763	4.12155	LD-EXH
595654	4172763	3.9263	LD-EXH
595674	4172763	3.7477	LD-EXH
595694	4172763	3.58015	LD-EXH
595714	4172763	3.43105	LD-EXH
595734	4172763	3.28898	LD-EXH
595754	4172763	3.15318	LD-EXH
595774	4172763	3.0255	LD-EXH
595794	4172763	2.91109	LD-EXH
595814	4172763	2.80494	LD-EXH
594934	4172783	3.15832	LD-EXH
594954	4172783	3.49342	LD-EXH
594974	4172783	3.91169	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595274	4172783	24.59483	LD-EXH
595294	4172783	19.61603	LD-EXH
595314	4172783	16.21325	LD-EXH
595334	4172783	13.73383	LD-EXH
595354	4172783	11.84552	LD-EXH
595374	4172783	10.40857	LD-EXH
595394	4172783	9.28139	LD-EXH
595414	4172783	8.36939	LD-EXH
595434	4172783	7.61684	LD-EXH
595454	4172783	6.9873	LD-EXH
595514	4172783	5.56973	LD-EXH
595534	4172783	5.21378	LD-EXH
595554	4172783	4.89843	LD-EXH
595574	4172783	4.62089	LD-EXH
595594	4172783	4.36852	LD-EXH
595614	4172783	4.14391	LD-EXH
595634	4172783	3.93873	LD-EXH
595654	4172783	3.75241	LD-EXH
595674	4172783	3.57935	LD-EXH
595694	4172783	3.42355	LD-EXH
595714	4172783	3.28956	LD-EXH
595734	4172783	3.159	LD-EXH
595754	4172783	3.03586	LD-EXH
595774	4172783	2.92178	LD-EXH
595794	4172783	2.81437	LD-EXH
595814	4172783	2.70906	LD-EXH
594894	4172803	2.4039	LD-EXH
594914	4172803	2.63345	LD-EXH
594934	4172803	2.91011	LD-EXH
594954	4172803	3.23339	LD-EXH
594974	4172803	3.6311	LD-EXH
595274	4172803	21.84083	LD-EXH
595294	4172803	17.53367	LD-EXH
595314	4172803	14.59336	LD-EXH
595334	4172803	12.46721	LD-EXH
595354	4172803	10.82172	LD-EXH
595374	4172803	9.55559	LD-EXH
595394	4172803	8.55533	LD-EXH
595414	4172803	7.74769	LD-EXH
595434	4172803	7.07414	LD-EXH
595454	4172803	6.50743	LD-EXH
595474	4172803	6.02868	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4172803	5.61442	LD-EXH
595514	4172803	5.24997	LD-EXH
595534	4172803	4.92553	LD-EXH
595554	4172803	4.63731	LD-EXH
595574	4172803	4.38337	LD-EXH
595594	4172803	4.15128	LD-EXH
595614	4172803	3.94537	LD-EXH
595634	4172803	3.75756	LD-EXH
595654	4172803	3.5855	LD-EXH
595674	4172803	3.42744	LD-EXH
595694	4172803	3.27815	LD-EXH
595714	4172803	3.14159	LD-EXH
595734	4172803	3.02137	LD-EXH
595754	4172803	2.90775	LD-EXH
595774	4172803	2.80135	LD-EXH
595794	4172803	2.70035	LD-EXH
595814	4172803	2.60524	LD-EXH
594874	4172823	1.98505	LD-EXH
594894	4172823	2.18183	LD-EXH
594914	4172823	2.40143	LD-EXH
594934	4172823	2.64643	LD-EXH
594954	4172823	2.93722	LD-EXH
595254	4172823	24.678	LD-EXH
595274	4172823	19.10333	LD-EXH
595294	4172823	15.50086	LD-EXH
595314	4172823	13.02815	LD-EXH
595334	4172823	11.19204	LD-EXH
595354	4172823	9.79731	LD-EXH
595374	4172823	8.72466	LD-EXH
595394	4172823	7.85581	LD-EXH
595414	4172823	7.14422	LD-EXH
595434	4172823	6.55578	LD-EXH
595454	4172823	6.05622	LD-EXH
595474	4172823	5.62588	LD-EXH
595494	4172823	5.25598	LD-EXH
595514	4172823	4.93081	LD-EXH
595534	4172823	4.6436	LD-EXH
595554	4172823	4.38657	LD-EXH
595574	4172823	4.15489	LD-EXH
595594	4172823	3.94412	LD-EXH
595614	4172823	3.75475	LD-EXH
595634	4172823	3.58125	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172823	3.42329	LD-EXH
595674	4172823	3.27769	LD-EXH
595694	4172823	3.133	LD-EXH
595714	4172823	2.99725	LD-EXH
595734	4172823	2.89185	LD-EXH
595754	4172823	2.78564	LD-EXH
595774	4172823	2.68612	LD-EXH
595794	4172823	2.5924	LD-EXH
595814	4172823	2.50037	LD-EXH
594874	4172843	1.82676	LD-EXH
594894	4172843	1.95603	LD-EXH
594914	4172843	2.154	LD-EXH
594934	4172843	2.37194	LD-EXH
594954	4172843	2.62027	LD-EXH
595254	4172843	20.77077	LD-EXH
595274	4172843	16.39678	LD-EXH
595294	4172843	13.49921	LD-EXH
595314	4172843	11.48486	LD-EXH
595334	4172843	9.96261	LD-EXH
595354	4172843	8.81612	LD-EXH
595374	4172843	7.91316	LD-EXH
595394	4172843	7.17901	LD-EXH
595414	4172843	6.57486	LD-EXH
595434	4172843	6.06361	LD-EXH
595454	4172843	5.62857	LD-EXH
595474	4172843	5.24723	LD-EXH
595494	4172843	4.92023	LD-EXH
595514	4172843	4.63124	LD-EXH
595534	4172843	4.37149	LD-EXH
595554	4172843	4.14041	LD-EXH
595574	4172843	3.93393	LD-EXH
595594	4172843	3.74427	LD-EXH
595614	4172843	3.56892	LD-EXH
595634	4172843	3.41169	LD-EXH
595654	4172843	3.26643	LD-EXH
595674	4172843	3.13186	LD-EXH
595694	4172843	2.98899	LD-EXH
595714	4172843	2.8843	LD-EXH
595734	4172843	2.77843	LD-EXH
595754	4172843	2.67938	LD-EXH
595774	4172843	2.58637	LD-EXH
595794	4172843	2.49875	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172843	2.41305	LD-EXH
594854	4172863	1.54146	LD-EXH
594874	4172863	1.66083	LD-EXH
594894	4172863	1.76752	LD-EXH
594914	4172863	1.91145	LD-EXH
594934	4172863	2.1072	LD-EXH
595234	4172863	22.17695	LD-EXH
595254	4172863	16.89185	LD-EXH
595274	4172863	13.69972	LD-EXH
595294	4172863	11.58167	LD-EXH
595314	4172863	10.00903	LD-EXH
595334	4172863	8.81906	LD-EXH
595354	4172863	7.8898	LD-EXH
595374	4172863	7.15542	LD-EXH
595394	4172863	6.53897	LD-EXH
595414	4172863	6.03128	LD-EXH
595434	4172863	5.59797	LD-EXH
595454	4172863	5.22693	LD-EXH
595474	4172863	4.89655	LD-EXH
595494	4172863	4.60665	LD-EXH
595514	4172863	4.34825	LD-EXH
595534	4172863	4.1154	LD-EXH
595554	4172863	3.90877	LD-EXH
595574	4172863	3.72514	LD-EXH
595594	4172863	3.55449	LD-EXH
595614	4172863	3.39867	LD-EXH
595634	4172863	3.24905	LD-EXH
595654	4172863	3.11535	LD-EXH
595674	4172863	2.98836	LD-EXH
595694	4172863	2.85966	LD-EXH
595714	4172863	2.76437	LD-EXH
595734	4172863	2.66622	LD-EXH
595754	4172863	2.57416	LD-EXH
595774	4172863	2.48752	LD-EXH
595794	4172863	2.40568	LD-EXH
594854	4172883	1.39042	LD-EXH
594874	4172883	1.48353	LD-EXH
594894	4172883	1.57274	LD-EXH
594914	4172883	1.69694	LD-EXH
595234	4172883	16.60357	LD-EXH
595254	4172883	13.41646	LD-EXH
595274	4172883	11.30761	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595294	4172883	9.81584	LD-EXH
595314	4172883	8.6557	LD-EXH
595334	4172883	7.77531	LD-EXH
595354	4172883	7.06075	LD-EXH
595374	4172883	6.46662	LD-EXH
595394	4172883	5.95749	LD-EXH
595414	4172883	5.53159	LD-EXH
595434	4172883	5.17037	LD-EXH
595454	4172883	4.84591	LD-EXH
595474	4172883	4.56287	LD-EXH
595494	4172883	4.30932	LD-EXH
595514	4172883	4.08487	LD-EXH
595534	4172883	3.87921	LD-EXH
595554	4172883	3.69507	LD-EXH
595574	4172883	3.52822	LD-EXH
595594	4172883	3.37159	LD-EXH
595614	4172883	3.22844	LD-EXH
595634	4172883	3.09685	LD-EXH
595654	4172883	2.97571	LD-EXH
595674	4172883	2.82726	LD-EXH
595694	4172883	2.74685	LD-EXH
595714	4172883	2.64997	LD-EXH
595734	4172883	2.5591	LD-EXH
595754	4172883	2.47364	LD-EXH
595774	4172883	2.39307	LD-EXH
595794	4172883	2.31664	LD-EXH
594854	4172903	1.27456	LD-EXH
594874	4172903	1.35476	LD-EXH
594894	4172903	1.41795	LD-EXH
594914	4172903	1.53983	LD-EXH
595234	4172903	12.27977	LD-EXH
595254	4172903	10.60622	LD-EXH
595274	4172903	9.32869	LD-EXH
595294	4172903	8.32413	LD-EXH
595314	4172903	7.5026	LD-EXH
595334	4172903	6.8518	LD-EXH
595354	4172903	6.292	LD-EXH
595374	4172903	5.82923	LD-EXH
595394	4172903	5.43473	LD-EXH
595414	4172903	5.08397	LD-EXH
595434	4172903	4.77378	LD-EXH
595454	4172903	4.49788	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4172903	4.25242	LD-EXH
595494	4172903	4.03371	LD-EXH
595514	4172903	3.83457	LD-EXH
595534	4172903	3.654	LD-EXH
595554	4172903	3.4921	LD-EXH
595574	4172903	3.34212	LD-EXH
595594	4172903	3.19992	LD-EXH
595614	4172903	3.06972	LD-EXH
595634	4172903	2.95101	LD-EXH
595654	4172903	2.83937	LD-EXH
595674	4172903	2.69711	LD-EXH
595694	4172903	2.63065	LD-EXH
595714	4172903	2.54122	LD-EXH
595734	4172903	2.45715	LD-EXH
595754	4172903	2.37787	LD-EXH
595774	4172903	2.30295	LD-EXH
595794	4172903	2.23181	LD-EXH
594854	4172923	1.15916	LD-EXH
594874	4172923	1.26049	LD-EXH
594894	4172923	1.33665	LD-EXH
594914	4172923	1.44636	LD-EXH
595254	4172923	8.49442	LD-EXH
595274	4172923	7.76006	LD-EXH
595294	4172923	7.10244	LD-EXH
595314	4172923	6.53902	LD-EXH
595334	4172923	6.06605	LD-EXH
595354	4172923	5.63548	LD-EXH
595374	4172923	5.26815	LD-EXH
595394	4172923	4.9473	LD-EXH
595414	4172923	4.66508	LD-EXH
595434	4172923	4.41265	LD-EXH
595454	4172923	4.18133	LD-EXH
595474	4172923	3.9716	LD-EXH
595494	4172923	3.77824	LD-EXH
595514	4172923	3.60405	LD-EXH
595534	4172923	3.44455	LD-EXH
595554	4172923	3.30182	LD-EXH
595574	4172923	3.16615	LD-EXH
595594	4172923	3.03968	LD-EXH
595614	4172923	2.92428	LD-EXH
595634	4172923	2.81486	LD-EXH
595654	4172923	2.68869	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172923	2.60632	LD-EXH
595694	4172923	2.52059	LD-EXH
595714	4172923	2.43813	LD-EXH
595734	4172923	2.36037	LD-EXH
595754	4172923	2.28685	LD-EXH
595774	4172923	2.21714	LD-EXH
595314	4172943	5.73871	LD-EXH
595334	4172943	5.38843	LD-EXH
595354	4172943	5.07184	LD-EXH
595374	4172943	4.78509	LD-EXH
595394	4172943	4.53067	LD-EXH
595414	4172943	4.29501	LD-EXH
595434	4172943	4.0823	LD-EXH
595454	4172943	3.88792	LD-EXH
595474	4172943	3.71035	LD-EXH
595494	4172943	3.54688	LD-EXH
595514	4172943	3.39491	LD-EXH
595534	4172943	3.25424	LD-EXH
595554	4172943	3.12482	LD-EXH
595574	4172943	3.00202	LD-EXH
595594	4172943	2.89003	LD-EXH
595614	4172943	2.78591	LD-EXH
595634	4172943	2.68616	LD-EXH
595654	4172943	2.54204	LD-EXH
595674	4172943	2.48198	LD-EXH
595694	4172943	2.41664	LD-EXH
595714	4172943	2.34048	LD-EXH
595734	4172943	2.2678	LD-EXH
595754	4172943	2.19889	LD-EXH
595774	4172943	2.13278	LD-EXH
595314	4172963	5.04719	LD-EXH
595334	4172963	4.81722	LD-EXH
595354	4172963	4.58261	LD-EXH
595374	4172963	4.36186	LD-EXH
595394	4172963	4.15614	LD-EXH
595414	4172963	3.96467	LD-EXH
595434	4172963	3.78862	LD-EXH
595454	4172963	3.62381	LD-EXH
595474	4172963	3.46868	LD-EXH
595494	4172963	3.32945	LD-EXH
595514	4172963	3.19819	LD-EXH
595534	4172963	3.07532	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172963	2.96015	LD-EXH
595574	4172963	2.8518	LD-EXH
595594	4172963	2.75053	LD-EXH
595614	4172963	2.65634	LD-EXH
595634	4172963	2.55728	LD-EXH
595654	4172963	2.46063	LD-EXH
595674	4172963	2.38454	LD-EXH
595694	4172963	2.309	LD-EXH
595714	4172963	2.23789	LD-EXH
595734	4172963	2.17174	LD-EXH
595754	4172963	2.10896	LD-EXH
595314	4172983	4.45561	LD-EXH
595334	4172983	4.30837	LD-EXH
595354	4172983	4.14656	LD-EXH
595374	4172983	3.98264	LD-EXH
595394	4172983	3.82395	LD-EXH
595414	4172983	3.66947	LD-EXH
595434	4172983	3.52441	LD-EXH
595454	4172983	3.38644	LD-EXH
595474	4172983	3.25365	LD-EXH
595494	4172983	3.13284	LD-EXH
595514	4172983	3.01593	LD-EXH
595534	4172983	2.90828	LD-EXH
595554	4172983	2.8072	LD-EXH
595574	4172983	2.70901	LD-EXH
595594	4172983	2.61864	LD-EXH
595614	4172983	2.53448	LD-EXH
595634	4172983	2.40254	LD-EXH
595654	4172983	2.36724	LD-EXH
595674	4172983	2.29537	LD-EXH
595694	4172983	2.22718	LD-EXH
595714	4172983	2.1624	LD-EXH
595734	4172983	2.10077	LD-EXH
595754	4172983	2.042	LD-EXH
595314	4173003	3.95227	LD-EXH
595334	4173003	3.85716	LD-EXH
595354	4173003	3.75246	LD-EXH
595374	4173003	3.6383	LD-EXH
595394	4173003	3.51825	LD-EXH
595414	4173003	3.39893	LD-EXH
595434	4173003	3.28158	LD-EXH
595454	4173003	3.1681	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4173003	3.05645	LD-EXH
595494	4173003	2.95118	LD-EXH
595514	4173003	2.85028	LD-EXH
595534	4173003	2.75541	LD-EXH
595554	4173003	2.66541	LD-EXH
595574	4173003	2.57728	LD-EXH
595594	4173003	2.49638	LD-EXH
595614	4173003	2.41581	LD-EXH
595634	4173003	2.32914	LD-EXH
595654	4173003	2.26865	LD-EXH
595674	4173003	2.20277	LD-EXH
595694	4173003	2.14004	LD-EXH
595714	4173003	2.08024	LD-EXH
595734	4173003	2.02316	LD-EXH
595294	4173023	3.52973	LD-EXH
595314	4173023	3.50772	LD-EXH
595334	4173023	3.46493	LD-EXH
595354	4173023	3.40182	LD-EXH
595374	4173023	3.32495	LD-EXH
595394	4173023	3.23985	LD-EXH
595414	4173023	3.14983	LD-EXH
595434	4173023	3.05523	LD-EXH
595454	4173023	2.96254	LD-EXH
595474	4173023	2.87114	LD-EXH
595494	4173023	2.78298	LD-EXH
595514	4173023	2.69599	LD-EXH
595534	4173023	2.61307	LD-EXH
595554	4173023	2.533	LD-EXH
595574	4173023	2.45555	LD-EXH
595594	4173023	2.38334	LD-EXH
595614	4173023	2.26572	LD-EXH
595634	4173023	2.239	LD-EXH
595654	4173023	2.1759	LD-EXH
595674	4173023	2.11553	LD-EXH
595694	4173023	2.0578	LD-EXH
595714	4173023	2.00259	LD-EXH
595294	4173043	3.13896	LD-EXH
595314	4173043	3.14144	LD-EXH
595334	4173043	3.12559	LD-EXH
595354	4173043	3.09055	LD-EXH
595374	4173043	3.0423	LD-EXH
595394	4173043	2.98405	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595414	4173043	2.9169	LD-EXH
595434	4173043	2.84548	LD-EXH
595454	4173043	2.77189	LD-EXH
595474	4173043	2.69724	LD-EXH
595494	4173043	2.62447	LD-EXH
595514	4173043	2.55034	LD-EXH
595534	4173043	2.47774	LD-EXH
595554	4173043	2.40825	LD-EXH
595574	4173043	2.34102	LD-EXH
595594	4173043	2.27536	LD-EXH
595614	4173043	2.17349	LD-EXH
595634	4173043	2.14595	LD-EXH
595654	4173043	2.0884	LD-EXH
595674	4173043	2.03313	LD-EXH
595694	4173043	1.98005	LD-EXH
595294	4173063	2.81343	LD-EXH
595314	4173063	2.83186	LD-EXH
595334	4173063	2.83225	LD-EXH
595354	4173063	2.81677	LD-EXH
595374	4173063	2.78847	LD-EXH
595394	4173063	2.74828	LD-EXH
595414	4173063	2.70079	LD-EXH
595434	4173063	2.64853	LD-EXH
595454	4173063	2.59361	LD-EXH
595474	4173063	2.53517	LD-EXH
595494	4173063	2.4762	LD-EXH
595514	4173063	2.41401	LD-EXH
595534	4173063	2.35123	LD-EXH
595554	4173063	2.29124	LD-EXH
595574	4173063	2.23099	LD-EXH
595594	4173063	2.16682	LD-EXH
595614	4173063	2.10552	LD-EXH
595634	4173063	2.05782	LD-EXH
595654	4173063	2.00555	LD-EXH
595354	4173083	2.57615	LD-EXH
595374	4173083	2.56007	LD-EXH
595394	4173083	2.53472	LD-EXH
595414	4173083	2.50281	LD-EXH
595434	4173083	2.46605	LD-EXH
595454	4173083	2.42645	LD-EXH
595474	4173083	2.38261	LD-EXH
595494	4173083	2.33786	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4173083	2.28705	LD-EXH
595534	4173083	2.23091	LD-EXH
595554	4173083	2.18038	LD-EXH
595574	4173083	2.12738	LD-EXH
595594	4173083	2.07644	LD-EXH
595614	4173083	1.96915	LD-EXH
595334	4173103	2.35787	LD-EXH
595354	4173103	2.36388	LD-EXH
595374	4173103	2.35768	LD-EXH
595394	4173103	2.34315	LD-EXH
595414	4173103	2.32288	LD-EXH
595434	4173103	2.29809	LD-EXH
595454	4173103	2.27101	LD-EXH
595474	4173103	2.2395	LD-EXH
595494	4173103	2.20431	LD-EXH
595514	4173103	2.15815	LD-EXH
595534	4173103	2.11684	LD-EXH
595334	4173123	2.16515	LD-EXH
595354	4173123	2.17657	LD-EXH
595374	4173123	2.17812	LD-EXH
595394	4173123	2.17208	LD-EXH
595414	4173123	2.16115	LD-EXH
595434	4173123	2.14571	LD-EXH
595454	4173123	2.12774	LD-EXH
595474	4173123	2.10622	LD-EXH
595494	4173123	2.07808	LD-EXH
595514	4173123	2.04038	LD-EXH
595354	4173143	2.01277	LD-EXH
595374	4173143	2.02017	LD-EXH
595394	4173143	2.02169	LD-EXH
595414	4173143	2.02218	LD-EXH
595434	4173143	2.01195	LD-EXH
595494	4173143	1.95509	LD-EXH
595354	4173163	1.87083	LD-EXH
595374	4173163	1.88115	LD-EXH
595394	4173163	1.88603	LD-EXH
595414	4173163	1.88923	LD-EXH
595434	4173163	1.88373	LD-EXH
595374	4173183	1.75676	LD-EXH
595394	4173183	1.7642	LD-EXH
595414	4173183	1.76761	LD-EXH
595434	4173183	1.76657	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595203.12	4172931.43	8.68955	LD-EXH
595305.29	4173022.49	3.5298	LD-EXH
596059.85	4172738.92	1.91417	LD-EXH
595782.4	4171913.24	5.38702	LD-EXH
595790.49	4171877.76	4.07935	LD-EXH
595826.59	4171700.37	1.58442	LD-EXH
595857.85	4171568.4	0.98941	LD-EXH
595427.66	4172811.08	7.05263	LD-EXH
595616.96	4172890.78	3.14628	LD-EXH
595465.61	4172972.42	3.42346	LD-EXH
595413.93	4172953.11	4.1243	LD-EXH
595207.62	4172857.58	41.20349	LD-EXH
595229.35	4172793.73	47.61851	LD-EXH
595251.41	4172717.21	51.16025	LD-EXH
595276.16	4172654.64	46.94889	LD-EXH
595286.24	4171790.65	1.79279	LD-EXH
595306.24	4171790.65	1.78752	LD-EXH
595326.24	4171790.65	1.78125	LD-EXH
595266.24	4171810.65	1.9551	LD-EXH
595286.24	4171810.65	1.95499	LD-EXH
595306.24	4171810.65	1.95776	LD-EXH
595326.24	4171810.65	1.95406	LD-EXH
595246.24	4171830.65	2.1217	LD-EXH
595266.24	4171830.65	2.13012	LD-EXH
595286.24	4171830.65	2.13778	LD-EXH
595306.24	4171830.65	2.1457	LD-EXH
595326.24	4171830.65	2.14909	LD-EXH
595226.24	4171850.65	2.28929	LD-EXH
595246.24	4171850.65	2.31125	LD-EXH
595266.24	4171850.65	2.32811	LD-EXH
595286.24	4171850.65	2.34296	LD-EXH
595306.24	4171850.65	2.3563	LD-EXH
595326.24	4171850.65	2.3675	LD-EXH
595206.24	4171870.65	2.46409	LD-EXH
595226.24	4171870.65	2.49237	LD-EXH
595246.24	4171870.65	2.51886	LD-EXH
595266.24	4171870.65	2.54278	LD-EXH
595286.24	4171870.65	2.56709	LD-EXH
595306.24	4171870.65	2.59005	LD-EXH
595186.24	4171890.65	2.63814	LD-EXH
595206.24	4171890.65	2.67607	LD-EXH
595226.24	4171890.65	2.71239	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595246.24	4171890.65	2.74862	LD-EXH
595266.24	4171890.65	2.78314	LD-EXH
595286.24	4171890.65	2.81789	LD-EXH
595306.24	4171890.65	2.85162	LD-EXH
595186.24	4171910.65	2.85687	LD-EXH
595206.24	4171910.65	2.90594	LD-EXH
595226.24	4171910.65	2.95537	LD-EXH
595246.24	4171910.65	3.00476	LD-EXH
595266.24	4171910.65	3.053	LD-EXH
595286.24	4171910.65	3.09805	LD-EXH
595306.24	4171910.65	3.14607	LD-EXH
595166.24	4171930.65	3.02844	LD-EXH
595186.24	4171930.65	3.09356	LD-EXH
595206.24	4171930.65	3.1598	LD-EXH
595226.24	4171930.65	3.22252	LD-EXH
595246.24	4171930.65	3.28977	LD-EXH
595266.24	4171930.65	3.35209	LD-EXH
595286.24	4171930.65	3.41442	LD-EXH
595166.24	4171950.65	3.26704	LD-EXH
595186.24	4171950.65	3.3481	LD-EXH
595206.24	4171950.65	3.43137	LD-EXH
595226.24	4171950.65	3.5115	LD-EXH
595246.24	4171950.65	3.59966	LD-EXH
595266.24	4171950.65	3.68391	LD-EXH
595286.24	4171950.65	3.76979	LD-EXH
595146.24	4171970.65	3.41423	LD-EXH
595166.24	4171970.65	3.51271	LD-EXH
595186.24	4171970.65	3.61695	LD-EXH
595206.24	4171970.65	3.72214	LD-EXH
595226.24	4171970.65	3.82736	LD-EXH
595246.24	4171970.65	3.94279	LD-EXH
595266.24	4171970.65	4.05247	LD-EXH
595146.24	4171990.65	3.65764	LD-EXH
595166.24	4171990.65	3.77778	LD-EXH
595186.24	4171990.65	3.90467	LD-EXH
595206.24	4171990.65	4.03422	LD-EXH
595852.66	4171825.33	3.16875	LD-EXH
595852.66	4171845.33	3.57209	LD-EXH
595852.66	4171865.33	4.04431	LD-EXH
595872.66	4171865.33	4.06873	LD-EXH
595892.66	4171865.33	4.05613	LD-EXH
595832.66	4171885.33	4.56501	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595852.66	4171885.33	4.59366	LD-EXH
595872.66	4171885.33	4.57187	LD-EXH
595892.66	4171885.33	4.50801	LD-EXH
595832.66	4171905.33	5.25543	LD-EXH
595852.66	4171905.33	5.22136	LD-EXH
595872.66	4171905.33	5.12722	LD-EXH
595892.66	4171905.33	4.99008	LD-EXH
595912.66	4171905.33	4.82339	LD-EXH
595832.66	4171925.33	6.05672	LD-EXH
595852.66	4171925.33	5.91653	LD-EXH
595872.66	4171925.33	5.7195	LD-EXH
595892.66	4171925.33	5.48917	LD-EXH
595912.66	4171925.33	5.24168	LD-EXH
595852.66	4171945.33	6.66797	LD-EXH
595872.66	4171945.33	6.3349	LD-EXH
595892.66	4171945.33	5.99035	LD-EXH
595912.66	4171945.33	5.64934	LD-EXH
595932.66	4171945.33	5.32135	LD-EXH
595102.43	4172101.44	4.53059	LD-EXH
595122.43	4172101.44	4.77621	LD-EXH
595142.43	4172101.44	5.05051	LD-EXH
595102.43	4172121.44	4.67591	LD-EXH
595122.43	4172121.44	4.94221	LD-EXH
595142.43	4172121.44	5.24921	LD-EXH
595082.43	4172141.44	4.53614	LD-EXH
595102.43	4172141.44	4.79374	LD-EXH
595122.43	4172141.44	5.08572	LD-EXH
595142.43	4172141.44	5.41783	LD-EXH
595082.43	4172161.44	4.62049	LD-EXH
595102.43	4172161.44	4.90158	LD-EXH
595122.43	4172161.44	5.20497	LD-EXH
595142.43	4172161.44	5.55745	LD-EXH
595082.43	4172181.44	4.68839	LD-EXH
595102.43	4172181.44	4.97755	LD-EXH
595122.43	4172181.44	5.30183	LD-EXH
595142.43	4172181.44	5.67093	LD-EXH
595062.43	4172201.44	4.47945	LD-EXH
595082.43	4172201.44	4.74551	LD-EXH
595102.43	4172201.44	5.04801	LD-EXH
595122.43	4172201.44	5.38346	LD-EXH
595142.43	4172201.44	5.7693	LD-EXH
595162.43	4172201.44	6.21268	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595062.43	4172221.44	4.5288	LD-EXH
595082.43	4172221.44	4.80334	LD-EXH
595102.43	4172221.44	5.11783	LD-EXH
595122.43	4172221.44	5.46142	LD-EXH
595142.43	4172221.44	5.85928	LD-EXH
595162.43	4172221.44	6.31802	LD-EXH
595062.43	4172241.44	4.58794	LD-EXH
595082.43	4172241.44	4.87344	LD-EXH
595102.43	4172241.44	5.19119	LD-EXH
595122.43	4172241.44	5.55117	LD-EXH
595142.43	4172241.44	5.97676	LD-EXH
595162.43	4172241.44	6.47324	LD-EXH
595062.43	4172261.44	4.66082	LD-EXH
595082.43	4172261.44	4.96181	LD-EXH
595102.43	4172261.44	5.27399	LD-EXH
595122.43	4172261.44	5.65126	LD-EXH
595142.43	4172261.44	6.10639	LD-EXH
595042.43	4172281.44	4.46092	LD-EXH
595062.43	4172281.44	4.73652	LD-EXH
595082.43	4172281.44	5.04841	LD-EXH
595102.43	4172281.44	5.36565	LD-EXH
595122.43	4172281.44	5.79056	LD-EXH
595142.43	4172281.44	6.25169	LD-EXH
595162.43	4172281.44	6.78259	LD-EXH
595042.43	4172301.44	4.53141	LD-EXH
595062.43	4172301.44	4.82046	LD-EXH
595082.43	4172301.44	5.13438	LD-EXH
595102.43	4172301.44	5.48175	LD-EXH
595122.43	4172301.44	5.91232	LD-EXH
595142.43	4172301.44	6.40465	LD-EXH
595162.43	4172301.44	6.98169	LD-EXH
595042.43	4172321.44	4.61374	LD-EXH
595062.43	4172321.44	4.91534	LD-EXH
595082.43	4172321.44	5.15398	LD-EXH
595102.43	4172321.44	5.60219	LD-EXH
595122.43	4172321.44	6.04648	LD-EXH
595142.43	4172321.44	6.58189	LD-EXH
595162.43	4172321.44	7.19297	LD-EXH
595022.43	4172341.44	4.41793	LD-EXH
595042.43	4172341.44	4.69906	LD-EXH
595062.43	4172341.44	5.01212	LD-EXH
595082.43	4172341.44	5.35833	LD-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595102.43	4172341.44	5.74962	LD-EXH
595122.43	4172341.44	6.20183	LD-EXH
595142.43	4172341.44	6.77187	LD-EXH
595162.43	4172341.44	7.42885	LD-EXH
595509.2	4172311.1	16.13985	LD-EXH
595453.66	4172369.33	18.57555	LD-EXH
595568.33	4173021.18	2.48783	LD-EXH
595515	4172097	22.39463	LD-EXH
595271.59	4172931.11	7.28098	LD-EXH
595259.54	4172956.67	5.94453	LD-EXH
595229.53	4172979.48	4.75654	LD-EXH
595158.78	4172948.61	4.77459	LD-EXH
595424.36	4172061.47	9.73762	LD-EXH
595637.78	4172033.56	20.89589	LD-EXH
595497.98	4172569.45	9.89909	LD-EXH
595440.32	4172695.89	9.70381	LD-EXH
595531.7	4172736.24	5.96653	LD-EXH
595503.43	4172797.49	5.53199	LD-EXH
595293.61	4172706.67	27.66072	LD-EXH
595216.89	4172907.31	12.9783	LD-EXH
595554	4171743	0.18856	CSCO-TRU
595574	4171743	0.18996	CSCO-TRU
595594	4171743	0.18958	CSCO-TRU
595614	4171743	0.19028	CSCO-TRU
595634	4171743	0.1902	CSCO-TRU
595654	4171743	0.1908	CSCO-TRU
595674	4171743	0.19134	CSCO-TRU
595694	4171743	0.19239	CSCO-TRU
595714	4171743	0.19208	CSCO-TRU
595534	4171763	0.19892	CSCO-TRU
595554	4171763	0.1976	CSCO-TRU
595574	4171763	0.1989	CSCO-TRU
595594	4171763	0.19877	CSCO-TRU
595614	4171763	0.19952	CSCO-TRU
595634	4171763	0.20012	CSCO-TRU
595654	4171763	0.20018	CSCO-TRU
595674	4171763	0.20082	CSCO-TRU
595694	4171763	0.201	CSCO-TRU
595714	4171763	0.20184	CSCO-TRU
595734	4171763	0.20407	CSCO-TRU
595754	4171763	0.20493	CSCO-TRU
595774	4171763	0.20621	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4171783	0.21696	CSCO-TRU
595334	4171783	0.21629	CSCO-TRU
595534	4171783	0.20775	CSCO-TRU
595554	4171783	0.20756	CSCO-TRU
595574	4171783	0.20779	CSCO-TRU
595594	4171783	0.20764	CSCO-TRU
595614	4171783	0.208	CSCO-TRU
595634	4171783	0.21005	CSCO-TRU
595654	4171783	0.21043	CSCO-TRU
595674	4171783	0.21122	CSCO-TRU
595694	4171783	0.21087	CSCO-TRU
595714	4171783	0.21325	CSCO-TRU
595734	4171783	0.21446	CSCO-TRU
595754	4171783	0.21544	CSCO-TRU
595774	4171783	0.2173	CSCO-TRU
595794	4171783	0.21947	CSCO-TRU
595274	4171803	0.23131	CSCO-TRU
595294	4171803	0.22953	CSCO-TRU
595314	4171803	0.22837	CSCO-TRU
595334	4171803	0.22734	CSCO-TRU
595534	4171803	0.21811	CSCO-TRU
595554	4171803	0.21783	CSCO-TRU
595574	4171803	0.21952	CSCO-TRU
595594	4171803	0.21978	CSCO-TRU
595614	4171803	0.22028	CSCO-TRU
595634	4171803	0.22089	CSCO-TRU
595654	4171803	0.22058	CSCO-TRU
595674	4171803	0.22113	CSCO-TRU
595694	4171803	0.22195	CSCO-TRU
595714	4171803	0.22461	CSCO-TRU
595734	4171803	0.22577	CSCO-TRU
595754	4171803	0.22684	CSCO-TRU
595774	4171803	0.2294	CSCO-TRU
595794	4171803	0.23202	CSCO-TRU
595814	4171803	0.23532	CSCO-TRU
595254	4171823	0.24669	CSCO-TRU
595274	4171823	0.24385	CSCO-TRU
595294	4171823	0.24187	CSCO-TRU
595314	4171823	0.2407	CSCO-TRU
595334	4171823	0.23962	CSCO-TRU
595514	4171823	0.23125	CSCO-TRU
595534	4171823	0.22944	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4171823	0.22948	CSCO-TRU
595574	4171823	0.23021	CSCO-TRU
595594	4171823	0.23061	CSCO-TRU
595614	4171823	0.23179	CSCO-TRU
595634	4171823	0.23247	CSCO-TRU
595654	4171823	0.23337	CSCO-TRU
595674	4171823	0.23433	CSCO-TRU
595694	4171823	0.23408	CSCO-TRU
595714	4171823	0.23702	CSCO-TRU
595734	4171823	0.23835	CSCO-TRU
595754	4171823	0.24014	CSCO-TRU
595774	4171823	0.24273	CSCO-TRU
595794	4171823	0.24588	CSCO-TRU
595814	4171823	0.24987	CSCO-TRU
595834	4171823	0.25487	CSCO-TRU
595854	4171823	0.26056	CSCO-TRU
595234	4171843	0.26606	CSCO-TRU
595254	4171843	0.26167	CSCO-TRU
595274	4171843	0.25845	CSCO-TRU
595294	4171843	0.25601	CSCO-TRU
595314	4171843	0.25412	CSCO-TRU
595334	4171843	0.25301	CSCO-TRU
595514	4171843	0.24312	CSCO-TRU
595534	4171843	0.24174	CSCO-TRU
595554	4171843	0.24148	CSCO-TRU
595574	4171843	0.2437	CSCO-TRU
595594	4171843	0.24317	CSCO-TRU
595614	4171843	0.24453	CSCO-TRU
595634	4171843	0.24528	CSCO-TRU
595654	4171843	0.2463	CSCO-TRU
595674	4171843	0.2462	CSCO-TRU
595694	4171843	0.24779	CSCO-TRU
595714	4171843	0.25071	CSCO-TRU
595734	4171843	0.25205	CSCO-TRU
595754	4171843	0.25456	CSCO-TRU
595774	4171843	0.25749	CSCO-TRU
595794	4171843	0.26137	CSCO-TRU
595814	4171843	0.26613	CSCO-TRU
595854	4171843	0.27853	CSCO-TRU
595874	4171843	0.28615	CSCO-TRU
595214	4171863	0.28878	CSCO-TRU
595234	4171863	0.28288	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595254	4171863	0.27814	CSCO-TRU
595274	4171863	0.27405	CSCO-TRU
595294	4171863	0.27135	CSCO-TRU
595314	4171863	0.26898	CSCO-TRU
595334	4171863	0.2676	CSCO-TRU
595514	4171863	0.25602	CSCO-TRU
595534	4171863	0.25514	CSCO-TRU
595554	4171863	0.25486	CSCO-TRU
595574	4171863	0.25487	CSCO-TRU
595594	4171863	0.25522	CSCO-TRU
595614	4171863	0.25584	CSCO-TRU
595634	4171863	0.25798	CSCO-TRU
595654	4171863	0.26042	CSCO-TRU
595674	4171863	0.25983	CSCO-TRU
595694	4171863	0.26325	CSCO-TRU
595714	4171863	0.26501	CSCO-TRU
595734	4171863	0.2671	CSCO-TRU
595754	4171863	0.27033	CSCO-TRU
595774	4171863	0.27434	CSCO-TRU
595794	4171863	0.27941	CSCO-TRU
595814	4171863	0.28503	CSCO-TRU
595834	4171863	0.29126	CSCO-TRU
595854	4171863	0.29861	CSCO-TRU
595874	4171863	0.3069	CSCO-TRU
595894	4171863	0.31578	CSCO-TRU
595194	4171883	0.31768	CSCO-TRU
595214	4171883	0.30954	CSCO-TRU
595234	4171883	0.30229	CSCO-TRU
595254	4171883	0.2961	CSCO-TRU
595274	4171883	0.29123	CSCO-TRU
595294	4171883	0.28782	CSCO-TRU
595314	4171883	0.2851	CSCO-TRU
595514	4171883	0.271	CSCO-TRU
595534	4171883	0.27033	CSCO-TRU
595554	4171883	0.26967	CSCO-TRU
595574	4171883	0.26934	CSCO-TRU
595594	4171883	0.26985	CSCO-TRU
595614	4171883	0.27059	CSCO-TRU
595634	4171883	0.27176	CSCO-TRU
595654	4171883	0.27424	CSCO-TRU
595674	4171883	0.27524	CSCO-TRU
595694	4171883	0.27899	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4171883	0.28166	CSCO-TRU
595734	4171883	0.28422	CSCO-TRU
595754	4171883	0.28779	CSCO-TRU
595774	4171883	0.29263	CSCO-TRU
595794	4171883	0.29802	CSCO-TRU
595814	4171883	0.30554	CSCO-TRU
595834	4171883	0.31292	CSCO-TRU
595854	4171883	0.32147	CSCO-TRU
595874	4171883	0.33094	CSCO-TRU
595894	4171883	0.34084	CSCO-TRU
595174	4171903	0.352	CSCO-TRU
595194	4171903	0.34152	CSCO-TRU
595214	4171903	0.33159	CSCO-TRU
595234	4171903	0.32341	CSCO-TRU
595254	4171903	0.31643	CSCO-TRU
595274	4171903	0.31063	CSCO-TRU
595294	4171903	0.30625	CSCO-TRU
595314	4171903	0.30329	CSCO-TRU
595514	4171903	0.28657	CSCO-TRU
595534	4171903	0.28556	CSCO-TRU
595554	4171903	0.28542	CSCO-TRU
595574	4171903	0.28601	CSCO-TRU
595594	4171903	0.28653	CSCO-TRU
595614	4171903	0.28746	CSCO-TRU
595634	4171903	0.28818	CSCO-TRU
595654	4171903	0.29036	CSCO-TRU
595674	4171903	0.29244	CSCO-TRU
595694	4171903	0.29532	CSCO-TRU
595714	4171903	0.29988	CSCO-TRU
595734	4171903	0.30298	CSCO-TRU
595754	4171903	0.30822	CSCO-TRU
595774	4171903	0.31412	CSCO-TRU
595794	4171903	0.32097	CSCO-TRU
595814	4171903	0.32876	CSCO-TRU
595834	4171903	0.33721	CSCO-TRU
595854	4171903	0.34765	CSCO-TRU
595874	4171903	0.35833	CSCO-TRU
595894	4171903	0.36873	CSCO-TRU
595914	4171903	0.37903	CSCO-TRU
595174	4171923	0.37972	CSCO-TRU
595194	4171923	0.36783	CSCO-TRU
595214	4171923	0.35717	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595234	4171923	0.34731	CSCO-TRU
595254	4171923	0.33907	CSCO-TRU
595274	4171923	0.33254	CSCO-TRU
595294	4171923	0.32674	CSCO-TRU
595534	4171923	0.30324	CSCO-TRU
595554	4171923	0.30292	CSCO-TRU
595574	4171923	0.30327	CSCO-TRU
595594	4171923	0.30415	CSCO-TRU
595614	4171923	0.30551	CSCO-TRU
595634	4171923	0.30705	CSCO-TRU
595654	4171923	0.30879	CSCO-TRU
595674	4171923	0.31138	CSCO-TRU
595694	4171923	0.31422	CSCO-TRU
595714	4171923	0.31935	CSCO-TRU
595734	4171923	0.32477	CSCO-TRU
595754	4171923	0.33048	CSCO-TRU
595774	4171923	0.33742	CSCO-TRU
595794	4171923	0.34559	CSCO-TRU
595814	4171923	0.35496	CSCO-TRU
595834	4171923	0.36425	CSCO-TRU
595854	4171923	0.37608	CSCO-TRU
595874	4171923	0.38775	CSCO-TRU
595894	4171923	0.40004	CSCO-TRU
595914	4171923	0.4116	CSCO-TRU
595154	4171943	0.42566	CSCO-TRU
595174	4171943	0.41137	CSCO-TRU
595194	4171943	0.39808	CSCO-TRU
595214	4171943	0.38523	CSCO-TRU
595234	4171943	0.37395	CSCO-TRU
595254	4171943	0.36468	CSCO-TRU
595274	4171943	0.3565	CSCO-TRU
595294	4171943	0.35009	CSCO-TRU
595534	4171943	0.32295	CSCO-TRU
595554	4171943	0.32229	CSCO-TRU
595574	4171943	0.32271	CSCO-TRU
595594	4171943	0.32361	CSCO-TRU
595614	4171943	0.32509	CSCO-TRU
595634	4171943	0.327	CSCO-TRU
595654	4171943	0.32924	CSCO-TRU
595674	4171943	0.33229	CSCO-TRU
595694	4171943	0.3359	CSCO-TRU
595714	4171943	0.34054	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4171943	0.34564	CSCO-TRU
595754	4171943	0.35354	CSCO-TRU
595774	4171943	0.36341	CSCO-TRU
595794	4171943	0.37328	CSCO-TRU
595814	4171943	0.38452	CSCO-TRU
595834	4171943	0.39669	CSCO-TRU
595854	4171943	0.40837	CSCO-TRU
595874	4171943	0.42094	CSCO-TRU
595894	4171943	0.43337	CSCO-TRU
595914	4171943	0.44554	CSCO-TRU
595934	4171943	0.45675	CSCO-TRU
595154	4171963	0.46265	CSCO-TRU
595174	4171963	0.44701	CSCO-TRU
595194	4171963	0.4317	CSCO-TRU
595214	4171963	0.41752	CSCO-TRU
595234	4171963	0.40402	CSCO-TRU
595254	4171963	0.39379	CSCO-TRU
595274	4171963	0.38416	CSCO-TRU
595554	4171963	0.34397	CSCO-TRU
595574	4171963	0.34426	CSCO-TRU
595594	4171963	0.34542	CSCO-TRU
595614	4171963	0.34706	CSCO-TRU
595634	4171963	0.34942	CSCO-TRU
595654	4171963	0.35192	CSCO-TRU
595674	4171963	0.35533	CSCO-TRU
595694	4171963	0.36008	CSCO-TRU
595714	4171963	0.36514	CSCO-TRU
595734	4171963	0.37175	CSCO-TRU
595754	4171963	0.38053	CSCO-TRU
595774	4171963	0.39061	CSCO-TRU
595794	4171963	0.4025	CSCO-TRU
595814	4171963	0.41546	CSCO-TRU
595834	4171963	0.42987	CSCO-TRU
595854	4171963	0.44507	CSCO-TRU
595874	4171963	0.45978	CSCO-TRU
595894	4171963	0.47376	CSCO-TRU
595914	4171963	0.48647	CSCO-TRU
595934	4171963	0.49593	CSCO-TRU
595154	4171983	0.50493	CSCO-TRU
595174	4171983	0.48713	CSCO-TRU
595194	4171983	0.47037	CSCO-TRU
595214	4171983	0.4543	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595234	4171983	0.43958	CSCO-TRU
595254	4171983	0.42506	CSCO-TRU
595574	4171983	0.36833	CSCO-TRU
595754	4172023	0.49061	CSCO-TRU
595774	4172023	0.50731	CSCO-TRU
595794	4172023	0.5271	CSCO-TRU
595814	4172023	0.54616	CSCO-TRU
595834	4172023	0.56358	CSCO-TRU
595714	4172043	0.50577	CSCO-TRU
595734	4172043	0.52335	CSCO-TRU
595754	4172043	0.54368	CSCO-TRU
595774	4172043	0.56317	CSCO-TRU
595794	4172043	0.58398	CSCO-TRU
595814	4172043	0.60536	CSCO-TRU
595834	4172043	0.62651	CSCO-TRU
595854	4172043	0.64562	CSCO-TRU
595874	4172043	0.66207	CSCO-TRU
595894	4172043	0.6756	CSCO-TRU
595914	4172043	0.68672	CSCO-TRU
595934	4172043	0.6922	CSCO-TRU
595714	4172063	0.55515	CSCO-TRU
595734	4172063	0.58019	CSCO-TRU
595754	4172063	0.60105	CSCO-TRU
595774	4172063	0.62379	CSCO-TRU
595794	4172063	0.64739	CSCO-TRU
595814	4172063	0.67058	CSCO-TRU
595834	4172063	0.69268	CSCO-TRU
595854	4172063	0.71202	CSCO-TRU
595874	4172063	0.72832	CSCO-TRU
595894	4172063	0.74132	CSCO-TRU
595914	4172063	0.75143	CSCO-TRU
595934	4172063	0.75837	CSCO-TRU
595714	4172083	0.61354	CSCO-TRU
595734	4172083	0.644	CSCO-TRU
595754	4172083	0.66856	CSCO-TRU
595774	4172083	0.69472	CSCO-TRU
595794	4172083	0.72088	CSCO-TRU
595814	4172083	0.74569	CSCO-TRU
595834	4172083	0.76803	CSCO-TRU
595854	4172083	0.78715	CSCO-TRU
595874	4172083	0.8022	CSCO-TRU
595894	4172083	0.81394	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595914	4172083	0.82187	CSCO-TRU
595934	4172083	0.82678	CSCO-TRU
595114	4172103	0.96675	CSCO-TRU
595134	4172103	0.94609	CSCO-TRU
595714	4172103	0.68318	CSCO-TRU
595734	4172103	0.71889	CSCO-TRU
595754	4172103	0.74759	CSCO-TRU
595774	4172103	0.77716	CSCO-TRU
595794	4172103	0.80529	CSCO-TRU
595814	4172103	0.83135	CSCO-TRU
595834	4172103	0.85335	CSCO-TRU
595854	4172103	0.87117	CSCO-TRU
595874	4172103	0.88477	CSCO-TRU
595894	4172103	0.89433	CSCO-TRU
595914	4172103	0.89974	CSCO-TRU
595934	4172103	0.90162	CSCO-TRU
595094	4172123	1.08299	CSCO-TRU
595114	4172123	1.06945	CSCO-TRU
595134	4172123	1.05106	CSCO-TRU
595694	4172123	0.7342	CSCO-TRU
595714	4172123	0.76883	CSCO-TRU
595734	4172123	0.80776	CSCO-TRU
595754	4172123	0.84093	CSCO-TRU
595774	4172123	0.87374	CSCO-TRU
595794	4172123	0.90387	CSCO-TRU
595814	4172123	0.92983	CSCO-TRU
595834	4172123	0.9502	CSCO-TRU
595854	4172123	0.96574	CSCO-TRU
595874	4172123	0.97713	CSCO-TRU
595894	4172123	0.9832	CSCO-TRU
595914	4172123	0.98534	CSCO-TRU
595934	4172123	0.98364	CSCO-TRU
595094	4172143	1.19265	CSCO-TRU
595114	4172143	1.18384	CSCO-TRU
595134	4172143	1.16922	CSCO-TRU
595694	4172143	0.82908	CSCO-TRU
595714	4172143	0.87545	CSCO-TRU
595734	4172143	0.91344	CSCO-TRU
595754	4172143	0.95045	CSCO-TRU
595774	4172143	0.986	CSCO-TRU
595794	4172143	1.01677	CSCO-TRU
595814	4172143	1.04141	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172143	1.05989	CSCO-TRU
595854	4172143	1.07246	CSCO-TRU
595874	4172143	1.07991	CSCO-TRU
595894	4172143	1.08167	CSCO-TRU
595914	4172143	1.07963	CSCO-TRU
595934	4172143	1.07356	CSCO-TRU
595094	4172163	1.31278	CSCO-TRU
595114	4172163	1.31086	CSCO-TRU
595134	4172163	1.30168	CSCO-TRU
595154	4172163	1.28684	CSCO-TRU
595614	4172163	0.81222	CSCO-TRU
595634	4172163	0.8349	CSCO-TRU
595654	4172163	0.86449	CSCO-TRU
595674	4172163	0.91035	CSCO-TRU
595694	4172163	0.95336	CSCO-TRU
595714	4172163	0.99657	CSCO-TRU
595734	4172163	1.03951	CSCO-TRU
595754	4172163	1.07973	CSCO-TRU
595774	4172163	1.1164	CSCO-TRU
595794	4172163	1.14636	CSCO-TRU
595814	4172163	1.16858	CSCO-TRU
595834	4172163	1.18372	CSCO-TRU
595854	4172163	1.19224	CSCO-TRU
595874	4172163	1.19415	CSCO-TRU
595894	4172163	1.19063	CSCO-TRU
595914	4172163	1.18328	CSCO-TRU
595074	4172183	1.42846	CSCO-TRU
595094	4172183	1.44199	CSCO-TRU
595114	4172183	1.44899	CSCO-TRU
595134	4172183	1.44834	CSCO-TRU
595154	4172183	1.43887	CSCO-TRU
595614	4172183	0.92051	CSCO-TRU
595634	4172183	0.94548	CSCO-TRU
595654	4172183	0.99807	CSCO-TRU
595674	4172183	1.04278	CSCO-TRU
595694	4172183	1.09246	CSCO-TRU
595714	4172183	1.14255	CSCO-TRU
595734	4172183	1.18964	CSCO-TRU
595754	4172183	1.23246	CSCO-TRU
595774	4172183	1.26861	CSCO-TRU
595794	4172183	1.29602	CSCO-TRU
595814	4172183	1.31361	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172183	1.32354	CSCO-TRU
595854	4172183	1.32563	CSCO-TRU
595874	4172183	1.32033	CSCO-TRU
595894	4172183	1.31043	CSCO-TRU
595914	4172183	1.2963	CSCO-TRU
595074	4172203	1.55648	CSCO-TRU
595094	4172203	1.58112	CSCO-TRU
595114	4172203	1.59871	CSCO-TRU
595134	4172203	1.60884	CSCO-TRU
595154	4172203	1.60939	CSCO-TRU
595594	4172203	1.00663	CSCO-TRU
595614	4172203	1.05293	CSCO-TRU
595634	4172203	1.08664	CSCO-TRU
595654	4172203	1.14594	CSCO-TRU
595674	4172203	1.2024	CSCO-TRU
595694	4172203	1.26215	CSCO-TRU
595714	4172203	1.31867	CSCO-TRU
595734	4172203	1.36931	CSCO-TRU
595754	4172203	1.41306	CSCO-TRU
595774	4172203	1.44613	CSCO-TRU
595794	4172203	1.46773	CSCO-TRU
595814	4172203	1.47889	CSCO-TRU
595834	4172203	1.48072	CSCO-TRU
595854	4172203	1.4743	CSCO-TRU
595874	4172203	1.46031	CSCO-TRU
595894	4172203	1.44168	CSCO-TRU
595914	4172203	1.41883	CSCO-TRU
595074	4172223	1.68974	CSCO-TRU
595094	4172223	1.72951	CSCO-TRU
595114	4172223	1.75953	CSCO-TRU
595134	4172223	1.78364	CSCO-TRU
595154	4172223	1.79683	CSCO-TRU
595594	4172223	1.14517	CSCO-TRU
595614	4172223	1.18815	CSCO-TRU
595634	4172223	1.26861	CSCO-TRU
595654	4172223	1.33162	CSCO-TRU
595674	4172223	1.4015	CSCO-TRU
595694	4172223	1.47104	CSCO-TRU
595714	4172223	1.53284	CSCO-TRU
595734	4172223	1.58357	CSCO-TRU
595754	4172223	1.62485	CSCO-TRU
595774	4172223	1.65156	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172223	1.66444	CSCO-TRU
595814	4172223	1.6652	CSCO-TRU
595834	4172223	1.65621	CSCO-TRU
595854	4172223	1.63861	CSCO-TRU
595874	4172223	1.61397	CSCO-TRU
595894	4172223	1.58435	CSCO-TRU
595054	4172243	1.7684	CSCO-TRU
595074	4172243	1.82741	CSCO-TRU
595094	4172243	1.88356	CSCO-TRU
595114	4172243	1.93031	CSCO-TRU
595134	4172243	1.97197	CSCO-TRU
595154	4172243	2.00588	CSCO-TRU
595594	4172243	1.32835	CSCO-TRU
595614	4172243	1.37237	CSCO-TRU
595634	4172243	1.48675	CSCO-TRU
595654	4172243	1.56733	CSCO-TRU
595674	4172243	1.65122	CSCO-TRU
595694	4172243	1.72933	CSCO-TRU
595714	4172243	1.79242	CSCO-TRU
595734	4172243	1.83945	CSCO-TRU
595754	4172243	1.87353	CSCO-TRU
595774	4172243	1.88905	CSCO-TRU
595794	4172243	1.8887	CSCO-TRU
595814	4172243	1.8754	CSCO-TRU
595834	4172243	1.85171	CSCO-TRU
595854	4172243	1.8194	CSCO-TRU
595874	4172243	1.78071	CSCO-TRU
595894	4172243	1.73737	CSCO-TRU
595054	4172263	1.88713	CSCO-TRU
595074	4172263	1.96586	CSCO-TRU
595094	4172263	2.04084	CSCO-TRU
595114	4172263	2.1066	CSCO-TRU
595134	4172263	2.17486	CSCO-TRU
595154	4172263	2.22952	CSCO-TRU
595594	4172263	1.56599	CSCO-TRU
595614	4172263	1.63118	CSCO-TRU
595634	4172263	1.76758	CSCO-TRU
595654	4172263	1.86849	CSCO-TRU
595674	4172263	1.96556	CSCO-TRU
595694	4172263	2.04667	CSCO-TRU
595714	4172263	2.10703	CSCO-TRU
595734	4172263	2.14518	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172263	2.16323	CSCO-TRU
595774	4172263	2.16178	CSCO-TRU
595794	4172263	2.14256	CSCO-TRU
595814	4172263	2.10996	CSCO-TRU
595834	4172263	2.06703	CSCO-TRU
595854	4172263	2.01618	CSCO-TRU
595874	4172263	1.95979	CSCO-TRU
595894	4172263	1.89934	CSCO-TRU
595054	4172283	1.99538	CSCO-TRU
595074	4172283	2.09609	CSCO-TRU
595094	4172283	2.19145	CSCO-TRU
595114	4172283	2.28656	CSCO-TRU
595134	4172283	2.38123	CSCO-TRU
595154	4172283	2.46363	CSCO-TRU
595174	4172283	2.53858	CSCO-TRU
595574	4172283	1.75114	CSCO-TRU
595594	4172283	1.85999	CSCO-TRU
595614	4172283	2.00049	CSCO-TRU
595634	4172283	2.13409	CSCO-TRU
595654	4172283	2.25617	CSCO-TRU
595674	4172283	2.36107	CSCO-TRU
595694	4172283	2.43919	CSCO-TRU
595714	4172283	2.48645	CSCO-TRU
595734	4172283	2.5055	CSCO-TRU
595754	4172283	2.49971	CSCO-TRU
595774	4172283	2.4726	CSCO-TRU
595794	4172283	2.42724	CSCO-TRU
595814	4172283	2.36896	CSCO-TRU
595834	4172283	2.30114	CSCO-TRU
595854	4172283	2.2271	CSCO-TRU
595874	4172283	2.14883	CSCO-TRU
595894	4172283	2.06787	CSCO-TRU
595034	4172303	1.96849	CSCO-TRU
595054	4172303	2.08842	CSCO-TRU
595074	4172303	2.21184	CSCO-TRU
595094	4172303	2.33025	CSCO-TRU
595114	4172303	2.46152	CSCO-TRU
595134	4172303	2.58456	CSCO-TRU
595154	4172303	2.70425	CSCO-TRU
595174	4172303	2.81757	CSCO-TRU
595574	4172303	2.09858	CSCO-TRU
595594	4172303	2.22707	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172303	2.46103	CSCO-TRU
595634	4172303	2.61956	CSCO-TRU
595654	4172303	2.75659	CSCO-TRU
595674	4172303	2.85954	CSCO-TRU
595694	4172303	2.92115	CSCO-TRU
595714	4172303	2.94057	CSCO-TRU
595734	4172303	2.9284	CSCO-TRU
595754	4172303	2.8871	CSCO-TRU
595774	4172303	2.82309	CSCO-TRU
595794	4172303	2.74245	CSCO-TRU
595814	4172303	2.6504	CSCO-TRU
595834	4172303	2.55127	CSCO-TRU
595854	4172303	2.44897	CSCO-TRU
595874	4172303	2.34445	CSCO-TRU
595034	4172323	2.02028	CSCO-TRU
595054	4172323	2.15987	CSCO-TRU
595074	4172323	2.30423	CSCO-TRU
595094	4172323	2.45124	CSCO-TRU
595114	4172323	2.61112	CSCO-TRU
595134	4172323	2.77558	CSCO-TRU
595154	4172323	2.93857	CSCO-TRU
595174	4172323	3.0995	CSCO-TRU
595574	4172323	2.58711	CSCO-TRU
595594	4172323	2.74351	CSCO-TRU
595614	4172323	3.07534	CSCO-TRU
595634	4172323	3.26452	CSCO-TRU
595654	4172323	3.40658	CSCO-TRU
595674	4172323	3.48498	CSCO-TRU
595694	4172323	3.50622	CSCO-TRU
595714	4172323	3.48128	CSCO-TRU
595734	4172323	3.41842	CSCO-TRU
595754	4172323	3.32535	CSCO-TRU
595774	4172323	3.21171	CSCO-TRU
595794	4172323	3.08471	CSCO-TRU
595814	4172323	2.95039	CSCO-TRU
595834	4172323	2.81315	CSCO-TRU
595854	4172323	2.67717	CSCO-TRU
595874	4172323	2.54276	CSCO-TRU
595034	4172343	2.04769	CSCO-TRU
595054	4172343	2.20376	CSCO-TRU
595074	4172343	2.37184	CSCO-TRU
595094	4172343	2.5506	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595114	4172343	2.73793	CSCO-TRU
595134	4172343	2.93906	CSCO-TRU
595154	4172343	3.15107	CSCO-TRU
595574	4172343	3.30041	CSCO-TRU
595594	4172343	3.54155	CSCO-TRU
595614	4172343	3.92228	CSCO-TRU
595634	4172343	4.12067	CSCO-TRU
595654	4172343	4.23479	CSCO-TRU
595674	4172343	4.26292	CSCO-TRU
595694	4172343	4.21724	CSCO-TRU
595714	4172343	4.11539	CSCO-TRU
595734	4172343	3.97563	CSCO-TRU
595754	4172343	3.81151	CSCO-TRU
595774	4172343	3.63293	CSCO-TRU
595794	4172343	3.44775	CSCO-TRU
595814	4172343	3.2622	CSCO-TRU
595834	4172343	3.08132	CSCO-TRU
595854	4172343	2.90628	CSCO-TRU
595874	4172343	2.73742	CSCO-TRU
595554	4172363	3.89807	CSCO-TRU
595574	4172363	4.29874	CSCO-TRU
595594	4172363	4.73004	CSCO-TRU
595614	4172363	5.08999	CSCO-TRU
595634	4172363	5.26387	CSCO-TRU
595654	4172363	5.29692	CSCO-TRU
595674	4172363	5.21239	CSCO-TRU
595694	4172363	5.04903	CSCO-TRU
595714	4172363	4.83476	CSCO-TRU
595734	4172363	4.5915	CSCO-TRU
595754	4172363	4.33499	CSCO-TRU
595774	4172363	4.07558	CSCO-TRU
595794	4172363	3.82093	CSCO-TRU
595814	4172363	3.57556	CSCO-TRU
595834	4172363	3.34618	CSCO-TRU
595854	4172363	3.12765	CSCO-TRU
595874	4172363	2.92319	CSCO-TRU
595554	4172383	5.15818	CSCO-TRU
595574	4172383	5.71649	CSCO-TRU
595594	4172383	6.41121	CSCO-TRU
595614	4172383	6.69426	CSCO-TRU
595634	4172383	6.74431	CSCO-TRU
595654	4172383	6.61115	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172383	6.35061	CSCO-TRU
595694	4172383	6.01592	CSCO-TRU
595714	4172383	5.6396	CSCO-TRU
595734	4172383	5.2552	CSCO-TRU
595754	4172383	4.88086	CSCO-TRU
595774	4172383	4.52369	CSCO-TRU
595794	4172383	4.18869	CSCO-TRU
595814	4172383	3.8776	CSCO-TRU
595834	4172383	3.59101	CSCO-TRU
595854	4172383	3.33046	CSCO-TRU
595554	4172403	7.41089	CSCO-TRU
595574	4172403	8.04913	CSCO-TRU
595594	4172403	8.88247	CSCO-TRU
595614	4172403	8.94055	CSCO-TRU
595634	4172403	8.68806	CSCO-TRU
595654	4172403	8.23708	CSCO-TRU
595674	4172403	7.68338	CSCO-TRU
595694	4172403	7.09868	CSCO-TRU
595714	4172403	6.51601	CSCO-TRU
595734	4172403	5.96109	CSCO-TRU
595754	4172403	5.44309	CSCO-TRU
595774	4172403	4.96813	CSCO-TRU
595794	4172403	4.53535	CSCO-TRU
595814	4172403	4.15489	CSCO-TRU
595834	4172403	3.81336	CSCO-TRU
595854	4172403	3.50713	CSCO-TRU
595074	4172423	2.28638	CSCO-TRU
595094	4172423	2.51702	CSCO-TRU
595554	4172423	11.63871	CSCO-TRU
595574	4172423	12.11183	CSCO-TRU
595594	4172423	12.5032	CSCO-TRU
595614	4172423	11.97378	CSCO-TRU
595634	4172423	11.11926	CSCO-TRU
595654	4172423	10.14035	CSCO-TRU
595674	4172423	9.15954	CSCO-TRU
595694	4172423	8.23069	CSCO-TRU
595714	4172423	7.38476	CSCO-TRU
595734	4172423	6.62656	CSCO-TRU
595754	4172423	5.95169	CSCO-TRU
595774	4172423	5.36473	CSCO-TRU
595794	4172423	4.84711	CSCO-TRU
595814	4172423	4.40826	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172423	4.01671	CSCO-TRU
595854	4172423	3.66299	CSCO-TRU
595074	4172443	2.17332	CSCO-TRU
595094	4172443	2.39866	CSCO-TRU
595114	4172443	2.65807	CSCO-TRU
595134	4172443	2.96103	CSCO-TRU
595534	4172443	16.24947	CSCO-TRU
595554	4172443	18.4523	CSCO-TRU
595574	4172443	18.77213	CSCO-TRU
595594	4172443	17.6199	CSCO-TRU
595614	4172443	15.81969	CSCO-TRU
595634	4172443	13.93672	CSCO-TRU
595654	4172443	12.1865	CSCO-TRU
595674	4172443	10.64811	CSCO-TRU
595694	4172443	9.31751	CSCO-TRU
595714	4172443	8.17371	CSCO-TRU
595734	4172443	7.19939	CSCO-TRU
595754	4172443	6.38159	CSCO-TRU
595774	4172443	5.68374	CSCO-TRU
595794	4172443	5.08602	CSCO-TRU
595814	4172443	4.58954	CSCO-TRU
595834	4172443	4.1557	CSCO-TRU
595854	4172443	3.77534	CSCO-TRU
595054	4172463	1.84434	CSCO-TRU
595074	4172463	2.02688	CSCO-TRU
595094	4172463	2.23749	CSCO-TRU
595114	4172463	2.48259	CSCO-TRU
595534	4172463	31.21734	CSCO-TRU
595554	4172463	31.2965	CSCO-TRU
595574	4172463	28.48272	CSCO-TRU
595594	4172463	24.20554	CSCO-TRU
595614	4172463	20.16858	CSCO-TRU
595634	4172463	16.81529	CSCO-TRU
595654	4172463	14.10531	CSCO-TRU
595674	4172463	11.94685	CSCO-TRU
595694	4172463	10.20706	CSCO-TRU
595714	4172463	8.79838	CSCO-TRU
595734	4172463	7.64406	CSCO-TRU
595754	4172463	6.69555	CSCO-TRU
595774	4172463	5.90643	CSCO-TRU
595794	4172463	5.24045	CSCO-TRU
595814	4172463	4.70144	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172463	4.23196	CSCO-TRU
595054	4172483	1.66994	CSCO-TRU
595074	4172483	1.84752	CSCO-TRU
595094	4172483	2.03904	CSCO-TRU
595114	4172483	2.26115	CSCO-TRU
595534	4172483	68.30192	CSCO-TRU
595554	4172483	53.37796	CSCO-TRU
595574	4172483	41.03405	CSCO-TRU
595594	4172483	31.18542	CSCO-TRU
595614	4172483	24.31917	CSCO-TRU
595634	4172483	19.27416	CSCO-TRU
595654	4172483	15.57514	CSCO-TRU
595674	4172483	12.85149	CSCO-TRU
595694	4172483	10.78093	CSCO-TRU
595714	4172483	9.16703	CSCO-TRU
595734	4172483	7.88564	CSCO-TRU
595754	4172483	6.84965	CSCO-TRU
595774	4172483	6.0023	CSCO-TRU
595794	4172483	5.3033	CSCO-TRU
595814	4172483	4.73126	CSCO-TRU
595834	4172483	4.24471	CSCO-TRU
595034	4172503	1.37834	CSCO-TRU
595054	4172503	1.4994	CSCO-TRU
595074	4172503	1.64378	CSCO-TRU
595094	4172503	1.81083	CSCO-TRU
595114	4172503	2.00728	CSCO-TRU
595534	4172503	123.98962	CSCO-TRU
595554	4172503	75.41357	CSCO-TRU
595574	4172503	50.62333	CSCO-TRU
595594	4172503	35.77089	CSCO-TRU
595614	4172503	26.59926	CSCO-TRU
595634	4172503	20.46811	CSCO-TRU
595654	4172503	16.24127	CSCO-TRU
595674	4172503	13.27065	CSCO-TRU
595694	4172503	10.94107	CSCO-TRU
595714	4172503	9.22982	CSCO-TRU
595734	4172503	7.88911	CSCO-TRU
595754	4172503	6.82932	CSCO-TRU
595774	4172503	5.96351	CSCO-TRU
595794	4172503	5.2486	CSCO-TRU
595814	4172503	4.6743	CSCO-TRU
595834	4172503	4.18703	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595034	4172523	1.21315	CSCO-TRU
595054	4172523	1.3189	CSCO-TRU
595074	4172523	1.43953	CSCO-TRU
595094	4172523	1.57375	CSCO-TRU
595514	4172523	271.03135	CSCO-TRU
595534	4172523	135.93172	CSCO-TRU
595554	4172523	80.01484	CSCO-TRU
595574	4172523	49.3994	CSCO-TRU
595594	4172523	33.70175	CSCO-TRU
595614	4172523	25.2893	CSCO-TRU
595634	4172523	19.89646	CSCO-TRU
595654	4172523	15.8694	CSCO-TRU
595674	4172523	12.82668	CSCO-TRU
595694	4172523	10.65682	CSCO-TRU
595714	4172523	8.97758	CSCO-TRU
595734	4172523	7.66836	CSCO-TRU
595754	4172523	6.62736	CSCO-TRU
595774	4172523	5.78892	CSCO-TRU
595794	4172523	5.09617	CSCO-TRU
595814	4172523	4.53685	CSCO-TRU
595834	4172523	4.06448	CSCO-TRU
595034	4172543	1.05446	CSCO-TRU
595054	4172543	1.14124	CSCO-TRU
595074	4172543	1.2381	CSCO-TRU
595094	4172543	1.35008	CSCO-TRU
595514	4172543	193.66414	CSCO-TRU
595534	4172543	106.30969	CSCO-TRU
595554	4172543	66.68128	CSCO-TRU
595574	4172543	42.24039	CSCO-TRU
595594	4172543	30.04573	CSCO-TRU
595614	4172543	22.67099	CSCO-TRU
595634	4172543	17.91446	CSCO-TRU
595654	4172543	14.48158	CSCO-TRU
595674	4172543	11.68915	CSCO-TRU
595694	4172543	9.80461	CSCO-TRU
595714	4172543	8.36424	CSCO-TRU
595734	4172543	7.2187	CSCO-TRU
595754	4172543	6.26753	CSCO-TRU
595774	4172543	5.49809	CSCO-TRU
595794	4172543	4.85626	CSCO-TRU
595814	4172543	4.32908	CSCO-TRU
595014	4172563	0.85088	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595034	4172563	0.91207	CSCO-TRU
595054	4172563	0.9807	CSCO-TRU
595074	4172563	1.05726	CSCO-TRU
595094	4172563	1.1461	CSCO-TRU
595514	4172563	103.57658	CSCO-TRU
595534	4172563	68.88836	CSCO-TRU
595554	4172563	48.08263	CSCO-TRU
595574	4172563	33.05349	CSCO-TRU
595594	4172563	24.74466	CSCO-TRU
595614	4172563	19.3137	CSCO-TRU
595634	4172563	15.71334	CSCO-TRU
595654	4172563	12.69311	CSCO-TRU
595674	4172563	10.48675	CSCO-TRU
595694	4172563	8.85948	CSCO-TRU
595714	4172563	7.58726	CSCO-TRU
595734	4172563	6.59399	CSCO-TRU
595754	4172563	5.79582	CSCO-TRU
595774	4172563	5.1116	CSCO-TRU
595794	4172563	4.54337	CSCO-TRU
595814	4172563	4.06871	CSCO-TRU
595014	4172583	0.74026	CSCO-TRU
595034	4172583	0.78908	CSCO-TRU
595054	4172583	0.84448	CSCO-TRU
595074	4172583	0.90534	CSCO-TRU
595494	4172583	48.78257	CSCO-TRU
595514	4172583	50.92535	CSCO-TRU
595534	4172583	41.78108	CSCO-TRU
595554	4172583	32.5484	CSCO-TRU
595574	4172583	24.8801	CSCO-TRU
595594	4172583	19.72011	CSCO-TRU
595614	4172583	16.10745	CSCO-TRU
595634	4172583	13.21724	CSCO-TRU
595654	4172583	10.8916	CSCO-TRU
595674	4172583	9.19483	CSCO-TRU
595694	4172583	7.86763	CSCO-TRU
595714	4172583	6.81015	CSCO-TRU
595734	4172583	5.98229	CSCO-TRU
595754	4172583	5.2767	CSCO-TRU
595774	4172583	4.69261	CSCO-TRU
595794	4172583	4.19767	CSCO-TRU
595814	4172583	3.77798	CSCO-TRU
595034	4172603	0.68936	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595054	4172603	0.73363	CSCO-TRU
595074	4172603	0.78355	CSCO-TRU
595494	4172603	24.9571	CSCO-TRU
595514	4172603	27.49369	CSCO-TRU
595534	4172603	26.49855	CSCO-TRU
595554	4172603	22.87951	CSCO-TRU
595574	4172603	18.68771	CSCO-TRU
595594	4172603	15.60646	CSCO-TRU
595614	4172603	13.2859	CSCO-TRU
595634	4172603	11.14092	CSCO-TRU
595654	4172603	9.32138	CSCO-TRU
595674	4172603	7.99113	CSCO-TRU
595694	4172603	6.92273	CSCO-TRU
595714	4172603	6.05465	CSCO-TRU
595734	4172603	5.36443	CSCO-TRU
595754	4172603	4.7548	CSCO-TRU
595774	4172603	4.27093	CSCO-TRU
595794	4172603	3.84339	CSCO-TRU
595474	4172623	11.7613	CSCO-TRU
595494	4172623	15.81597	CSCO-TRU
595514	4172623	17.50482	CSCO-TRU
595534	4172623	17.80975	CSCO-TRU
595554	4172623	16.38283	CSCO-TRU
595574	4172623	14.61347	CSCO-TRU
595594	4172623	12.68115	CSCO-TRU
595614	4172623	10.75513	CSCO-TRU
595634	4172623	9.33334	CSCO-TRU
595654	4172623	8.05895	CSCO-TRU
595674	4172623	6.99835	CSCO-TRU
595694	4172623	6.09434	CSCO-TRU
595714	4172623	5.39154	CSCO-TRU
595734	4172623	4.78331	CSCO-TRU
595754	4172623	4.2942	CSCO-TRU
595774	4172623	3.87306	CSCO-TRU
595794	4172623	3.50478	CSCO-TRU
595814	4172623	3.18766	CSCO-TRU
595474	4172643	8.37077	CSCO-TRU
595494	4172643	10.20905	CSCO-TRU
595514	4172643	12.10342	CSCO-TRU
595534	4172643	12.53158	CSCO-TRU
595554	4172643	12.04445	CSCO-TRU
595574	4172643	11.02111	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172643	9.9168	CSCO-TRU
595614	4172643	8.99662	CSCO-TRU
595634	4172643	7.79949	CSCO-TRU
595654	4172643	6.9421	CSCO-TRU
595674	4172643	6.1111	CSCO-TRU
595694	4172643	5.4046	CSCO-TRU
595714	4172643	4.80774	CSCO-TRU
595734	4172643	4.2952	CSCO-TRU
595754	4172643	3.88656	CSCO-TRU
595774	4172643	3.51397	CSCO-TRU
595794	4172643	3.19611	CSCO-TRU
595814	4172643	2.92043	CSCO-TRU
595474	4172663	6.33059	CSCO-TRU
595494	4172663	7.51018	CSCO-TRU
595514	4172663	8.75396	CSCO-TRU
595534	4172663	9.26189	CSCO-TRU
595554	4172663	9.16461	CSCO-TRU
595574	4172663	8.65502	CSCO-TRU
595594	4172663	8.01719	CSCO-TRU
595614	4172663	7.34283	CSCO-TRU
595634	4172663	6.58466	CSCO-TRU
595654	4172663	5.935	CSCO-TRU
595674	4172663	5.32041	CSCO-TRU
595694	4172663	4.81436	CSCO-TRU
595714	4172663	4.28608	CSCO-TRU
595734	4172663	3.87828	CSCO-TRU
595754	4172663	3.52905	CSCO-TRU
595774	4172663	3.20255	CSCO-TRU
595794	4172663	2.9254	CSCO-TRU
595814	4172663	2.68355	CSCO-TRU
595454	4172683	4.15688	CSCO-TRU
595474	4172683	4.92425	CSCO-TRU
595494	4172683	5.80655	CSCO-TRU
595514	4172683	6.63865	CSCO-TRU
595534	4172683	7.1023	CSCO-TRU
595554	4172683	7.17611	CSCO-TRU
595574	4172683	6.94254	CSCO-TRU
595594	4172683	6.63342	CSCO-TRU
595614	4172683	6.07776	CSCO-TRU
595634	4172683	5.60359	CSCO-TRU
595654	4172683	5.13254	CSCO-TRU
595674	4172683	4.67246	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172683	4.29291	CSCO-TRU
595714	4172683	3.86983	CSCO-TRU
595734	4172683	3.53721	CSCO-TRU
595754	4172683	3.209	CSCO-TRU
595774	4172683	2.91901	CSCO-TRU
595794	4172683	2.68298	CSCO-TRU
595814	4172683	2.47159	CSCO-TRU
595474	4172703	3.94711	CSCO-TRU
595494	4172703	4.53542	CSCO-TRU
595514	4172703	5.13315	CSCO-TRU
595534	4172703	5.59034	CSCO-TRU
595554	4172703	5.75567	CSCO-TRU
595574	4172703	5.66201	CSCO-TRU
595594	4172703	5.48655	CSCO-TRU
595614	4172703	5.11067	CSCO-TRU
595634	4172703	4.78621	CSCO-TRU
595654	4172703	4.44251	CSCO-TRU
595674	4172703	4.11278	CSCO-TRU
595694	4172703	3.78791	CSCO-TRU
595714	4172703	3.46882	CSCO-TRU
595734	4172703	3.21495	CSCO-TRU
595754	4172703	2.93312	CSCO-TRU
595774	4172703	2.6903	CSCO-TRU
595794	4172703	2.4762	CSCO-TRU
595814	4172703	2.28696	CSCO-TRU
595834	4172703	2.12123	CSCO-TRU
595294	4172723	1.19081	CSCO-TRU
595314	4172723	1.30173	CSCO-TRU
595514	4172723	4.1753	CSCO-TRU
595534	4172723	4.48328	CSCO-TRU
595554	4172723	4.64842	CSCO-TRU
595574	4172723	4.67703	CSCO-TRU
595594	4172723	4.62604	CSCO-TRU
595614	4172723	4.37478	CSCO-TRU
595634	4172723	4.11623	CSCO-TRU
595654	4172723	3.86521	CSCO-TRU
595674	4172723	3.63893	CSCO-TRU
595694	4172723	3.36584	CSCO-TRU
595714	4172723	3.1446	CSCO-TRU
595734	4172723	2.91085	CSCO-TRU
595754	4172723	2.6758	CSCO-TRU
595774	4172723	2.47356	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172723	2.27049	CSCO-TRU
595814	4172723	2.11039	CSCO-TRU
595834	4172723	1.96655	CSCO-TRU
595294	4172743	1.08654	CSCO-TRU
595314	4172743	1.17361	CSCO-TRU
595334	4172743	1.27818	CSCO-TRU
595354	4172743	1.42141	CSCO-TRU
595374	4172743	1.57689	CSCO-TRU
595534	4172743	3.73751	CSCO-TRU
595554	4172743	3.89387	CSCO-TRU
595574	4172743	3.9127	CSCO-TRU
595594	4172743	3.85212	CSCO-TRU
595614	4172743	3.73268	CSCO-TRU
595634	4172743	3.60549	CSCO-TRU
595654	4172743	3.40341	CSCO-TRU
595674	4172743	3.20507	CSCO-TRU
595694	4172743	2.99418	CSCO-TRU
595714	4172743	2.82334	CSCO-TRU
595734	4172743	2.63671	CSCO-TRU
595754	4172743	2.44486	CSCO-TRU
595774	4172743	2.25979	CSCO-TRU
595794	4172743	2.10768	CSCO-TRU
595814	4172743	1.969	CSCO-TRU
595834	4172743	1.84101	CSCO-TRU
595274	4172763	0.92349	CSCO-TRU
595294	4172763	0.99155	CSCO-TRU
595314	4172763	1.0627	CSCO-TRU
595334	4172763	1.15622	CSCO-TRU
595354	4172763	1.2799	CSCO-TRU
595374	4172763	1.40363	CSCO-TRU
595394	4172763	1.55959	CSCO-TRU
595414	4172763	1.72923	CSCO-TRU
595534	4172763	3.13028	CSCO-TRU
595554	4172763	3.2835	CSCO-TRU
595574	4172763	3.34617	CSCO-TRU
595594	4172763	3.31872	CSCO-TRU
595614	4172763	3.2204	CSCO-TRU
595634	4172763	3.09286	CSCO-TRU
595654	4172763	2.96134	CSCO-TRU
595674	4172763	2.82108	CSCO-TRU
595694	4172763	2.66878	CSCO-TRU
595714	4172763	2.53001	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172763	2.38267	CSCO-TRU
595754	4172763	2.2314	CSCO-TRU
595774	4172763	2.08625	CSCO-TRU
595794	4172763	1.95758	CSCO-TRU
595814	4172763	1.83796	CSCO-TRU
594934	4172783	0.27808	CSCO-TRU
594954	4172783	0.29181	CSCO-TRU
594974	4172783	0.30766	CSCO-TRU
595274	4172783	0.84491	CSCO-TRU
595294	4172783	0.90388	CSCO-TRU
595314	4172783	0.97731	CSCO-TRU
595334	4172783	1.06033	CSCO-TRU
595354	4172783	1.15107	CSCO-TRU
595374	4172783	1.26105	CSCO-TRU
595394	4172783	1.3842	CSCO-TRU
595414	4172783	1.51906	CSCO-TRU
595434	4172783	1.67247	CSCO-TRU
595454	4172783	1.85391	CSCO-TRU
595514	4172783	2.47098	CSCO-TRU
595534	4172783	2.66116	CSCO-TRU
595554	4172783	2.80041	CSCO-TRU
595574	4172783	2.87578	CSCO-TRU
595594	4172783	2.87401	CSCO-TRU
595614	4172783	2.82249	CSCO-TRU
595634	4172783	2.73207	CSCO-TRU
595654	4172783	2.62343	CSCO-TRU
595674	4172783	2.50076	CSCO-TRU
595694	4172783	2.38146	CSCO-TRU
595714	4172783	2.28086	CSCO-TRU
595734	4172783	2.16747	CSCO-TRU
595754	4172783	2.05193	CSCO-TRU
595774	4172783	1.94169	CSCO-TRU
595794	4172783	1.83398	CSCO-TRU
595814	4172783	1.72155	CSCO-TRU
594894	4172803	0.24412	CSCO-TRU
594914	4172803	0.25615	CSCO-TRU
594934	4172803	0.26946	CSCO-TRU
594954	4172803	0.28336	CSCO-TRU
594974	4172803	0.29865	CSCO-TRU
595274	4172803	0.7727	CSCO-TRU
595294	4172803	0.82322	CSCO-TRU
595314	4172803	0.88876	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595334	4172803	0.97236	CSCO-TRU
595354	4172803	1.05265	CSCO-TRU
595374	4172803	1.14462	CSCO-TRU
595394	4172803	1.24439	CSCO-TRU
595414	4172803	1.35495	CSCO-TRU
595434	4172803	1.47765	CSCO-TRU
595454	4172803	1.61934	CSCO-TRU
595474	4172803	1.78364	CSCO-TRU
595494	4172803	1.96036	CSCO-TRU
595514	4172803	2.13589	CSCO-TRU
595534	4172803	2.29261	CSCO-TRU
595554	4172803	2.41552	CSCO-TRU
595574	4172803	2.49291	CSCO-TRU
595594	4172803	2.5084	CSCO-TRU
595614	4172803	2.48244	CSCO-TRU
595634	4172803	2.42183	CSCO-TRU
595654	4172803	2.3402	CSCO-TRU
595674	4172803	2.24778	CSCO-TRU
595694	4172803	2.1445	CSCO-TRU
595714	4172803	2.04337	CSCO-TRU
595734	4172803	1.953	CSCO-TRU
595754	4172803	1.86096	CSCO-TRU
595774	4172803	1.77045	CSCO-TRU
595794	4172803	1.68052	CSCO-TRU
595814	4172803	1.59347	CSCO-TRU
594874	4172823	0.22663	CSCO-TRU
594894	4172823	0.23764	CSCO-TRU
594914	4172823	0.24942	CSCO-TRU
594934	4172823	0.26197	CSCO-TRU
594954	4172823	0.27525	CSCO-TRU
595254	4172823	0.67098	CSCO-TRU
595274	4172823	0.71103	CSCO-TRU
595294	4172823	0.75951	CSCO-TRU
595314	4172823	0.82257	CSCO-TRU
595334	4172823	0.89031	CSCO-TRU
595354	4172823	0.96331	CSCO-TRU
595374	4172823	1.04462	CSCO-TRU
595394	4172823	1.12741	CSCO-TRU
595414	4172823	1.21684	CSCO-TRU
595434	4172823	1.32015	CSCO-TRU
595454	4172823	1.43752	CSCO-TRU
595474	4172823	1.5671	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4172823	1.70917	CSCO-TRU
595514	4172823	1.85383	CSCO-TRU
595534	4172823	1.99168	CSCO-TRU
595554	4172823	2.10545	CSCO-TRU
595574	4172823	2.1803	CSCO-TRU
595594	4172823	2.20863	CSCO-TRU
595614	4172823	2.19887	CSCO-TRU
595634	4172823	2.15694	CSCO-TRU
595654	4172823	2.09668	CSCO-TRU
595674	4172823	2.02472	CSCO-TRU
595694	4172823	1.932	CSCO-TRU
595714	4172823	1.85043	CSCO-TRU
595734	4172823	1.77638	CSCO-TRU
595754	4172823	1.69948	CSCO-TRU
595774	4172823	1.62365	CSCO-TRU
595794	4172823	1.54924	CSCO-TRU
595814	4172823	1.47555	CSCO-TRU
594874	4172843	0.22152	CSCO-TRU
594894	4172843	0.2315	CSCO-TRU
594914	4172843	0.24281	CSCO-TRU
594934	4172843	0.25478	CSCO-TRU
594954	4172843	0.26729	CSCO-TRU
595254	4172843	0.62083	CSCO-TRU
595274	4172843	0.66008	CSCO-TRU
595294	4172843	0.70626	CSCO-TRU
595314	4172843	0.76403	CSCO-TRU
595334	4172843	0.82131	CSCO-TRU
595354	4172843	0.886	CSCO-TRU
595374	4172843	0.954	CSCO-TRU
595394	4172843	1.02464	CSCO-TRU
595414	4172843	1.1026	CSCO-TRU
595434	4172843	1.18911	CSCO-TRU
595454	4172843	1.28787	CSCO-TRU
595474	4172843	1.39333	CSCO-TRU
595494	4172843	1.51057	CSCO-TRU
595514	4172843	1.63089	CSCO-TRU
595534	4172843	1.74472	CSCO-TRU
595554	4172843	1.84474	CSCO-TRU
595574	4172843	1.91926	CSCO-TRU
595594	4172843	1.95611	CSCO-TRU
595614	4172843	1.9554	CSCO-TRU
595634	4172843	1.93093	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172843	1.88618	CSCO-TRU
595674	4172843	1.82907	CSCO-TRU
595694	4172843	1.70459	CSCO-TRU
595714	4172843	1.6903	CSCO-TRU
595734	4172843	1.62615	CSCO-TRU
595754	4172843	1.56191	CSCO-TRU
595774	4172843	1.49819	CSCO-TRU
595794	4172843	1.4355	CSCO-TRU
595814	4172843	1.37355	CSCO-TRU
594854	4172863	0.20702	CSCO-TRU
594874	4172863	0.21642	CSCO-TRU
594894	4172863	0.22575	CSCO-TRU
594914	4172863	0.23608	CSCO-TRU
594934	4172863	0.2476	CSCO-TRU
595234	4172863	0.54707	CSCO-TRU
595254	4172863	0.57696	CSCO-TRU
595274	4172863	0.61339	CSCO-TRU
595294	4172863	0.66001	CSCO-TRU
595314	4172863	0.70967	CSCO-TRU
595334	4172863	0.76216	CSCO-TRU
595354	4172863	0.81679	CSCO-TRU
595374	4172863	0.87579	CSCO-TRU
595394	4172863	0.9346	CSCO-TRU
595414	4172863	1.00161	CSCO-TRU
595434	4172863	1.07663	CSCO-TRU
595454	4172863	1.16257	CSCO-TRU
595474	4172863	1.25239	CSCO-TRU
595494	4172863	1.34879	CSCO-TRU
595514	4172863	1.44766	CSCO-TRU
595534	4172863	1.54336	CSCO-TRU
595554	4172863	1.63148	CSCO-TRU
595574	4172863	1.70292	CSCO-TRU
595594	4172863	1.74374	CSCO-TRU
595614	4172863	1.75636	CSCO-TRU
595634	4172863	1.73628	CSCO-TRU
595654	4172863	1.70321	CSCO-TRU
595674	4172863	1.65455	CSCO-TRU
595694	4172863	1.596	CSCO-TRU
595714	4172863	1.54622	CSCO-TRU
595734	4172863	1.49258	CSCO-TRU
595754	4172863	1.43848	CSCO-TRU
595774	4172863	1.38452	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172863	1.33108	CSCO-TRU
594854	4172883	0.20198	CSCO-TRU
594874	4172883	0.21063	CSCO-TRU
594894	4172883	0.21976	CSCO-TRU
594914	4172883	0.2296	CSCO-TRU
595234	4172883	0.51124	CSCO-TRU
595254	4172883	0.54005	CSCO-TRU
595274	4172883	0.57479	CSCO-TRU
595294	4172883	0.61647	CSCO-TRU
595314	4172883	0.66001	CSCO-TRU
595334	4172883	0.70851	CSCO-TRU
595354	4172883	0.75828	CSCO-TRU
595374	4172883	0.80862	CSCO-TRU
595394	4172883	0.85843	CSCO-TRU
595414	4172883	0.91547	CSCO-TRU
595434	4172883	0.98223	CSCO-TRU
595454	4172883	1.0519	CSCO-TRU
595474	4172883	1.12941	CSCO-TRU
595494	4172883	1.21043	CSCO-TRU
595514	4172883	1.29636	CSCO-TRU
595534	4172883	1.37916	CSCO-TRU
595554	4172883	1.45706	CSCO-TRU
595574	4172883	1.52107	CSCO-TRU
595594	4172883	1.56002	CSCO-TRU
595614	4172883	1.57604	CSCO-TRU
595634	4172883	1.57069	CSCO-TRU
595654	4172883	1.54903	CSCO-TRU
595674	4172883	1.49653	CSCO-TRU
595694	4172883	1.46243	CSCO-TRU
595714	4172883	1.41913	CSCO-TRU
595734	4172883	1.37401	CSCO-TRU
595754	4172883	1.32816	CSCO-TRU
595774	4172883	1.28223	CSCO-TRU
595794	4172883	1.23633	CSCO-TRU
594854	4172903	0.19707	CSCO-TRU
594874	4172903	0.20529	CSCO-TRU
594894	4172903	0.21397	CSCO-TRU
594914	4172903	0.2234	CSCO-TRU
595234	4172903	0.48012	CSCO-TRU
595254	4172903	0.50805	CSCO-TRU
595274	4172903	0.54117	CSCO-TRU
595294	4172903	0.57845	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4172903	0.61717	CSCO-TRU
595334	4172903	0.65926	CSCO-TRU
595354	4172903	0.70021	CSCO-TRU
595374	4172903	0.7444	CSCO-TRU
595394	4172903	0.7927	CSCO-TRU
595414	4172903	0.84322	CSCO-TRU
595434	4172903	0.89827	CSCO-TRU
595454	4172903	0.95823	CSCO-TRU
595474	4172903	1.02333	CSCO-TRU
595494	4172903	1.09331	CSCO-TRU
595514	4172903	1.16508	CSCO-TRU
595534	4172903	1.23739	CSCO-TRU
595554	4172903	1.30752	CSCO-TRU
595574	4172903	1.36564	CSCO-TRU
595594	4172903	1.4035	CSCO-TRU
595614	4172903	1.42282	CSCO-TRU
595634	4172903	1.42485	CSCO-TRU
595654	4172903	1.40991	CSCO-TRU
595674	4172903	1.36909	CSCO-TRU
595694	4172903	1.34271	CSCO-TRU
595714	4172903	1.30663	CSCO-TRU
595734	4172903	1.26849	CSCO-TRU
595754	4172903	1.22942	CSCO-TRU
595774	4172903	1.19005	CSCO-TRU
595794	4172903	1.15061	CSCO-TRU
594854	4172923	0.19213	CSCO-TRU
594874	4172923	0.20008	CSCO-TRU
594894	4172923	0.2085	CSCO-TRU
594914	4172923	0.21775	CSCO-TRU
595254	4172923	0.4802	CSCO-TRU
595274	4172923	0.51086	CSCO-TRU
595294	4172923	0.54379	CSCO-TRU
595314	4172923	0.57847	CSCO-TRU
595334	4172923	0.61541	CSCO-TRU
595354	4172923	0.65054	CSCO-TRU
595374	4172923	0.68803	CSCO-TRU
595394	4172923	0.72851	CSCO-TRU
595414	4172923	0.77379	CSCO-TRU
595434	4172923	0.82423	CSCO-TRU
595454	4172923	0.87745	CSCO-TRU
595474	4172923	0.93409	CSCO-TRU
595494	4172923	0.99214	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4172923	1.05398	CSCO-TRU
595534	4172923	1.11664	CSCO-TRU
595554	4172923	1.17926	CSCO-TRU
595574	4172923	1.23107	CSCO-TRU
595594	4172923	1.26925	CSCO-TRU
595614	4172923	1.29291	CSCO-TRU
595634	4172923	1.29849	CSCO-TRU
595654	4172923	1.2782	CSCO-TRU
595674	4172923	1.262	CSCO-TRU
595694	4172923	1.23662	CSCO-TRU
595714	4172923	1.20664	CSCO-TRU
595734	4172923	1.17432	CSCO-TRU
595754	4172923	1.14084	CSCO-TRU
595774	4172923	1.10686	CSCO-TRU
595314	4172943	0.54357	CSCO-TRU
595334	4172943	0.57464	CSCO-TRU
595354	4172943	0.60646	CSCO-TRU
595374	4172943	0.63939	CSCO-TRU
595394	4172943	0.6757	CSCO-TRU
595414	4172943	0.71425	CSCO-TRU
595434	4172943	0.75724	CSCO-TRU
595454	4172943	0.80387	CSCO-TRU
595474	4172943	0.85387	CSCO-TRU
595494	4172943	0.9064	CSCO-TRU
595514	4172943	0.96035	CSCO-TRU
595534	4172943	1.01516	CSCO-TRU
595554	4172943	1.06891	CSCO-TRU
595574	4172943	1.11515	CSCO-TRU
595594	4172943	1.15294	CSCO-TRU
595614	4172943	1.17783	CSCO-TRU
595634	4172943	1.18679	CSCO-TRU
595654	4172943	1.14659	CSCO-TRU
595674	4172943	1.15984	CSCO-TRU
595694	4172943	1.14224	CSCO-TRU
595714	4172943	1.11732	CSCO-TRU
595734	4172943	1.08984	CSCO-TRU
595754	4172943	1.06101	CSCO-TRU
595774	4172943	1.03154	CSCO-TRU
595314	4172963	0.5107	CSCO-TRU
595334	4172963	0.53927	CSCO-TRU
595354	4172963	0.56709	CSCO-TRU
595374	4172963	0.59619	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595394	4172963	0.62749	CSCO-TRU
595414	4172963	0.66169	CSCO-TRU
595434	4172963	0.69967	CSCO-TRU
595454	4172963	0.74018	CSCO-TRU
595474	4172963	0.78231	CSCO-TRU
595494	4172963	0.82884	CSCO-TRU
595514	4172963	0.87668	CSCO-TRU
595534	4172963	0.92544	CSCO-TRU
595554	4172963	0.97309	CSCO-TRU
595574	4172963	1.0162	CSCO-TRU
595594	4172963	1.0516	CSCO-TRU
595614	4172963	1.07677	CSCO-TRU
595634	4172963	1.08276	CSCO-TRU
595654	4172963	1.08042	CSCO-TRU
595674	4172963	1.07223	CSCO-TRU
595694	4172963	1.05644	CSCO-TRU
595714	4172963	1.0358	CSCO-TRU
595734	4172963	1.01258	CSCO-TRU
595754	4172963	0.98786	CSCO-TRU
595314	4172983	0.48112	CSCO-TRU
595334	4172983	0.50618	CSCO-TRU
595354	4172983	0.53118	CSCO-TRU
595374	4172983	0.55711	CSCO-TRU
595394	4172983	0.58531	CSCO-TRU
595414	4172983	0.61559	CSCO-TRU
595434	4172983	0.6492	CSCO-TRU
595454	4172983	0.68505	CSCO-TRU
595474	4172983	0.72191	CSCO-TRU
595494	4172983	0.7624	CSCO-TRU
595514	4172983	0.80324	CSCO-TRU
595534	4172983	0.84645	CSCO-TRU
595554	4172983	0.88955	CSCO-TRU
595574	4172983	0.92803	CSCO-TRU
595594	4172983	0.96169	CSCO-TRU
595614	4172983	0.98725	CSCO-TRU
595634	4172983	0.99083	CSCO-TRU
595654	4172983	0.99936	CSCO-TRU
595674	4172983	0.99459	CSCO-TRU
595694	4172983	0.98288	CSCO-TRU
595714	4172983	0.9663	CSCO-TRU
595734	4172983	0.94663	CSCO-TRU
595754	4172983	0.92518	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4173003	0.45474	CSCO-TRU
595334	4173003	0.47574	CSCO-TRU
595354	4173003	0.49812	CSCO-TRU
595374	4173003	0.52164	CSCO-TRU
595394	4173003	0.54658	CSCO-TRU
595414	4173003	0.57404	CSCO-TRU
595434	4173003	0.60385	CSCO-TRU
595454	4173003	0.63588	CSCO-TRU
595474	4173003	0.6687	CSCO-TRU
595494	4173003	0.70373	CSCO-TRU
595514	4173003	0.74014	CSCO-TRU
595534	4173003	0.77829	CSCO-TRU
595554	4173003	0.8166	CSCO-TRU
595574	4173003	0.85147	CSCO-TRU
595594	4173003	0.88309	CSCO-TRU
595614	4173003	0.90546	CSCO-TRU
595634	4173003	0.91686	CSCO-TRU
595654	4173003	0.92477	CSCO-TRU
595674	4173003	0.92302	CSCO-TRU
595694	4173003	0.91462	CSCO-TRU
595714	4173003	0.90134	CSCO-TRU
595734	4173003	0.88481	CSCO-TRU
595294	4173023	0.40949	CSCO-TRU
595314	4173023	0.42856	CSCO-TRU
595334	4173023	0.44837	CSCO-TRU
595354	4173023	0.46847	CSCO-TRU
595374	4173023	0.48947	CSCO-TRU
595394	4173023	0.51216	CSCO-TRU
595414	4173023	0.53684	CSCO-TRU
595434	4173023	0.56275	CSCO-TRU
595454	4173023	0.59092	CSCO-TRU
595474	4173023	0.62057	CSCO-TRU
595494	4173023	0.65205	CSCO-TRU
595514	4173023	0.68437	CSCO-TRU
595534	4173023	0.71829	CSCO-TRU
595554	4173023	0.75235	CSCO-TRU
595574	4173023	0.78467	CSCO-TRU
595594	4173023	0.81433	CSCO-TRU
595614	4173023	0.83021	CSCO-TRU
595634	4173023	0.8496	CSCO-TRU
595654	4173023	0.85781	CSCO-TRU
595674	4173023	0.85851	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4173023	0.85291	CSCO-TRU
595714	4173023	0.8425	CSCO-TRU
595294	4173043	0.38869	CSCO-TRU
595314	4173043	0.40572	CSCO-TRU
595334	4173043	0.42346	CSCO-TRU
595354	4173043	0.44144	CSCO-TRU
595374	4173043	0.46045	CSCO-TRU
595394	4173043	0.48094	CSCO-TRU
595414	4173043	0.50268	CSCO-TRU
595434	4173043	0.52615	CSCO-TRU
595454	4173043	0.55118	CSCO-TRU
595474	4173043	0.5775	CSCO-TRU
595494	4173043	0.60575	CSCO-TRU
595514	4173043	0.63451	CSCO-TRU
595534	4173043	0.66441	CSCO-TRU
595554	4173043	0.69532	CSCO-TRU
595574	4173043	0.72542	CSCO-TRU
595594	4173043	0.75242	CSCO-TRU
595614	4173043	0.769	CSCO-TRU
595634	4173043	0.78808	CSCO-TRU
595654	4173043	0.79751	CSCO-TRU
595674	4173043	0.80018	CSCO-TRU
595694	4173043	0.79694	CSCO-TRU
595294	4173063	0.36926	CSCO-TRU
595314	4173063	0.38472	CSCO-TRU
595334	4173063	0.40051	CSCO-TRU
595354	4173063	0.41678	CSCO-TRU
595374	4173063	0.43394	CSCO-TRU
595394	4173063	0.45195	CSCO-TRU
595414	4173063	0.4715	CSCO-TRU
595434	4173063	0.49273	CSCO-TRU
595454	4173063	0.51564	CSCO-TRU
595474	4173063	0.53948	CSCO-TRU
595494	4173063	0.56489	CSCO-TRU
595514	4173063	0.59058	CSCO-TRU
595534	4173063	0.61709	CSCO-TRU
595554	4173063	0.64504	CSCO-TRU
595574	4173063	0.67194	CSCO-TRU
595594	4173063	0.69448	CSCO-TRU
595614	4173063	0.71547	CSCO-TRU
595634	4173063	0.73273	CSCO-TRU
595654	4173063	0.74305	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595354	4173083	0.39402	CSCO-TRU
595374	4173083	0.40916	CSCO-TRU
595394	4173083	0.42546	CSCO-TRU
595414	4173083	0.44325	CSCO-TRU
595434	4173083	0.46255	CSCO-TRU
595454	4173083	0.48349	CSCO-TRU
595474	4173083	0.50535	CSCO-TRU
595494	4173083	0.52906	CSCO-TRU
595514	4173083	0.55229	CSCO-TRU
595534	4173083	0.5748	CSCO-TRU
595554	4173083	0.60036	CSCO-TRU
595574	4173083	0.62465	CSCO-TRU
595594	4173083	0.64803	CSCO-TRU
595614	4173083	0.64537	CSCO-TRU
595334	4173103	0.35947	CSCO-TRU
595354	4173103	0.37278	CSCO-TRU
595374	4173103	0.38652	CSCO-TRU
595394	4173103	0.40135	CSCO-TRU
595414	4173103	0.41758	CSCO-TRU
595434	4173103	0.43518	CSCO-TRU
595454	4173103	0.45444	CSCO-TRU
595474	4173103	0.47463	CSCO-TRU
595494	4173103	0.4958	CSCO-TRU
595514	4173103	0.51473	CSCO-TRU
595534	4173103	0.53712	CSCO-TRU
595334	4173123	0.341	CSCO-TRU
595354	4173123	0.35304	CSCO-TRU
595374	4173123	0.36571	CSCO-TRU
595394	4173123	0.37937	CSCO-TRU
595414	4173123	0.39439	CSCO-TRU
595434	4173123	0.41056	CSCO-TRU
595454	4173123	0.42819	CSCO-TRU
595474	4173123	0.44696	CSCO-TRU
595494	4173123	0.46558	CSCO-TRU
595514	4173123	0.48255	CSCO-TRU
595354	4173143	0.33508	CSCO-TRU
595374	4173143	0.34687	CSCO-TRU
595394	4173143	0.35978	CSCO-TRU
595414	4173143	0.37485	CSCO-TRU
595434	4173143	0.38941	CSCO-TRU
595494	4173143	0.43646	CSCO-TRU
595354	4173163	0.31908	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595374	4173163	0.32984	CSCO-TRU
595394	4173163	0.34157	CSCO-TRU
595414	4173163	0.35501	CSCO-TRU
595434	4173163	0.36822	CSCO-TRU
595374	4173183	0.31406	CSCO-TRU
595394	4173183	0.32477	CSCO-TRU
595414	4173183	0.3364	CSCO-TRU
595434	4173183	0.34862	CSCO-TRU
595203.12	4172931.43	0.41237	CSCO-TRU
595305.29	4173022.49	0.42066	CSCO-TRU
596059.85	4172738.92	0.9758	CSCO-TRU
595782.4	4171913.24	0.32872	CSCO-TRU
595790.49	4171877.76	0.29175	CSCO-TRU
595826.59	4171700.37	0.18039	CSCO-TRU
595857.85	4171568.4	0.13642	CSCO-TRU
595427.66	4172811.08	1.37256	CSCO-TRU
595616.96	4172890.78	1.51472	CSCO-TRU
595465.61	4172972.42	0.73573	CSCO-TRU
595413.93	4172953.11	0.68679	CSCO-TRU
595207.62	4172857.58	0.52293	CSCO-TRU
595229.35	4172793.73	0.69645	CSCO-TRU
595251.41	4172717.21	0.98825	CSCO-TRU
595276.16	4172654.64	1.43797	CSCO-TRU
595286.24	4171790.65	0.22302	CSCO-TRU
595306.24	4171790.65	0.22163	CSCO-TRU
595326.24	4171790.65	0.22064	CSCO-TRU
595266.24	4171810.65	0.23696	CSCO-TRU
595286.24	4171810.65	0.23462	CSCO-TRU
595306.24	4171810.65	0.2336	CSCO-TRU
595326.24	4171810.65	0.23226	CSCO-TRU
595246.24	4171830.65	0.2537	CSCO-TRU
595266.24	4171830.65	0.25021	CSCO-TRU
595286.24	4171830.65	0.24774	CSCO-TRU
595306.24	4171830.65	0.24629	CSCO-TRU
595326.24	4171830.65	0.24497	CSCO-TRU
595226.24	4171850.65	0.27392	CSCO-TRU
595246.24	4171850.65	0.2695	CSCO-TRU
595266.24	4171850.65	0.26557	CSCO-TRU
595286.24	4171850.65	0.26255	CSCO-TRU
595306.24	4171850.65	0.2604	CSCO-TRU
595326.24	4171850.65	0.25884	CSCO-TRU
595206.24	4171870.65	0.29946	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595226.24	4171870.65	0.29259	CSCO-TRU
595246.24	4171870.65	0.28676	CSCO-TRU
595266.24	4171870.65	0.28188	CSCO-TRU
595286.24	4171870.65	0.27836	CSCO-TRU
595306.24	4171870.65	0.27581	CSCO-TRU
595186.24	4171890.65	0.33018	CSCO-TRU
595206.24	4171890.65	0.32099	CSCO-TRU
595226.24	4171890.65	0.31279	CSCO-TRU
595246.24	4171890.65	0.30593	CSCO-TRU
595266.24	4171890.65	0.30025	CSCO-TRU
595286.24	4171890.65	0.296	CSCO-TRU
595306.24	4171890.65	0.29287	CSCO-TRU
595186.24	4171910.65	0.35533	CSCO-TRU
595206.24	4171910.65	0.34473	CSCO-TRU
595226.24	4171910.65	0.33542	CSCO-TRU
595246.24	4171910.65	0.32751	CSCO-TRU
595266.24	4171910.65	0.32096	CSCO-TRU
595286.24	4171910.65	0.31549	CSCO-TRU
595306.24	4171910.65	0.31183	CSCO-TRU
595166.24	4171930.65	0.39646	CSCO-TRU
595186.24	4171930.65	0.38365	CSCO-TRU
595206.24	4171930.65	0.37191	CSCO-TRU
595226.24	4171930.65	0.36088	CSCO-TRU
595246.24	4171930.65	0.35191	CSCO-TRU
595266.24	4171930.65	0.34386	CSCO-TRU
595286.24	4171930.65	0.33748	CSCO-TRU
595166.24	4171950.65	0.43037	CSCO-TRU
595186.24	4171950.65	0.41577	CSCO-TRU
595206.24	4171950.65	0.40223	CSCO-TRU
595226.24	4171950.65	0.38938	CSCO-TRU
595246.24	4171950.65	0.37892	CSCO-TRU
595266.24	4171950.65	0.36961	CSCO-TRU
595286.24	4171950.65	0.36232	CSCO-TRU
595146.24	4171970.65	0.48473	CSCO-TRU
595166.24	4171970.65	0.4679	CSCO-TRU
595186.24	4171970.65	0.45196	CSCO-TRU
595206.24	4171970.65	0.43663	CSCO-TRU
595226.24	4171970.65	0.42219	CSCO-TRU
595246.24	4171970.65	0.41025	CSCO-TRU
595266.24	4171970.65	0.3992	CSCO-TRU
595146.24	4171990.65	0.52997	CSCO-TRU
595166.24	4171990.65	0.51145	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595186.24	4171990.65	0.49354	CSCO-TRU
595206.24	4171990.65	0.47609	CSCO-TRU
595852.66	4171825.33	0.26215	CSCO-TRU
595852.66	4171845.33	0.28025	CSCO-TRU
595852.66	4171865.33	0.30065	CSCO-TRU
595872.66	4171865.33	0.30896	CSCO-TRU
595892.66	4171865.33	0.31789	CSCO-TRU
595832.66	4171885.33	0.31506	CSCO-TRU
595852.66	4171885.33	0.32376	CSCO-TRU
595872.66	4171885.33	0.33322	CSCO-TRU
595892.66	4171885.33	0.34323	CSCO-TRU
595832.66	4171905.33	0.3396	CSCO-TRU
595852.66	4171905.33	0.35014	CSCO-TRU
595872.66	4171905.33	0.36099	CSCO-TRU
595892.66	4171905.33	0.37162	CSCO-TRU
595912.66	4171905.33	0.38184	CSCO-TRU
595832.66	4171925.33	0.36695	CSCO-TRU
595852.66	4171925.33	0.37864	CSCO-TRU
595872.66	4171925.33	0.39052	CSCO-TRU
595892.66	4171925.33	0.40275	CSCO-TRU
595912.66	4171925.33	0.41457	CSCO-TRU
595852.66	4171945.33	0.41231	CSCO-TRU
595872.66	4171945.33	0.42465	CSCO-TRU
595892.66	4171945.33	0.43697	CSCO-TRU
595912.66	4171945.33	0.44901	CSCO-TRU
595932.66	4171945.33	0.46033	CSCO-TRU
595102.43	4172101.44	0.96929	CSCO-TRU
595122.43	4172101.44	0.95099	CSCO-TRU
595142.43	4172101.44	0.92901	CSCO-TRU
595102.43	4172121.44	1.06967	CSCO-TRU
595122.43	4172121.44	1.05364	CSCO-TRU
595142.43	4172121.44	1.0338	CSCO-TRU
595082.43	4172141.44	1.18596	CSCO-TRU
595102.43	4172141.44	1.18011	CSCO-TRU
595122.43	4172141.44	1.16898	CSCO-TRU
595142.43	4172141.44	1.15219	CSCO-TRU
595082.43	4172161.44	1.30115	CSCO-TRU
595102.43	4172161.44	1.3033	CSCO-TRU
595122.43	4172161.44	1.29715	CSCO-TRU
595142.43	4172161.44	1.28516	CSCO-TRU
595082.43	4172181.44	1.42504	CSCO-TRU
595102.43	4172181.44	1.43513	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595122.43	4172181.44	1.43807	CSCO-TRU
595142.43	4172181.44	1.4332	CSCO-TRU
595062.43	4172201.44	1.53006	CSCO-TRU
595082.43	4172201.44	1.55672	CSCO-TRU
595102.43	4172201.44	1.57817	CSCO-TRU
595122.43	4172201.44	1.5915	CSCO-TRU
595142.43	4172201.44	1.59693	CSCO-TRU
595162.43	4172201.44	1.59254	CSCO-TRU
595062.43	4172221.44	1.6556	CSCO-TRU
595082.43	4172221.44	1.69556	CSCO-TRU
595102.43	4172221.44	1.7309	CSCO-TRU
595122.43	4172221.44	1.7571	CSCO-TRU
595142.43	4172221.44	1.7755	CSCO-TRU
595162.43	4172221.44	1.78348	CSCO-TRU
595062.43	4172241.44	1.78389	CSCO-TRU
595082.43	4172241.44	1.84032	CSCO-TRU
595102.43	4172241.44	1.8909	CSCO-TRU
595122.43	4172241.44	1.93469	CSCO-TRU
595142.43	4172241.44	1.97206	CSCO-TRU
595162.43	4172241.44	1.99925	CSCO-TRU
595062.43	4172261.44	1.91114	CSCO-TRU
595082.43	4172261.44	1.98779	CSCO-TRU
595102.43	4172261.44	2.05504	CSCO-TRU
595122.43	4172261.44	2.12049	CSCO-TRU
595142.43	4172261.44	2.1816	CSCO-TRU
595042.43	4172281.44	1.93048	CSCO-TRU
595062.43	4172281.44	2.02922	CSCO-TRU
595082.43	4172281.44	2.128	CSCO-TRU
595102.43	4172281.44	2.21735	CSCO-TRU
595122.43	4172281.44	2.31462	CSCO-TRU
595142.43	4172281.44	2.40026	CSCO-TRU
595162.43	4172281.44	2.4755	CSCO-TRU
595042.43	4172301.44	2.01203	CSCO-TRU
595062.43	4172301.44	2.13275	CSCO-TRU
595082.43	4172301.44	2.25353	CSCO-TRU
595102.43	4172301.44	2.37337	CSCO-TRU
595122.43	4172301.44	2.49872	CSCO-TRU
595142.43	4172301.44	2.61919	CSCO-TRU
595162.43	4172301.44	2.73273	CSCO-TRU
595042.43	4172321.44	2.07408	CSCO-TRU
595062.43	4172321.44	2.21584	CSCO-TRU
595082.43	4172321.44	2.35317	CSCO-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595102.43	4172321.44	2.50927	CSCO-TRU
595122.43	4172321.44	2.66735	CSCO-TRU
595142.43	4172321.44	2.83003	CSCO-TRU
595162.43	4172321.44	2.98693	CSCO-TRU
595022.43	4172341.44	1.9617	CSCO-TRU
595042.43	4172341.44	2.11067	CSCO-TRU
595062.43	4172341.44	2.27066	CSCO-TRU
595082.43	4172341.44	2.4403	CSCO-TRU
595102.43	4172341.44	2.62005	CSCO-TRU
595122.43	4172341.44	2.80986	CSCO-TRU
595142.43	4172341.44	3.01607	CSCO-TRU
595162.43	4172341.44	3.22404	CSCO-TRU
595509.2	4172311.1	2.0869	CSCO-TRU
595453.66	4172369.33	4.07593	CSCO-TRU
595568.33	4173021.18	0.78129	CSCO-TRU
595515	4172097	0.56955	CSCO-TRU
595271.59	4172931.11	0.49529	CSCO-TRU
595259.54	4172956.67	0.44564	CSCO-TRU
595229.53	4172979.48	0.38566	CSCO-TRU
595158.78	4172948.61	0.35652	CSCO-TRU
595424.36	4172061.47	0.50977	CSCO-TRU
595637.78	4172033.56	0.4525	CSCO-TRU
595497.98	4172569.45	93.29464	CSCO-TRU
595440.32	4172695.89	3.32531	CSCO-TRU
595531.7	4172736.24	3.94775	CSCO-TRU
595503.43	4172797.49	2.12783	CSCO-TRU
595293.61	4172706.67	1.27905	CSCO-TRU
595216.89	4172907.31	0.45396	CSCO-TRU
595554	4171743	0.46279	FDX-TRU
595574	4171743	0.46938	FDX-TRU
595594	4171743	0.46052	FDX-TRU
595614	4171743	0.45703	FDX-TRU
595634	4171743	0.4473	FDX-TRU
595654	4171743	0.44767	FDX-TRU
595674	4171743	0.44562	FDX-TRU
595694	4171743	0.44698	FDX-TRU
595714	4171743	0.43532	FDX-TRU
595534	4171763	0.54335	FDX-TRU
595554	4171763	0.52296	FDX-TRU
595574	4171763	0.52961	FDX-TRU
595594	4171763	0.52047	FDX-TRU
595614	4171763	0.51717	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4171763	0.5124	FDX-TRU
595654	4171763	0.50637	FDX-TRU
595674	4171763	0.50508	FDX-TRU
595694	4171763	0.49416	FDX-TRU
595714	4171763	0.4989	FDX-TRU
595734	4171763	0.52786	FDX-TRU
595754	4171763	0.53928	FDX-TRU
595774	4171763	0.55437	FDX-TRU
595314	4171783	0.99898	FDX-TRU
595334	4171783	0.96633	FDX-TRU
595534	4171783	0.60804	FDX-TRU
595554	4171783	0.59808	FDX-TRU
595574	4171783	0.5909	FDX-TRU
595594	4171783	0.57755	FDX-TRU
595614	4171783	0.56929	FDX-TRU
595634	4171783	0.58391	FDX-TRU
595654	4171783	0.57873	FDX-TRU
595674	4171783	0.57932	FDX-TRU
595694	4171783	0.56162	FDX-TRU
595714	4171783	0.59676	FDX-TRU
595734	4171783	0.61402	FDX-TRU
595754	4171783	0.62537	FDX-TRU
595774	4171783	0.6518	FDX-TRU
595794	4171783	0.67603	FDX-TRU
595274	4171803	1.19399	FDX-TRU
595294	4171803	1.18454	FDX-TRU
595314	4171803	1.16578	FDX-TRU
595334	4171803	1.13446	FDX-TRU
595534	4171803	0.69805	FDX-TRU
595554	4171803	0.68466	FDX-TRU
595574	4171803	0.69589	FDX-TRU
595594	4171803	0.68511	FDX-TRU
595614	4171803	0.67688	FDX-TRU
595634	4171803	0.67208	FDX-TRU
595654	4171803	0.65106	FDX-TRU
595674	4171803	0.64734	FDX-TRU
595694	4171803	0.65235	FDX-TRU
595714	4171803	0.7006	FDX-TRU
595734	4171803	0.72004	FDX-TRU
595754	4171803	0.73409	FDX-TRU
595774	4171803	0.77412	FDX-TRU
595794	4171803	0.80244	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4171803	0.82806	FDX-TRU
595254	4171823	1.34992	FDX-TRU
595274	4171823	1.36376	FDX-TRU
595294	4171823	1.36761	FDX-TRU
595314	4171823	1.36136	FDX-TRU
595334	4171823	1.3392	FDX-TRU
595514	4171823	0.85452	FDX-TRU
595534	4171823	0.81204	FDX-TRU
595554	4171823	0.79957	FDX-TRU
595574	4171823	0.80269	FDX-TRU
595594	4171823	0.79045	FDX-TRU
595614	4171823	0.78597	FDX-TRU
595634	4171823	0.78034	FDX-TRU
595654	4171823	0.78122	FDX-TRU
595674	4171823	0.79002	FDX-TRU
595694	4171823	0.77157	FDX-TRU
595714	4171823	0.8373	FDX-TRU
595734	4171823	0.86434	FDX-TRU
595754	4171823	0.89405	FDX-TRU
595774	4171823	0.93076	FDX-TRU
595794	4171823	0.96115	FDX-TRU
595814	4171823	0.98723	FDX-TRU
595834	4171823	1.00852	FDX-TRU
595854	4171823	1.01959	FDX-TRU
595234	4171843	1.48013	FDX-TRU
595254	4171843	1.52347	FDX-TRU
595274	4171843	1.55835	FDX-TRU
595294	4171843	1.58124	FDX-TRU
595314	4171843	1.58914	FDX-TRU
595334	4171843	1.5833	FDX-TRU
595514	4171843	1.00102	FDX-TRU
595534	4171843	0.95724	FDX-TRU
595554	4171843	0.93524	FDX-TRU
595574	4171843	0.95595	FDX-TRU
595594	4171843	0.93078	FDX-TRU
595614	4171843	0.92686	FDX-TRU
595634	4171843	0.92209	FDX-TRU
595654	4171843	0.92766	FDX-TRU
595674	4171843	0.9083	FDX-TRU
595694	4171843	0.94331	FDX-TRU
595714	4171843	1.02066	FDX-TRU
595734	4171843	1.05124	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4171843	1.09715	FDX-TRU
595774	4171843	1.1318	FDX-TRU
595794	4171843	1.16315	FDX-TRU
595814	4171843	1.18453	FDX-TRU
595854	4171843	1.1982	FDX-TRU
595874	4171843	1.19093	FDX-TRU
595214	4171863	1.55362	FDX-TRU
595234	4171863	1.63179	FDX-TRU
595254	4171863	1.70415	FDX-TRU
595274	4171863	1.76569	FDX-TRU
595294	4171863	1.81773	FDX-TRU
595314	4171863	1.85197	FDX-TRU
595334	4171863	1.87052	FDX-TRU
595514	4171863	1.19353	FDX-TRU
595534	4171863	1.14639	FDX-TRU
595554	4171863	1.1164	FDX-TRU
595574	4171863	1.08911	FDX-TRU
595594	4171863	1.06542	FDX-TRU
595614	4171863	1.04755	FDX-TRU
595634	4171863	1.06972	FDX-TRU
595654	4171863	1.12357	FDX-TRU
595674	4171863	1.09014	FDX-TRU
595694	4171863	1.20427	FDX-TRU
595714	4171863	1.25353	FDX-TRU
595734	4171863	1.2996	FDX-TRU
595754	4171863	1.35722	FDX-TRU
595774	4171863	1.40011	FDX-TRU
595794	4171863	1.4289	FDX-TRU
595814	4171863	1.43432	FDX-TRU
595834	4171863	1.42442	FDX-TRU
595854	4171863	1.40674	FDX-TRU
595874	4171863	1.38058	FDX-TRU
595894	4171863	1.34661	FDX-TRU
595194	4171883	1.56126	FDX-TRU
595214	4171883	1.66904	FDX-TRU
595234	4171883	1.77624	FDX-TRU
595254	4171883	1.88028	FDX-TRU
595274	4171883	1.97877	FDX-TRU
595294	4171883	2.06909	FDX-TRU
595314	4171883	2.14348	FDX-TRU
595514	4171883	1.47739	FDX-TRU
595534	4171883	1.41435	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4171883	1.36163	FDX-TRU
595574	4171883	1.31635	FDX-TRU
595594	4171883	1.2875	FDX-TRU
595614	4171883	1.26628	FDX-TRU
595634	4171883	1.26623	FDX-TRU
595654	4171883	1.32618	FDX-TRU
595674	4171883	1.35791	FDX-TRU
595694	4171883	1.51155	FDX-TRU
595714	4171883	1.60152	FDX-TRU
595734	4171883	1.6506	FDX-TRU
595754	4171883	1.69489	FDX-TRU
595774	4171883	1.72694	FDX-TRU
595794	4171883	1.72849	FDX-TRU
595814	4171883	1.72149	FDX-TRU
595834	4171883	1.68853	FDX-TRU
595854	4171883	1.64571	FDX-TRU
595874	4171883	1.59367	FDX-TRU
595894	4171883	1.53494	FDX-TRU
595174	4171903	1.49421	FDX-TRU
595194	4171903	1.62054	FDX-TRU
595214	4171903	1.75299	FDX-TRU
595234	4171903	1.89421	FDX-TRU
595254	4171903	2.03885	FDX-TRU
595274	4171903	2.18304	FDX-TRU
595294	4171903	2.32343	FDX-TRU
595314	4171903	2.45519	FDX-TRU
595514	4171903	1.85057	FDX-TRU
595534	4171903	1.74259	FDX-TRU
595554	4171903	1.68417	FDX-TRU
595574	4171903	1.64938	FDX-TRU
595594	4171903	1.60889	FDX-TRU
595614	4171903	1.58813	FDX-TRU
595634	4171903	1.57964	FDX-TRU
595654	4171903	1.65598	FDX-TRU
595674	4171903	1.75606	FDX-TRU
595694	4171903	1.89267	FDX-TRU
595714	4171903	2.06245	FDX-TRU
595734	4171903	2.10914	FDX-TRU
595754	4171903	2.15256	FDX-TRU
595774	4171903	2.14592	FDX-TRU
595794	4171903	2.112	FDX-TRU
595814	4171903	2.05682	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4171903	1.98852	FDX-TRU
595854	4171903	1.9062	FDX-TRU
595874	4171903	1.81859	FDX-TRU
595894	4171903	1.73221	FDX-TRU
595914	4171903	1.64539	FDX-TRU
595174	4171923	1.49997	FDX-TRU
595194	4171923	1.64396	FDX-TRU
595214	4171923	1.80308	FDX-TRU
595234	4171923	1.97436	FDX-TRU
595254	4171923	2.15927	FDX-TRU
595274	4171923	2.35523	FDX-TRU
595294	4171923	2.55456	FDX-TRU
595534	4171923	2.24935	FDX-TRU
595554	4171923	2.14813	FDX-TRU
595574	4171923	2.08322	FDX-TRU
595594	4171923	2.03814	FDX-TRU
595614	4171923	2.03219	FDX-TRU
595634	4171923	2.07849	FDX-TRU
595654	4171923	2.18182	FDX-TRU
595674	4171923	2.35128	FDX-TRU
595694	4171923	2.50197	FDX-TRU
595714	4171923	2.67951	FDX-TRU
595734	4171923	2.72969	FDX-TRU
595754	4171923	2.70715	FDX-TRU
595774	4171923	2.64421	FDX-TRU
595794	4171923	2.55104	FDX-TRU
595814	4171923	2.43823	FDX-TRU
595834	4171923	2.32266	FDX-TRU
595854	4171923	2.18952	FDX-TRU
595874	4171923	2.06127	FDX-TRU
595894	4171923	1.93012	FDX-TRU
595914	4171923	1.80822	FDX-TRU
595154	4171943	1.33862	FDX-TRU
595174	4171943	1.47577	FDX-TRU
595194	4171943	1.63211	FDX-TRU
595214	4171943	1.80602	FDX-TRU
595234	4171943	2.00297	FDX-TRU
595254	4171943	2.22519	FDX-TRU
595274	4171943	2.46772	FDX-TRU
595294	4171943	2.73225	FDX-TRU
595534	4171943	3.03502	FDX-TRU
595554	4171943	2.84289	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4171943	2.74115	FDX-TRU
595594	4171943	2.67243	FDX-TRU
595614	4171943	2.68325	FDX-TRU
595634	4171943	2.80861	FDX-TRU
595654	4171943	3.01858	FDX-TRU
595674	4171943	3.26326	FDX-TRU
595694	4171943	3.43574	FDX-TRU
595714	4171943	3.51516	FDX-TRU
595734	4171943	3.48342	FDX-TRU
595754	4171943	3.39769	FDX-TRU
595774	4171943	3.23487	FDX-TRU
595794	4171943	3.04695	FDX-TRU
595814	4171943	2.85532	FDX-TRU
595834	4171943	2.66181	FDX-TRU
595854	4171943	2.48092	FDX-TRU
595874	4171943	2.30583	FDX-TRU
595894	4171943	2.14	FDX-TRU
595914	4171943	1.98213	FDX-TRU
595934	4171943	1.83659	FDX-TRU
595154	4171963	1.28152	FDX-TRU
595174	4171963	1.42129	FDX-TRU
595194	4171963	1.58073	FDX-TRU
595214	4171963	1.76534	FDX-TRU
595234	4171963	1.97504	FDX-TRU
595254	4171963	2.22539	FDX-TRU
595274	4171963	2.50529	FDX-TRU
595554	4171963	3.96471	FDX-TRU
595574	4171963	3.77484	FDX-TRU
595594	4171963	3.69135	FDX-TRU
595614	4171963	3.76781	FDX-TRU
595634	4171963	4.06778	FDX-TRU
595654	4171963	4.40206	FDX-TRU
595674	4171963	4.67182	FDX-TRU
595694	4171963	4.79061	FDX-TRU
595714	4171963	4.70689	FDX-TRU
595734	4171963	4.51599	FDX-TRU
595754	4171963	4.2527	FDX-TRU
595774	4171963	3.95166	FDX-TRU
595794	4171963	3.63751	FDX-TRU
595814	4171963	3.33415	FDX-TRU
595834	4171963	3.03993	FDX-TRU
595854	4171963	2.76282	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4171963	2.51632	FDX-TRU
595894	4171963	2.30585	FDX-TRU
595914	4171963	2.11494	FDX-TRU
595934	4171963	1.95498	FDX-TRU
595154	4171983	1.2053	FDX-TRU
595174	4171983	1.33943	FDX-TRU
595194	4171983	1.4979	FDX-TRU
595214	4171983	1.68238	FDX-TRU
595234	4171983	1.89953	FDX-TRU
595254	4171983	2.14708	FDX-TRU
595574	4171983	5.55293	FDX-TRU
595754	4172023	7.14541	FDX-TRU
595774	4172023	6.07891	FDX-TRU
595794	4172023	5.17883	FDX-TRU
595814	4172023	4.48035	FDX-TRU
595834	4172023	3.92918	FDX-TRU
595714	4172043	11.82067	FDX-TRU
595734	4172043	9.41381	FDX-TRU
595754	4172043	7.60551	FDX-TRU
595774	4172043	6.36839	FDX-TRU
595794	4172043	5.39315	FDX-TRU
595814	4172043	4.61152	FDX-TRU
595834	4172043	3.9762	FDX-TRU
595854	4172043	3.47181	FDX-TRU
595874	4172043	3.05891	FDX-TRU
595894	4172043	2.71576	FDX-TRU
595914	4172043	2.42626	FDX-TRU
595934	4172043	2.19563	FDX-TRU
595714	4172063	12.74436	FDX-TRU
595734	4172063	9.70821	FDX-TRU
595754	4172063	7.88788	FDX-TRU
595774	4172063	6.51873	FDX-TRU
595794	4172063	5.46677	FDX-TRU
595814	4172063	4.64647	FDX-TRU
595834	4172063	3.99097	FDX-TRU
595854	4172063	3.46928	FDX-TRU
595874	4172063	3.04586	FDX-TRU
595894	4172063	2.69618	FDX-TRU
595914	4172063	2.40339	FDX-TRU
595934	4172063	2.15572	FDX-TRU
595714	4172083	12.531	FDX-TRU
595734	4172083	9.5509	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172083	7.72165	FDX-TRU
595774	4172083	6.35831	FDX-TRU
595794	4172083	5.32278	FDX-TRU
595814	4172083	4.51982	FDX-TRU
595834	4172083	3.8858	FDX-TRU
595854	4172083	3.37722	FDX-TRU
595874	4172083	2.96543	FDX-TRU
595894	4172083	2.62463	FDX-TRU
595914	4172083	2.33986	FDX-TRU
595934	4172083	2.09922	FDX-TRU
595114	4172103	0.49085	FDX-TRU
595134	4172103	0.5319	FDX-TRU
595714	4172103	11.29465	FDX-TRU
595734	4172103	8.81586	FDX-TRU
595754	4172103	7.16684	FDX-TRU
595774	4172103	5.93363	FDX-TRU
595794	4172103	4.99479	FDX-TRU
595814	4172103	4.25931	FDX-TRU
595834	4172103	3.67786	FDX-TRU
595854	4172103	3.20853	FDX-TRU
595874	4172103	2.82415	FDX-TRU
595894	4172103	2.50572	FDX-TRU
595914	4172103	2.23872	FDX-TRU
595934	4172103	2.01244	FDX-TRU
595094	4172123	0.3927	FDX-TRU
595114	4172123	0.42128	FDX-TRU
595134	4172123	0.45394	FDX-TRU
595694	4172123	12.07794	FDX-TRU
595714	4172123	9.56269	FDX-TRU
595734	4172123	7.70886	FDX-TRU
595754	4172123	6.35668	FDX-TRU
595774	4172123	5.32875	FDX-TRU
595794	4172123	4.53085	FDX-TRU
595814	4172123	3.89976	FDX-TRU
595834	4172123	3.3937	FDX-TRU
595854	4172123	2.9799	FDX-TRU
595874	4172123	2.63668	FDX-TRU
595894	4172123	2.35029	FDX-TRU
595914	4172123	2.10818	FDX-TRU
595934	4172123	1.90202	FDX-TRU
595094	4172143	0.34037	FDX-TRU
595114	4172143	0.36349	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595134	4172143	0.38969	FDX-TRU
595694	4172143	9.61553	FDX-TRU
595714	4172143	7.9017	FDX-TRU
595734	4172143	6.52911	FDX-TRU
595754	4172143	5.48133	FDX-TRU
595774	4172143	4.6668	FDX-TRU
595794	4172143	4.01996	FDX-TRU
595814	4172143	3.49828	FDX-TRU
595834	4172143	3.07168	FDX-TRU
595854	4172143	2.71843	FDX-TRU
595874	4172143	2.42261	FDX-TRU
595894	4172143	2.17234	FDX-TRU
595914	4172143	1.95879	FDX-TRU
595934	4172143	1.77527	FDX-TRU
595094	4172163	0.29807	FDX-TRU
595114	4172163	0.31749	FDX-TRU
595134	4172163	0.33896	FDX-TRU
595154	4172163	0.36445	FDX-TRU
595614	4172163	14.39105	FDX-TRU
595634	4172163	12.93683	FDX-TRU
595654	4172163	10.99153	FDX-TRU
595674	4172163	9.33478	FDX-TRU
595694	4172163	7.76691	FDX-TRU
595714	4172163	6.48802	FDX-TRU
595734	4172163	5.4768	FDX-TRU
595754	4172163	4.6766	FDX-TRU
595774	4172163	4.0406	FDX-TRU
595794	4172163	3.52438	FDX-TRU
595814	4172163	3.09997	FDX-TRU
595834	4172163	2.74765	FDX-TRU
595854	4172163	2.45187	FDX-TRU
595874	4172163	2.201	FDX-TRU
595894	4172163	1.98639	FDX-TRU
595914	4172163	1.80163	FDX-TRU
595074	4172183	0.24887	FDX-TRU
595094	4172183	0.2641	FDX-TRU
595114	4172183	0.28094	FDX-TRU
595134	4172183	0.29962	FDX-TRU
595154	4172183	0.32032	FDX-TRU
595614	4172183	9.53136	FDX-TRU
595634	4172183	9.0219	FDX-TRU
595654	4172183	8.29796	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172183	7.22024	FDX-TRU
595694	4172183	6.21779	FDX-TRU
595714	4172183	5.34272	FDX-TRU
595734	4172183	4.60439	FDX-TRU
595754	4172183	3.99775	FDX-TRU
595774	4172183	3.49922	FDX-TRU
595794	4172183	3.08568	FDX-TRU
595814	4172183	2.73873	FDX-TRU
595834	4172183	2.44739	FDX-TRU
595854	4172183	2.19985	FDX-TRU
595874	4172183	1.9878	FDX-TRU
595894	4172183	1.80512	FDX-TRU
595914	4172183	1.64662	FDX-TRU
595074	4172203	0.22429	FDX-TRU
595094	4172203	0.23786	FDX-TRU
595114	4172203	0.25265	FDX-TRU
595134	4172203	0.2693	FDX-TRU
595154	4172203	0.28771	FDX-TRU
595594	4172203	5.82035	FDX-TRU
595614	4172203	6.66182	FDX-TRU
595634	4172203	6.58001	FDX-TRU
595654	4172203	6.22139	FDX-TRU
595674	4172203	5.62373	FDX-TRU
595694	4172203	5.00311	FDX-TRU
595714	4172203	4.41475	FDX-TRU
595734	4172203	3.88851	FDX-TRU
595754	4172203	3.43584	FDX-TRU
595774	4172203	3.04624	FDX-TRU
595794	4172203	2.71224	FDX-TRU
595814	4172203	2.42706	FDX-TRU
595834	4172203	2.18332	FDX-TRU
595854	4172203	1.97444	FDX-TRU
595874	4172203	1.79409	FDX-TRU
595894	4172203	1.63759	FDX-TRU
595914	4172203	1.50117	FDX-TRU
595074	4172223	0.20499	FDX-TRU
595094	4172223	0.21791	FDX-TRU
595114	4172223	0.23095	FDX-TRU
595134	4172223	0.24621	FDX-TRU
595154	4172223	0.26268	FDX-TRU
595594	4172223	4.17323	FDX-TRU
595614	4172223	4.69366	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172223	4.94889	FDX-TRU
595654	4172223	4.77473	FDX-TRU
595674	4172223	4.44443	FDX-TRU
595694	4172223	4.05809	FDX-TRU
595714	4172223	3.66514	FDX-TRU
595734	4172223	3.29288	FDX-TRU
595754	4172223	2.96072	FDX-TRU
595774	4172223	2.66118	FDX-TRU
595794	4172223	2.39455	FDX-TRU
595814	4172223	2.16037	FDX-TRU
595834	4172223	1.9563	FDX-TRU
595854	4172223	1.77875	FDX-TRU
595874	4172223	1.62401	FDX-TRU
595894	4172223	1.48871	FDX-TRU
595054	4172243	0.18001	FDX-TRU
595074	4172243	0.19036	FDX-TRU
595094	4172243	0.20224	FDX-TRU
595114	4172243	0.21427	FDX-TRU
595134	4172243	0.22839	FDX-TRU
595154	4172243	0.2447	FDX-TRU
595594	4172243	3.17743	FDX-TRU
595614	4172243	3.51476	FDX-TRU
595634	4172243	3.79075	FDX-TRU
595654	4172243	3.74626	FDX-TRU
595674	4172243	3.56844	FDX-TRU
595694	4172243	3.32695	FDX-TRU
595714	4172243	3.06164	FDX-TRU
595734	4172243	2.79861	FDX-TRU
595754	4172243	2.55666	FDX-TRU
595774	4172243	2.32857	FDX-TRU
595794	4172243	2.11886	FDX-TRU
595814	4172243	1.92948	FDX-TRU
595834	4172243	1.76008	FDX-TRU
595854	4172243	1.60952	FDX-TRU
595874	4172243	1.47609	FDX-TRU
595894	4172243	1.35846	FDX-TRU
595054	4172263	0.16932	FDX-TRU
595074	4172263	0.17926	FDX-TRU
595094	4172263	0.19003	FDX-TRU
595114	4172263	0.20077	FDX-TRU
595134	4172263	0.21504	FDX-TRU
595154	4172263	0.22948	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172263	2.50374	FDX-TRU
595614	4172263	2.76382	FDX-TRU
595634	4172263	2.97847	FDX-TRU
595654	4172263	2.99757	FDX-TRU
595674	4172263	2.90909	FDX-TRU
595694	4172263	2.75818	FDX-TRU
595714	4172263	2.57884	FDX-TRU
595734	4172263	2.39278	FDX-TRU
595754	4172263	2.21263	FDX-TRU
595774	4172263	2.03966	FDX-TRU
595794	4172263	1.87663	FDX-TRU
595814	4172263	1.72559	FDX-TRU
595834	4172263	1.58702	FDX-TRU
595854	4172263	1.4609	FDX-TRU
595874	4172263	1.34676	FDX-TRU
595894	4172263	1.24464	FDX-TRU
595054	4172283	0.16047	FDX-TRU
595074	4172283	0.16989	FDX-TRU
595094	4172283	0.17924	FDX-TRU
595114	4172283	0.19006	FDX-TRU
595134	4172283	0.20288	FDX-TRU
595154	4172283	0.21577	FDX-TRU
595174	4172283	0.23069	FDX-TRU
595574	4172283	1.70126	FDX-TRU
595594	4172283	1.99681	FDX-TRU
595614	4172283	2.24764	FDX-TRU
595634	4172283	2.39137	FDX-TRU
595654	4172283	2.44012	FDX-TRU
595674	4172283	2.40471	FDX-TRU
595694	4172283	2.31315	FDX-TRU
595714	4172283	2.19126	FDX-TRU
595734	4172283	2.0577	FDX-TRU
595754	4172283	1.92297	FDX-TRU
595774	4172283	1.79074	FDX-TRU
595794	4172283	1.66381	FDX-TRU
595814	4172283	1.54399	FDX-TRU
595834	4172283	1.43187	FDX-TRU
595854	4172283	1.32768	FDX-TRU
595874	4172283	1.23159	FDX-TRU
595894	4172283	1.14366	FDX-TRU
595034	4172303	0.14505	FDX-TRU
595054	4172303	0.15308	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595074	4172303	0.16176	FDX-TRU
595094	4172303	0.16992	FDX-TRU
595114	4172303	0.18091	FDX-TRU
595134	4172303	0.19169	FDX-TRU
595154	4172303	0.20364	FDX-TRU
595174	4172303	0.21702	FDX-TRU
595574	4172303	1.40632	FDX-TRU
595594	4172303	1.61018	FDX-TRU
595614	4172303	1.82987	FDX-TRU
595634	4172303	1.95586	FDX-TRU
595654	4172303	2.01649	FDX-TRU
595674	4172303	2.01257	FDX-TRU
595694	4172303	1.96002	FDX-TRU
595714	4172303	1.87749	FDX-TRU
595734	4172303	1.78168	FDX-TRU
595754	4172303	1.68011	FDX-TRU
595774	4172303	1.57792	FDX-TRU
595794	4172303	1.47824	FDX-TRU
595814	4172303	1.38276	FDX-TRU
595834	4172303	1.29219	FDX-TRU
595854	4172303	1.20679	FDX-TRU
595874	4172303	1.12675	FDX-TRU
595034	4172323	0.13898	FDX-TRU
595054	4172323	0.14652	FDX-TRU
595074	4172323	0.15414	FDX-TRU
595094	4172323	0.16182	FDX-TRU
595114	4172323	0.17116	FDX-TRU
595134	4172323	0.18144	FDX-TRU
595154	4172323	0.19232	FDX-TRU
595174	4172323	0.20443	FDX-TRU
595574	4172323	1.1897	FDX-TRU
595594	4172323	1.33396	FDX-TRU
595614	4172323	1.51533	FDX-TRU
595634	4172323	1.62491	FDX-TRU
595654	4172323	1.68875	FDX-TRU
595674	4172323	1.70306	FDX-TRU
595694	4172323	1.67639	FDX-TRU
595714	4172323	1.62215	FDX-TRU
595734	4172323	1.55283	FDX-TRU
595754	4172323	1.47595	FDX-TRU
595774	4172323	1.39657	FDX-TRU
595794	4172323	1.31759	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172323	1.24079	FDX-TRU
595834	4172323	1.16715	FDX-TRU
595854	4172323	1.09706	FDX-TRU
595874	4172323	1.03064	FDX-TRU
595034	4172343	0.1333	FDX-TRU
595054	4172343	0.14018	FDX-TRU
595074	4172343	0.14747	FDX-TRU
595094	4172343	0.15506	FDX-TRU
595114	4172343	0.16285	FDX-TRU
595134	4172343	0.17176	FDX-TRU
595154	4172343	0.18188	FDX-TRU
595574	4172343	1.02434	FDX-TRU
595594	4172343	1.14052	FDX-TRU
595614	4172343	1.27476	FDX-TRU
595634	4172343	1.36791	FDX-TRU
595654	4172343	1.42963	FDX-TRU
595674	4172343	1.45461	FDX-TRU
595694	4172343	1.44596	FDX-TRU
595714	4172343	1.41191	FDX-TRU
595734	4172343	1.36206	FDX-TRU
595754	4172343	1.30388	FDX-TRU
595774	4172343	1.2419	FDX-TRU
595794	4172343	1.17889	FDX-TRU
595814	4172343	1.11661	FDX-TRU
595834	4172343	1.05616	FDX-TRU
595854	4172343	0.99818	FDX-TRU
595874	4172343	0.94294	FDX-TRU
595554	4172363	0.77629	FDX-TRU
595574	4172363	0.88145	FDX-TRU
595594	4172363	0.98797	FDX-TRU
595614	4172363	1.08819	FDX-TRU
595634	4172363	1.16809	FDX-TRU
595654	4172363	1.22535	FDX-TRU
595674	4172363	1.25437	FDX-TRU
595694	4172363	1.25629	FDX-TRU
595714	4172363	1.2363	FDX-TRU
595734	4172363	1.20137	FDX-TRU
595754	4172363	1.15776	FDX-TRU
595774	4172363	1.10944	FDX-TRU
595794	4172363	1.05902	FDX-TRU
595814	4172363	1.00824	FDX-TRU
595834	4172363	0.95824	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595854	4172363	0.90985	FDX-TRU
595874	4172363	0.86344	FDX-TRU
595554	4172383	0.67737	FDX-TRU
595574	4172383	0.75812	FDX-TRU
595594	4172383	0.85649	FDX-TRU
595614	4172383	0.93566	FDX-TRU
595634	4172383	1.00489	FDX-TRU
595654	4172383	1.05805	FDX-TRU
595674	4172383	1.08948	FDX-TRU
595694	4172383	1.09966	FDX-TRU
595714	4172383	1.09026	FDX-TRU
595734	4172383	1.06638	FDX-TRU
595754	4172383	1.0333	FDX-TRU
595774	4172383	0.99529	FDX-TRU
595794	4172383	0.95487	FDX-TRU
595814	4172383	0.91343	FDX-TRU
595834	4172383	0.87206	FDX-TRU
595854	4172383	0.83139	FDX-TRU
595554	4172403	0.6058	FDX-TRU
595574	4172403	0.66417	FDX-TRU
595594	4172403	0.74816	FDX-TRU
595614	4172403	0.81344	FDX-TRU
595634	4172403	0.87294	FDX-TRU
595654	4172403	0.92108	FDX-TRU
595674	4172403	0.95304	FDX-TRU
595694	4172403	0.96657	FDX-TRU
595714	4172403	0.96437	FDX-TRU
595734	4172403	0.94931	FDX-TRU
595754	4172403	0.92581	FDX-TRU
595774	4172403	0.89705	FDX-TRU
595794	4172403	0.86458	FDX-TRU
595814	4172403	0.83048	FDX-TRU
595834	4172403	0.79591	FDX-TRU
595854	4172403	0.76161	FDX-TRU
595074	4172423	0.12237	FDX-TRU
595094	4172423	0.12828	FDX-TRU
595554	4172423	0.54931	FDX-TRU
595574	4172423	0.59299	FDX-TRU
595594	4172423	0.65858	FDX-TRU
595614	4172423	0.71399	FDX-TRU
595634	4172423	0.76524	FDX-TRU
595654	4172423	0.8084	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172423	0.83906	FDX-TRU
595694	4172423	0.85584	FDX-TRU
595714	4172423	0.85875	FDX-TRU
595734	4172423	0.85023	FDX-TRU
595754	4172423	0.83367	FDX-TRU
595774	4172423	0.81111	FDX-TRU
595794	4172423	0.78541	FDX-TRU
595814	4172423	0.75655	FDX-TRU
595834	4172423	0.72728	FDX-TRU
595854	4172423	0.69926	FDX-TRU
595074	4172443	0.11726	FDX-TRU
595094	4172443	0.12314	FDX-TRU
595114	4172443	0.12959	FDX-TRU
595134	4172443	0.13677	FDX-TRU
595534	4172443	0.43983	FDX-TRU
595554	4172443	0.48562	FDX-TRU
595574	4172443	0.53355	FDX-TRU
595594	4172443	0.58397	FDX-TRU
595614	4172443	0.63144	FDX-TRU
595634	4172443	0.67624	FDX-TRU
595654	4172443	0.71488	FDX-TRU
595674	4172443	0.74392	FDX-TRU
595694	4172443	0.76184	FDX-TRU
595714	4172443	0.76859	FDX-TRU
595734	4172443	0.76528	FDX-TRU
595754	4172443	0.75353	FDX-TRU
595774	4172443	0.73643	FDX-TRU
595794	4172443	0.71593	FDX-TRU
595814	4172443	0.69207	FDX-TRU
595834	4172443	0.66736	FDX-TRU
595854	4172443	0.64263	FDX-TRU
595054	4172463	0.10786	FDX-TRU
595074	4172463	0.11301	FDX-TRU
595094	4172463	0.11871	FDX-TRU
595114	4172463	0.12496	FDX-TRU
595534	4172463	0.39755	FDX-TRU
595554	4172463	0.43164	FDX-TRU
595574	4172463	0.47364	FDX-TRU
595594	4172463	0.52086	FDX-TRU
595614	4172463	0.56237	FDX-TRU
595634	4172463	0.60169	FDX-TRU
595654	4172463	0.6365	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172463	0.66376	FDX-TRU
595694	4172463	0.6821	FDX-TRU
595714	4172463	0.69081	FDX-TRU
595734	4172463	0.69075	FDX-TRU
595754	4172463	0.68329	FDX-TRU
595774	4172463	0.67057	FDX-TRU
595794	4172463	0.65466	FDX-TRU
595814	4172463	0.63475	FDX-TRU
595834	4172463	0.61438	FDX-TRU
595054	4172483	0.10325	FDX-TRU
595074	4172483	0.10923	FDX-TRU
595094	4172483	0.11484	FDX-TRU
595114	4172483	0.12074	FDX-TRU
595534	4172483	0.36467	FDX-TRU
595554	4172483	0.39138	FDX-TRU
595574	4172483	0.42899	FDX-TRU
595594	4172483	0.46646	FDX-TRU
595614	4172483	0.50119	FDX-TRU
595634	4172483	0.53712	FDX-TRU
595654	4172483	0.56944	FDX-TRU
595674	4172483	0.59518	FDX-TRU
595694	4172483	0.61338	FDX-TRU
595714	4172483	0.62352	FDX-TRU
595734	4172483	0.62593	FDX-TRU
595754	4172483	0.62182	FDX-TRU
595774	4172483	0.61269	FDX-TRU
595794	4172483	0.59995	FDX-TRU
595814	4172483	0.58391	FDX-TRU
595834	4172483	0.56671	FDX-TRU
595034	4172503	0.09637	FDX-TRU
595054	4172503	0.10065	FDX-TRU
595074	4172503	0.10569	FDX-TRU
595094	4172503	0.11105	FDX-TRU
595114	4172503	0.11669	FDX-TRU
595534	4172503	0.33585	FDX-TRU
595554	4172503	0.35765	FDX-TRU
595574	4172503	0.39072	FDX-TRU
595594	4172503	0.4214	FDX-TRU
595614	4172503	0.45196	FDX-TRU
595634	4172503	0.48326	FDX-TRU
595654	4172503	0.51161	FDX-TRU
595674	4172503	0.53339	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172503	0.55367	FDX-TRU
595714	4172503	0.5647	FDX-TRU
595734	4172503	0.56923	FDX-TRU
595754	4172503	0.56742	FDX-TRU
595774	4172503	0.56129	FDX-TRU
595794	4172503	0.55201	FDX-TRU
595814	4172503	0.53873	FDX-TRU
595834	4172503	0.52426	FDX-TRU
595034	4172523	0.09363	FDX-TRU
595054	4172523	0.09814	FDX-TRU
595074	4172523	0.10287	FDX-TRU
595094	4172523	0.10737	FDX-TRU
595514	4172523	0.28382	FDX-TRU
595534	4172523	0.30601	FDX-TRU
595554	4172523	0.33087	FDX-TRU
595574	4172523	0.36258	FDX-TRU
595594	4172523	0.38711	FDX-TRU
595614	4172523	0.41499	FDX-TRU
595634	4172523	0.43978	FDX-TRU
595654	4172523	0.46144	FDX-TRU
595674	4172523	0.48512	FDX-TRU
595694	4172523	0.50073	FDX-TRU
595714	4172523	0.51228	FDX-TRU
595734	4172523	0.51837	FDX-TRU
595754	4172523	0.51929	FDX-TRU
595774	4172523	0.51553	FDX-TRU
595794	4172523	0.50888	FDX-TRU
595814	4172523	0.49823	FDX-TRU
595834	4172523	0.48615	FDX-TRU
595034	4172543	0.09113	FDX-TRU
595054	4172543	0.09542	FDX-TRU
595074	4172543	0.09963	FDX-TRU
595094	4172543	0.10384	FDX-TRU
595514	4172543	0.26225	FDX-TRU
595534	4172543	0.28055	FDX-TRU
595554	4172543	0.30452	FDX-TRU
595574	4172543	0.33065	FDX-TRU
595594	4172543	0.3531	FDX-TRU
595614	4172543	0.37672	FDX-TRU
595634	4172543	0.40137	FDX-TRU
595654	4172543	0.42292	FDX-TRU
595674	4172543	0.44171	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172543	0.45815	FDX-TRU
595714	4172543	0.47027	FDX-TRU
595734	4172543	0.4742	FDX-TRU
595754	4172543	0.47648	FDX-TRU
595774	4172543	0.47337	FDX-TRU
595794	4172543	0.46992	FDX-TRU
595814	4172543	0.46185	FDX-TRU
595014	4172563	0.08504	FDX-TRU
595034	4172563	0.08879	FDX-TRU
595054	4172563	0.09257	FDX-TRU
595074	4172563	0.09617	FDX-TRU
595094	4172563	0.09971	FDX-TRU
595514	4172563	0.24572	FDX-TRU
595534	4172563	0.26099	FDX-TRU
595554	4172563	0.28564	FDX-TRU
595574	4172563	0.30342	FDX-TRU
595594	4172563	0.32349	FDX-TRU
595614	4172563	0.34463	FDX-TRU
595634	4172563	0.36464	FDX-TRU
595654	4172563	0.38616	FDX-TRU
595674	4172563	0.40317	FDX-TRU
595694	4172563	0.41804	FDX-TRU
595714	4172563	0.42922	FDX-TRU
595734	4172563	0.43696	FDX-TRU
595754	4172563	0.43845	FDX-TRU
595774	4172563	0.4373	FDX-TRU
595794	4172563	0.43581	FDX-TRU
595814	4172563	0.4291	FDX-TRU
595014	4172583	0.08295	FDX-TRU
595034	4172583	0.08627	FDX-TRU
595054	4172583	0.08958	FDX-TRU
595074	4172583	0.09256	FDX-TRU
595494	4172583	0.21293	FDX-TRU
595514	4172583	0.22832	FDX-TRU
595534	4172583	0.24298	FDX-TRU
595554	4172583	0.2633	FDX-TRU
595574	4172583	0.27981	FDX-TRU
595594	4172583	0.29787	FDX-TRU
595614	4172583	0.3174	FDX-TRU
595634	4172583	0.33468	FDX-TRU
595654	4172583	0.35317	FDX-TRU
595674	4172583	0.36943	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172583	0.38336	FDX-TRU
595714	4172583	0.39426	FDX-TRU
595734	4172583	0.40252	FDX-TRU
595754	4172583	0.40505	FDX-TRU
595774	4172583	0.40673	FDX-TRU
595794	4172583	0.40469	FDX-TRU
595814	4172583	0.39968	FDX-TRU
595034	4172603	0.08375	FDX-TRU
595054	4172603	0.08639	FDX-TRU
595074	4172603	0.08878	FDX-TRU
595494	4172603	0.19939	FDX-TRU
595514	4172603	0.2109	FDX-TRU
595534	4172603	0.22666	FDX-TRU
595554	4172603	0.24441	FDX-TRU
595574	4172603	0.25901	FDX-TRU
595594	4172603	0.27529	FDX-TRU
595614	4172603	0.29314	FDX-TRU
595634	4172603	0.30976	FDX-TRU
595654	4172603	0.32476	FDX-TRU
595674	4172603	0.33967	FDX-TRU
595694	4172603	0.35269	FDX-TRU
595714	4172603	0.36319	FDX-TRU
595734	4172603	0.37099	FDX-TRU
595754	4172603	0.37433	FDX-TRU
595774	4172603	0.3776	FDX-TRU
595794	4172603	0.37609	FDX-TRU
595474	4172623	0.17632	FDX-TRU
595494	4172623	0.1889	FDX-TRU
595514	4172623	0.19817	FDX-TRU
595534	4172623	0.2119	FDX-TRU
595554	4172623	0.2253	FDX-TRU
595574	4172623	0.24093	FDX-TRU
595594	4172623	0.25629	FDX-TRU
595614	4172623	0.26883	FDX-TRU
595634	4172623	0.28552	FDX-TRU
595654	4172623	0.30022	FDX-TRU
595674	4172623	0.31393	FDX-TRU
595694	4172623	0.32547	FDX-TRU
595714	4172623	0.33579	FDX-TRU
595734	4172623	0.34248	FDX-TRU
595754	4172623	0.34813	FDX-TRU
595774	4172623	0.35086	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172623	0.35035	FDX-TRU
595814	4172623	0.34771	FDX-TRU
595474	4172643	0.16596	FDX-TRU
595494	4172643	0.17451	FDX-TRU
595514	4172643	0.1868	FDX-TRU
595534	4172643	0.19786	FDX-TRU
595554	4172643	0.20985	FDX-TRU
595574	4172643	0.22192	FDX-TRU
595594	4172643	0.23515	FDX-TRU
595614	4172643	0.25165	FDX-TRU
595634	4172643	0.26401	FDX-TRU
595654	4172643	0.27795	FDX-TRU
595674	4172643	0.29016	FDX-TRU
595694	4172643	0.30126	FDX-TRU
595714	4172643	0.31073	FDX-TRU
595734	4172643	0.31777	FDX-TRU
595754	4172643	0.32395	FDX-TRU
595774	4172643	0.32642	FDX-TRU
595794	4172643	0.32683	FDX-TRU
595814	4172643	0.32522	FDX-TRU
595474	4172663	0.15683	FDX-TRU
595494	4172663	0.16474	FDX-TRU
595514	4172663	0.17549	FDX-TRU
595534	4172663	0.18558	FDX-TRU
595554	4172663	0.19632	FDX-TRU
595574	4172663	0.20735	FDX-TRU
595594	4172663	0.21944	FDX-TRU
595614	4172663	0.23338	FDX-TRU
595634	4172663	0.2451	FDX-TRU
595654	4172663	0.2573	FDX-TRU
595674	4172663	0.26875	FDX-TRU
595694	4172663	0.28	FDX-TRU
595714	4172663	0.28764	FDX-TRU
595734	4172663	0.29548	FDX-TRU
595754	4172663	0.30161	FDX-TRU
595774	4172663	0.30436	FDX-TRU
595794	4172663	0.30546	FDX-TRU
595814	4172663	0.30472	FDX-TRU
595454	4172683	0.14057	FDX-TRU
595474	4172683	0.14797	FDX-TRU
595494	4172683	0.15614	FDX-TRU
595514	4172683	0.1654	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172683	0.17455	FDX-TRU
595554	4172683	0.18427	FDX-TRU
595574	4172683	0.19441	FDX-TRU
595594	4172683	0.20674	FDX-TRU
595614	4172683	0.21735	FDX-TRU
595634	4172683	0.22843	FDX-TRU
595654	4172683	0.23948	FDX-TRU
595674	4172683	0.25001	FDX-TRU
595694	4172683	0.26065	FDX-TRU
595714	4172683	0.26837	FDX-TRU
595734	4172683	0.27624	FDX-TRU
595754	4172683	0.28087	FDX-TRU
595774	4172683	0.28351	FDX-TRU
595794	4172683	0.28546	FDX-TRU
595814	4172683	0.28551	FDX-TRU
595474	4172703	0.13984	FDX-TRU
595494	4172703	0.14683	FDX-TRU
595514	4172703	0.15501	FDX-TRU
595534	4172703	0.16426	FDX-TRU
595554	4172703	0.17347	FDX-TRU
595574	4172703	0.18258	FDX-TRU
595594	4172703	0.19405	FDX-TRU
595614	4172703	0.20325	FDX-TRU
595634	4172703	0.21337	FDX-TRU
595654	4172703	0.22339	FDX-TRU
595674	4172703	0.23327	FDX-TRU
595694	4172703	0.24208	FDX-TRU
595714	4172703	0.24983	FDX-TRU
595734	4172703	0.25799	FDX-TRU
595754	4172703	0.26245	FDX-TRU
595774	4172703	0.26576	FDX-TRU
595794	4172703	0.2676	FDX-TRU
595814	4172703	0.268	FDX-TRU
595834	4172703	0.26726	FDX-TRU
595294	4172723	0.08962	FDX-TRU
595314	4172723	0.09324	FDX-TRU
595514	4172723	0.14723	FDX-TRU
595534	4172723	0.1544	FDX-TRU
595554	4172723	0.16239	FDX-TRU
595574	4172723	0.17151	FDX-TRU
595594	4172723	0.18242	FDX-TRU
595614	4172723	0.1909	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172723	0.19978	FDX-TRU
595654	4172723	0.20894	FDX-TRU
595674	4172723	0.21838	FDX-TRU
595694	4172723	0.22602	FDX-TRU
595714	4172723	0.23458	FDX-TRU
595734	4172723	0.24102	FDX-TRU
595754	4172723	0.24535	FDX-TRU
595774	4172723	0.24896	FDX-TRU
595794	4172723	0.24998	FDX-TRU
595814	4172723	0.25105	FDX-TRU
595834	4172723	0.25095	FDX-TRU
595294	4172743	0.08618	FDX-TRU
595314	4172743	0.08951	FDX-TRU
595334	4172743	0.09326	FDX-TRU
595354	4172743	0.09776	FDX-TRU
595374	4172743	0.10184	FDX-TRU
595534	4172743	0.14704	FDX-TRU
595554	4172743	0.15416	FDX-TRU
595574	4172743	0.16129	FDX-TRU
595594	4172743	0.1694	FDX-TRU
595614	4172743	0.17808	FDX-TRU
595634	4172743	0.1881	FDX-TRU
595654	4172743	0.19624	FDX-TRU
595674	4172743	0.20424	FDX-TRU
595694	4172743	0.21146	FDX-TRU
595714	4172743	0.21952	FDX-TRU
595734	4172743	0.22569	FDX-TRU
595754	4172743	0.23004	FDX-TRU
595774	4172743	0.23284	FDX-TRU
595794	4172743	0.23541	FDX-TRU
595814	4172743	0.23685	FDX-TRU
595834	4172743	0.2371	FDX-TRU
595274	4172763	0.07997	FDX-TRU
595294	4172763	0.08303	FDX-TRU
595314	4172763	0.08606	FDX-TRU
595334	4172763	0.08962	FDX-TRU
595354	4172763	0.09372	FDX-TRU
595374	4172763	0.09718	FDX-TRU
595394	4172763	0.10143	FDX-TRU
595414	4172763	0.1059	FDX-TRU
595534	4172763	0.13925	FDX-TRU
595554	4172763	0.14595	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172763	0.153	FDX-TRU
595594	4172763	0.16017	FDX-TRU
595614	4172763	0.16726	FDX-TRU
595634	4172763	0.17477	FDX-TRU
595654	4172763	0.18286	FDX-TRU
595674	4172763	0.19086	FDX-TRU
595694	4172763	0.19817	FDX-TRU
595714	4172763	0.20546	FDX-TRU
595734	4172763	0.21144	FDX-TRU
595754	4172763	0.216	FDX-TRU
595774	4172763	0.21939	FDX-TRU
595794	4172763	0.2221	FDX-TRU
595814	4172763	0.22376	FDX-TRU
594934	4172783	0.05378	FDX-TRU
594954	4172783	0.05409	FDX-TRU
594974	4172783	0.05442	FDX-TRU
595274	4172783	0.07693	FDX-TRU
595294	4172783	0.07991	FDX-TRU
595314	4172783	0.08326	FDX-TRU
595334	4172783	0.08649	FDX-TRU
595354	4172783	0.0895	FDX-TRU
595374	4172783	0.09296	FDX-TRU
595394	4172783	0.09676	FDX-TRU
595414	4172783	0.10084	FDX-TRU
595434	4172783	0.10525	FDX-TRU
595454	4172783	0.11015	FDX-TRU
595514	4172783	0.12615	FDX-TRU
595534	4172783	0.13213	FDX-TRU
595554	4172783	0.13828	FDX-TRU
595574	4172783	0.14485	FDX-TRU
595594	4172783	0.15132	FDX-TRU
595614	4172783	0.1582	FDX-TRU
595634	4172783	0.16512	FDX-TRU
595654	4172783	0.17217	FDX-TRU
595674	4172783	0.17898	FDX-TRU
595694	4172783	0.18582	FDX-TRU
595714	4172783	0.19308	FDX-TRU
595734	4172783	0.19906	FDX-TRU
595754	4172783	0.20396	FDX-TRU
595774	4172783	0.20799	FDX-TRU
595794	4172783	0.2109	FDX-TRU
595814	4172783	0.21213	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594894	4172803	0.05042	FDX-TRU
594914	4172803	0.05099	FDX-TRU
594934	4172803	0.05146	FDX-TRU
594954	4172803	0.05174	FDX-TRU
594974	4172803	0.05199	FDX-TRU
595274	4172803	0.07398	FDX-TRU
595294	4172803	0.07668	FDX-TRU
595314	4172803	0.07977	FDX-TRU
595334	4172803	0.08324	FDX-TRU
595354	4172803	0.08608	FDX-TRU
595374	4172803	0.08927	FDX-TRU
595394	4172803	0.09272	FDX-TRU
595414	4172803	0.09649	FDX-TRU
595434	4172803	0.10046	FDX-TRU
595454	4172803	0.10478	FDX-TRU
595474	4172803	0.10961	FDX-TRU
595494	4172803	0.11483	FDX-TRU
595514	4172803	0.12024	FDX-TRU
595534	4172803	0.12566	FDX-TRU
595554	4172803	0.13126	FDX-TRU
595574	4172803	0.13726	FDX-TRU
595594	4172803	0.14316	FDX-TRU
595614	4172803	0.14953	FDX-TRU
595634	4172803	0.156	FDX-TRU
595654	4172803	0.16253	FDX-TRU
595674	4172803	0.16902	FDX-TRU
595694	4172803	0.17504	FDX-TRU
595714	4172803	0.18083	FDX-TRU
595734	4172803	0.18654	FDX-TRU
595754	4172803	0.19137	FDX-TRU
595774	4172803	0.19532	FDX-TRU
595794	4172803	0.19821	FDX-TRU
595814	4172803	0.20013	FDX-TRU
594874	4172823	0.04797	FDX-TRU
594894	4172823	0.04854	FDX-TRU
594914	4172823	0.04896	FDX-TRU
594934	4172823	0.04925	FDX-TRU
594954	4172823	0.04944	FDX-TRU
595254	4172823	0.06881	FDX-TRU
595274	4172823	0.07129	FDX-TRU
595294	4172823	0.07394	FDX-TRU
595314	4172823	0.07699	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595334	4172823	0.07984	FDX-TRU
595354	4172823	0.0827	FDX-TRU
595374	4172823	0.08586	FDX-TRU
595394	4172823	0.08905	FDX-TRU
595414	4172823	0.09243	FDX-TRU
595434	4172823	0.09617	FDX-TRU
595454	4172823	0.10018	FDX-TRU
595474	4172823	0.10448	FDX-TRU
595494	4172823	0.10922	FDX-TRU
595514	4172823	0.11421	FDX-TRU
595534	4172823	0.11947	FDX-TRU
595554	4172823	0.12486	FDX-TRU
595574	4172823	0.13033	FDX-TRU
595594	4172823	0.13582	FDX-TRU
595614	4172823	0.14163	FDX-TRU
595634	4172823	0.14752	FDX-TRU
595654	4172823	0.1536	FDX-TRU
595674	4172823	0.15966	FDX-TRU
595694	4172823	0.16482	FDX-TRU
595714	4172823	0.17033	FDX-TRU
595734	4172823	0.17574	FDX-TRU
595754	4172823	0.18034	FDX-TRU
595774	4172823	0.18416	FDX-TRU
595794	4172823	0.18713	FDX-TRU
595814	4172823	0.18913	FDX-TRU
594874	4172843	0.04633	FDX-TRU
594894	4172843	0.04662	FDX-TRU
594914	4172843	0.04691	FDX-TRU
594934	4172843	0.04711	FDX-TRU
594954	4172843	0.04725	FDX-TRU
595254	4172843	0.06642	FDX-TRU
595274	4172843	0.06891	FDX-TRU
595294	4172843	0.07144	FDX-TRU
595314	4172843	0.07431	FDX-TRU
595334	4172843	0.0768	FDX-TRU
595354	4172843	0.07959	FDX-TRU
595374	4172843	0.08251	FDX-TRU
595394	4172843	0.08553	FDX-TRU
595414	4172843	0.08879	FDX-TRU
595434	4172843	0.09224	FDX-TRU
595454	4172843	0.096	FDX-TRU
595474	4172843	0.09991	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4172843	0.1043	FDX-TRU
595514	4172843	0.10893	FDX-TRU
595534	4172843	0.11364	FDX-TRU
595554	4172843	0.11858	FDX-TRU
595574	4172843	0.12379	FDX-TRU
595594	4172843	0.12899	FDX-TRU
595614	4172843	0.13414	FDX-TRU
595634	4172843	0.1397	FDX-TRU
595654	4172843	0.14531	FDX-TRU
595674	4172843	0.1509	FDX-TRU
595694	4172843	0.15519	FDX-TRU
595714	4172843	0.16114	FDX-TRU
595734	4172843	0.16613	FDX-TRU
595754	4172843	0.17056	FDX-TRU
595774	4172843	0.1743	FDX-TRU
595794	4172843	0.17729	FDX-TRU
595814	4172843	0.17944	FDX-TRU
594854	4172863	0.04426	FDX-TRU
594874	4172863	0.04461	FDX-TRU
594894	4172863	0.04474	FDX-TRU
594914	4172863	0.04487	FDX-TRU
594934	4172863	0.04506	FDX-TRU
595234	4172863	0.062	FDX-TRU
595254	4172863	0.06414	FDX-TRU
595274	4172863	0.06644	FDX-TRU
595294	4172863	0.06908	FDX-TRU
595314	4172863	0.07159	FDX-TRU
595334	4172863	0.07408	FDX-TRU
595354	4172863	0.07663	FDX-TRU
595374	4172863	0.07942	FDX-TRU
595394	4172863	0.08217	FDX-TRU
595414	4172863	0.08524	FDX-TRU
595434	4172863	0.08853	FDX-TRU
595454	4172863	0.09216	FDX-TRU
595474	4172863	0.09587	FDX-TRU
595494	4172863	0.09988	FDX-TRU
595514	4172863	0.10406	FDX-TRU
595534	4172863	0.10835	FDX-TRU
595554	4172863	0.11292	FDX-TRU
595574	4172863	0.11786	FDX-TRU
595594	4172863	0.12273	FDX-TRU
595614	4172863	0.12779	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172863	0.13244	FDX-TRU
595654	4172863	0.13759	FDX-TRU
595674	4172863	0.14256	FDX-TRU
595694	4172863	0.14731	FDX-TRU
595714	4172863	0.15252	FDX-TRU
595734	4172863	0.15725	FDX-TRU
595754	4172863	0.1615	FDX-TRU
595774	4172863	0.16514	FDX-TRU
595794	4172863	0.16811	FDX-TRU
594854	4172883	0.04258	FDX-TRU
594874	4172883	0.04276	FDX-TRU
594894	4172883	0.04286	FDX-TRU
594914	4172883	0.04295	FDX-TRU
595234	4172883	0.06003	FDX-TRU
595254	4172883	0.06208	FDX-TRU
595274	4172883	0.06425	FDX-TRU
595294	4172883	0.06664	FDX-TRU
595314	4172883	0.06894	FDX-TRU
595334	4172883	0.07146	FDX-TRU
595354	4172883	0.07403	FDX-TRU
595374	4172883	0.07663	FDX-TRU
595394	4172883	0.07914	FDX-TRU
595414	4172883	0.08197	FDX-TRU
595434	4172883	0.08518	FDX-TRU
595454	4172883	0.08838	FDX-TRU
595474	4172883	0.09192	FDX-TRU
595494	4172883	0.09563	FDX-TRU
595514	4172883	0.09965	FDX-TRU
595534	4172883	0.10367	FDX-TRU
595554	4172883	0.10794	FDX-TRU
595574	4172883	0.1124	FDX-TRU
595594	4172883	0.11671	FDX-TRU
595614	4172883	0.12122	FDX-TRU
595634	4172883	0.12591	FDX-TRU
595654	4172883	0.13078	FDX-TRU
595674	4172883	0.13454	FDX-TRU
595694	4172883	0.13978	FDX-TRU
595714	4172883	0.14456	FDX-TRU
595734	4172883	0.14905	FDX-TRU
595754	4172883	0.15312	FDX-TRU
595774	4172883	0.15666	FDX-TRU
595794	4172883	0.15959	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594854	4172903	0.04093	FDX-TRU
594874	4172903	0.04102	FDX-TRU
594894	4172903	0.04107	FDX-TRU
594914	4172903	0.04115	FDX-TRU
595234	4172903	0.05817	FDX-TRU
595254	4172903	0.06013	FDX-TRU
595274	4172903	0.06222	FDX-TRU
595294	4172903	0.06441	FDX-TRU
595314	4172903	0.06657	FDX-TRU
595334	4172903	0.06893	FDX-TRU
595354	4172903	0.0712	FDX-TRU
595374	4172903	0.07368	FDX-TRU
595394	4172903	0.07637	FDX-TRU
595414	4172903	0.07908	FDX-TRU
595434	4172903	0.08191	FDX-TRU
595454	4172903	0.08492	FDX-TRU
595474	4172903	0.08817	FDX-TRU
595494	4172903	0.09169	FDX-TRU
595514	4172903	0.09532	FDX-TRU
595534	4172903	0.0991	FDX-TRU
595554	4172903	0.10316	FDX-TRU
595574	4172903	0.10727	FDX-TRU
595594	4172903	0.11119	FDX-TRU
595614	4172903	0.11533	FDX-TRU
595634	4172903	0.11974	FDX-TRU
595654	4172903	0.12418	FDX-TRU
595674	4172903	0.12776	FDX-TRU
595694	4172903	0.13272	FDX-TRU
595714	4172903	0.13721	FDX-TRU
595734	4172903	0.14147	FDX-TRU
595754	4172903	0.14536	FDX-TRU
595774	4172903	0.1488	FDX-TRU
595794	4172903	0.15169	FDX-TRU
594854	4172923	0.03929	FDX-TRU
594874	4172923	0.03935	FDX-TRU
594894	4172923	0.03939	FDX-TRU
594914	4172923	0.0395	FDX-TRU
595254	4172923	0.05831	FDX-TRU
595274	4172923	0.06028	FDX-TRU
595294	4172923	0.06228	FDX-TRU
595314	4172923	0.06436	FDX-TRU
595334	4172923	0.06658	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595354	4172923	0.06867	FDX-TRU
595374	4172923	0.07093	FDX-TRU
595394	4172923	0.07334	FDX-TRU
595414	4172923	0.07596	FDX-TRU
595434	4172923	0.07879	FDX-TRU
595454	4172923	0.0817	FDX-TRU
595474	4172923	0.08479	FDX-TRU
595494	4172923	0.08794	FDX-TRU
595514	4172923	0.09133	FDX-TRU
595534	4172923	0.09484	FDX-TRU
595554	4172923	0.09866	FDX-TRU
595574	4172923	0.10236	FDX-TRU
595594	4172923	0.10611	FDX-TRU
595614	4172923	0.11011	FDX-TRU
595634	4172923	0.1141	FDX-TRU
595654	4172923	0.11739	FDX-TRU
595674	4172923	0.12184	FDX-TRU
595694	4172923	0.12618	FDX-TRU
595714	4172923	0.13041	FDX-TRU
595734	4172923	0.13444	FDX-TRU
595754	4172923	0.13816	FDX-TRU
595774	4172923	0.14148	FDX-TRU
595314	4172943	0.06229	FDX-TRU
595334	4172943	0.06427	FDX-TRU
595354	4172943	0.06632	FDX-TRU
595374	4172943	0.06844	FDX-TRU
595394	4172943	0.07076	FDX-TRU
595414	4172943	0.07313	FDX-TRU
595434	4172943	0.07571	FDX-TRU
595454	4172943	0.07846	FDX-TRU
595474	4172943	0.08142	FDX-TRU
595494	4172943	0.08454	FDX-TRU
595514	4172943	0.08773	FDX-TRU
595534	4172943	0.09102	FDX-TRU
595554	4172943	0.09444	FDX-TRU
595574	4172943	0.09779	FDX-TRU
595594	4172943	0.10138	FDX-TRU
595614	4172943	0.10512	FDX-TRU
595634	4172943	0.10881	FDX-TRU
595654	4172943	0.11164	FDX-TRU
595674	4172943	0.11588	FDX-TRU
595694	4172943	0.12011	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172943	0.12409	FDX-TRU
595734	4172943	0.12791	FDX-TRU
595754	4172943	0.13146	FDX-TRU
595774	4172943	0.13466	FDX-TRU
595314	4172963	0.06024	FDX-TRU
595334	4172963	0.06221	FDX-TRU
595354	4172963	0.06412	FDX-TRU
595374	4172963	0.06612	FDX-TRU
595394	4172963	0.06823	FDX-TRU
595414	4172963	0.07047	FDX-TRU
595434	4172963	0.07291	FDX-TRU
595454	4172963	0.07548	FDX-TRU
595474	4172963	0.07814	FDX-TRU
595494	4172963	0.08112	FDX-TRU
595514	4172963	0.08416	FDX-TRU
595534	4172963	0.08728	FDX-TRU
595554	4172963	0.09046	FDX-TRU
595574	4172963	0.09367	FDX-TRU
595594	4172963	0.09698	FDX-TRU
595614	4172963	0.10046	FDX-TRU
595634	4172963	0.10341	FDX-TRU
595654	4172963	0.10681	FDX-TRU
595674	4172963	0.11059	FDX-TRU
595694	4172963	0.11437	FDX-TRU
595714	4172963	0.11811	FDX-TRU
595734	4172963	0.12174	FDX-TRU
595754	4172963	0.12514	FDX-TRU
595314	4172983	0.05835	FDX-TRU
595334	4172983	0.06018	FDX-TRU
595354	4172983	0.06201	FDX-TRU
595374	4172983	0.0639	FDX-TRU
595394	4172983	0.06591	FDX-TRU
595414	4172983	0.06801	FDX-TRU
595434	4172983	0.07031	FDX-TRU
595454	4172983	0.07275	FDX-TRU
595474	4172983	0.07524	FDX-TRU
595494	4172983	0.07801	FDX-TRU
595514	4172983	0.08077	FDX-TRU
595534	4172983	0.0837	FDX-TRU
595554	4172983	0.08672	FDX-TRU
595574	4172983	0.08965	FDX-TRU
595594	4172983	0.09277	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172983	0.09606	FDX-TRU
595634	4172983	0.09844	FDX-TRU
595654	4172983	0.10221	FDX-TRU
595674	4172983	0.10573	FDX-TRU
595694	4172983	0.1093	FDX-TRU
595714	4172983	0.11284	FDX-TRU
595734	4172983	0.11627	FDX-TRU
595754	4172983	0.11952	FDX-TRU
595314	4173003	0.05662	FDX-TRU
595334	4173003	0.05822	FDX-TRU
595354	4173003	0.05996	FDX-TRU
595374	4173003	0.06177	FDX-TRU
595394	4173003	0.06364	FDX-TRU
595414	4173003	0.06567	FDX-TRU
595434	4173003	0.06783	FDX-TRU
595454	4173003	0.07015	FDX-TRU
595474	4173003	0.07253	FDX-TRU
595494	4173003	0.07508	FDX-TRU
595514	4173003	0.0777	FDX-TRU
595534	4173003	0.08043	FDX-TRU
595554	4173003	0.08323	FDX-TRU
595574	4173003	0.08595	FDX-TRU
595594	4173003	0.08888	FDX-TRU
595614	4173003	0.0917	FDX-TRU
595634	4173003	0.09443	FDX-TRU
595654	4173003	0.09776	FDX-TRU
595674	4173003	0.10106	FDX-TRU
595694	4173003	0.10442	FDX-TRU
595714	4173003	0.10776	FDX-TRU
595734	4173003	0.11101	FDX-TRU
595294	4173023	0.05324	FDX-TRU
595314	4173023	0.05478	FDX-TRU
595334	4173023	0.05639	FDX-TRU
595354	4173023	0.05804	FDX-TRU
595374	4173023	0.05974	FDX-TRU
595394	4173023	0.06154	FDX-TRU
595414	4173023	0.06345	FDX-TRU
595434	4173023	0.06544	FDX-TRU
595454	4173023	0.0676	FDX-TRU
595474	4173023	0.0699	FDX-TRU
595494	4173023	0.07234	FDX-TRU
595514	4173023	0.0748	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4173023	0.07736	FDX-TRU
595554	4173023	0.07995	FDX-TRU
595574	4173023	0.08256	FDX-TRU
595594	4173023	0.08532	FDX-TRU
595614	4173023	0.08742	FDX-TRU
595634	4173023	0.0906	FDX-TRU
595654	4173023	0.09361	FDX-TRU
595674	4173023	0.09671	FDX-TRU
595694	4173023	0.09986	FDX-TRU
595714	4173023	0.10301	FDX-TRU
595294	4173043	0.0517	FDX-TRU
595314	4173043	0.05315	FDX-TRU
595334	4173043	0.05467	FDX-TRU
595354	4173043	0.05621	FDX-TRU
595374	4173043	0.05783	FDX-TRU
595394	4173043	0.05953	FDX-TRU
595414	4173043	0.0613	FDX-TRU
595434	4173043	0.0632	FDX-TRU
595454	4173043	0.06524	FDX-TRU
595474	4173043	0.0674	FDX-TRU
595494	4173043	0.06972	FDX-TRU
595514	4173043	0.07204	FDX-TRU
595534	4173043	0.0744	FDX-TRU
595554	4173043	0.07686	FDX-TRU
595574	4173043	0.07936	FDX-TRU
595594	4173043	0.08189	FDX-TRU
595614	4173043	0.08394	FDX-TRU
595634	4173043	0.0869	FDX-TRU
595654	4173043	0.08972	FDX-TRU
595674	4173043	0.09263	FDX-TRU
595694	4173043	0.0956	FDX-TRU
595294	4173063	0.05022	FDX-TRU
595314	4173063	0.0516	FDX-TRU
595334	4173063	0.05302	FDX-TRU
595354	4173063	0.05448	FDX-TRU
595374	4173063	0.056	FDX-TRU
595394	4173063	0.05756	FDX-TRU
595414	4173063	0.05923	FDX-TRU
595434	4173063	0.06105	FDX-TRU
595454	4173063	0.06303	FDX-TRU
595474	4173063	0.0651	FDX-TRU
595494	4173063	0.0673	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4173063	0.06948	FDX-TRU
595534	4173063	0.07167	FDX-TRU
595554	4173063	0.07399	FDX-TRU
595574	4173063	0.07628	FDX-TRU
595594	4173063	0.07839	FDX-TRU
595614	4173063	0.08079	FDX-TRU
595634	4173063	0.08344	FDX-TRU
595654	4173063	0.08608	FDX-TRU
595354	4173083	0.05281	FDX-TRU
595374	4173083	0.0542	FDX-TRU
595394	4173083	0.05567	FDX-TRU
595414	4173083	0.05727	FDX-TRU
595434	4173083	0.05901	FDX-TRU
595454	4173083	0.06092	FDX-TRU
595474	4173083	0.06293	FDX-TRU
595494	4173083	0.06511	FDX-TRU
595514	4173083	0.06718	FDX-TRU
595534	4173083	0.0691	FDX-TRU
595554	4173083	0.07131	FDX-TRU
595574	4173083	0.07343	FDX-TRU
595594	4173083	0.07567	FDX-TRU
595614	4173083	0.07748	FDX-TRU
595334	4173103	0.04988	FDX-TRU
595354	4173103	0.05117	FDX-TRU
595374	4173103	0.05249	FDX-TRU
595394	4173103	0.05389	FDX-TRU
595414	4173103	0.05541	FDX-TRU
595434	4173103	0.05708	FDX-TRU
595454	4173103	0.05893	FDX-TRU
595474	4173103	0.06089	FDX-TRU
595494	4173103	0.06293	FDX-TRU
595514	4173103	0.06466	FDX-TRU
595534	4173103	0.0667	FDX-TRU
595334	4173123	0.04837	FDX-TRU
595354	4173123	0.04959	FDX-TRU
595374	4173123	0.05085	FDX-TRU
595394	4173123	0.0522	FDX-TRU
595414	4173123	0.05367	FDX-TRU
595434	4173123	0.05528	FDX-TRU
595454	4173123	0.05706	FDX-TRU
595474	4173123	0.05897	FDX-TRU
595494	4173123	0.06085	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4173123	0.06247	FDX-TRU
595354	4173143	0.04811	FDX-TRU
595374	4173143	0.04933	FDX-TRU
595394	4173143	0.05065	FDX-TRU
595414	4173143	0.05222	FDX-TRU
595434	4173143	0.05373	FDX-TRU
595494	4173143	0.05867	FDX-TRU
595354	4173163	0.04676	FDX-TRU
595374	4173163	0.04791	FDX-TRU
595394	4173163	0.04916	FDX-TRU
595414	4173163	0.05061	FDX-TRU
595434	4173163	0.05204	FDX-TRU
595374	4173183	0.04656	FDX-TRU
595394	4173183	0.04774	FDX-TRU
595414	4173183	0.04903	FDX-TRU
595434	4173183	0.05041	FDX-TRU
595203.12	4172931.43	0.05333	FDX-TRU
595305.29	4173022.49	0.05413	FDX-TRU
596059.85	4172738.92	0.2034	FDX-TRU
595782.4	4171913.24	2.36696	FDX-TRU
595790.49	4171877.76	1.6402	FDX-TRU
595826.59	4171700.37	0.3877	FDX-TRU
595857.85	4171568.4	0.19675	FDX-TRU
595427.66	4172811.08	0.09742	FDX-TRU
595616.96	4172890.78	0.11955	FDX-TRU
595465.61	4172972.42	0.07563	FDX-TRU
595413.93	4172953.11	0.07176	FDX-TRU
595207.62	4172857.58	0.05983	FDX-TRU
595229.35	4172793.73	0.06931	FDX-TRU
595251.41	4172717.21	0.08324	FDX-TRU
595276.16	4172654.64	0.09991	FDX-TRU
595286.24	4171790.65	1.09099	FDX-TRU
595306.24	4171790.65	1.07	FDX-TRU
595326.24	4171790.65	1.04016	FDX-TRU
595266.24	4171810.65	1.25629	FDX-TRU
595286.24	4171810.65	1.25367	FDX-TRU
595306.24	4171810.65	1.24579	FDX-TRU
595326.24	4171810.65	1.22064	FDX-TRU
595246.24	4171830.65	1.40443	FDX-TRU
595266.24	4171830.65	1.42834	FDX-TRU
595286.24	4171830.65	1.44278	FDX-TRU
595306.24	4171830.65	1.44759	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595326.24	4171830.65	1.43588	FDX-TRU
595226.24	4171850.65	1.51376	FDX-TRU
595246.24	4171850.65	1.5728	FDX-TRU
595266.24	4171850.65	1.62076	FDX-TRU
595286.24	4171850.65	1.65761	FDX-TRU
595306.24	4171850.65	1.68141	FDX-TRU
595326.24	4171850.65	1.68908	FDX-TRU
595206.24	4171870.65	1.56607	FDX-TRU
595226.24	4171870.65	1.65582	FDX-TRU
595246.24	4171870.65	1.74126	FDX-TRU
595266.24	4171870.65	1.81894	FDX-TRU
595286.24	4171870.65	1.88794	FDX-TRU
595306.24	4171870.65	1.94361	FDX-TRU
595186.24	4171890.65	1.54318	FDX-TRU
595206.24	4171890.65	1.65913	FDX-TRU
595226.24	4171890.65	1.77791	FDX-TRU
595246.24	4171890.65	1.89803	FDX-TRU
595266.24	4171890.65	2.01522	FDX-TRU
595286.24	4171890.65	2.12682	FDX-TRU
595306.24	4171890.65	2.22731	FDX-TRU
595186.24	4171910.65	1.58047	FDX-TRU
595206.24	4171910.65	1.7198	FDX-TRU
595226.24	4171910.65	1.86947	FDX-TRU
595246.24	4171910.65	2.02758	FDX-TRU
595266.24	4171910.65	2.19067	FDX-TRU
595286.24	4171910.65	2.35344	FDX-TRU
595306.24	4171910.65	2.51422	FDX-TRU
595166.24	4171930.65	1.44086	FDX-TRU
595186.24	4171930.65	1.58385	FDX-TRU
595206.24	4171930.65	1.74375	FDX-TRU
595226.24	4171930.65	1.91857	FDX-TRU
595246.24	4171930.65	2.11327	FDX-TRU
595266.24	4171930.65	2.3211	FDX-TRU
595286.24	4171930.65	2.54252	FDX-TRU
595166.24	4171950.65	1.40312	FDX-TRU
595186.24	4171950.65	1.55271	FDX-TRU
595206.24	4171950.65	1.72394	FDX-TRU
595226.24	4171950.65	1.91631	FDX-TRU
595246.24	4171950.65	2.13925	FDX-TRU
595266.24	4171950.65	2.38726	FDX-TRU
595286.24	4171950.65	2.66449	FDX-TRU
595146.24	4171970.65	1.20623	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595166.24	4171970.65	1.33609	FDX-TRU
595186.24	4171970.65	1.48784	FDX-TRU
595206.24	4171970.65	1.66284	FDX-TRU
595226.24	4171970.65	1.86476	FDX-TRU
595246.24	4171970.65	2.10485	FDX-TRU
595266.24	4171970.65	2.37844	FDX-TRU
595146.24	4171990.65	1.12625	FDX-TRU
595166.24	4171990.65	1.25043	FDX-TRU
595186.24	4171990.65	1.39631	FDX-TRU
595206.24	4171990.65	1.56634	FDX-TRU
595852.66	4171825.33	1.03855	FDX-TRU
595852.66	4171845.33	1.22101	FDX-TRU
595852.66	4171865.33	1.43496	FDX-TRU
595872.66	4171865.33	1.40661	FDX-TRU
595892.66	4171865.33	1.37061	FDX-TRU
595832.66	4171885.33	1.7244	FDX-TRU
595852.66	4171885.33	1.67861	FDX-TRU
595872.66	4171885.33	1.62366	FDX-TRU
595892.66	4171885.33	1.56197	FDX-TRU
595832.66	4171905.33	2.03092	FDX-TRU
595852.66	4171905.33	1.9439	FDX-TRU
595872.66	4171905.33	1.85161	FDX-TRU
595892.66	4171905.33	1.76049	FDX-TRU
595912.66	4171905.33	1.67163	FDX-TRU
595832.66	4171925.33	2.37164	FDX-TRU
595852.66	4171925.33	2.23456	FDX-TRU
595872.66	4171925.33	2.09977	FDX-TRU
595892.66	4171925.33	1.96532	FDX-TRU
595912.66	4171925.33	1.83747	FDX-TRU
595852.66	4171945.33	2.51884	FDX-TRU
595872.66	4171945.33	2.34018	FDX-TRU
595892.66	4171945.33	2.1719	FDX-TRU
595912.66	4171945.33	2.01147	FDX-TRU
595932.66	4171945.33	1.86148	FDX-TRU
595102.43	4172101.44	0.47492	FDX-TRU
595122.43	4172101.44	0.51373	FDX-TRU
595142.43	4172101.44	0.55861	FDX-TRU
595102.43	4172121.44	0.40906	FDX-TRU
595122.43	4172121.44	0.43964	FDX-TRU
595142.43	4172121.44	0.4757	FDX-TRU
595082.43	4172141.44	0.3313	FDX-TRU
595102.43	4172141.44	0.35333	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595122.43	4172141.44	0.37846	FDX-TRU
595142.43	4172141.44	0.4072	FDX-TRU
595082.43	4172161.44	0.29029	FDX-TRU
595102.43	4172161.44	0.30941	FDX-TRU
595122.43	4172161.44	0.32947	FDX-TRU
595142.43	4172161.44	0.35286	FDX-TRU
595082.43	4172181.44	0.25743	FDX-TRU
595102.43	4172181.44	0.27346	FDX-TRU
595122.43	4172181.44	0.29111	FDX-TRU
595142.43	4172181.44	0.31086	FDX-TRU
595062.43	4172201.44	0.21869	FDX-TRU
595082.43	4172201.44	0.23149	FDX-TRU
595102.43	4172201.44	0.24592	FDX-TRU
595122.43	4172201.44	0.26144	FDX-TRU
595142.43	4172201.44	0.27898	FDX-TRU
595162.43	4172201.44	0.29857	FDX-TRU
595062.43	4172221.44	0.19975	FDX-TRU
595082.43	4172221.44	0.21144	FDX-TRU
595102.43	4172221.44	0.22473	FDX-TRU
595122.43	4172221.44	0.23864	FDX-TRU
595142.43	4172221.44	0.25443	FDX-TRU
595162.43	4172221.44	0.27203	FDX-TRU
595062.43	4172241.44	0.18528	FDX-TRU
595082.43	4172241.44	0.19626	FDX-TRU
595102.43	4172241.44	0.20815	FDX-TRU
595122.43	4172241.44	0.22125	FDX-TRU
595142.43	4172241.44	0.23643	FDX-TRU
595162.43	4172241.44	0.25346	FDX-TRU
595062.43	4172261.44	0.17421	FDX-TRU
595082.43	4172261.44	0.18481	FDX-TRU
595102.43	4172261.44	0.19499	FDX-TRU
595122.43	4172261.44	0.20729	FDX-TRU
595142.43	4172261.44	0.22178	FDX-TRU
595042.43	4172281.44	0.15604	FDX-TRU
595062.43	4172281.44	0.165	FDX-TRU
595082.43	4172281.44	0.17487	FDX-TRU
595102.43	4172281.44	0.18404	FDX-TRU
595122.43	4172281.44	0.19665	FDX-TRU
595142.43	4172281.44	0.20921	FDX-TRU
595162.43	4172281.44	0.22257	FDX-TRU
595042.43	4172301.44	0.14872	FDX-TRU
595062.43	4172301.44	0.15721	FDX-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595082.43	4172301.44	0.1659	FDX-TRU
595102.43	4172301.44	0.17498	FDX-TRU
595122.43	4172301.44	0.18593	FDX-TRU
595142.43	4172301.44	0.19753	FDX-TRU
595162.43	4172301.44	0.21001	FDX-TRU
595042.43	4172321.44	0.14252	FDX-TRU
595062.43	4172321.44	0.1504	FDX-TRU
595082.43	4172321.44	0.15722	FDX-TRU
595102.43	4172321.44	0.16641	FDX-TRU
595122.43	4172321.44	0.17604	FDX-TRU
595142.43	4172321.44	0.18691	FDX-TRU
595162.43	4172321.44	0.19805	FDX-TRU
595022.43	4172341.44	0.12986	FDX-TRU
595042.43	4172341.44	0.13665	FDX-TRU
595062.43	4172341.44	0.14378	FDX-TRU
595082.43	4172341.44	0.15107	FDX-TRU
595102.43	4172341.44	0.15872	FDX-TRU
595122.43	4172341.44	0.16695	FDX-TRU
595142.43	4172341.44	0.17686	FDX-TRU
595162.43	4172341.44	0.18714	FDX-TRU
595509.2	4172311.1	0.82139	FDX-TRU
595453.66	4172369.33	0.43272	FDX-TRU
595568.33	4173021.18	0.08209	FDX-TRU
595515	4172097	17.59646	FDX-TRU
595271.59	4172931.11	0.05925	FDX-TRU
595259.54	4172956.67	0.05585	FDX-TRU
595229.53	4172979.48	0.0514	FDX-TRU
595158.78	4172948.61	0.04842	FDX-TRU
595424.36	4172061.47	6.78068	FDX-TRU
595637.78	4172033.56	25.31914	FDX-TRU
595497.98	4172569.45	0.22623	FDX-TRU
595440.32	4172695.89	0.13174	FDX-TRU
595531.7	4172736.24	0.1488	FDX-TRU
595503.43	4172797.49	0.11903	FDX-TRU
595293.61	4172706.67	0.0926	FDX-TRU
595216.89	4172907.31	0.05621	FDX-TRU
595554	4171743	0.18944	LD-IDLE
595574	4171743	0.19092	LD-IDLE
595594	4171743	0.19114	LD-IDLE
595614	4171743	0.19201	LD-IDLE
595634	4171743	0.19235	LD-IDLE
595654	4171743	0.19294	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4171743	0.19364	LD-IDLE
595694	4171743	0.19483	LD-IDLE
595714	4171743	0.19513	LD-IDLE
595534	4171763	0.19675	LD-IDLE
595554	4171763	0.1967	LD-IDLE
595574	4171763	0.19811	LD-IDLE
595594	4171763	0.19854	LD-IDLE
595614	4171763	0.19952	LD-IDLE
595634	4171763	0.20021	LD-IDLE
595654	4171763	0.20056	LD-IDLE
595674	4171763	0.20137	LD-IDLE
595694	4171763	0.20205	LD-IDLE
595714	4171763	0.20317	LD-IDLE
595734	4171763	0.20524	LD-IDLE
595754	4171763	0.20662	LD-IDLE
595774	4171763	0.20828	LD-IDLE
595314	4171783	0.20526	LD-IDLE
595334	4171783	0.20473	LD-IDLE
595534	4171783	0.20383	LD-IDLE
595554	4171783	0.20456	LD-IDLE
595574	4171783	0.20541	LD-IDLE
595594	4171783	0.20586	LD-IDLE
595614	4171783	0.20653	LD-IDLE
595634	4171783	0.20819	LD-IDLE
595654	4171783	0.20876	LD-IDLE
595674	4171783	0.20973	LD-IDLE
595694	4171783	0.21012	LD-IDLE
595714	4171783	0.21231	LD-IDLE
595734	4171783	0.21384	LD-IDLE
595754	4171783	0.21532	LD-IDLE
595774	4171783	0.21744	LD-IDLE
595794	4171783	0.21982	LD-IDLE
595274	4171803	0.21505	LD-IDLE
595294	4171803	0.21416	LD-IDLE
595314	4171803	0.21346	LD-IDLE
595334	4171803	0.21274	LD-IDLE
595534	4171803	0.21189	LD-IDLE
595554	4171803	0.21261	LD-IDLE
595574	4171803	0.2143	LD-IDLE
595594	4171803	0.21505	LD-IDLE
595614	4171803	0.21585	LD-IDLE
595634	4171803	0.21672	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4171803	0.217	LD-IDLE
595674	4171803	0.21787	LD-IDLE
595694	4171803	0.21902	LD-IDLE
595714	4171803	0.22137	LD-IDLE
595734	4171803	0.22303	LD-IDLE
595754	4171803	0.22465	LD-IDLE
595774	4171803	0.22729	LD-IDLE
595794	4171803	0.23005	LD-IDLE
595814	4171803	0.23331	LD-IDLE
595254	4171823	0.22465	LD-IDLE
595274	4171823	0.22361	LD-IDLE
595294	4171823	0.22275	LD-IDLE
595314	4171823	0.22214	LD-IDLE
595334	4171823	0.22145	LD-IDLE
595514	4171823	0.2206	LD-IDLE
595534	4171823	0.22055	LD-IDLE
595554	4171823	0.22152	LD-IDLE
595574	4171823	0.22258	LD-IDLE
595594	4171823	0.22346	LD-IDLE
595614	4171823	0.22476	LD-IDLE
595634	4171823	0.22567	LD-IDLE
595654	4171823	0.22676	LD-IDLE
595674	4171823	0.22804	LD-IDLE
595694	4171823	0.22861	LD-IDLE
595714	4171823	0.23121	LD-IDLE
595734	4171823	0.23307	LD-IDLE
595754	4171823	0.23524	LD-IDLE
595774	4171823	0.23799	LD-IDLE
595794	4171823	0.24117	LD-IDLE
595814	4171823	0.24495	LD-IDLE
595834	4171823	0.24943	LD-IDLE
595854	4171823	0.25443	LD-IDLE
595234	4171843	0.2354	LD-IDLE
595254	4171843	0.23424	LD-IDLE
595274	4171843	0.23324	LD-IDLE
595294	4171843	0.2323	LD-IDLE
595314	4171843	0.23138	LD-IDLE
595334	4171843	0.23073	LD-IDLE
595514	4171843	0.2295	LD-IDLE
595534	4171843	0.22981	LD-IDLE
595554	4171843	0.23065	LD-IDLE
595574	4171843	0.2327	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4171843	0.233	LD-IDLE
595614	4171843	0.23445	LD-IDLE
595634	4171843	0.23546	LD-IDLE
595654	4171843	0.23669	LD-IDLE
595674	4171843	0.23743	LD-IDLE
595694	4171843	0.23923	LD-IDLE
595714	4171843	0.24188	LD-IDLE
595734	4171843	0.24386	LD-IDLE
595754	4171843	0.24657	LD-IDLE
595774	4171843	0.24964	LD-IDLE
595794	4171843	0.25338	LD-IDLE
595814	4171843	0.25773	LD-IDLE
595854	4171843	0.26844	LD-IDLE
595874	4171843	0.27477	LD-IDLE
595214	4171863	0.24634	LD-IDLE
595234	4171863	0.2454	LD-IDLE
595254	4171863	0.24442	LD-IDLE
595274	4171863	0.24324	LD-IDLE
595294	4171863	0.24238	LD-IDLE
595314	4171863	0.24134	LD-IDLE
595334	4171863	0.24063	LD-IDLE
595514	4171863	0.23902	LD-IDLE
595534	4171863	0.23971	LD-IDLE
595554	4171863	0.24061	LD-IDLE
595574	4171863	0.24149	LD-IDLE
595594	4171863	0.24242	LD-IDLE
595614	4171863	0.24342	LD-IDLE
595634	4171863	0.24532	LD-IDLE
595654	4171863	0.24738	LD-IDLE
595674	4171863	0.24793	LD-IDLE
595694	4171863	0.25093	LD-IDLE
595714	4171863	0.25307	LD-IDLE
595734	4171863	0.25554	LD-IDLE
595754	4171863	0.2588	LD-IDLE
595774	4171863	0.26262	LD-IDLE
595794	4171863	0.26715	LD-IDLE
595814	4171863	0.27213	LD-IDLE
595834	4171863	0.27759	LD-IDLE
595854	4171863	0.28381	LD-IDLE
595874	4171863	0.29066	LD-IDLE
595894	4171863	0.29795	LD-IDLE
595194	4171883	0.25852	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595214	4171883	0.25764	LD-IDLE
595234	4171883	0.25647	LD-IDLE
595254	4171883	0.25514	LD-IDLE
595274	4171883	0.25389	LD-IDLE
595294	4171883	0.2529	LD-IDLE
595314	4171883	0.25187	LD-IDLE
595514	4171883	0.24975	LD-IDLE
595534	4171883	0.25066	LD-IDLE
595554	4171883	0.25141	LD-IDLE
595574	4171883	0.25216	LD-IDLE
595594	4171883	0.25323	LD-IDLE
595614	4171883	0.25436	LD-IDLE
595634	4171883	0.25577	LD-IDLE
595654	4171883	0.25804	LD-IDLE
595674	4171883	0.25955	LD-IDLE
595694	4171883	0.26285	LD-IDLE
595714	4171883	0.26564	LD-IDLE
595734	4171883	0.26852	LD-IDLE
595754	4171883	0.27211	LD-IDLE
595774	4171883	0.27654	LD-IDLE
595794	4171883	0.28142	LD-IDLE
595814	4171883	0.28758	LD-IDLE
595834	4171883	0.29384	LD-IDLE
595854	4171883	0.30085	LD-IDLE
595874	4171883	0.30849	LD-IDLE
595894	4171883	0.31648	LD-IDLE
595174	4171903	0.27102	LD-IDLE
595194	4171903	0.27028	LD-IDLE
595214	4171903	0.26909	LD-IDLE
595234	4171903	0.26802	LD-IDLE
595254	4171903	0.2668	LD-IDLE
595274	4171903	0.26548	LD-IDLE
595294	4171903	0.26429	LD-IDLE
595314	4171903	0.26337	LD-IDLE
595514	4171903	0.26079	LD-IDLE
595534	4171903	0.2616	LD-IDLE
595554	4171903	0.26274	LD-IDLE
595574	4171903	0.2641	LD-IDLE
595594	4171903	0.26525	LD-IDLE
595614	4171903	0.26658	LD-IDLE
595634	4171903	0.2678	LD-IDLE
595654	4171903	0.27	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4171903	0.27228	LD-IDLE
595694	4171903	0.27519	LD-IDLE
595714	4171903	0.27907	LD-IDLE
595734	4171903	0.28254	LD-IDLE
595754	4171903	0.28718	LD-IDLE
595774	4171903	0.29227	LD-IDLE
595794	4171903	0.2981	LD-IDLE
595814	4171903	0.30464	LD-IDLE
595834	4171903	0.31166	LD-IDLE
595854	4171903	0.31982	LD-IDLE
595874	4171903	0.32824	LD-IDLE
595894	4171903	0.33668	LD-IDLE
595914	4171903	0.34516	LD-IDLE
595174	4171923	0.28337	LD-IDLE
595194	4171923	0.28264	LD-IDLE
595214	4171923	0.2818	LD-IDLE
595234	4171923	0.28053	LD-IDLE
595254	4171923	0.27924	LD-IDLE
595274	4171923	0.27805	LD-IDLE
595294	4171923	0.27652	LD-IDLE
595534	4171923	0.27394	LD-IDLE
595554	4171923	0.27506	LD-IDLE
595574	4171923	0.27636	LD-IDLE
595594	4171923	0.2778	LD-IDLE
595614	4171923	0.27946	LD-IDLE
595634	4171923	0.28128	LD-IDLE
595654	4171923	0.28334	LD-IDLE
595674	4171923	0.28605	LD-IDLE
595694	4171923	0.28909	LD-IDLE
595714	4171923	0.29357	LD-IDLE
595734	4171923	0.2982	LD-IDLE
595754	4171923	0.30328	LD-IDLE
595774	4171923	0.30918	LD-IDLE
595794	4171923	0.3159	LD-IDLE
595814	4171923	0.32342	LD-IDLE
595834	4171923	0.33114	LD-IDLE
595854	4171923	0.34018	LD-IDLE
595874	4171923	0.3493	LD-IDLE
595894	4171923	0.35881	LD-IDLE
595914	4171923	0.36807	LD-IDLE
595154	4171943	0.29759	LD-IDLE
595174	4171943	0.29686	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595194	4171943	0.2962	LD-IDLE
595214	4171943	0.29504	LD-IDLE
595234	4171943	0.29382	LD-IDLE
595254	4171943	0.2927	LD-IDLE
595274	4171943	0.29124	LD-IDLE
595294	4171943	0.2899	LD-IDLE
595534	4171943	0.28735	LD-IDLE
595554	4171943	0.2884	LD-IDLE
595574	4171943	0.28983	LD-IDLE
595594	4171943	0.29138	LD-IDLE
595614	4171943	0.29322	LD-IDLE
595634	4171943	0.29537	LD-IDLE
595654	4171943	0.29787	LD-IDLE
595674	4171943	0.301	LD-IDLE
595694	4171943	0.30463	LD-IDLE
595714	4171943	0.30901	LD-IDLE
595734	4171943	0.31383	LD-IDLE
595754	4171943	0.32028	LD-IDLE
595774	4171943	0.32783	LD-IDLE
595794	4171943	0.33546	LD-IDLE
595814	4171943	0.34408	LD-IDLE
595834	4171943	0.35335	LD-IDLE
595854	4171943	0.3627	LD-IDLE
595874	4171943	0.37247	LD-IDLE
595894	4171943	0.38226	LD-IDLE
595914	4171943	0.39198	LD-IDLE
595934	4171943	0.40125	LD-IDLE
595154	4171963	0.31193	LD-IDLE
595174	4171963	0.31129	LD-IDLE
595194	4171963	0.31047	LD-IDLE
595214	4171963	0.30955	LD-IDLE
595234	4171963	0.30807	LD-IDLE
595254	4171963	0.30727	LD-IDLE
595274	4171963	0.30579	LD-IDLE
595554	4171963	0.30297	LD-IDLE
595574	4171963	0.30444	LD-IDLE
595594	4171963	0.30625	LD-IDLE
595614	4171963	0.30831	LD-IDLE
595634	4171963	0.31086	LD-IDLE
595654	4171963	0.31367	LD-IDLE
595674	4171963	0.31718	LD-IDLE
595694	4171963	0.32163	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4171963	0.32645	LD-IDLE
595734	4171963	0.33226	LD-IDLE
595754	4171963	0.33938	LD-IDLE
595774	4171963	0.34731	LD-IDLE
595794	4171963	0.35632	LD-IDLE
595814	4171963	0.36602	LD-IDLE
595834	4171963	0.37655	LD-IDLE
595854	4171963	0.38759	LD-IDLE
595874	4171963	0.39831	LD-IDLE
595894	4171963	0.40902	LD-IDLE
595914	4171963	0.4192	LD-IDLE
595934	4171963	0.428	LD-IDLE
595154	4171983	0.32764	LD-IDLE
595174	4171983	0.32669	LD-IDLE
595194	4171983	0.32608	LD-IDLE
595214	4171983	0.32521	LD-IDLE
595234	4171983	0.32412	LD-IDLE
595254	4171983	0.3221	LD-IDLE
595574	4171983	0.32038	LD-IDLE
595754	4172023	0.41226	LD-IDLE
595774	4172023	0.42405	LD-IDLE
595794	4172023	0.43736	LD-IDLE
595814	4172023	0.45055	LD-IDLE
595834	4172023	0.46322	LD-IDLE
595714	4172043	0.41903	LD-IDLE
595734	4172043	0.43102	LD-IDLE
595754	4172043	0.44434	LD-IDLE
595774	4172043	0.45758	LD-IDLE
595794	4172043	0.47159	LD-IDLE
595814	4172043	0.48601	LD-IDLE
595834	4172043	0.50043	LD-IDLE
595854	4172043	0.51409	LD-IDLE
595874	4172043	0.52668	LD-IDLE
595894	4172043	0.53799	LD-IDLE
595914	4172043	0.54807	LD-IDLE
595934	4172043	0.5555	LD-IDLE
595714	4172063	0.4493	LD-IDLE
595734	4172063	0.46462	LD-IDLE
595754	4172063	0.47851	LD-IDLE
595774	4172063	0.49339	LD-IDLE
595794	4172063	0.50883	LD-IDLE
595814	4172063	0.52427	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172063	0.53937	LD-IDLE
595854	4172063	0.5534	LD-IDLE
595874	4172063	0.56612	LD-IDLE
595894	4172063	0.57736	LD-IDLE
595914	4172063	0.58713	LD-IDLE
595934	4172063	0.59528	LD-IDLE
595714	4172083	0.48367	LD-IDLE
595734	4172083	0.50135	LD-IDLE
595754	4172083	0.51705	LD-IDLE
595774	4172083	0.53361	LD-IDLE
595794	4172083	0.55036	LD-IDLE
595814	4172083	0.56675	LD-IDLE
595834	4172083	0.58224	LD-IDLE
595854	4172083	0.59644	LD-IDLE
595874	4172083	0.60892	LD-IDLE
595894	4172083	0.61981	LD-IDLE
595914	4172083	0.62887	LD-IDLE
595934	4172083	0.6363	LD-IDLE
595114	4172103	0.47355	LD-IDLE
595134	4172103	0.46584	LD-IDLE
595714	4172103	0.52283	LD-IDLE
595734	4172103	0.5427	LD-IDLE
595754	4172103	0.56033	LD-IDLE
595774	4172103	0.57851	LD-IDLE
595794	4172103	0.59636	LD-IDLE
595814	4172103	0.61354	LD-IDLE
595834	4172103	0.62923	LD-IDLE
595854	4172103	0.64324	LD-IDLE
595874	4172103	0.65538	LD-IDLE
595894	4172103	0.66562	LD-IDLE
595914	4172103	0.67384	LD-IDLE
595934	4172103	0.68021	LD-IDLE
595094	4172123	0.5192	LD-IDLE
595114	4172123	0.50735	LD-IDLE
595134	4172123	0.49791	LD-IDLE
595694	4172123	0.54861	LD-IDLE
595714	4172123	0.56825	LD-IDLE
595734	4172123	0.58949	LD-IDLE
595754	4172123	0.60911	LD-IDLE
595774	4172123	0.62883	LD-IDLE
595794	4172123	0.64777	LD-IDLE
595814	4172123	0.66531	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172123	0.68078	LD-IDLE
595854	4172123	0.69425	LD-IDLE
595874	4172123	0.70582	LD-IDLE
595894	4172123	0.71499	LD-IDLE
595914	4172123	0.72215	LD-IDLE
595934	4172123	0.7273	LD-IDLE
595094	4172143	0.5597	LD-IDLE
595114	4172143	0.5458	LD-IDLE
595134	4172143	0.53432	LD-IDLE
595694	4172143	0.59726	LD-IDLE
595714	4172143	0.62103	LD-IDLE
595734	4172143	0.64241	LD-IDLE
595754	4172143	0.66378	LD-IDLE
595774	4172143	0.68486	LD-IDLE
595794	4172143	0.70448	LD-IDLE
595814	4172143	0.72199	LD-IDLE
595834	4172143	0.73719	LD-IDLE
595854	4172143	0.74996	LD-IDLE
595874	4172143	0.76041	LD-IDLE
595894	4172143	0.76829	LD-IDLE
595914	4172143	0.77418	LD-IDLE
595934	4172143	0.77791	LD-IDLE
595094	4172163	0.60589	LD-IDLE
595114	4172163	0.58987	LD-IDLE
595134	4172163	0.5759	LD-IDLE
595154	4172163	0.56558	LD-IDLE
595614	4172163	0.57669	LD-IDLE
595634	4172163	0.5917	LD-IDLE
595654	4172163	0.60954	LD-IDLE
595674	4172163	0.63295	LD-IDLE
595694	4172163	0.65564	LD-IDLE
595714	4172163	0.67882	LD-IDLE
595734	4172163	0.70229	LD-IDLE
595754	4172163	0.72521	LD-IDLE
595774	4172163	0.74717	LD-IDLE
595794	4172163	0.76704	LD-IDLE
595814	4172163	0.78425	LD-IDLE
595834	4172163	0.79877	LD-IDLE
595854	4172163	0.81057	LD-IDLE
595874	4172163	0.81951	LD-IDLE
595894	4172163	0.82589	LD-IDLE
595914	4172163	0.83025	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595074	4172183	0.67771	LD-IDLE
595094	4172183	0.65792	LD-IDLE
595114	4172183	0.63952	LD-IDLE
595134	4172183	0.62317	LD-IDLE
595154	4172183	0.60949	LD-IDLE
595614	4172183	0.62821	LD-IDLE
595634	4172183	0.64468	LD-IDLE
595654	4172183	0.67007	LD-IDLE
595674	4172183	0.69345	LD-IDLE
595694	4172183	0.71871	LD-IDLE
595714	4172183	0.74453	LD-IDLE
595734	4172183	0.76984	LD-IDLE
595754	4172183	0.79416	LD-IDLE
595774	4172183	0.81659	LD-IDLE
595794	4172183	0.8363	LD-IDLE
595814	4172183	0.85264	LD-IDLE
595834	4172183	0.86602	LD-IDLE
595854	4172183	0.87627	LD-IDLE
595874	4172183	0.88328	LD-IDLE
595894	4172183	0.88798	LD-IDLE
595914	4172183	0.89055	LD-IDLE
595074	4172203	0.74	LD-IDLE
595094	4172203	0.71754	LD-IDLE
595114	4172203	0.69606	LD-IDLE
595134	4172203	0.67679	LD-IDLE
595154	4172203	0.66017	LD-IDLE
595594	4172203	0.66382	LD-IDLE
595614	4172203	0.68733	LD-IDLE
595634	4172203	0.70737	LD-IDLE
595654	4172203	0.73492	LD-IDLE
595674	4172203	0.76222	LD-IDLE
595694	4172203	0.79086	LD-IDLE
595714	4172203	0.81913	LD-IDLE
595734	4172203	0.84617	LD-IDLE
595754	4172203	0.87151	LD-IDLE
595774	4172203	0.89386	LD-IDLE
595794	4172203	0.91261	LD-IDLE
595814	4172203	0.92774	LD-IDLE
595834	4172203	0.93938	LD-IDLE
595854	4172203	0.94761	LD-IDLE
595874	4172203	0.95252	LD-IDLE
595894	4172203	0.95505	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595914	4172203	0.95541	LD-IDLE
595074	4172223	0.81104	LD-IDLE
595094	4172223	0.78635	LD-IDLE
595114	4172223	0.76085	LD-IDLE
595134	4172223	0.73827	LD-IDLE
595154	4172223	0.71782	LD-IDLE
595594	4172223	0.7243	LD-IDLE
595614	4172223	0.74765	LD-IDLE
595634	4172223	0.78104	LD-IDLE
595654	4172223	0.81034	LD-IDLE
595674	4172223	0.84174	LD-IDLE
595694	4172223	0.87362	LD-IDLE
595714	4172223	0.9041	LD-IDLE
595734	4172223	0.9321	LD-IDLE
595754	4172223	0.95777	LD-IDLE
595774	4172223	0.97938	LD-IDLE
595794	4172223	0.99666	LD-IDLE
595814	4172223	1.00979	LD-IDLE
595834	4172223	1.01919	LD-IDLE
595854	4172223	1.02501	LD-IDLE
595874	4172223	1.02752	LD-IDLE
595894	4172223	1.02754	LD-IDLE
595054	4172243	0.92341	LD-IDLE
595074	4172243	0.89369	LD-IDLE
595094	4172243	0.86528	LD-IDLE
595114	4172243	0.83575	LD-IDLE
595134	4172243	0.80927	LD-IDLE
595154	4172243	0.78631	LD-IDLE
595594	4172243	0.79772	LD-IDLE
595614	4172243	0.82216	LD-IDLE
595634	4172243	0.86389	LD-IDLE
595654	4172243	0.89828	LD-IDLE
595674	4172243	0.93373	LD-IDLE
595694	4172243	0.96857	LD-IDLE
595714	4172243	1.00054	LD-IDLE
595734	4172243	1.02887	LD-IDLE
595754	4172243	1.05405	LD-IDLE
595774	4172243	1.07406	LD-IDLE
595794	4172243	1.08918	LD-IDLE
595814	4172243	1.09973	LD-IDLE
595834	4172243	1.10621	LD-IDLE
595854	4172243	1.109	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4172243	1.10849	LD-IDLE
595894	4172243	1.10555	LD-IDLE
595054	4172263	1.02353	LD-IDLE
595074	4172263	0.9906	LD-IDLE
595094	4172263	0.95729	LD-IDLE
595114	4172263	0.92219	LD-IDLE
595134	4172263	0.89358	LD-IDLE
595154	4172263	0.86488	LD-IDLE
595594	4172263	0.88473	LD-IDLE
595614	4172263	0.91533	LD-IDLE
595634	4172263	0.96109	LD-IDLE
595654	4172263	1.00074	LD-IDLE
595674	4172263	1.04012	LD-IDLE
595694	4172263	1.07698	LD-IDLE
595714	4172263	1.1099	LD-IDLE
595734	4172263	1.13793	LD-IDLE
595754	4172263	1.16104	LD-IDLE
595774	4172263	1.17873	LD-IDLE
595794	4172263	1.19079	LD-IDLE
595814	4172263	1.19799	LD-IDLE
595834	4172263	1.20098	LD-IDLE
595854	4172263	1.20014	LD-IDLE
595874	4172263	1.19598	LD-IDLE
595894	4172263	1.18938	LD-IDLE
595054	4172283	1.13892	LD-IDLE
595074	4172283	1.10246	LD-IDLE
595094	4172283	1.0626	LD-IDLE
595114	4172283	1.02471	LD-IDLE
595134	4172283	0.99041	LD-IDLE
595154	4172283	0.95564	LD-IDLE
595174	4172283	0.92619	LD-IDLE
595574	4172283	0.94253	LD-IDLE
595594	4172283	0.98394	LD-IDLE
595614	4172283	1.03057	LD-IDLE
595634	4172283	1.07544	LD-IDLE
595654	4172283	1.12022	LD-IDLE
595674	4172283	1.16283	LD-IDLE
595694	4172283	1.20105	LD-IDLE
595714	4172283	1.23354	LD-IDLE
595734	4172283	1.25986	LD-IDLE
595754	4172283	1.28005	LD-IDLE
595774	4172283	1.29425	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172283	1.30232	LD-IDLE
595814	4172283	1.30538	LD-IDLE
595834	4172283	1.30406	LD-IDLE
595854	4172283	1.29883	LD-IDLE
595874	4172283	1.2903	LD-IDLE
595894	4172283	1.27913	LD-IDLE
595034	4172303	1.31038	LD-IDLE
595054	4172303	1.27328	LD-IDLE
595074	4172303	1.23289	LD-IDLE
595094	4172303	1.18613	LD-IDLE
595114	4172303	1.14656	LD-IDLE
595134	4172303	1.10366	LD-IDLE
595154	4172303	1.06335	LD-IDLE
595174	4172303	1.02735	LD-IDLE
595574	4172303	1.05183	LD-IDLE
595594	4172303	1.09729	LD-IDLE
595614	4172303	1.15934	LD-IDLE
595634	4172303	1.21022	LD-IDLE
595654	4172303	1.25951	LD-IDLE
595674	4172303	1.30432	LD-IDLE
595694	4172303	1.34254	LD-IDLE
595714	4172303	1.37283	LD-IDLE
595734	4172303	1.39631	LD-IDLE
595754	4172303	1.41244	LD-IDLE
595774	4172303	1.42169	LD-IDLE
595794	4172303	1.42471	LD-IDLE
595814	4172303	1.42256	LD-IDLE
595834	4172303	1.41591	LD-IDLE
595854	4172303	1.40528	LD-IDLE
595874	4172303	1.39134	LD-IDLE
595034	4172323	1.46645	LD-IDLE
595054	4172323	1.42925	LD-IDLE
595074	4172323	1.38445	LD-IDLE
595094	4172323	1.33366	LD-IDLE
595114	4172323	1.28597	LD-IDLE
595134	4172323	1.23865	LD-IDLE
595154	4172323	1.19137	LD-IDLE
595174	4172323	1.14774	LD-IDLE
595574	4172323	1.18605	LD-IDLE
595594	4172323	1.23595	LD-IDLE
595614	4172323	1.31167	LD-IDLE
595634	4172323	1.36902	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172323	1.42174	LD-IDLE
595674	4172323	1.46704	LD-IDLE
595694	4172323	1.5029	LD-IDLE
595714	4172323	1.53001	LD-IDLE
595734	4172323	1.54875	LD-IDLE
595754	4172323	1.55901	LD-IDLE
595774	4172323	1.56206	LD-IDLE
595794	4172323	1.55873	LD-IDLE
595814	4172323	1.55004	LD-IDLE
595834	4172323	1.53678	LD-IDLE
595854	4172323	1.51949	LD-IDLE
595874	4172323	1.49883	LD-IDLE
595034	4172343	1.64394	LD-IDLE
595054	4172343	1.60859	LD-IDLE
595074	4172343	1.56481	LD-IDLE
595094	4172343	1.5136	LD-IDLE
595114	4172343	1.45643	LD-IDLE
595134	4172343	1.3999	LD-IDLE
595154	4172343	1.34515	LD-IDLE
595574	4172343	1.3517	LD-IDLE
595594	4172343	1.41335	LD-IDLE
595614	4172343	1.49347	LD-IDLE
595634	4172343	1.55538	LD-IDLE
595654	4172343	1.60947	LD-IDLE
595674	4172343	1.65333	LD-IDLE
595694	4172343	1.686	LD-IDLE
595714	4172343	1.70741	LD-IDLE
595734	4172343	1.71873	LD-IDLE
595754	4172343	1.72129	LD-IDLE
595774	4172343	1.71633	LD-IDLE
595794	4172343	1.70494	LD-IDLE
595814	4172343	1.68809	LD-IDLE
595834	4172343	1.66656	LD-IDLE
595854	4172343	1.64103	LD-IDLE
595874	4172343	1.61242	LD-IDLE
595554	4172363	1.46535	LD-IDLE
595574	4172363	1.54681	LD-IDLE
595594	4172363	1.63048	LD-IDLE
595614	4172363	1.71108	LD-IDLE
595634	4172363	1.77619	LD-IDLE
595654	4172363	1.8286	LD-IDLE
595674	4172363	1.86699	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172363	1.89203	LD-IDLE
595714	4172363	1.90485	LD-IDLE
595734	4172363	1.90696	LD-IDLE
595754	4172363	1.90002	LD-IDLE
595774	4172363	1.88513	LD-IDLE
595794	4172363	1.86358	LD-IDLE
595814	4172363	1.83653	LD-IDLE
595834	4172363	1.80477	LD-IDLE
595854	4172363	1.76941	LD-IDLE
595874	4172363	1.73107	LD-IDLE
595554	4172383	1.68292	LD-IDLE
595574	4172383	1.77491	LD-IDLE
595594	4172383	1.88505	LD-IDLE
595614	4172383	1.96494	LD-IDLE
595634	4172383	2.02942	LD-IDLE
595654	4172383	2.07743	LD-IDLE
595674	4172383	2.10776	LD-IDLE
595694	4172383	2.12398	LD-IDLE
595714	4172383	2.12668	LD-IDLE
595734	4172383	2.11641	LD-IDLE
595754	4172383	2.09625	LD-IDLE
595774	4172383	2.0683	LD-IDLE
595794	4172383	2.03407	LD-IDLE
595814	4172383	1.99452	LD-IDLE
595834	4172383	1.9507	LD-IDLE
595854	4172383	1.90337	LD-IDLE
595554	4172403	1.9708	LD-IDLE
595574	4172403	2.06271	LD-IDLE
595594	4172403	2.19054	LD-IDLE
595614	4172403	2.26885	LD-IDLE
595634	4172403	2.3272	LD-IDLE
595654	4172403	2.36503	LD-IDLE
595674	4172403	2.38312	LD-IDLE
595694	4172403	2.38292	LD-IDLE
595714	4172403	2.36955	LD-IDLE
595734	4172403	2.34418	LD-IDLE
595754	4172403	2.30915	LD-IDLE
595774	4172403	2.26592	LD-IDLE
595794	4172403	2.21606	LD-IDLE
595814	4172403	2.16095	LD-IDLE
595834	4172403	2.10217	LD-IDLE
595854	4172403	2.04095	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595074	4172423	2.61399	LD-IDLE
595094	4172423	2.58757	LD-IDLE
595554	4172423	2.34575	LD-IDLE
595574	4172423	2.4337	LD-IDLE
595594	4172423	2.55772	LD-IDLE
595614	4172423	2.63011	LD-IDLE
595634	4172423	2.67541	LD-IDLE
595654	4172423	2.69641	LD-IDLE
595674	4172423	2.6949	LD-IDLE
595694	4172423	2.67592	LD-IDLE
595714	4172423	2.6418	LD-IDLE
595734	4172423	2.59569	LD-IDLE
595754	4172423	2.53998	LD-IDLE
595774	4172423	2.47626	LD-IDLE
595794	4172423	2.4069	LD-IDLE
595814	4172423	2.33397	LD-IDLE
595834	4172423	2.25867	LD-IDLE
595854	4172423	2.18137	LD-IDLE
595074	4172443	2.97443	LD-IDLE
595094	4172443	2.97242	LD-IDLE
595114	4172443	2.94202	LD-IDLE
595134	4172443	2.88357	LD-IDLE
595534	4172443	2.60489	LD-IDLE
595554	4172443	2.76295	LD-IDLE
595574	4172443	2.89537	LD-IDLE
595594	4172443	2.99851	LD-IDLE
595614	4172443	3.05596	LD-IDLE
595634	4172443	3.08069	LD-IDLE
595654	4172443	3.07664	LD-IDLE
595674	4172443	3.04829	LD-IDLE
595694	4172443	3.00165	LD-IDLE
595714	4172443	2.94063	LD-IDLE
595734	4172443	2.86767	LD-IDLE
595754	4172443	2.78545	LD-IDLE
595774	4172443	2.69702	LD-IDLE
595794	4172443	2.60444	LD-IDLE
595814	4172443	2.51088	LD-IDLE
595834	4172443	2.41665	LD-IDLE
595854	4172443	2.32261	LD-IDLE
595054	4172463	3.32934	LD-IDLE
595074	4172463	3.3834	LD-IDLE
595094	4172463	3.41335	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595114	4172463	3.41397	LD-IDLE
595534	4172463	3.1308	LD-IDLE
595554	4172463	3.27535	LD-IDLE
595574	4172463	3.41491	LD-IDLE
595594	4172463	3.52412	LD-IDLE
595614	4172463	3.55643	LD-IDLE
595634	4172463	3.54851	LD-IDLE
595654	4172463	3.50905	LD-IDLE
595674	4172463	3.44395	LD-IDLE
595694	4172463	3.36052	LD-IDLE
595714	4172463	3.26329	LD-IDLE
595734	4172463	3.15621	LD-IDLE
595754	4172463	3.04248	LD-IDLE
595774	4172463	2.92481	LD-IDLE
595794	4172463	2.80503	LD-IDLE
595814	4172463	2.68869	LD-IDLE
595834	4172463	2.57307	LD-IDLE
595054	4172483	3.71034	LD-IDLE
595074	4172483	3.83668	LD-IDLE
595094	4172483	3.91532	LD-IDLE
595114	4172483	3.96179	LD-IDLE
595534	4172483	3.84029	LD-IDLE
595554	4172483	3.95586	LD-IDLE
595574	4172483	4.08939	LD-IDLE
595594	4172483	4.14449	LD-IDLE
595614	4172483	4.1265	LD-IDLE
595634	4172483	4.07781	LD-IDLE
595654	4172483	3.99229	LD-IDLE
595674	4172483	3.8785	LD-IDLE
595694	4172483	3.74742	LD-IDLE
595714	4172483	3.60553	LD-IDLE
595734	4172483	3.45739	LD-IDLE
595754	4172483	3.30629	LD-IDLE
595774	4172483	3.15495	LD-IDLE
595794	4172483	3.00592	LD-IDLE
595814	4172483	2.8635	LD-IDLE
595834	4172483	2.7256	LD-IDLE
595034	4172503	3.97842	LD-IDLE
595054	4172503	4.15342	LD-IDLE
595074	4172503	4.3234	LD-IDLE
595094	4172503	4.47095	LD-IDLE
595114	4172503	4.59193	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172503	4.75957	LD-IDLE
595554	4172503	4.82028	LD-IDLE
595574	4172503	4.91163	LD-IDLE
595594	4172503	4.8878	LD-IDLE
595614	4172503	4.80253	LD-IDLE
595634	4172503	4.68129	LD-IDLE
595654	4172503	4.52503	LD-IDLE
595674	4172503	4.34464	LD-IDLE
595694	4172503	4.15657	LD-IDLE
595714	4172503	3.96083	LD-IDLE
595734	4172503	3.76415	LD-IDLE
595754	4172503	3.57154	LD-IDLE
595774	4172503	3.38262	LD-IDLE
595794	4172503	3.1991	LD-IDLE
595814	4172503	3.03053	LD-IDLE
595834	4172503	2.86943	LD-IDLE
595034	4172523	4.31664	LD-IDLE
595054	4172523	4.58505	LD-IDLE
595074	4172523	4.84334	LD-IDLE
595094	4172523	5.07171	LD-IDLE
595514	4172523	5.68632	LD-IDLE
595534	4172523	5.86512	LD-IDLE
595554	4172523	5.93499	LD-IDLE
595574	4172523	5.93659	LD-IDLE
595594	4172523	5.75052	LD-IDLE
595614	4172523	5.57318	LD-IDLE
595634	4172523	5.35247	LD-IDLE
595654	4172523	5.10088	LD-IDLE
595674	4172523	4.8406	LD-IDLE
595694	4172523	4.58128	LD-IDLE
595714	4172523	4.32335	LD-IDLE
595734	4172523	4.07227	LD-IDLE
595754	4172523	3.8305	LD-IDLE
595774	4172523	3.60144	LD-IDLE
595794	4172523	3.38219	LD-IDLE
595814	4172523	3.18554	LD-IDLE
595834	4172523	3.00073	LD-IDLE
595034	4172543	4.59705	LD-IDLE
595054	4172543	4.96037	LD-IDLE
595074	4172543	5.32568	LD-IDLE
595094	4172543	5.69208	LD-IDLE
595514	4172543	7.23715	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172543	7.27812	LD-IDLE
595554	4172543	7.24935	LD-IDLE
595574	4172543	7.02096	LD-IDLE
595594	4172543	6.70188	LD-IDLE
595614	4172543	6.36681	LD-IDLE
595634	4172543	6.03655	LD-IDLE
595654	4172543	5.69048	LD-IDLE
595674	4172543	5.29786	LD-IDLE
595694	4172543	4.96329	LD-IDLE
595714	4172543	4.6493	LD-IDLE
595734	4172543	4.36473	LD-IDLE
595754	4172543	4.07419	LD-IDLE
595774	4172543	3.81028	LD-IDLE
595794	4172543	3.55041	LD-IDLE
595814	4172543	3.3229	LD-IDLE
595014	4172563	4.38765	LD-IDLE
595034	4172563	4.79784	LD-IDLE
595054	4172563	5.24656	LD-IDLE
595074	4172563	5.72636	LD-IDLE
595094	4172563	6.24125	LD-IDLE
595514	4172563	9.36316	LD-IDLE
595534	4172563	9.12854	LD-IDLE
595554	4172563	8.82985	LD-IDLE
595574	4172563	8.26137	LD-IDLE
595594	4172563	7.73902	LD-IDLE
595614	4172563	7.23029	LD-IDLE
595634	4172563	6.7993	LD-IDLE
595654	4172563	6.24973	LD-IDLE
595674	4172563	5.77071	LD-IDLE
595694	4172563	5.34064	LD-IDLE
595714	4172563	4.94446	LD-IDLE
595734	4172563	4.58846	LD-IDLE
595754	4172563	4.29073	LD-IDLE
595774	4172563	3.98511	LD-IDLE
595794	4172563	3.6863	LD-IDLE
595814	4172563	3.43686	LD-IDLE
595014	4172583	4.44669	LD-IDLE
595034	4172583	4.90188	LD-IDLE
595054	4172583	5.42367	LD-IDLE
595074	4172583	6.00533	LD-IDLE
595494	4172583	12.26707	LD-IDLE
595514	4172583	11.9714	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172583	11.34181	LD-IDLE
595554	4172583	10.48711	LD-IDLE
595574	4172583	9.61765	LD-IDLE
595594	4172583	8.83381	LD-IDLE
595614	4172583	8.13136	LD-IDLE
595634	4172583	7.50996	LD-IDLE
595654	4172583	6.78264	LD-IDLE
595674	4172583	6.2054	LD-IDLE
595694	4172583	5.68554	LD-IDLE
595714	4172583	5.21828	LD-IDLE
595734	4172583	4.80999	LD-IDLE
595754	4172583	4.46444	LD-IDLE
595774	4172583	4.10665	LD-IDLE
595794	4172583	3.79422	LD-IDLE
595814	4172583	3.521	LD-IDLE
595034	4172603	4.92486	LD-IDLE
595054	4172603	5.48631	LD-IDLE
595074	4172603	6.14332	LD-IDLE
595494	4172603	16.29376	LD-IDLE
595514	4172603	15.12707	LD-IDLE
595534	4172603	13.86034	LD-IDLE
595554	4172603	12.31902	LD-IDLE
595574	4172603	11.00226	LD-IDLE
595594	4172603	9.90499	LD-IDLE
595614	4172603	9.00132	LD-IDLE
595634	4172603	8.08195	LD-IDLE
595654	4172603	7.26027	LD-IDLE
595674	4172603	6.57219	LD-IDLE
595694	4172603	5.96721	LD-IDLE
595714	4172603	5.43452	LD-IDLE
595734	4172603	5.0056	LD-IDLE
595754	4172603	4.59792	LD-IDLE
595774	4172603	4.19924	LD-IDLE
595794	4172603	3.87324	LD-IDLE
595474	4172623	23.61487	LD-IDLE
595494	4172623	21.21562	LD-IDLE
595514	4172623	18.83781	LD-IDLE
595534	4172623	16.4939	LD-IDLE
595554	4172623	14.43018	LD-IDLE
595574	4172623	12.55233	LD-IDLE
595594	4172623	10.93323	LD-IDLE
595614	4172623	9.80359	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172623	8.63164	LD-IDLE
595654	4172623	7.69429	LD-IDLE
595674	4172623	6.86244	LD-IDLE
595694	4172623	6.16683	LD-IDLE
595714	4172623	5.58624	LD-IDLE
595734	4172623	5.12512	LD-IDLE
595754	4172623	4.66012	LD-IDLE
595774	4172623	4.25519	LD-IDLE
595794	4172623	3.91126	LD-IDLE
595814	4172623	3.60603	LD-IDLE
595474	4172643	31.92122	LD-IDLE
595494	4172643	26.87484	LD-IDLE
595514	4172643	22.45994	LD-IDLE
595534	4172643	18.95042	LD-IDLE
595554	4172643	16.08471	LD-IDLE
595574	4172643	13.78279	LD-IDLE
595594	4172643	11.88381	LD-IDLE
595614	4172643	10.16689	LD-IDLE
595634	4172643	8.87656	LD-IDLE
595654	4172643	7.88655	LD-IDLE
595674	4172643	7.0626	LD-IDLE
595694	4172643	6.32915	LD-IDLE
595714	4172643	5.69899	LD-IDLE
595734	4172643	5.16122	LD-IDLE
595754	4172643	4.67147	LD-IDLE
595774	4172643	4.26851	LD-IDLE
595794	4172643	3.91201	LD-IDLE
595814	4172643	3.59836	LD-IDLE
595474	4172663	40.39467	LD-IDLE
595494	4172663	31.90387	LD-IDLE
595514	4172663	25.3841	LD-IDLE
595534	4172663	20.70571	LD-IDLE
595554	4172663	17.15397	LD-IDLE
595574	4172663	14.42609	LD-IDLE
595594	4172663	12.26376	LD-IDLE
595614	4172663	10.34678	LD-IDLE
595634	4172663	8.99753	LD-IDLE
595654	4172663	7.92484	LD-IDLE
595674	4172663	7.02175	LD-IDLE
595694	4172663	6.28979	LD-IDLE
595714	4172663	5.69254	LD-IDLE
595734	4172663	5.12923	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172663	4.63807	LD-IDLE
595774	4172663	4.2325	LD-IDLE
595794	4172663	3.87302	LD-IDLE
595814	4172663	3.55795	LD-IDLE
595454	4172683	63.80368	LD-IDLE
595474	4172683	46.20343	LD-IDLE
595494	4172683	34.60251	LD-IDLE
595514	4172683	26.7279	LD-IDLE
595534	4172683	21.3415	LD-IDLE
595554	4172683	17.42284	LD-IDLE
595574	4172683	14.49222	LD-IDLE
595594	4172683	12.14848	LD-IDLE
595614	4172683	10.26372	LD-IDLE
595634	4172683	8.92391	LD-IDLE
595654	4172683	7.83181	LD-IDLE
595674	4172683	6.92361	LD-IDLE
595694	4172683	6.19773	LD-IDLE
595714	4172683	5.58054	LD-IDLE
595734	4172683	5.01624	LD-IDLE
595754	4172683	4.55768	LD-IDLE
595774	4172683	4.15334	LD-IDLE
595794	4172683	3.79827	LD-IDLE
595814	4172683	3.48795	LD-IDLE
595474	4172703	46.34944	LD-IDLE
595494	4172703	34.12708	LD-IDLE
595514	4172703	26.16856	LD-IDLE
595534	4172703	20.72606	LD-IDLE
595554	4172703	16.8468	LD-IDLE
595574	4172703	13.99228	LD-IDLE
595594	4172703	11.64737	LD-IDLE
595614	4172703	9.93567	LD-IDLE
595634	4172703	8.63946	LD-IDLE
595654	4172703	7.57774	LD-IDLE
595674	4172703	6.71042	LD-IDLE
595694	4172703	6.02726	LD-IDLE
595714	4172703	5.40523	LD-IDLE
595734	4172703	4.86049	LD-IDLE
595754	4172703	4.41869	LD-IDLE
595774	4172703	4.027	LD-IDLE
595794	4172703	3.6854	LD-IDLE
595814	4172703	3.3866	LD-IDLE
595834	4172703	3.12418	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595294	4172723	34.90902	LD-IDLE
595314	4172723	58.12263	LD-IDLE
595514	4172723	23.74948	LD-IDLE
595534	4172723	18.99	LD-IDLE
595554	4172723	15.56155	LD-IDLE
595574	4172723	13.0183	LD-IDLE
595594	4172723	10.97978	LD-IDLE
595614	4172723	9.41139	LD-IDLE
595634	4172723	8.17892	LD-IDLE
595654	4172723	7.19411	LD-IDLE
595674	4172723	6.40413	LD-IDLE
595694	4172723	5.74258	LD-IDLE
595714	4172723	5.15342	LD-IDLE
595734	4172723	4.65961	LD-IDLE
595754	4172723	4.23503	LD-IDLE
595774	4172723	3.8646	LD-IDLE
595794	4172723	3.53225	LD-IDLE
595814	4172723	3.25261	LD-IDLE
595834	4172723	3.00678	LD-IDLE
595294	4172743	21.28832	LD-IDLE
595314	4172743	32.12225	LD-IDLE
595334	4172743	54.90486	LD-IDLE
595354	4172743	111.82899	LD-IDLE
595374	4172743	178.38732	LD-IDLE
595534	4172743	16.74869	LD-IDLE
595554	4172743	13.91213	LD-IDLE
595574	4172743	11.73687	LD-IDLE
595594	4172743	10.06463	LD-IDLE
595614	4172743	8.73583	LD-IDLE
595634	4172743	7.6426	LD-IDLE
595654	4172743	6.73708	LD-IDLE
595674	4172743	6.01944	LD-IDLE
595694	4172743	5.39415	LD-IDLE
595714	4172743	4.86575	LD-IDLE
595734	4172743	4.41236	LD-IDLE
595754	4172743	4.01685	LD-IDLE
595774	4172743	3.66467	LD-IDLE
595794	4172743	3.3678	LD-IDLE
595814	4172743	3.10836	LD-IDLE
595834	4172743	2.87876	LD-IDLE
595274	4172763	11.53564	LD-IDLE
595294	4172763	15.51092	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4172763	21.45639	LD-IDLE
595334	4172763	32.13571	LD-IDLE
595354	4172763	51.64184	LD-IDLE
595374	4172763	71.16247	LD-IDLE
595394	4172763	73.28449	LD-IDLE
595414	4172763	60.54756	LD-IDLE
595534	4172763	14.49141	LD-IDLE
595554	4172763	12.21098	LD-IDLE
595574	4172763	10.44624	LD-IDLE
595594	4172763	9.04143	LD-IDLE
595614	4172763	7.89739	LD-IDLE
595634	4172763	6.9662	LD-IDLE
595654	4172763	6.20409	LD-IDLE
595674	4172763	5.56136	LD-IDLE
595694	4172763	5.00941	LD-IDLE
595714	4172763	4.54347	LD-IDLE
595734	4172763	4.13597	LD-IDLE
595754	4172763	3.77718	LD-IDLE
595774	4172763	3.46188	LD-IDLE
595794	4172763	3.19062	LD-IDLE
595814	4172763	2.95224	LD-IDLE
594934	4172783	1.11504	LD-IDLE
594954	4172783	1.18623	LD-IDLE
594974	4172783	1.2707	LD-IDLE
595274	4172783	9.12222	LD-IDLE
595294	4172783	11.67175	LD-IDLE
595314	4172783	15.67064	LD-IDLE
595334	4172783	21.3925	LD-IDLE
595354	4172783	29.02087	LD-IDLE
595374	4172783	37.6193	LD-IDLE
595394	4172783	41.35263	LD-IDLE
595414	4172783	38.6247	LD-IDLE
595434	4172783	33.04493	LD-IDLE
595454	4172783	27.29479	LD-IDLE
595514	4172783	15.00178	LD-IDLE
595534	4172783	12.59655	LD-IDLE
595554	4172783	10.72602	LD-IDLE
595574	4172783	9.26616	LD-IDLE
595594	4172783	8.08108	LD-IDLE
595614	4172783	7.12463	LD-IDLE
595634	4172783	6.32873	LD-IDLE
595654	4172783	5.66315	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172783	5.09413	LD-IDLE
595694	4172783	4.61347	LD-IDLE
595714	4172783	4.21412	LD-IDLE
595734	4172783	3.85599	LD-IDLE
595754	4172783	3.5403	LD-IDLE
595774	4172783	3.26348	LD-IDLE
595794	4172783	3.01804	LD-IDLE
595814	4172783	2.79536	LD-IDLE
594894	4172803	0.878	LD-IDLE
594914	4172803	0.93135	LD-IDLE
594934	4172803	0.99198	LD-IDLE
594954	4172803	1.05719	LD-IDLE
594974	4172803	1.13175	LD-IDLE
595274	4172803	7.24959	LD-IDLE
595294	4172803	8.86808	LD-IDLE
595314	4172803	11.3465	LD-IDLE
595334	4172803	15.03677	LD-IDLE
595354	4172803	19.03471	LD-IDLE
595374	4172803	23.47217	LD-IDLE
595394	4172803	26.22641	LD-IDLE
595414	4172803	26.06667	LD-IDLE
595434	4172803	23.82561	LD-IDLE
595454	4172803	20.87459	LD-IDLE
595474	4172803	17.95781	LD-IDLE
595494	4172803	15.30467	LD-IDLE
595514	4172803	13.0101	LD-IDLE
595534	4172803	11.08878	LD-IDLE
595554	4172803	9.53135	LD-IDLE
595574	4172803	8.29115	LD-IDLE
595594	4172803	7.26762	LD-IDLE
595614	4172803	6.44237	LD-IDLE
595634	4172803	5.75414	LD-IDLE
595654	4172803	5.17388	LD-IDLE
595674	4172803	4.67998	LD-IDLE
595694	4172803	4.24892	LD-IDLE
595714	4172803	3.87888	LD-IDLE
595734	4172803	3.56628	LD-IDLE
595754	4172803	3.28862	LD-IDLE
595774	4172803	3.04272	LD-IDLE
595794	4172803	2.82257	LD-IDLE
595814	4172803	2.62599	LD-IDLE
594874	4172823	0.75443	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594894	4172823	0.79895	LD-IDLE
594914	4172823	0.84801	LD-IDLE
594934	4172823	0.90224	LD-IDLE
594954	4172823	0.96197	LD-IDLE
595254	4172823	5.01847	LD-IDLE
595274	4172823	5.91513	LD-IDLE
595294	4172823	7.13447	LD-IDLE
595314	4172823	8.89373	LD-IDLE
595334	4172823	10.94802	LD-IDLE
595354	4172823	13.42998	LD-IDLE
595374	4172823	16.16527	LD-IDLE
595394	4172823	18.09679	LD-IDLE
595414	4172823	18.54199	LD-IDLE
595434	4172823	17.71081	LD-IDLE
595454	4172823	16.20369	LD-IDLE
595474	4172823	14.4736	LD-IDLE
595494	4172823	12.7834	LD-IDLE
595514	4172823	11.1977	LD-IDLE
595534	4172823	9.78273	LD-IDLE
595554	4172823	8.5508	LD-IDLE
595574	4172823	7.50116	LD-IDLE
595594	4172823	6.61535	LD-IDLE
595614	4172823	5.88374	LD-IDLE
595634	4172823	5.26836	LD-IDLE
595654	4172823	4.75211	LD-IDLE
595674	4172823	4.31182	LD-IDLE
595694	4172823	3.91369	LD-IDLE
595714	4172823	3.5851	LD-IDLE
595734	4172823	3.30709	LD-IDLE
595754	4172823	3.05838	LD-IDLE
595774	4172823	2.83774	LD-IDLE
595794	4172823	2.6408	LD-IDLE
595814	4172823	2.4632	LD-IDLE
594874	4172843	0.69957	LD-IDLE
594894	4172843	0.73874	LD-IDLE
594914	4172843	0.78511	LD-IDLE
594934	4172843	0.83645	LD-IDLE
594954	4172843	0.89281	LD-IDLE
595254	4172843	4.24445	LD-IDLE
595274	4172843	4.98216	LD-IDLE
595294	4172843	5.91113	LD-IDLE
595314	4172843	7.13968	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595334	4172843	8.43254	LD-IDLE
595354	4172843	10.08348	LD-IDLE
595374	4172843	11.8045	LD-IDLE
595394	4172843	13.19594	LD-IDLE
595414	4172843	13.83329	LD-IDLE
595434	4172843	13.58498	LD-IDLE
595454	4172843	12.81144	LD-IDLE
595474	4172843	11.76269	LD-IDLE
595494	4172843	10.68825	LD-IDLE
595514	4172843	9.61636	LD-IDLE
595534	4172843	8.58337	LD-IDLE
595554	4172843	7.64249	LD-IDLE
595574	4172843	6.80737	LD-IDLE
595594	4172843	6.06386	LD-IDLE
595614	4172843	5.41318	LD-IDLE
595634	4172843	4.86773	LD-IDLE
595654	4172843	4.39964	LD-IDLE
595674	4172843	3.99778	LD-IDLE
595694	4172843	3.6187	LD-IDLE
595714	4172843	3.34015	LD-IDLE
595734	4172843	3.08376	LD-IDLE
595754	4172843	2.85793	LD-IDLE
595774	4172843	2.65765	LD-IDLE
595794	4172843	2.47897	LD-IDLE
595814	4172843	2.31812	LD-IDLE
594854	4172863	0.62174	LD-IDLE
594874	4172863	0.65757	LD-IDLE
594894	4172863	0.69468	LD-IDLE
594914	4172863	0.73772	LD-IDLE
594934	4172863	0.78816	LD-IDLE
595234	4172863	3.20144	LD-IDLE
595254	4172863	3.64838	LD-IDLE
595274	4172863	4.22186	LD-IDLE
595294	4172863	4.97633	LD-IDLE
595314	4172863	5.80162	LD-IDLE
595334	4172863	6.76126	LD-IDLE
595354	4172863	7.86856	LD-IDLE
595374	4172863	9.05115	LD-IDLE
595394	4172863	10.03273	LD-IDLE
595414	4172863	10.64398	LD-IDLE
595434	4172863	10.68795	LD-IDLE
595454	4172863	10.32685	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4172863	9.70017	LD-IDLE
595494	4172863	8.98548	LD-IDLE
595514	4172863	8.23966	LD-IDLE
595534	4172863	7.49836	LD-IDLE
595554	4172863	6.80401	LD-IDLE
595574	4172863	6.16679	LD-IDLE
595594	4172863	5.56596	LD-IDLE
595614	4172863	5.02556	LD-IDLE
595634	4172863	4.52502	LD-IDLE
595654	4172863	4.10184	LD-IDLE
595674	4172863	3.72666	LD-IDLE
595694	4172863	3.39632	LD-IDLE
595714	4172863	3.12895	LD-IDLE
595734	4172863	2.89148	LD-IDLE
595754	4172863	2.68263	LD-IDLE
595774	4172863	2.49776	LD-IDLE
595794	4172863	2.33305	LD-IDLE
594854	4172883	0.58959	LD-IDLE
594874	4172883	0.62352	LD-IDLE
594894	4172883	0.66099	LD-IDLE
594914	4172883	0.70322	LD-IDLE
595234	4172883	2.8198	LD-IDLE
595254	4172883	3.19636	LD-IDLE
595274	4172883	3.65266	LD-IDLE
595294	4172883	4.19971	LD-IDLE
595314	4172883	4.79408	LD-IDLE
595334	4172883	5.54493	LD-IDLE
595354	4172883	6.38022	LD-IDLE
595374	4172883	7.20463	LD-IDLE
595394	4172883	7.91642	LD-IDLE
595414	4172883	8.43701	LD-IDLE
595434	4172883	8.61916	LD-IDLE
595454	4172883	8.43439	LD-IDLE
595474	4172883	8.06721	LD-IDLE
595494	4172883	7.59169	LD-IDLE
595514	4172883	7.08729	LD-IDLE
595534	4172883	6.55678	LD-IDLE
595554	4172883	6.04603	LD-IDLE
595574	4172883	5.55651	LD-IDLE
595594	4172883	5.07529	LD-IDLE
595614	4172883	4.62861	LD-IDLE
595634	4172883	4.21917	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172883	3.85043	LD-IDLE
595674	4172883	3.47892	LD-IDLE
595694	4172883	3.20434	LD-IDLE
595714	4172883	2.95171	LD-IDLE
595734	4172883	2.72931	LD-IDLE
595754	4172883	2.53329	LD-IDLE
595774	4172883	2.35992	LD-IDLE
595794	4172883	2.20551	LD-IDLE
594854	4172903	0.56578	LD-IDLE
594874	4172903	0.59915	LD-IDLE
594894	4172903	0.63582	LD-IDLE
594914	4172903	0.67697	LD-IDLE
595234	4172903	2.5143	LD-IDLE
595254	4172903	2.82949	LD-IDLE
595274	4172903	3.19379	LD-IDLE
595294	4172903	3.60433	LD-IDLE
595314	4172903	4.06099	LD-IDLE
595334	4172903	4.62507	LD-IDLE
595354	4172903	5.21121	LD-IDLE
595374	4172903	5.82728	LD-IDLE
595394	4172903	6.42319	LD-IDLE
595414	4172903	6.86723	LD-IDLE
595434	4172903	7.06432	LD-IDLE
595454	4172903	7.00835	LD-IDLE
595474	4172903	6.7839	LD-IDLE
595494	4172903	6.47294	LD-IDLE
595514	4172903	6.1087	LD-IDLE
595534	4172903	5.72693	LD-IDLE
595554	4172903	5.35411	LD-IDLE
595574	4172903	4.98114	LD-IDLE
595594	4172903	4.60464	LD-IDLE
595614	4172903	4.24851	LD-IDLE
595634	4172903	3.91629	LD-IDLE
595654	4172903	3.60134	LD-IDLE
595674	4172903	3.27632	LD-IDLE
595694	4172903	3.03163	LD-IDLE
595714	4172903	2.79919	LD-IDLE
595734	4172903	2.59156	LD-IDLE
595754	4172903	2.40681	LD-IDLE
595774	4172903	2.24263	LD-IDLE
595794	4172903	2.09633	LD-IDLE
594854	4172923	0.54716	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594874	4172923	0.58005	LD-IDLE
594894	4172923	0.61573	LD-IDLE
594914	4172923	0.65554	LD-IDLE
595254	4172923	2.52506	LD-IDLE
595274	4172923	2.81214	LD-IDLE
595294	4172923	3.12653	LD-IDLE
595314	4172923	3.49194	LD-IDLE
595334	4172923	3.93051	LD-IDLE
595354	4172923	4.36857	LD-IDLE
595374	4172923	4.82204	LD-IDLE
595394	4172923	5.26767	LD-IDLE
595414	4172923	5.65154	LD-IDLE
595434	4172923	5.87899	LD-IDLE
595454	4172923	5.90557	LD-IDLE
595474	4172923	5.78369	LD-IDLE
595494	4172923	5.56358	LD-IDLE
595514	4172923	5.30479	LD-IDLE
595534	4172923	5.02273	LD-IDLE
595554	4172923	4.74534	LD-IDLE
595574	4172923	4.45334	LD-IDLE
595594	4172923	4.16478	LD-IDLE
595614	4172923	3.89086	LD-IDLE
595634	4172923	3.61999	LD-IDLE
595654	4172923	3.32697	LD-IDLE
595674	4172923	3.09323	LD-IDLE
595694	4172923	2.86866	LD-IDLE
595714	4172923	2.66029	LD-IDLE
595734	4172923	2.46985	LD-IDLE
595754	4172923	2.29741	LD-IDLE
595774	4172923	2.14221	LD-IDLE
595314	4172943	3.04298	LD-IDLE
595334	4172943	3.37463	LD-IDLE
595354	4172943	3.72553	LD-IDLE
595374	4172943	4.0753	LD-IDLE
595394	4172943	4.43023	LD-IDLE
595414	4172943	4.73875	LD-IDLE
595434	4172943	4.94928	LD-IDLE
595454	4172943	5.01867	LD-IDLE
595474	4172943	4.96622	LD-IDLE
595494	4172943	4.83255	LD-IDLE
595514	4172943	4.64883	LD-IDLE
595534	4172943	4.43902	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172943	4.21929	LD-IDLE
595574	4172943	3.98699	LD-IDLE
595594	4172943	3.76417	LD-IDLE
595614	4172943	3.54706	LD-IDLE
595634	4172943	3.32904	LD-IDLE
595654	4172943	3.07582	LD-IDLE
595674	4172943	2.89007	LD-IDLE
595694	4172943	2.70659	LD-IDLE
595714	4172943	2.52522	LD-IDLE
595734	4172943	2.35517	LD-IDLE
595754	4172943	2.19758	LD-IDLE
595774	4172943	2.05304	LD-IDLE
595314	4172963	2.66948	LD-IDLE
595334	4172963	2.94719	LD-IDLE
595354	4172963	3.22187	LD-IDLE
595374	4172963	3.4968	LD-IDLE
595394	4172963	3.77276	LD-IDLE
595414	4172963	4.03053	LD-IDLE
595434	4172963	4.22606	LD-IDLE
595454	4172963	4.31464	LD-IDLE
595474	4172963	4.29603	LD-IDLE
595494	4172963	4.2159	LD-IDLE
595514	4172963	4.08827	LD-IDLE
595534	4172963	3.9345	LD-IDLE
595554	4172963	3.76517	LD-IDLE
595574	4172963	3.58666	LD-IDLE
595594	4172963	3.40703	LD-IDLE
595614	4172963	3.23169	LD-IDLE
595634	4172963	3.03513	LD-IDLE
595654	4172963	2.85764	LD-IDLE
595674	4172963	2.69693	LD-IDLE
595694	4172963	2.5388	LD-IDLE
595714	4172963	2.38518	LD-IDLE
595734	4172963	2.23822	LD-IDLE
595754	4172963	2.09868	LD-IDLE
595314	4172983	2.36748	LD-IDLE
595334	4172983	2.59129	LD-IDLE
595354	4172983	2.81454	LD-IDLE
595374	4172983	3.03496	LD-IDLE
595394	4172983	3.25993	LD-IDLE
595414	4172983	3.4742	LD-IDLE
595434	4172983	3.65042	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595454	4172983	3.74933	LD-IDLE
595474	4172983	3.75941	LD-IDLE
595494	4172983	3.7123	LD-IDLE
595514	4172983	3.61616	LD-IDLE
595534	4172983	3.50157	LD-IDLE
595554	4172983	3.3736	LD-IDLE
595574	4172983	3.22942	LD-IDLE
595594	4172983	3.0869	LD-IDLE
595614	4172983	2.94642	LD-IDLE
595634	4172983	2.76579	LD-IDLE
595654	4172983	2.64448	LD-IDLE
595674	4172983	2.51097	LD-IDLE
595694	4172983	2.38028	LD-IDLE
595714	4172983	2.25222	LD-IDLE
595734	4172983	2.12711	LD-IDLE
595754	4172983	2.00578	LD-IDLE
595314	4173003	2.12175	LD-IDLE
595334	4173003	2.2958	LD-IDLE
595354	4173003	2.47845	LD-IDLE
595374	4173003	2.66	LD-IDLE
595394	4173003	2.84225	LD-IDLE
595414	4173003	3.02469	LD-IDLE
595434	4173003	3.18149	LD-IDLE
595454	4173003	3.28394	LD-IDLE
595474	4173003	3.31471	LD-IDLE
595494	4173003	3.28995	LD-IDLE
595514	4173003	3.22429	LD-IDLE
595534	4173003	3.13722	LD-IDLE
595554	4173003	3.03661	LD-IDLE
595574	4173003	2.92114	LD-IDLE
595594	4173003	2.80699	LD-IDLE
595614	4173003	2.68205	LD-IDLE
595634	4173003	2.5502	LD-IDLE
595654	4173003	2.44111	LD-IDLE
595674	4173003	2.32948	LD-IDLE
595694	4173003	2.22049	LD-IDLE
595714	4173003	2.11368	LD-IDLE
595734	4173003	2.0087	LD-IDLE
595294	4173023	1.75951	LD-IDLE
595314	4173023	1.90015	LD-IDLE
595334	4173023	2.0525	LD-IDLE
595354	4173023	2.20334	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595374	4173023	2.35198	LD-IDLE
595394	4173023	2.50434	LD-IDLE
595414	4173023	2.6585	LD-IDLE
595434	4173023	2.79386	LD-IDLE
595454	4173023	2.89277	LD-IDLE
595474	4173023	2.938	LD-IDLE
595494	4173023	2.93428	LD-IDLE
595514	4173023	2.89048	LD-IDLE
595534	4173023	2.82495	LD-IDLE
595554	4173023	2.74477	LD-IDLE
595574	4173023	2.6546	LD-IDLE
595594	4173023	2.56303	LD-IDLE
595614	4173023	2.43656	LD-IDLE
595634	4173023	2.35255	LD-IDLE
595654	4173023	2.25623	LD-IDLE
595674	4173023	2.16151	LD-IDLE
595694	4173023	2.06914	LD-IDLE
595714	4173023	1.97899	LD-IDLE
595294	4173043	1.60132	LD-IDLE
595314	4173043	1.72053	LD-IDLE
595334	4173043	1.84811	LD-IDLE
595354	4173043	1.97308	LD-IDLE
595374	4173043	2.09704	LD-IDLE
595394	4173043	2.22437	LD-IDLE
595414	4173043	2.35284	LD-IDLE
595434	4173043	2.47367	LD-IDLE
595454	4173043	2.56742	LD-IDLE
595474	4173043	2.61904	LD-IDLE
595494	4173043	2.6299	LD-IDLE
595514	4173043	2.60276	LD-IDLE
595534	4173043	2.55252	LD-IDLE
595554	4173043	2.49056	LD-IDLE
595574	4173043	2.42055	LD-IDLE
595594	4173043	2.34373	LD-IDLE
595614	4173043	2.24093	LD-IDLE
595634	4173043	2.17074	LD-IDLE
595654	4173043	2.08913	LD-IDLE
595674	4173043	2.00811	LD-IDLE
595694	4173043	1.92872	LD-IDLE
595294	4173063	1.46348	LD-IDLE
595314	4173063	1.56645	LD-IDLE
595334	4173063	1.67326	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595354	4173063	1.77842	LD-IDLE
595374	4173063	1.88224	LD-IDLE
595394	4173063	1.98679	LD-IDLE
595414	4173063	2.09624	LD-IDLE
595434	4173063	2.20338	LD-IDLE
595454	4173063	2.29335	LD-IDLE
595474	4173063	2.3496	LD-IDLE
595494	4173063	2.37061	LD-IDLE
595514	4173063	2.35651	LD-IDLE
595534	4173063	2.31885	LD-IDLE
595554	4173063	2.2706	LD-IDLE
595574	4173063	2.21169	LD-IDLE
595594	4173063	2.13833	LD-IDLE
595614	4173063	2.0711	LD-IDLE
595634	4173063	2.00715	LD-IDLE
595654	4173063	1.93814	LD-IDLE
595354	4173083	1.61127	LD-IDLE
595374	4173083	1.69696	LD-IDLE
595394	4173083	1.78555	LD-IDLE
595414	4173083	1.87996	LD-IDLE
595434	4173083	1.97509	LD-IDLE
595454	4173083	2.05976	LD-IDLE
595474	4173083	2.11864	LD-IDLE
595494	4173083	2.14936	LD-IDLE
595514	4173083	2.14613	LD-IDLE
595534	4173083	2.11496	LD-IDLE
595554	4173083	2.07861	LD-IDLE
595574	4173083	2.02959	LD-IDLE
595594	4173083	1.97787	LD-IDLE
595614	4173083	1.89847	LD-IDLE
595334	4173103	1.38993	LD-IDLE
595354	4173103	1.46562	LD-IDLE
595374	4173103	1.53849	LD-IDLE
595394	4173103	1.61425	LD-IDLE
595414	4173103	1.6961	LD-IDLE
595434	4173103	1.7806	LD-IDLE
595454	4173103	1.85977	LD-IDLE
595474	4173103	1.91949	LD-IDLE
595494	4173103	1.95338	LD-IDLE
595514	4173103	1.95094	LD-IDLE
595534	4173103	1.93701	LD-IDLE
595334	4173123	1.27376	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595354	4173123	1.33835	LD-IDLE
595374	4173123	1.4016	LD-IDLE
595394	4173123	1.46744	LD-IDLE
595414	4173123	1.53948	LD-IDLE
595434	4173123	1.61491	LD-IDLE
595454	4173123	1.68777	LD-IDLE
595474	4173123	1.747	LD-IDLE
595494	4173123	1.78151	LD-IDLE
595514	4173123	1.7854	LD-IDLE
595354	4173143	1.22848	LD-IDLE
595374	4173143	1.28406	LD-IDLE
595394	4173143	1.34294	LD-IDLE
595414	4173143	1.41147	LD-IDLE
595434	4173143	1.4771	LD-IDLE
595494	4173143	1.62488	LD-IDLE
595354	4173163	1.1347	LD-IDLE
595374	4173163	1.18271	LD-IDLE
595394	4173163	1.23349	LD-IDLE
595414	4173163	1.29208	LD-IDLE
595434	4173163	1.34997	LD-IDLE
595374	4173183	1.09329	LD-IDLE
595394	4173183	1.13746	LD-IDLE
595414	4173183	1.18613	LD-IDLE
595434	4173183	1.23814	LD-IDLE
595203.12	4172931.43	1.87878	LD-IDLE
595305.29	4173022.49	1.84091	LD-IDLE
596059.85	4172738.92	1.44128	LD-IDLE
595782.4	4171913.24	0.30325	LD-IDLE
595790.49	4171877.76	0.27656	LD-IDLE
595826.59	4171700.37	0.1877	LD-IDLE
595857.85	4171568.4	0.14881	LD-IDLE
595427.66	4172811.08	21.65779	LD-IDLE
595616.96	4172890.78	4.4221	LD-IDLE
595465.61	4172972.42	4.04036	LD-IDLE
595413.93	4172953.11	4.35859	LD-IDLE
595207.62	4172857.58	2.83422	LD-IDLE
595229.35	4172793.73	5.1428	LD-IDLE
595251.41	4172717.21	18.27734	LD-IDLE
595276.16	4172654.64	38.0307	LD-IDLE
595286.24	4171790.65	0.20946	LD-IDLE
595306.24	4171790.65	0.20862	LD-IDLE
595326.24	4171790.65	0.20793	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595266.24	4171810.65	0.21869	LD-IDLE
595286.24	4171810.65	0.21761	LD-IDLE
595306.24	4171810.65	0.21711	LD-IDLE
595326.24	4171810.65	0.21625	LD-IDLE
595246.24	4171830.65	0.22869	LD-IDLE
595266.24	4171830.65	0.22754	LD-IDLE
595286.24	4171830.65	0.22658	LD-IDLE
595306.24	4171830.65	0.22593	LD-IDLE
595326.24	4171830.65	0.22517	LD-IDLE
595226.24	4171850.65	0.23933	LD-IDLE
595246.24	4171850.65	0.23853	LD-IDLE
595266.24	4171850.65	0.23743	LD-IDLE
595286.24	4171850.65	0.23639	LD-IDLE
595306.24	4171850.65	0.23549	LD-IDLE
595326.24	4171850.65	0.23468	LD-IDLE
595206.24	4171870.65	0.25107	LD-IDLE
595226.24	4171870.65	0.25006	LD-IDLE
595246.24	4171870.65	0.24891	LD-IDLE
595266.24	4171870.65	0.24763	LD-IDLE
595286.24	4171870.65	0.24658	LD-IDLE
595306.24	4171870.65	0.24565	LD-IDLE
595186.24	4171890.65	0.26326	LD-IDLE
595206.24	4171890.65	0.26235	LD-IDLE
595226.24	4171890.65	0.2612	LD-IDLE
595246.24	4171890.65	0.25999	LD-IDLE
595266.24	4171890.65	0.2587	LD-IDLE
595286.24	4171890.65	0.25758	LD-IDLE
595306.24	4171890.65	0.25657	LD-IDLE
595186.24	4171910.65	0.27519	LD-IDLE
595206.24	4171910.65	0.27422	LD-IDLE
595226.24	4171910.65	0.27313	LD-IDLE
595246.24	4171910.65	0.27195	LD-IDLE
595266.24	4171910.65	0.2707	LD-IDLE
595286.24	4171910.65	0.26932	LD-IDLE
595306.24	4171910.65	0.26833	LD-IDLE
595166.24	4171930.65	0.28868	LD-IDLE
595186.24	4171930.65	0.28799	LD-IDLE
595206.24	4171930.65	0.2872	LD-IDLE
595226.24	4171930.65	0.28595	LD-IDLE
595246.24	4171930.65	0.28488	LD-IDLE
595266.24	4171930.65	0.28343	LD-IDLE
595286.24	4171930.65	0.28205	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595166.24	4171950.65	0.30264	LD-IDLE
595186.24	4171950.65	0.30183	LD-IDLE
595206.24	4171950.65	0.30095	LD-IDLE
595226.24	4171950.65	0.2996	LD-IDLE
595246.24	4171950.65	0.29854	LD-IDLE
595266.24	4171950.65	0.29712	LD-IDLE
595286.24	4171950.65	0.29585	LD-IDLE
595146.24	4171970.65	0.31818	LD-IDLE
595166.24	4171970.65	0.31722	LD-IDLE
595186.24	4171970.65	0.3166	LD-IDLE
595206.24	4171970.65	0.31576	LD-IDLE
595226.24	4171970.65	0.31454	LD-IDLE
595246.24	4171970.65	0.31361	LD-IDLE
595266.24	4171970.65	0.31211	LD-IDLE
595146.24	4171990.65	0.33456	LD-IDLE
595166.24	4171990.65	0.33346	LD-IDLE
595186.24	4171990.65	0.33275	LD-IDLE
595206.24	4171990.65	0.33187	LD-IDLE
595852.66	4171825.33	0.25564	LD-IDLE
595852.66	4171845.33	0.26974	LD-IDLE
595852.66	4171865.33	0.28529	LD-IDLE
595872.66	4171865.33	0.29216	LD-IDLE
595892.66	4171865.33	0.29949	LD-IDLE
595832.66	4171885.33	0.29537	LD-IDLE
595852.66	4171885.33	0.30248	LD-IDLE
595872.66	4171885.33	0.31012	LD-IDLE
595892.66	4171885.33	0.31818	LD-IDLE
595832.66	4171905.33	0.31335	LD-IDLE
595852.66	4171905.33	0.32156	LD-IDLE
595872.66	4171905.33	0.33008	LD-IDLE
595892.66	4171905.33	0.33864	LD-IDLE
595912.66	4171905.33	0.34711	LD-IDLE
595832.66	4171925.33	0.333	LD-IDLE
595852.66	4171925.33	0.34199	LD-IDLE
595872.66	4171925.33	0.35122	LD-IDLE
595892.66	4171925.33	0.36073	LD-IDLE
595912.66	4171925.33	0.37012	LD-IDLE
595852.66	4171945.33	0.36513	LD-IDLE
595872.66	4171945.33	0.37483	LD-IDLE
595892.66	4171945.33	0.3846	LD-IDLE
595912.66	4171945.33	0.39428	LD-IDLE
595932.66	4171945.33	0.40362	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595102.43	4172101.44	0.47645	LD-IDLE
595122.43	4172101.44	0.46764	LD-IDLE
595142.43	4172101.44	0.46122	LD-IDLE
595102.43	4172121.44	0.51108	LD-IDLE
595122.43	4172121.44	0.50027	LD-IDLE
595142.43	4172121.44	0.49244	LD-IDLE
595082.43	4172141.44	0.56486	LD-IDLE
595102.43	4172141.44	0.55009	LD-IDLE
595122.43	4172141.44	0.53757	LD-IDLE
595142.43	4172141.44	0.52772	LD-IDLE
595082.43	4172161.44	0.61174	LD-IDLE
595102.43	4172161.44	0.59544	LD-IDLE
595122.43	4172161.44	0.58003	LD-IDLE
595142.43	4172161.44	0.56776	LD-IDLE
595082.43	4172181.44	0.66489	LD-IDLE
595102.43	4172181.44	0.64578	LD-IDLE
595122.43	4172181.44	0.62825	LD-IDLE
595142.43	4172181.44	0.61321	LD-IDLE
595062.43	4172201.44	0.74808	LD-IDLE
595082.43	4172201.44	0.7252	LD-IDLE
595102.43	4172201.44	0.70363	LD-IDLE
595122.43	4172201.44	0.68305	LD-IDLE
595142.43	4172201.44	0.66508	LD-IDLE
595162.43	4172201.44	0.65022	LD-IDLE
595062.43	4172221.44	0.82022	LD-IDLE
595082.43	4172221.44	0.79441	LD-IDLE
595102.43	4172221.44	0.76993	LD-IDLE
595122.43	4172221.44	0.74568	LD-IDLE
595142.43	4172221.44	0.7241	LD-IDLE
595162.43	4172221.44	0.70568	LD-IDLE
595062.43	4172241.44	0.9039	LD-IDLE
595082.43	4172241.44	0.87488	LD-IDLE
595102.43	4172241.44	0.846	LD-IDLE
595122.43	4172241.44	0.81824	LD-IDLE
595142.43	4172241.44	0.79357	LD-IDLE
595162.43	4172241.44	0.77214	LD-IDLE
595062.43	4172261.44	1.00158	LD-IDLE
595082.43	4172261.44	0.96935	LD-IDLE
595102.43	4172261.44	0.93409	LD-IDLE
595122.43	4172261.44	0.90221	LD-IDLE
595142.43	4172261.44	0.87392	LD-IDLE
595042.43	4172281.44	1.14976	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595062.43	4172281.44	1.1142	LD-IDLE
595082.43	4172281.44	1.07777	LD-IDLE
595102.43	4172281.44	1.03658	LD-IDLE
595122.43	4172281.44	1.00295	LD-IDLE
595142.43	4172281.44	0.96769	LD-IDLE
595162.43	4172281.44	0.93449	LD-IDLE
595042.43	4172301.44	1.28327	LD-IDLE
595062.43	4172301.44	1.24542	LD-IDLE
595082.43	4172301.44	1.20317	LD-IDLE
595102.43	4172301.44	1.15862	LD-IDLE
595122.43	4172301.44	1.11786	LD-IDLE
595142.43	4172301.44	1.07717	LD-IDLE
595162.43	4172301.44	1.0386	LD-IDLE
595042.43	4172321.44	1.43833	LD-IDLE
595062.43	4172321.44	1.399	LD-IDLE
595082.43	4172321.44	1.34738	LD-IDLE
595102.43	4172321.44	1.30189	LD-IDLE
595122.43	4172321.44	1.25395	LD-IDLE
595142.43	4172321.44	1.20799	LD-IDLE
595162.43	4172321.44	1.16152	LD-IDLE
595022.43	4172341.44	1.64525	LD-IDLE
595042.43	4172341.44	1.61564	LD-IDLE
595062.43	4172341.44	1.57652	LD-IDLE
595082.43	4172341.44	1.52843	LD-IDLE
595102.43	4172341.44	1.47437	LD-IDLE
595122.43	4172341.44	1.41738	LD-IDLE
595142.43	4172341.44	1.36414	LD-IDLE
595162.43	4172341.44	1.30937	LD-IDLE
595509.2	4172311.1	0.99378	LD-IDLE
595453.66	4172369.33	1.28893	LD-IDLE
595568.33	4173021.18	2.70349	LD-IDLE
595515	4172097	0.4327	LD-IDLE
595271.59	4172931.11	2.63927	LD-IDLE
595259.54	4172956.67	2.15248	LD-IDLE
595229.53	4172979.48	1.68029	LD-IDLE
595158.78	4172948.61	1.41933	LD-IDLE
595424.36	4172061.47	0.38532	LD-IDLE
595637.78	4172033.56	0.37878	LD-IDLE
595497.98	4172569.45	10.14365	LD-IDLE
595440.32	4172695.89	87.94956	LD-IDLE
595531.7	4172736.24	17.94498	LD-IDLE
595503.43	4172797.49	14.81508	LD-IDLE

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595293.61	4172706.67	52.44842	LD-IDLE
595216.89	4172907.31	2.23601	LD-IDLE
595554	4171743	1.17936	OTH-TRU
595574	4171743	1.19396	OTH-TRU
595594	4171743	1.19692	OTH-TRU
595614	4171743	1.22135	OTH-TRU
595634	4171743	1.24654	OTH-TRU
595654	4171743	1.27311	OTH-TRU
595674	4171743	1.31684	OTH-TRU
595694	4171743	1.3839	OTH-TRU
595714	4171743	1.43999	OTH-TRU
595534	4171763	1.28798	OTH-TRU
595554	4171763	1.28367	OTH-TRU
595574	4171763	1.29643	OTH-TRU
595594	4171763	1.30528	OTH-TRU
595614	4171763	1.33827	OTH-TRU
595634	4171763	1.36951	OTH-TRU
595654	4171763	1.40173	OTH-TRU
595674	4171763	1.45741	OTH-TRU
595694	4171763	1.53048	OTH-TRU
595714	4171763	1.60981	OTH-TRU
595734	4171763	1.70644	OTH-TRU
595754	4171763	1.79336	OTH-TRU
595774	4171763	1.87728	OTH-TRU
595314	4171783	1.65583	OTH-TRU
595334	4171783	1.63795	OTH-TRU
595534	4171783	1.40309	OTH-TRU
595554	4171783	1.40752	OTH-TRU
595574	4171783	1.41956	OTH-TRU
595594	4171783	1.43358	OTH-TRU
595614	4171783	1.4602	OTH-TRU
595634	4171783	1.51261	OTH-TRU
595654	4171783	1.55895	OTH-TRU
595674	4171783	1.63179	OTH-TRU
595694	4171783	1.71379	OTH-TRU
595714	4171783	1.82618	OTH-TRU
595734	4171783	1.92943	OTH-TRU
595754	4171783	2.02598	OTH-TRU
595774	4171783	2.12123	OTH-TRU
595794	4171783	2.20341	OTH-TRU
595274	4171803	1.85377	OTH-TRU
595294	4171803	1.85163	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4171803	1.844	OTH-TRU
595334	4171803	1.82813	OTH-TRU
595534	4171803	1.54613	OTH-TRU
595554	4171803	1.54969	OTH-TRU
595574	4171803	1.57092	OTH-TRU
595594	4171803	1.59313	OTH-TRU
595614	4171803	1.62953	OTH-TRU
595634	4171803	1.68547	OTH-TRU
595654	4171803	1.74839	OTH-TRU
595674	4171803	1.83762	OTH-TRU
595694	4171803	1.94471	OTH-TRU
595714	4171803	2.07533	OTH-TRU
595734	4171803	2.20062	OTH-TRU
595754	4171803	2.30616	OTH-TRU
595774	4171803	2.41148	OTH-TRU
595794	4171803	2.49305	OTH-TRU
595814	4171803	2.55514	OTH-TRU
595254	4171823	2.03837	OTH-TRU
595274	4171823	2.05222	OTH-TRU
595294	4171823	2.06029	OTH-TRU
595314	4171823	2.06258	OTH-TRU
595334	4171823	2.05427	OTH-TRU
595514	4171823	1.74089	OTH-TRU
595534	4171823	1.71938	OTH-TRU
595554	4171823	1.72584	OTH-TRU
595574	4171823	1.72639	OTH-TRU
595594	4171823	1.75642	OTH-TRU
595614	4171823	1.81967	OTH-TRU
595634	4171823	1.88891	OTH-TRU
595654	4171823	1.98721	OTH-TRU
595674	4171823	2.11707	OTH-TRU
595694	4171823	2.23629	OTH-TRU
595714	4171823	2.39554	OTH-TRU
595734	4171823	2.53788	OTH-TRU
595754	4171823	2.65703	OTH-TRU
595774	4171823	2.75762	OTH-TRU
595794	4171823	2.83127	OTH-TRU
595814	4171823	2.87983	OTH-TRU
595834	4171823	2.90532	OTH-TRU
595854	4171823	2.90719	OTH-TRU
595234	4171843	2.21529	OTH-TRU
595254	4171843	2.25098	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595274	4171843	2.28134	OTH-TRU
595294	4171843	2.30376	OTH-TRU
595314	4171843	2.31648	OTH-TRU
595334	4171843	2.32094	OTH-TRU
595514	4171843	1.9552	OTH-TRU
595534	4171843	1.93151	OTH-TRU
595554	4171843	1.93308	OTH-TRU
595574	4171843	1.96916	OTH-TRU
595594	4171843	1.97762	OTH-TRU
595614	4171843	2.06278	OTH-TRU
595634	4171843	2.15666	OTH-TRU
595654	4171843	2.2889	OTH-TRU
595674	4171843	2.43907	OTH-TRU
595694	4171843	2.61711	OTH-TRU
595714	4171843	2.80664	OTH-TRU
595734	4171843	2.95456	OTH-TRU
595754	4171843	3.08023	OTH-TRU
595774	4171843	3.16868	OTH-TRU
595794	4171843	3.2248	OTH-TRU
595814	4171843	3.24826	OTH-TRU
595854	4171843	3.21556	OTH-TRU
595874	4171843	3.169	OTH-TRU
595214	4171863	2.35473	OTH-TRU
595234	4171863	2.41997	OTH-TRU
595254	4171863	2.48066	OTH-TRU
595274	4171863	2.53242	OTH-TRU
595294	4171863	2.57826	OTH-TRU
595314	4171863	2.61115	OTH-TRU
595334	4171863	2.63438	OTH-TRU
595514	4171863	2.22375	OTH-TRU
595534	4171863	2.19661	OTH-TRU
595554	4171863	2.19491	OTH-TRU
595574	4171863	2.21306	OTH-TRU
595594	4171863	2.25832	OTH-TRU
595614	4171863	2.34135	OTH-TRU
595634	4171863	2.49382	OTH-TRU
595654	4171863	2.68457	OTH-TRU
595674	4171863	2.86975	OTH-TRU
595694	4171863	3.12189	OTH-TRU
595714	4171863	3.3165	OTH-TRU
595734	4171863	3.47171	OTH-TRU
595754	4171863	3.58961	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4171863	3.65824	OTH-TRU
595794	4171863	3.68259	OTH-TRU
595814	4171863	3.66459	OTH-TRU
595834	4171863	3.61467	OTH-TRU
595854	4171863	3.54395	OTH-TRU
595874	4171863	3.4582	OTH-TRU
595894	4171863	3.36219	OTH-TRU
595194	4171883	2.45082	OTH-TRU
595214	4171883	2.54185	OTH-TRU
595234	4171883	2.63191	OTH-TRU
595254	4171883	2.71909	OTH-TRU
595274	4171883	2.80213	OTH-TRU
595294	4171883	2.87968	OTH-TRU
595314	4171883	2.94494	OTH-TRU
595514	4171883	2.58606	OTH-TRU
595534	4171883	2.54672	OTH-TRU
595554	4171883	2.53175	OTH-TRU
595574	4171883	2.54666	OTH-TRU
595594	4171883	2.61086	OTH-TRU
595614	4171883	2.73056	OTH-TRU
595634	4171883	2.92165	OTH-TRU
595654	4171883	3.19522	OTH-TRU
595674	4171883	3.45531	OTH-TRU
595694	4171883	3.76027	OTH-TRU
595714	4171883	3.97891	OTH-TRU
595734	4171883	4.12071	OTH-TRU
595754	4171883	4.19895	OTH-TRU
595774	4171883	4.21923	OTH-TRU
595794	4171883	4.18247	OTH-TRU
595814	4171883	4.11271	OTH-TRU
595834	4171883	4.00835	OTH-TRU
595854	4171883	3.88727	OTH-TRU
595874	4171883	3.75645	OTH-TRU
595894	4171883	3.62113	OTH-TRU
595174	4171903	2.49521	OTH-TRU
595194	4171903	2.60288	OTH-TRU
595214	4171903	2.71492	OTH-TRU
595234	4171903	2.83569	OTH-TRU
595254	4171903	2.95922	OTH-TRU
595274	4171903	3.08205	OTH-TRU
595294	4171903	3.2021	OTH-TRU
595314	4171903	3.31597	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4171903	3.05428	OTH-TRU
595534	4171903	2.98008	OTH-TRU
595554	4171903	2.96313	OTH-TRU
595574	4171903	3.00155	OTH-TRU
595594	4171903	3.09283	OTH-TRU
595614	4171903	3.2758	OTH-TRU
595634	4171903	3.54151	OTH-TRU
595654	4171903	3.90592	OTH-TRU
595674	4171903	4.26285	OTH-TRU
595694	4171903	4.57681	OTH-TRU
595714	4171903	4.79366	OTH-TRU
595734	4171903	4.91089	OTH-TRU
595754	4171903	4.92597	OTH-TRU
595774	4171903	4.86082	OTH-TRU
595794	4171903	4.74232	OTH-TRU
595814	4171903	4.58895	OTH-TRU
595834	4171903	4.41607	OTH-TRU
595854	4171903	4.23496	OTH-TRU
595874	4171903	4.05272	OTH-TRU
595894	4171903	3.87529	OTH-TRU
595914	4171903	3.70473	OTH-TRU
595174	4171923	2.61796	OTH-TRU
595194	4171923	2.74246	OTH-TRU
595214	4171923	2.88037	OTH-TRU
595234	4171923	3.02796	OTH-TRU
595254	4171923	3.18775	OTH-TRU
595274	4171923	3.35753	OTH-TRU
595294	4171923	3.52827	OTH-TRU
595534	4171923	3.59883	OTH-TRU
595554	4171923	3.55254	OTH-TRU
595574	4171923	3.59059	OTH-TRU
595594	4171923	3.73792	OTH-TRU
595614	4171923	4.03647	OTH-TRU
595634	4171923	4.46718	OTH-TRU
595654	4171923	4.94458	OTH-TRU
595674	4171923	5.38417	OTH-TRU
595694	4171923	5.68267	OTH-TRU
595714	4171923	5.86503	OTH-TRU
595734	4171923	5.84954	OTH-TRU
595754	4171923	5.74078	OTH-TRU
595774	4171923	5.55864	OTH-TRU
595794	4171923	5.33023	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4171923	5.07993	OTH-TRU
595834	4171923	4.82665	OTH-TRU
595854	4171923	4.57787	OTH-TRU
595874	4171923	4.34158	OTH-TRU
595894	4171923	4.11836	OTH-TRU
595914	4171923	3.91169	OTH-TRU
595154	4171943	2.6124	OTH-TRU
595174	4171943	2.7351	OTH-TRU
595194	4171943	2.87448	OTH-TRU
595214	4171943	3.02777	OTH-TRU
595234	4171943	3.20132	OTH-TRU
595254	4171943	3.39759	OTH-TRU
595274	4171943	3.61013	OTH-TRU
595294	4171943	3.84147	OTH-TRU
595534	4171943	4.50388	OTH-TRU
595554	4171943	4.39217	OTH-TRU
595574	4171943	4.43727	OTH-TRU
595594	4171943	4.67373	OTH-TRU
595614	4171943	5.1673	OTH-TRU
595634	4171943	5.83717	OTH-TRU
595654	4171943	6.48129	OTH-TRU
595674	4171943	6.95046	OTH-TRU
595694	4171943	7.15966	OTH-TRU
595714	4171943	7.14147	OTH-TRU
595734	4171943	6.93989	OTH-TRU
595754	4171943	6.65476	OTH-TRU
595774	4171943	6.30168	OTH-TRU
595794	4171943	5.91316	OTH-TRU
595814	4171943	5.56038	OTH-TRU
595834	4171943	5.22235	OTH-TRU
595854	4171943	4.90539	OTH-TRU
595874	4171943	4.61447	OTH-TRU
595894	4171943	4.34908	OTH-TRU
595914	4171943	4.10721	OTH-TRU
595934	4171943	3.88757	OTH-TRU
595154	4171963	2.70808	OTH-TRU
595174	4171963	2.841	OTH-TRU
595194	4171963	2.99017	OTH-TRU
595214	4171963	3.16128	OTH-TRU
595234	4171963	3.35283	OTH-TRU
595254	4171963	3.5825	OTH-TRU
595274	4171963	3.83544	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4171963	5.67367	OTH-TRU
595574	4171963	5.71143	OTH-TRU
595594	4171963	6.14853	OTH-TRU
595614	4171963	7.01999	OTH-TRU
595634	4171963	8.04809	OTH-TRU
595654	4171963	8.78898	OTH-TRU
595674	4171963	9.10926	OTH-TRU
595694	4171963	9.04597	OTH-TRU
595714	4171963	8.67811	OTH-TRU
595734	4171963	8.17149	OTH-TRU
595754	4171963	7.61596	OTH-TRU
595774	4171963	7.05483	OTH-TRU
595794	4171963	6.52425	OTH-TRU
595814	4171963	6.03795	OTH-TRU
595834	4171963	5.59868	OTH-TRU
595854	4171963	5.20464	OTH-TRU
595874	4171963	4.84262	OTH-TRU
595894	4171963	4.54569	OTH-TRU
595914	4171963	4.27698	OTH-TRU
595934	4171963	4.03466	OTH-TRU
595154	4171983	2.78877	OTH-TRU
595174	4171983	2.92642	OTH-TRU
595194	4171983	3.08688	OTH-TRU
595214	4171983	3.27034	OTH-TRU
595234	4171983	3.48317	OTH-TRU
595254	4171983	3.72094	OTH-TRU
595574	4171983	7.80621	OTH-TRU
595754	4172023	10.09914	OTH-TRU
595774	4172023	8.85059	OTH-TRU
595794	4172023	7.84939	OTH-TRU
595814	4172023	7.04471	OTH-TRU
595834	4172023	6.38814	OTH-TRU
595714	4172043	14.74491	OTH-TRU
595734	4172043	12.28257	OTH-TRU
595754	4172043	10.43834	OTH-TRU
595774	4172043	9.07792	OTH-TRU
595794	4172043	8.0152	OTH-TRU
595814	4172043	7.16726	OTH-TRU
595834	4172043	6.47848	OTH-TRU
595854	4172043	5.91388	OTH-TRU
595874	4172043	5.44037	OTH-TRU
595894	4172043	5.03744	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595914	4172043	4.69037	OTH-TRU
595934	4172043	4.39098	OTH-TRU
595714	4172063	15.04164	OTH-TRU
595734	4172063	12.36476	OTH-TRU
595754	4172063	10.51122	OTH-TRU
595774	4172063	9.11886	OTH-TRU
595794	4172063	8.04352	OTH-TRU
595814	4172063	7.19328	OTH-TRU
595834	4172063	6.50484	OTH-TRU
595854	4172063	5.94007	OTH-TRU
595874	4172063	5.46682	OTH-TRU
595894	4172063	5.06394	OTH-TRU
595914	4172063	4.71655	OTH-TRU
595934	4172063	4.41337	OTH-TRU
595714	4172083	14.58343	OTH-TRU
595734	4172083	12.05805	OTH-TRU
595754	4172083	10.29096	OTH-TRU
595774	4172083	8.96308	OTH-TRU
595794	4172083	7.93621	OTH-TRU
595814	4172083	7.12113	OTH-TRU
595834	4172083	6.45946	OTH-TRU
595854	4172083	5.91226	OTH-TRU
595874	4172083	5.45127	OTH-TRU
595894	4172083	5.05709	OTH-TRU
595914	4172083	4.71558	OTH-TRU
595934	4172083	4.41657	OTH-TRU
595114	4172103	2.69673	OTH-TRU
595134	4172103	2.76912	OTH-TRU
595714	4172103	13.62819	OTH-TRU
595734	4172103	11.45843	OTH-TRU
595754	4172103	9.87863	OTH-TRU
595774	4172103	8.67757	OTH-TRU
595794	4172103	7.73797	OTH-TRU
595814	4172103	6.98245	OTH-TRU
595834	4172103	6.36279	OTH-TRU
595854	4172103	5.84459	OTH-TRU
595874	4172103	5.40411	OTH-TRU
595894	4172103	5.02458	OTH-TRU
595914	4172103	4.69362	OTH-TRU
595934	4172103	4.40217	OTH-TRU
595094	4172123	2.69672	OTH-TRU
595114	4172123	2.76355	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595134	4172123	2.83199	OTH-TRU
595694	4172123	15.04937	OTH-TRU
595714	4172123	12.59178	OTH-TRU
595734	4172123	10.77739	OTH-TRU
595754	4172123	9.40783	OTH-TRU
595774	4172123	8.34766	OTH-TRU
595794	4172123	7.50327	OTH-TRU
595814	4172123	6.81468	OTH-TRU
595834	4172123	6.24122	OTH-TRU
595854	4172123	5.75576	OTH-TRU
595874	4172123	5.33895	OTH-TRU
595894	4172123	4.97648	OTH-TRU
595914	4172123	4.65815	OTH-TRU
595934	4172123	4.37608	OTH-TRU
595094	4172143	2.79878	OTH-TRU
595114	4172143	2.87131	OTH-TRU
595134	4172143	2.94306	OTH-TRU
595694	4172143	13.72612	OTH-TRU
595714	4172143	11.75036	OTH-TRU
595734	4172143	10.19763	OTH-TRU
595754	4172143	9.00102	OTH-TRU
595774	4172143	8.05634	OTH-TRU
595794	4172143	7.29064	OTH-TRU
595814	4172143	6.65679	OTH-TRU
595834	4172143	6.12278	OTH-TRU
595854	4172143	5.66606	OTH-TRU
595874	4172143	5.27042	OTH-TRU
595894	4172143	4.92384	OTH-TRU
595914	4172143	4.61752	OTH-TRU
595934	4172143	4.34458	OTH-TRU
595094	4172163	2.93086	OTH-TRU
595114	4172163	3.01882	OTH-TRU
595134	4172163	3.10302	OTH-TRU
595154	4172163	3.18733	OTH-TRU
595614	4172163	21.02558	OTH-TRU
595634	4172163	19.39902	OTH-TRU
595654	4172163	17.0217	OTH-TRU
595674	4172163	14.80457	OTH-TRU
595694	4172163	12.76971	OTH-TRU
595714	4172163	11.1091	OTH-TRU
595734	4172163	9.77946	OTH-TRU
595754	4172163	8.7123	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172163	7.84792	OTH-TRU
595794	4172163	7.13476	OTH-TRU
595814	4172163	6.53716	OTH-TRU
595834	4172163	6.02947	OTH-TRU
595854	4172163	5.59235	OTH-TRU
595874	4172163	5.21163	OTH-TRU
595894	4172163	4.87673	OTH-TRU
595914	4172163	4.57953	OTH-TRU
595074	4172183	2.96771	OTH-TRU
595094	4172183	3.08071	OTH-TRU
595114	4172183	3.19331	OTH-TRU
595134	4172183	3.30307	OTH-TRU
595154	4172183	3.40715	OTH-TRU
595614	4172183	16.23108	OTH-TRU
595634	4172183	15.70852	OTH-TRU
595654	4172183	14.7281	OTH-TRU
595674	4172183	13.3038	OTH-TRU
595694	4172183	11.88557	OTH-TRU
595714	4172183	10.59536	OTH-TRU
595734	4172183	9.47338	OTH-TRU
595754	4172183	8.5219	OTH-TRU
595774	4172183	7.72019	OTH-TRU
595794	4172183	7.04243	OTH-TRU
595814	4172183	6.46589	OTH-TRU
595834	4172183	5.97192	OTH-TRU
595854	4172183	5.54455	OTH-TRU
595874	4172183	5.17138	OTH-TRU
595894	4172183	4.84249	OTH-TRU
595914	4172183	4.5502	OTH-TRU
595074	4172203	3.09882	OTH-TRU
595094	4172203	3.23888	OTH-TRU
595114	4172203	3.38224	OTH-TRU
595134	4172203	3.52777	OTH-TRU
595154	4172203	3.66996	OTH-TRU
595594	4172203	12.81595	OTH-TRU
595614	4172203	13.60571	OTH-TRU
595634	4172203	13.48914	OTH-TRU
595654	4172203	12.95953	OTH-TRU
595674	4172203	12.09547	OTH-TRU
595694	4172203	11.1171	OTH-TRU
595714	4172203	10.13316	OTH-TRU
595734	4172203	9.20791	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172203	8.37398	OTH-TRU
595774	4172203	7.63653	OTH-TRU
595794	4172203	6.99239	OTH-TRU
595814	4172203	6.43288	OTH-TRU
595834	4172203	5.94695	OTH-TRU
595854	4172203	5.52344	OTH-TRU
595874	4172203	5.15206	OTH-TRU
595894	4172203	4.82422	OTH-TRU
595914	4172203	4.53274	OTH-TRU
595074	4172223	3.22463	OTH-TRU
595094	4172223	3.39522	OTH-TRU
595114	4172223	3.57054	OTH-TRU
595134	4172223	3.75961	OTH-TRU
595154	4172223	3.95086	OTH-TRU
595594	4172223	11.70523	OTH-TRU
595614	4172223	12.13256	OTH-TRU
595634	4172223	12.22121	OTH-TRU
595654	4172223	11.8342	OTH-TRU
595674	4172223	11.22224	OTH-TRU
595694	4172223	10.49027	OTH-TRU
595714	4172223	9.71476	OTH-TRU
595734	4172223	8.94744	OTH-TRU
595754	4172223	8.22346	OTH-TRU
595774	4172223	7.55602	OTH-TRU
595794	4172223	6.9533	OTH-TRU
595814	4172223	6.416	OTH-TRU
595834	4172223	5.94038	OTH-TRU
595854	4172223	5.52039	OTH-TRU
595874	4172223	5.14924	OTH-TRU
595894	4172223	4.82007	OTH-TRU
595054	4172243	3.17594	OTH-TRU
595074	4172243	3.34621	OTH-TRU
595094	4172243	3.5401	OTH-TRU
595114	4172243	3.74736	OTH-TRU
595134	4172243	3.98069	OTH-TRU
595154	4172243	4.23674	OTH-TRU
595594	4172243	11.52832	OTH-TRU
595614	4172243	11.60338	OTH-TRU
595634	4172243	11.57341	OTH-TRU
595654	4172243	11.18614	OTH-TRU
595674	4172243	10.64529	OTH-TRU
595694	4172243	10.01894	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172243	9.35749	OTH-TRU
595734	4172243	8.69566	OTH-TRU
595754	4172243	8.05815	OTH-TRU
595774	4172243	7.45673	OTH-TRU
595794	4172243	6.90026	OTH-TRU
595814	4172243	6.39263	OTH-TRU
595834	4172243	5.93398	OTH-TRU
595854	4172243	5.52197	OTH-TRU
595874	4172243	5.1536	OTH-TRU
595894	4172243	4.82393	OTH-TRU
595054	4172263	3.27746	OTH-TRU
595074	4172263	3.46302	OTH-TRU
595094	4172263	3.67344	OTH-TRU
595114	4172263	3.90346	OTH-TRU
595134	4172263	4.18618	OTH-TRU
595154	4172263	4.49284	OTH-TRU
595594	4172263	11.89845	OTH-TRU
595614	4172263	11.67232	OTH-TRU
595634	4172263	11.34915	OTH-TRU
595654	4172263	10.85842	OTH-TRU
595674	4172263	10.28904	OTH-TRU
595694	4172263	9.68263	OTH-TRU
595714	4172263	9.06781	OTH-TRU
595734	4172263	8.46423	OTH-TRU
595754	4172263	7.88424	OTH-TRU
595774	4172263	7.33544	OTH-TRU
595794	4172263	6.8229	OTH-TRU
595814	4172263	6.34834	OTH-TRU
595834	4172263	5.9124	OTH-TRU
595854	4172263	5.51456	OTH-TRU
595874	4172263	5.15381	OTH-TRU
595894	4172263	4.8272	OTH-TRU
595054	4172283	3.36419	OTH-TRU
595074	4172283	3.56141	OTH-TRU
595094	4172283	3.78017	OTH-TRU
595114	4172283	4.03999	OTH-TRU
595134	4172283	4.35204	OTH-TRU
595154	4172283	4.70216	OTH-TRU
595174	4172283	5.11458	OTH-TRU
595574	4172283	13.065	OTH-TRU
595594	4172283	12.59228	OTH-TRU
595614	4172283	11.9988	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172283	11.36793	OTH-TRU
595654	4172283	10.72113	OTH-TRU
595674	4172283	10.07334	OTH-TRU
595694	4172283	9.44115	OTH-TRU
595714	4172283	8.83336	OTH-TRU
595734	4172283	8.25527	OTH-TRU
595754	4172283	7.70981	OTH-TRU
595774	4172283	7.19827	OTH-TRU
595794	4172283	6.72167	OTH-TRU
595814	4172283	6.27841	OTH-TRU
595834	4172283	5.86764	OTH-TRU
595854	4172283	5.48842	OTH-TRU
595874	4172283	5.14029	OTH-TRU
595894	4172283	4.82141	OTH-TRU
595034	4172303	3.24867	OTH-TRU
595054	4172303	3.42369	OTH-TRU
595074	4172303	3.62668	OTH-TRU
595094	4172303	3.84917	OTH-TRU
595114	4172303	4.13757	OTH-TRU
595134	4172303	4.46278	OTH-TRU
595154	4172303	4.85095	OTH-TRU
595174	4172303	5.31588	OTH-TRU
595574	4172303	14.59534	OTH-TRU
595594	4172303	13.4482	OTH-TRU
595614	4172303	12.40148	OTH-TRU
595634	4172303	11.48615	OTH-TRU
595654	4172303	10.66768	OTH-TRU
595674	4172303	9.92605	OTH-TRU
595694	4172303	9.25035	OTH-TRU
595714	4172303	8.63225	OTH-TRU
595734	4172303	8.0623	OTH-TRU
595754	4172303	7.53656	OTH-TRU
595774	4172303	7.0511	OTH-TRU
595794	4172303	6.60179	OTH-TRU
595814	4172303	6.18521	OTH-TRU
595834	4172303	5.79859	OTH-TRU
595854	4172303	5.43975	OTH-TRU
595874	4172303	5.10757	OTH-TRU
595034	4172323	3.26575	OTH-TRU
595054	4172323	3.43889	OTH-TRU
595074	4172323	3.63611	OTH-TRU
595094	4172323	3.86173	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595114	4172323	4.14581	OTH-TRU
595134	4172323	4.48815	OTH-TRU
595154	4172323	4.89562	OTH-TRU
595174	4172323	5.39183	OTH-TRU
595574	4172323	16.16133	OTH-TRU
595594	4172323	14.27577	OTH-TRU
595614	4172323	12.74242	OTH-TRU
595634	4172323	11.57772	OTH-TRU
595654	4172323	10.61163	OTH-TRU
595674	4172323	9.78717	OTH-TRU
595694	4172323	9.07213	OTH-TRU
595714	4172323	8.44007	OTH-TRU
595734	4172323	7.87371	OTH-TRU
595754	4172323	7.36209	OTH-TRU
595774	4172323	6.89598	OTH-TRU
595794	4172323	6.46816	OTH-TRU
595814	4172323	6.07366	OTH-TRU
595834	4172323	5.70855	OTH-TRU
595854	4172323	5.36948	OTH-TRU
595874	4172323	5.05449	OTH-TRU
595034	4172343	3.24323	OTH-TRU
595054	4172343	3.40288	OTH-TRU
595074	4172343	3.59046	OTH-TRU
595094	4172343	3.81105	OTH-TRU
595114	4172343	4.07082	OTH-TRU
595134	4172343	4.39296	OTH-TRU
595154	4172343	4.79184	OTH-TRU
595574	4172343	17.31916	OTH-TRU
595594	4172343	14.82688	OTH-TRU
595614	4172343	12.90077	OTH-TRU
595634	4172343	11.53519	OTH-TRU
595654	4172343	10.46803	OTH-TRU
595674	4172343	9.60022	OTH-TRU
595694	4172343	8.87084	OTH-TRU
595714	4172343	8.23778	OTH-TRU
595734	4172343	7.6795	OTH-TRU
595754	4172343	7.18195	OTH-TRU
595774	4172343	6.73291	OTH-TRU
595794	4172343	6.3238	OTH-TRU
595814	4172343	5.94845	OTH-TRU
595834	4172343	5.60213	OTH-TRU
595854	4172343	5.28132	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4172343	4.98282	OTH-TRU
595554	4172363	22.01501	OTH-TRU
595574	4172363	17.71573	OTH-TRU
595594	4172363	14.83096	OTH-TRU
595614	4172363	12.81111	OTH-TRU
595634	4172363	11.36536	OTH-TRU
595654	4172363	10.25627	OTH-TRU
595674	4172363	9.3649	OTH-TRU
595694	4172363	8.62995	OTH-TRU
595714	4172363	8.00627	OTH-TRU
595734	4172363	7.46516	OTH-TRU
595754	4172363	6.98898	OTH-TRU
595774	4172363	6.56044	OTH-TRU
595794	4172363	6.17076	OTH-TRU
595814	4172363	5.8132	OTH-TRU
595834	4172363	5.48398	OTH-TRU
595854	4172363	5.17947	OTH-TRU
595874	4172363	4.89639	OTH-TRU
595554	4172383	21.37456	OTH-TRU
595574	4172383	17.12499	OTH-TRU
595594	4172383	14.31997	OTH-TRU
595614	4172383	12.39392	OTH-TRU
595634	4172383	10.99255	OTH-TRU
595654	4172383	9.92287	OTH-TRU
595674	4172383	9.07222	OTH-TRU
595694	4172383	8.36809	OTH-TRU
595714	4172383	7.77002	OTH-TRU
595734	4172383	7.25077	OTH-TRU
595754	4172383	6.78959	OTH-TRU
595774	4172383	6.37828	OTH-TRU
595794	4172383	6.00768	OTH-TRU
595814	4172383	5.66886	OTH-TRU
595834	4172383	5.35743	OTH-TRU
595854	4172383	5.06827	OTH-TRU
595554	4172403	19.33479	OTH-TRU
595574	4172403	15.74156	OTH-TRU
595594	4172403	13.42107	OTH-TRU
595614	4172403	11.73131	OTH-TRU
595634	4172403	10.47594	OTH-TRU
595654	4172403	9.50372	OTH-TRU
595674	4172403	8.72093	OTH-TRU
595694	4172403	8.06866	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172403	7.51011	OTH-TRU
595734	4172403	7.02219	OTH-TRU
595754	4172403	6.58951	OTH-TRU
595774	4172403	6.20076	OTH-TRU
595794	4172403	5.84799	OTH-TRU
595814	4172403	5.52358	OTH-TRU
595834	4172403	5.22491	OTH-TRU
595854	4172403	4.94928	OTH-TRU
595074	4172423	3.3211	OTH-TRU
595094	4172423	3.39153	OTH-TRU
595554	4172423	17.14392	OTH-TRU
595574	4172423	14.3001	OTH-TRU
595594	4172423	12.42678	OTH-TRU
595614	4172423	11.00462	OTH-TRU
595634	4172423	9.9198	OTH-TRU
595654	4172423	9.06143	OTH-TRU
595674	4172423	8.35739	OTH-TRU
595694	4172423	7.76264	OTH-TRU
595714	4172423	7.24727	OTH-TRU
595734	4172423	6.79279	OTH-TRU
595754	4172423	6.38679	OTH-TRU
595774	4172423	6.01993	OTH-TRU
595794	4172423	5.68572	OTH-TRU
595814	4172423	5.37881	OTH-TRU
595834	4172423	5.09531	OTH-TRU
595854	4172423	4.83291	OTH-TRU
595074	4172443	3.4087	OTH-TRU
595094	4172443	3.45543	OTH-TRU
595114	4172443	3.50495	OTH-TRU
595134	4172443	3.5655	OTH-TRU
595534	4172443	18.33872	OTH-TRU
595554	4172443	15.38193	OTH-TRU
595574	4172443	13.20695	OTH-TRU
595594	4172443	11.60967	OTH-TRU
595614	4172443	10.38668	OTH-TRU
595634	4172443	9.43399	OTH-TRU
595654	4172443	8.66618	OTH-TRU
595674	4172443	8.02681	OTH-TRU
595694	4172443	7.48033	OTH-TRU
595714	4172443	7.00281	OTH-TRU
595734	4172443	6.57789	OTH-TRU
595754	4172443	6.19482	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172443	5.84724	OTH-TRU
595794	4172443	5.52945	OTH-TRU
595814	4172443	5.23675	OTH-TRU
595834	4172443	4.9659	OTH-TRU
595854	4172443	4.71457	OTH-TRU
595054	4172463	3.5605	OTH-TRU
595074	4172463	3.59697	OTH-TRU
595094	4172463	3.62804	OTH-TRU
595114	4172463	3.65713	OTH-TRU
595534	4172463	16.06187	OTH-TRU
595554	4172463	13.94228	OTH-TRU
595574	4172463	12.31824	OTH-TRU
595594	4172463	11.03545	OTH-TRU
595614	4172463	9.95019	OTH-TRU
595634	4172463	9.07852	OTH-TRU
595654	4172463	8.36475	OTH-TRU
595674	4172463	7.764	OTH-TRU
595694	4172463	7.24737	OTH-TRU
595714	4172463	6.79329	OTH-TRU
595734	4172463	6.3881	OTH-TRU
595754	4172463	6.02207	OTH-TRU
595774	4172463	5.68907	OTH-TRU
595794	4172463	5.38423	OTH-TRU
595814	4172463	5.1027	OTH-TRU
595834	4172463	4.84259	OTH-TRU
595054	4172483	3.81769	OTH-TRU
595074	4172483	3.88551	OTH-TRU
595094	4172483	3.91663	OTH-TRU
595114	4172483	3.93689	OTH-TRU
595534	4172483	14.29335	OTH-TRU
595554	4172483	12.84082	OTH-TRU
595574	4172483	11.68347	OTH-TRU
595594	4172483	10.59513	OTH-TRU
595614	4172483	9.62675	OTH-TRU
595634	4172483	8.83199	OTH-TRU
595654	4172483	8.15734	OTH-TRU
595674	4172483	7.57641	OTH-TRU
595694	4172483	7.07225	OTH-TRU
595714	4172483	6.62843	OTH-TRU
595734	4172483	6.23231	OTH-TRU
595754	4172483	5.87526	OTH-TRU
595774	4172483	5.55073	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172483	5.25384	OTH-TRU
595814	4172483	4.98018	OTH-TRU
595834	4172483	4.72757	OTH-TRU
595034	4172503	4.14967	OTH-TRU
595054	4172503	4.21394	OTH-TRU
595074	4172503	4.27647	OTH-TRU
595094	4172503	4.32337	OTH-TRU
595114	4172503	4.35781	OTH-TRU
595534	4172503	12.93154	OTH-TRU
595554	4172503	11.93214	OTH-TRU
595574	4172503	11.10342	OTH-TRU
595594	4172503	10.21274	OTH-TRU
595614	4172503	9.38365	OTH-TRU
595634	4172503	8.65614	OTH-TRU
595654	4172503	8.0107	OTH-TRU
595674	4172503	7.43125	OTH-TRU
595694	4172503	6.94743	OTH-TRU
595714	4172503	6.50555	OTH-TRU
595734	4172503	6.11142	OTH-TRU
595754	4172503	5.7557	OTH-TRU
595774	4172503	5.43415	OTH-TRU
595794	4172503	5.14112	OTH-TRU
595814	4172503	4.87133	OTH-TRU
595834	4172503	4.62323	OTH-TRU
595034	4172523	4.57754	OTH-TRU
595054	4172523	4.69814	OTH-TRU
595074	4172523	4.80006	OTH-TRU
595094	4172523	4.86731	OTH-TRU
595514	4172523	12.38463	OTH-TRU
595534	4172523	11.89486	OTH-TRU
595554	4172523	11.27755	OTH-TRU
595574	4172523	10.61466	OTH-TRU
595594	4172523	9.75495	OTH-TRU
595614	4172523	9.13577	OTH-TRU
595634	4172523	8.51009	OTH-TRU
595654	4172523	7.881	OTH-TRU
595674	4172523	7.34708	OTH-TRU
595694	4172523	6.84817	OTH-TRU
595714	4172523	6.40881	OTH-TRU
595734	4172523	6.01516	OTH-TRU
595754	4172523	5.66023	OTH-TRU
595774	4172523	5.3379	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172523	5.04511	OTH-TRU
595814	4172523	4.77628	OTH-TRU
595834	4172523	4.53003	OTH-TRU
595034	4172543	5.06254	OTH-TRU
595054	4172543	5.25409	OTH-TRU
595074	4172543	5.42287	OTH-TRU
595094	4172543	5.57296	OTH-TRU
595514	4172543	11.70062	OTH-TRU
595534	4172543	11.2287	OTH-TRU
595554	4172543	10.74659	OTH-TRU
595574	4172543	10.0533	OTH-TRU
595594	4172543	9.40197	OTH-TRU
595614	4172543	8.8135	OTH-TRU
595634	4172543	8.30599	OTH-TRU
595654	4172543	7.77396	OTH-TRU
595674	4172543	7.19458	OTH-TRU
595694	4172543	6.74421	OTH-TRU
595714	4172543	6.33902	OTH-TRU
595734	4172543	5.9365	OTH-TRU
595754	4172543	5.58035	OTH-TRU
595774	4172543	5.25303	OTH-TRU
595794	4172543	4.96266	OTH-TRU
595814	4172543	4.69344	OTH-TRU
595014	4172563	5.30946	OTH-TRU
595034	4172563	5.58615	OTH-TRU
595054	4172563	5.86623	OTH-TRU
595074	4172563	6.13762	OTH-TRU
595094	4172563	6.40442	OTH-TRU
595514	4172563	11.40798	OTH-TRU
595534	4172563	10.89234	OTH-TRU
595554	4172563	10.41465	OTH-TRU
595574	4172563	9.67581	OTH-TRU
595594	4172563	9.10004	OTH-TRU
595614	4172563	8.57667	OTH-TRU
595634	4172563	8.13857	OTH-TRU
595654	4172563	7.58905	OTH-TRU
595674	4172563	7.07404	OTH-TRU
595694	4172563	6.62502	OTH-TRU
595714	4172563	6.20921	OTH-TRU
595734	4172563	5.8429	OTH-TRU
595754	4172563	5.50569	OTH-TRU
595774	4172563	5.18021	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172563	4.88952	OTH-TRU
595814	4172563	4.61923	OTH-TRU
595014	4172583	5.75015	OTH-TRU
595034	4172583	6.11124	OTH-TRU
595054	4172583	6.50477	OTH-TRU
595074	4172583	6.91183	OTH-TRU
595494	4172583	11.78131	OTH-TRU
595514	4172583	11.26987	OTH-TRU
595534	4172583	10.69569	OTH-TRU
595554	4172583	10.05356	OTH-TRU
595574	4172583	9.4098	OTH-TRU
595594	4172583	8.86683	OTH-TRU
595614	4172583	8.407	OTH-TRU
595634	4172583	7.94218	OTH-TRU
595654	4172583	7.39028	OTH-TRU
595674	4172583	6.93476	OTH-TRU
595694	4172583	6.50824	OTH-TRU
595714	4172583	6.10988	OTH-TRU
595734	4172583	5.76401	OTH-TRU
595754	4172583	5.42778	OTH-TRU
595774	4172583	5.11068	OTH-TRU
595794	4172583	4.8176	OTH-TRU
595814	4172583	4.54877	OTH-TRU
595034	4172603	6.62669	OTH-TRU
595054	4172603	7.12706	OTH-TRU
595074	4172603	7.69067	OTH-TRU
595494	4172603	11.9341	OTH-TRU
595514	4172603	11.21181	OTH-TRU
595534	4172603	10.58124	OTH-TRU
595554	4172603	9.87491	OTH-TRU
595574	4172603	9.20078	OTH-TRU
595594	4172603	8.66356	OTH-TRU
595614	4172603	8.24833	OTH-TRU
595634	4172603	7.73594	OTH-TRU
595654	4172603	7.21022	OTH-TRU
595674	4172603	6.77596	OTH-TRU
595694	4172603	6.36981	OTH-TRU
595714	4172603	5.98978	OTH-TRU
595734	4172603	5.67181	OTH-TRU
595754	4172603	5.33363	OTH-TRU
595774	4172603	5.02762	OTH-TRU
595794	4172603	4.74045	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4172623	13.08974	OTH-TRU
595494	4172623	12.12028	OTH-TRU
595514	4172623	11.2448	OTH-TRU
595534	4172623	10.49307	OTH-TRU
595554	4172623	9.79589	OTH-TRU
595574	4172623	9.16297	OTH-TRU
595594	4172623	8.55269	OTH-TRU
595614	4172623	8.0321	OTH-TRU
595634	4172623	7.53814	OTH-TRU
595654	4172623	7.07812	OTH-TRU
595674	4172623	6.63064	OTH-TRU
595694	4172623	6.2134	OTH-TRU
595714	4172623	5.86071	OTH-TRU
595734	4172623	5.54512	OTH-TRU
595754	4172623	5.22804	OTH-TRU
595774	4172623	4.93077	OTH-TRU
595794	4172623	4.6536	OTH-TRU
595814	4172623	4.39645	OTH-TRU
595474	4172643	13.40882	OTH-TRU
595494	4172643	12.19696	OTH-TRU
595514	4172643	11.23811	OTH-TRU
595534	4172643	10.3801	OTH-TRU
595554	4172643	9.62794	OTH-TRU
595574	4172643	8.95288	OTH-TRU
595594	4172643	8.35428	OTH-TRU
595614	4172643	7.81745	OTH-TRU
595634	4172643	7.26017	OTH-TRU
595654	4172643	6.85708	OTH-TRU
595674	4172643	6.46318	OTH-TRU
595694	4172643	6.08304	OTH-TRU
595714	4172643	5.73156	OTH-TRU
595734	4172643	5.40406	OTH-TRU
595754	4172643	5.10244	OTH-TRU
595774	4172643	4.8187	OTH-TRU
595794	4172643	4.5539	OTH-TRU
595814	4172643	4.30697	OTH-TRU
595474	4172663	13.55267	OTH-TRU
595494	4172663	12.20529	OTH-TRU
595514	4172663	11.14025	OTH-TRU
595534	4172663	10.22188	OTH-TRU
595554	4172663	9.43163	OTH-TRU
595574	4172663	8.73809	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172663	8.13184	OTH-TRU
595614	4172663	7.53702	OTH-TRU
595634	4172663	7.03107	OTH-TRU
595654	4172663	6.60857	OTH-TRU
595674	4172663	6.21081	OTH-TRU
595694	4172663	5.88292	OTH-TRU
595714	4172663	5.55653	OTH-TRU
595734	4172663	5.24831	OTH-TRU
595754	4172663	4.96157	OTH-TRU
595774	4172663	4.69225	OTH-TRU
595794	4172663	4.44102	OTH-TRU
595814	4172663	4.20614	OTH-TRU
595454	4172683	15.23604	OTH-TRU
595474	4172683	13.46875	OTH-TRU
595494	4172683	12.07487	OTH-TRU
595514	4172683	10.94777	OTH-TRU
595534	4172683	9.9994	OTH-TRU
595554	4172683	9.19255	OTH-TRU
595574	4172683	8.49453	OTH-TRU
595594	4172683	7.89082	OTH-TRU
595614	4172683	7.27243	OTH-TRU
595634	4172683	6.8086	OTH-TRU
595654	4172683	6.39123	OTH-TRU
595674	4172683	6.00583	OTH-TRU
595694	4172683	5.6993	OTH-TRU
595714	4172683	5.37819	OTH-TRU
595734	4172683	5.08296	OTH-TRU
595754	4172683	4.8081	OTH-TRU
595774	4172683	4.54945	OTH-TRU
595794	4172683	4.31403	OTH-TRU
595814	4172683	4.0926	OTH-TRU
595474	4172703	13.1815	OTH-TRU
595494	4172703	11.76611	OTH-TRU
595514	4172703	10.63701	OTH-TRU
595534	4172703	9.70766	OTH-TRU
595554	4172703	8.90873	OTH-TRU
595574	4172703	8.21652	OTH-TRU
595594	4172703	7.58802	OTH-TRU
595614	4172703	7.01768	OTH-TRU
595634	4172703	6.56798	OTH-TRU
595654	4172703	6.15863	OTH-TRU
595674	4172703	5.79793	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172703	5.49662	OTH-TRU
595714	4172703	5.18627	OTH-TRU
595734	4172703	4.90786	OTH-TRU
595754	4172703	4.64634	OTH-TRU
595774	4172703	4.40378	OTH-TRU
595794	4172703	4.17871	OTH-TRU
595814	4172703	3.96919	OTH-TRU
595834	4172703	3.77442	OTH-TRU
595294	4172723	108.4503	OTH-TRU
595314	4172723	71.07329	OTH-TRU
595514	4172723	10.29417	OTH-TRU
595534	4172723	9.3514	OTH-TRU
595554	4172723	8.56525	OTH-TRU
595574	4172723	7.90615	OTH-TRU
595594	4172723	7.32729	OTH-TRU
595614	4172723	6.77895	OTH-TRU
595634	4172723	6.31645	OTH-TRU
595654	4172723	5.92199	OTH-TRU
595674	4172723	5.59526	OTH-TRU
595694	4172723	5.28572	OTH-TRU
595714	4172723	4.99461	OTH-TRU
595734	4172723	4.72654	OTH-TRU
595754	4172723	4.47649	OTH-TRU
595774	4172723	4.24764	OTH-TRU
595794	4172723	4.02387	OTH-TRU
595814	4172723	3.83	OTH-TRU
595834	4172723	3.64957	OTH-TRU
595294	4172743	59.09865	OTH-TRU
595314	4172743	51.38665	OTH-TRU
595334	4172743	41.78196	OTH-TRU
595354	4172743	33.76927	OTH-TRU
595374	4172743	27.32596	OTH-TRU
595534	4172743	8.99623	OTH-TRU
595554	4172743	8.23151	OTH-TRU
595574	4172743	7.57303	OTH-TRU
595594	4172743	7.01494	OTH-TRU
595614	4172743	6.53068	OTH-TRU
595634	4172743	6.10433	OTH-TRU
595654	4172743	5.70344	OTH-TRU
595674	4172743	5.38064	OTH-TRU
595694	4172743	5.07032	OTH-TRU
595714	4172743	4.79579	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172743	4.54196	OTH-TRU
595754	4172743	4.30458	OTH-TRU
595774	4172743	4.07862	OTH-TRU
595794	4172743	3.88087	OTH-TRU
595814	4172743	3.69882	OTH-TRU
595834	4172743	3.52868	OTH-TRU
595274	4172763	40.17586	OTH-TRU
595294	4172763	46.09515	OTH-TRU
595314	4172763	43.69367	OTH-TRU
595334	4172763	37.82836	OTH-TRU
595354	4172763	31.60872	OTH-TRU
595374	4172763	26.03131	OTH-TRU
595394	4172763	21.67143	OTH-TRU
595414	4172763	18.24714	OTH-TRU
595534	4172763	8.60633	OTH-TRU
595554	4172763	7.87129	OTH-TRU
595574	4172763	7.24755	OTH-TRU
595594	4172763	6.70898	OTH-TRU
595614	4172763	6.23608	OTH-TRU
595634	4172763	5.82322	OTH-TRU
595654	4172763	5.46432	OTH-TRU
595674	4172763	5.14391	OTH-TRU
595694	4172763	4.85246	OTH-TRU
595714	4172763	4.59366	OTH-TRU
595734	4172763	4.35418	OTH-TRU
595754	4172763	4.13087	OTH-TRU
595774	4172763	3.9235	OTH-TRU
595794	4172763	3.7371	OTH-TRU
595814	4172763	3.56537	OTH-TRU
594934	4172783	4.27408	OTH-TRU
594954	4172783	4.72047	OTH-TRU
594974	4172783	5.26819	OTH-TRU
595274	4172783	53.07205	OTH-TRU
595294	4172783	50.40264	OTH-TRU
595314	4172783	43.52317	OTH-TRU
595334	4172783	36.36277	OTH-TRU
595354	4172783	30.0168	OTH-TRU
595374	4172783	24.83182	OTH-TRU
595394	4172783	20.72401	OTH-TRU
595414	4172783	17.49111	OTH-TRU
595434	4172783	14.95305	OTH-TRU
595454	4172783	12.95545	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4172783	9.06248	OTH-TRU
595534	4172783	8.216	OTH-TRU
595554	4172783	7.50902	OTH-TRU
595574	4172783	6.91288	OTH-TRU
595594	4172783	6.39792	OTH-TRU
595614	4172783	5.95325	OTH-TRU
595634	4172783	5.56203	OTH-TRU
595654	4172783	5.21687	OTH-TRU
595674	4172783	4.90678	OTH-TRU
595694	4172783	4.63212	OTH-TRU
595714	4172783	4.3944	OTH-TRU
595734	4172783	4.17125	OTH-TRU
595754	4172783	3.96552	OTH-TRU
595774	4172783	3.77687	OTH-TRU
595794	4172783	3.60199	OTH-TRU
595814	4172783	3.43573	OTH-TRU
594894	4172803	3.24905	OTH-TRU
594914	4172803	3.56031	OTH-TRU
594934	4172803	3.9308	OTH-TRU
594954	4172803	4.36127	OTH-TRU
594974	4172803	4.88343	OTH-TRU
595274	4172803	89.2279	OTH-TRU
595294	4172803	60.45506	OTH-TRU
595314	4172803	44.87437	OTH-TRU
595334	4172803	35.01077	OTH-TRU
595354	4172803	28.30518	OTH-TRU
595374	4172803	23.3042	OTH-TRU
595394	4172803	19.48678	OTH-TRU
595414	4172803	16.51992	OTH-TRU
595434	4172803	14.17286	OTH-TRU
595454	4172803	12.30803	OTH-TRU
595474	4172803	10.82173	OTH-TRU
595494	4172803	9.62067	OTH-TRU
595514	4172803	8.63961	OTH-TRU
595534	4172803	7.82909	OTH-TRU
595554	4172803	7.15246	OTH-TRU
595574	4172803	6.58363	OTH-TRU
595594	4172803	6.0929	OTH-TRU
595614	4172803	5.67156	OTH-TRU
595634	4172803	5.30245	OTH-TRU
595654	4172803	4.97644	OTH-TRU
595674	4172803	4.68652	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172803	4.42277	OTH-TRU
595714	4172803	4.18629	OTH-TRU
595734	4172803	3.97911	OTH-TRU
595754	4172803	3.78779	OTH-TRU
595774	4172803	3.61164	OTH-TRU
595794	4172803	3.44751	OTH-TRU
595814	4172803	3.29513	OTH-TRU
594874	4172823	2.68636	OTH-TRU
594894	4172823	2.9244	OTH-TRU
594914	4172823	3.2001	OTH-TRU
594934	4172823	3.5222	OTH-TRU
594954	4172823	3.90047	OTH-TRU
595254	4172823	219.69607	OTH-TRU
595274	4172823	103.87027	OTH-TRU
595294	4172823	61.98845	OTH-TRU
595314	4172823	42.79869	OTH-TRU
595334	4172823	32.32788	OTH-TRU
595354	4172823	25.76896	OTH-TRU
595374	4172823	21.23327	OTH-TRU
595394	4172823	17.86362	OTH-TRU
595414	4172823	15.25873	OTH-TRU
595434	4172823	13.2024	OTH-TRU
595454	4172823	11.5455	OTH-TRU
595474	4172823	10.19642	OTH-TRU
595494	4172823	9.09733	OTH-TRU
595514	4172823	8.18984	OTH-TRU
595534	4172823	7.43592	OTH-TRU
595554	4172823	6.80208	OTH-TRU
595574	4172823	6.26354	OTH-TRU
595594	4172823	5.8002	OTH-TRU
595614	4172823	5.40075	OTH-TRU
595634	4172823	5.05078	OTH-TRU
595654	4172823	4.74347	OTH-TRU
595674	4172823	4.47044	OTH-TRU
595694	4172823	4.21437	OTH-TRU
595714	4172823	3.99272	OTH-TRU
595734	4172823	3.79873	OTH-TRU
595754	4172823	3.61886	OTH-TRU
595774	4172823	3.45351	OTH-TRU
595794	4172823	3.30057	OTH-TRU
595814	4172823	3.15751	OTH-TRU
594874	4172843	2.39758	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594894	4172843	2.59022	OTH-TRU
594914	4172843	2.82177	OTH-TRU
594934	4172843	3.08975	OTH-TRU
594954	4172843	3.40008	OTH-TRU
595254	4172843	155.31057	OTH-TRU
595274	4172843	84.89096	OTH-TRU
595294	4172843	52.95159	OTH-TRU
595314	4172843	36.97981	OTH-TRU
595334	4172843	28.10818	OTH-TRU
595354	4172843	22.57067	OTH-TRU
595374	4172843	18.77214	OTH-TRU
595394	4172843	15.97144	OTH-TRU
595414	4172843	13.81194	OTH-TRU
595434	4172843	12.08238	OTH-TRU
595454	4172843	10.67384	OTH-TRU
595474	4172843	9.50092	OTH-TRU
595494	4172843	8.53292	OTH-TRU
595514	4172843	7.71976	OTH-TRU
595534	4172843	7.02975	OTH-TRU
595554	4172843	6.44587	OTH-TRU
595574	4172843	5.94847	OTH-TRU
595594	4172843	5.51652	OTH-TRU
595614	4172843	5.13806	OTH-TRU
595634	4172843	4.81023	OTH-TRU
595654	4172843	4.52027	OTH-TRU
595674	4172843	4.26231	OTH-TRU
595694	4172843	4.00919	OTH-TRU
595714	4172843	3.81601	OTH-TRU
595734	4172843	3.63095	OTH-TRU
595754	4172843	3.4622	OTH-TRU
595774	4172843	3.30724	OTH-TRU
595794	4172843	3.16413	OTH-TRU
595814	4172843	3.03073	OTH-TRU
594854	4172863	1.98493	OTH-TRU
594874	4172863	2.12995	OTH-TRU
594894	4172863	2.28651	OTH-TRU
594914	4172863	2.47007	OTH-TRU
594934	4172863	2.6885	OTH-TRU
595234	4172863	63.05834	OTH-TRU
595254	4172863	85.3724	OTH-TRU
595274	4172863	57.52268	OTH-TRU
595294	4172863	40.60995	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4172863	30.12367	OTH-TRU
595334	4172863	23.599	OTH-TRU
595354	4172863	19.30855	OTH-TRU
595374	4172863	16.31533	OTH-TRU
595394	4172863	14.05876	OTH-TRU
595414	4172863	12.31723	OTH-TRU
595434	4172863	10.91071	OTH-TRU
595454	4172863	9.75355	OTH-TRU
595474	4172863	8.77128	OTH-TRU
595494	4172863	7.9399	OTH-TRU
595514	4172863	7.22834	OTH-TRU
595534	4172863	6.61486	OTH-TRU
595554	4172863	6.09011	OTH-TRU
595574	4172863	5.63971	OTH-TRU
595594	4172863	5.24249	OTH-TRU
595614	4172863	4.89466	OTH-TRU
595634	4172863	4.5807	OTH-TRU
595654	4172863	4.30762	OTH-TRU
595674	4172863	4.06062	OTH-TRU
595694	4172863	3.83546	OTH-TRU
595714	4172863	3.64569	OTH-TRU
595734	4172863	3.47146	OTH-TRU
595754	4172863	3.31275	OTH-TRU
595774	4172863	3.16718	OTH-TRU
595794	4172863	3.0328	OTH-TRU
594854	4172883	1.77783	OTH-TRU
594874	4172883	1.89608	OTH-TRU
594894	4172883	2.02821	OTH-TRU
594914	4172883	2.17888	OTH-TRU
595234	4172883	42.22873	OTH-TRU
595254	4172883	44.53033	OTH-TRU
595274	4172883	37.44397	OTH-TRU
595294	4172883	29.99113	OTH-TRU
595314	4172883	23.94597	OTH-TRU
595334	4172883	19.65148	OTH-TRU
595354	4172883	16.51627	OTH-TRU
595374	4172883	14.17715	OTH-TRU
595394	4172883	12.36454	OTH-TRU
595414	4172883	10.95011	OTH-TRU
595434	4172883	9.81256	OTH-TRU
595454	4172883	8.84821	OTH-TRU
595474	4172883	8.03646	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4172883	7.33631	OTH-TRU
595514	4172883	6.73382	OTH-TRU
595534	4172883	6.20301	OTH-TRU
595554	4172883	5.741	OTH-TRU
595574	4172883	5.33538	OTH-TRU
595594	4172883	4.97176	OTH-TRU
595614	4172883	4.65046	OTH-TRU
595634	4172883	4.36535	OTH-TRU
595654	4172883	4.11199	OTH-TRU
595674	4172883	3.86121	OTH-TRU
595694	4172883	3.66754	OTH-TRU
595714	4172883	3.48611	OTH-TRU
595734	4172883	3.32178	OTH-TRU
595754	4172883	3.17215	OTH-TRU
595774	4172883	3.03508	OTH-TRU
595794	4172883	2.90847	OTH-TRU
594854	4172903	1.61194	OTH-TRU
594874	4172903	1.71303	OTH-TRU
594894	4172903	1.82512	OTH-TRU
594914	4172903	1.95227	OTH-TRU
595234	4172903	22.81384	OTH-TRU
595254	4172903	26.02559	OTH-TRU
595274	4172903	25.14364	OTH-TRU
595294	4172903	22.28349	OTH-TRU
595314	4172903	19.10015	OTH-TRU
595334	4172903	16.39853	OTH-TRU
595354	4172903	14.14189	OTH-TRU
595374	4172903	12.37226	OTH-TRU
595394	4172903	10.96225	OTH-TRU
595414	4172903	9.80194	OTH-TRU
595434	4172903	8.84229	OTH-TRU
595454	4172903	8.0361	OTH-TRU
595474	4172903	7.35113	OTH-TRU
595494	4172903	6.76294	OTH-TRU
595514	4172903	6.24674	OTH-TRU
595534	4172903	5.79246	OTH-TRU
595554	4172903	5.39377	OTH-TRU
595574	4172903	5.03555	OTH-TRU
595594	4172903	4.7089	OTH-TRU
595614	4172903	4.41722	OTH-TRU
595634	4172903	4.15752	OTH-TRU
595654	4172903	3.92194	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172903	3.68841	OTH-TRU
595694	4172903	3.50832	OTH-TRU
595714	4172903	3.33744	OTH-TRU
595734	4172903	3.18236	OTH-TRU
595754	4172903	3.04099	OTH-TRU
595774	4172903	2.9115	OTH-TRU
595794	4172903	2.79206	OTH-TRU
594854	4172923	1.48087	OTH-TRU
594874	4172923	1.57079	OTH-TRU
594894	4172923	1.66975	OTH-TRU
594914	4172923	1.78208	OTH-TRU
595254	4172923	17.15114	OTH-TRU
595274	4172923	17.6303	OTH-TRU
595294	4172923	16.75866	OTH-TRU
595314	4172923	15.28234	OTH-TRU
595334	4172923	13.71599	OTH-TRU
595354	4172923	12.18626	OTH-TRU
595374	4172923	10.86889	OTH-TRU
595394	4172923	9.75086	OTH-TRU
595414	4172923	8.81294	OTH-TRU
595434	4172923	8.0209	OTH-TRU
595454	4172923	7.33933	OTH-TRU
595474	4172923	6.75402	OTH-TRU
595494	4172923	6.24189	OTH-TRU
595514	4172923	5.79755	OTH-TRU
595534	4172923	5.40462	OTH-TRU
595554	4172923	5.05999	OTH-TRU
595574	4172923	4.74366	OTH-TRU
595594	4172923	4.45624	OTH-TRU
595614	4172923	4.19813	OTH-TRU
595634	4172923	3.96058	OTH-TRU
595654	4172923	3.72453	OTH-TRU
595674	4172923	3.53511	OTH-TRU
595694	4172923	3.35944	OTH-TRU
595714	4172923	3.19911	OTH-TRU
595734	4172923	3.05293	OTH-TRU
595754	4172923	2.91929	OTH-TRU
595774	4172923	2.79664	OTH-TRU
595314	4172943	12.29531	OTH-TRU
595334	4172943	11.43341	OTH-TRU
595354	4172943	10.49694	OTH-TRU
595374	4172943	9.57766	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595394	4172943	8.73897	OTH-TRU
595414	4172943	7.97716	OTH-TRU
595434	4172943	7.31241	OTH-TRU
595454	4172943	6.73328	OTH-TRU
595474	4172943	6.2304	OTH-TRU
595494	4172943	5.79061	OTH-TRU
595514	4172943	5.40167	OTH-TRU
595534	4172943	5.05663	OTH-TRU
595554	4172943	4.74951	OTH-TRU
595574	4172943	4.46834	OTH-TRU
595594	4172943	4.21625	OTH-TRU
595614	4172943	3.98618	OTH-TRU
595634	4172943	3.77166	OTH-TRU
595654	4172943	3.54944	OTH-TRU
595674	4172943	3.37811	OTH-TRU
595694	4172943	3.2198	OTH-TRU
595714	4172943	3.06991	OTH-TRU
595734	4172943	2.93247	OTH-TRU
595754	4172943	2.80623	OTH-TRU
595774	4172943	2.69003	OTH-TRU
595314	4172963	9.97871	OTH-TRU
595334	4172963	9.58148	OTH-TRU
595354	4172963	9.02785	OTH-TRU
595374	4172963	8.42259	OTH-TRU
595394	4172963	7.81329	OTH-TRU
595414	4172963	7.22987	OTH-TRU
595434	4172963	6.69424	OTH-TRU
595454	4172963	6.2069	OTH-TRU
595474	4172963	5.76758	OTH-TRU
595494	4172963	5.3868	OTH-TRU
595514	4172963	5.04559	OTH-TRU
595534	4172963	4.74074	OTH-TRU
595554	4172963	4.4668	OTH-TRU
595574	4172963	4.21836	OTH-TRU
595594	4172963	3.99241	OTH-TRU
595614	4172963	3.78628	OTH-TRU
595634	4172963	3.5808	OTH-TRU
595654	4172963	3.39758	OTH-TRU
595674	4172963	3.23611	OTH-TRU
595694	4172963	3.08562	OTH-TRU
595714	4172963	2.94622	OTH-TRU
595734	4172963	2.81787	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172963	2.69934	OTH-TRU
595314	4172983	8.23904	OTH-TRU
595334	4172983	8.0701	OTH-TRU
595354	4172983	7.76801	OTH-TRU
595374	4172983	7.38894	OTH-TRU
595394	4172983	6.97438	OTH-TRU
595414	4172983	6.54461	OTH-TRU
595434	4172983	6.12848	OTH-TRU
595454	4172983	5.73324	OTH-TRU
595474	4172983	5.36235	OTH-TRU
595494	4172983	5.03193	OTH-TRU
595514	4172983	4.72706	OTH-TRU
595534	4172983	4.45627	OTH-TRU
595554	4172983	4.21228	OTH-TRU
595574	4172983	3.98637	OTH-TRU
595594	4172983	3.7838	OTH-TRU
595614	4172983	3.59934	OTH-TRU
595634	4172983	3.39974	OTH-TRU
595654	4172983	3.25215	OTH-TRU
595674	4172983	3.10385	OTH-TRU
595694	4172983	2.96554	OTH-TRU
595714	4172983	2.83663	OTH-TRU
595734	4172983	2.71663	OTH-TRU
595754	4172983	2.60502	OTH-TRU
595314	4173003	6.92843	OTH-TRU
595334	4173003	6.8625	OTH-TRU
595354	4173003	6.70958	OTH-TRU
595374	4173003	6.48476	OTH-TRU
595394	4173003	6.20837	OTH-TRU
595414	4173003	5.90702	OTH-TRU
595434	4173003	5.59528	OTH-TRU
595454	4173003	5.28691	OTH-TRU
595474	4173003	4.98534	OTH-TRU
595494	4173003	4.70389	OTH-TRU
595514	4173003	4.44139	OTH-TRU
595534	4173003	4.20173	OTH-TRU
595554	4173003	3.98252	OTH-TRU
595574	4173003	3.77774	OTH-TRU
595594	4173003	3.59445	OTH-TRU
595614	4173003	3.41993	OTH-TRU
595634	4173003	3.25227	OTH-TRU
595654	4173003	3.11121	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4173003	2.97554	OTH-TRU
595694	4173003	2.84842	OTH-TRU
595714	4173003	2.72928	OTH-TRU
595734	4173003	2.61769	OTH-TRU
595294	4173023	5.77345	OTH-TRU
595314	4173023	5.8879	OTH-TRU
595334	4173023	5.90713	OTH-TRU
595354	4173023	5.84089	OTH-TRU
595374	4173023	5.71042	OTH-TRU
595394	4173023	5.5341	OTH-TRU
595414	4173023	5.32589	OTH-TRU
595434	4173023	5.09409	OTH-TRU
595454	4173023	4.85805	OTH-TRU
595474	4173023	4.62203	OTH-TRU
595494	4173023	4.39371	OTH-TRU
595514	4173023	4.17226	OTH-TRU
595534	4173023	3.96477	OTH-TRU
595554	4173023	3.77012	OTH-TRU
595574	4173023	3.58819	OTH-TRU
595594	4173023	3.42269	OTH-TRU
595614	4173023	3.24433	OTH-TRU
595634	4173023	3.11268	OTH-TRU
595654	4173023	2.97979	OTH-TRU
595674	4173023	2.85519	OTH-TRU
595694	4173023	2.73812	OTH-TRU
595714	4173023	2.62796	OTH-TRU
595294	4173043	4.96568	OTH-TRU
595314	4173043	5.08968	OTH-TRU
595334	4173043	5.14196	OTH-TRU
595354	4173043	5.12524	OTH-TRU
595374	4173043	5.05611	OTH-TRU
595394	4173043	4.94567	OTH-TRU
595414	4173043	4.80088	OTH-TRU
595434	4173043	4.63561	OTH-TRU
595454	4173043	4.45845	OTH-TRU
595474	4173043	4.27532	OTH-TRU
595494	4173043	4.0944	OTH-TRU
595514	4173043	3.91214	OTH-TRU
595534	4173043	3.73544	OTH-TRU
595554	4173043	3.56826	OTH-TRU
595574	4173043	3.40993	OTH-TRU
595594	4173043	3.25975	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4173043	3.09983	OTH-TRU
595634	4173043	2.97914	OTH-TRU
595654	4173043	2.8571	OTH-TRU
595674	4173043	2.74238	OTH-TRU
595694	4173043	2.63431	OTH-TRU
595294	4173063	4.32793	OTH-TRU
595314	4173063	4.45302	OTH-TRU
595334	4173063	4.51991	OTH-TRU
595354	4173063	4.53344	OTH-TRU
595374	4173063	4.50259	OTH-TRU
595394	4173063	4.43248	OTH-TRU
595414	4173063	4.33494	OTH-TRU
595434	4173063	4.21834	OTH-TRU
595454	4173063	4.09013	OTH-TRU
595474	4173063	3.95171	OTH-TRU
595494	4173063	3.8105	OTH-TRU
595514	4173063	3.66334	OTH-TRU
595534	4173063	3.51595	OTH-TRU
595554	4173063	3.37494	OTH-TRU
595574	4173063	3.23608	OTH-TRU
595594	4173063	3.09435	OTH-TRU
595614	4173063	2.96788	OTH-TRU
595634	4173063	2.8532	OTH-TRU
595654	4173063	2.74164	OTH-TRU
595354	4173083	4.03902	OTH-TRU
595374	4173083	4.02959	OTH-TRU
595394	4173083	3.98963	OTH-TRU
595414	4173083	3.92644	OTH-TRU
595434	4173083	3.84577	OTH-TRU
595454	4173083	3.75413	OTH-TRU
595474	4173083	3.65157	OTH-TRU
595494	4173083	3.54568	OTH-TRU
595514	4173083	3.42892	OTH-TRU
595534	4173083	3.30338	OTH-TRU
595554	4173083	3.1876	OTH-TRU
595574	4173083	3.06875	OTH-TRU
595594	4173083	2.95474	OTH-TRU
595614	4173083	2.81436	OTH-TRU
595334	4173103	3.58074	OTH-TRU
595354	4173103	3.62116	OTH-TRU
595374	4173103	3.62758	OTH-TRU
595394	4173103	3.60826	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595414	4173103	3.56942	OTH-TRU
595434	4173103	3.51513	OTH-TRU
595454	4173103	3.45142	OTH-TRU
595474	4173103	3.37677	OTH-TRU
595494	4173103	3.29431	OTH-TRU
595514	4173103	3.1933	OTH-TRU
595534	4173103	3.1004	OTH-TRU
595334	4173123	3.22064	OTH-TRU
595354	4173123	3.26559	OTH-TRU
595374	4173123	3.28344	OTH-TRU
595394	4173123	3.27924	OTH-TRU
595414	4173123	3.25893	OTH-TRU
595434	4173123	3.22446	OTH-TRU
595454	4173123	3.18071	OTH-TRU
595474	4173123	3.1276	OTH-TRU
595494	4173123	3.06193	OTH-TRU
595514	4173123	2.98035	OTH-TRU
595354	4173143	2.9638	OTH-TRU
595374	4173143	2.9896	OTH-TRU
595394	4173143	2.99805	OTH-TRU
595414	4173143	2.99821	OTH-TRU
595434	4173143	2.97528	OTH-TRU
595494	4173143	2.84175	OTH-TRU
595354	4173163	2.70859	OTH-TRU
595374	4173163	2.73759	OTH-TRU
595394	4173163	2.75128	OTH-TRU
595414	4173163	2.75667	OTH-TRU
595434	4173163	2.74344	OTH-TRU
595374	4173183	2.51754	OTH-TRU
595394	4173183	2.53496	OTH-TRU
595414	4173183	2.54119	OTH-TRU
595434	4173183	2.53639	OTH-TRU
595203.12	4172931.43	9.69328	OTH-TRU
595305.29	4173022.49	5.87232	OTH-TRU
596059.85	4172738.92	2.17818	OTH-TRU
595782.4	4171913.24	5.1446	OTH-TRU
595790.49	4171877.76	4.05108	OTH-TRU
595826.59	4171700.37	1.4873	OTH-TRU
595857.85	4171568.4	0.8971	OTH-TRU
595427.66	4172811.08	14.45907	OTH-TRU
595616.96	4172890.78	4.51607	OTH-TRU
595465.61	4172972.42	5.73618	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595413.93	4172953.11	7.5935	OTH-TRU
595207.62	4172857.58	57.67253	OTH-TRU
595229.35	4172793.73	51.67349	OTH-TRU
595251.41	4172717.21	62.55352	OTH-TRU
595276.16	4172654.64	46.87104	OTH-TRU
595286.24	4171790.65	1.73988	OTH-TRU
595306.24	4171790.65	1.7298	OTH-TRU
595326.24	4171790.65	1.71416	OTH-TRU
595266.24	4171810.65	1.92515	OTH-TRU
595286.24	4171810.65	1.92734	OTH-TRU
595306.24	4171810.65	1.92767	OTH-TRU
595326.24	4171810.65	1.91619	OTH-TRU
595246.24	4171830.65	2.10844	OTH-TRU
595266.24	4171830.65	2.12929	OTH-TRU
595286.24	4171830.65	2.14466	OTH-TRU
595306.24	4171830.65	2.15473	OTH-TRU
595326.24	4171830.65	2.15379	OTH-TRU
595226.24	4171850.65	2.27155	OTH-TRU
595246.24	4171850.65	2.32107	OTH-TRU
595266.24	4171850.65	2.36134	OTH-TRU
595286.24	4171850.65	2.39399	OTH-TRU
595306.24	4171850.65	2.41824	OTH-TRU
595326.24	4171850.65	2.43215	OTH-TRU
595206.24	4171870.65	2.39877	OTH-TRU
595226.24	4171870.65	2.47372	OTH-TRU
595246.24	4171870.65	2.54495	OTH-TRU
595266.24	4171870.65	2.60978	OTH-TRU
595286.24	4171870.65	2.6688	OTH-TRU
595306.24	4171870.65	2.71841	OTH-TRU
595186.24	4171890.65	2.47263	OTH-TRU
595206.24	4171890.65	2.57064	OTH-TRU
595226.24	4171890.65	2.67085	OTH-TRU
595246.24	4171890.65	2.7725	OTH-TRU
595266.24	4171890.65	2.87158	OTH-TRU
595286.24	4171890.65	2.96671	OTH-TRU
595306.24	4171890.65	3.05333	OTH-TRU
595186.24	4171910.65	2.61173	OTH-TRU
595206.24	4171910.65	2.73068	OTH-TRU
595226.24	4171910.65	2.85886	OTH-TRU
595246.24	4171910.65	2.9946	OTH-TRU
595266.24	4171910.65	3.13458	OTH-TRU
595286.24	4171910.65	3.27358	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595306.24	4171910.65	3.41223	OTH-TRU
595166.24	4171930.65	2.61699	OTH-TRU
595186.24	4171930.65	2.7418	OTH-TRU
595206.24	4171930.65	2.88135	OTH-TRU
595226.24	4171930.65	3.03283	OTH-TRU
595246.24	4171930.65	3.20281	OTH-TRU
595266.24	4171930.65	3.38287	OTH-TRU
595286.24	4171930.65	3.57466	OTH-TRU
595166.24	4171950.65	2.72728	OTH-TRU
595186.24	4171950.65	2.86278	OTH-TRU
595206.24	4171950.65	3.01697	OTH-TRU
595226.24	4171950.65	3.18825	OTH-TRU
595246.24	4171950.65	3.38761	OTH-TRU
595266.24	4171950.65	3.60749	OTH-TRU
595286.24	4171950.65	3.85283	OTH-TRU
595146.24	4171970.65	2.69374	OTH-TRU
595166.24	4171970.65	2.82112	OTH-TRU
595186.24	4171970.65	2.96819	OTH-TRU
595206.24	4171970.65	3.13513	OTH-TRU
595226.24	4171970.65	3.32506	OTH-TRU
595246.24	4171970.65	3.54981	OTH-TRU
595266.24	4171970.65	3.8022	OTH-TRU
595146.24	4171990.65	2.76445	OTH-TRU
595166.24	4171990.65	2.89749	OTH-TRU
595186.24	4171990.65	3.051	OTH-TRU
595206.24	4171990.65	3.22654	OTH-TRU
595852.66	4171825.33	2.9427	OTH-TRU
595852.66	4171845.33	3.25553	OTH-TRU
595852.66	4171865.33	3.58919	OTH-TRU
595872.66	4171865.33	3.49914	OTH-TRU
595892.66	4171865.33	3.39923	OTH-TRU
595832.66	4171885.33	4.06336	OTH-TRU
595852.66	4171885.33	3.93678	OTH-TRU
595872.66	4171885.33	3.80052	OTH-TRU
595892.66	4171885.33	3.66049	OTH-TRU
595832.66	4171905.33	4.47645	OTH-TRU
595852.66	4171905.33	4.28796	OTH-TRU
595872.66	4171905.33	4.09927	OTH-TRU
595892.66	4171905.33	3.91612	OTH-TRU
595912.66	4171905.33	3.74113	OTH-TRU
595832.66	4171925.33	4.89152	OTH-TRU
595852.66	4171925.33	4.63432	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595872.66	4171925.33	4.39038	OTH-TRU
595892.66	4171925.33	4.16137	OTH-TRU
595912.66	4171925.33	3.94905	OTH-TRU
595852.66	4171945.33	4.96143	OTH-TRU
595872.66	4171945.33	4.66246	OTH-TRU
595892.66	4171945.33	4.39128	OTH-TRU
595912.66	4171945.33	4.14436	OTH-TRU
595932.66	4171945.33	3.92008	OTH-TRU
595102.43	4172101.44	2.65244	OTH-TRU
595122.43	4172101.44	2.72354	OTH-TRU
595142.43	4172101.44	2.79931	OTH-TRU
595102.43	4172121.44	2.71822	OTH-TRU
595122.43	4172121.44	2.78526	OTH-TRU
595142.43	4172121.44	2.85647	OTH-TRU
595082.43	4172141.44	2.74652	OTH-TRU
595102.43	4172141.44	2.81905	OTH-TRU
595122.43	4172141.44	2.89175	OTH-TRU
595142.43	4172141.44	2.9642	OTH-TRU
595082.43	4172161.44	2.86772	OTH-TRU
595102.43	4172161.44	2.95758	OTH-TRU
595122.43	4172161.44	3.04108	OTH-TRU
595142.43	4172161.44	3.12411	OTH-TRU
595082.43	4172181.44	3.00457	OTH-TRU
595102.43	4172181.44	3.11552	OTH-TRU
595122.43	4172181.44	3.22446	OTH-TRU
595142.43	4172181.44	3.32993	OTH-TRU
595062.43	4172201.44	3.01175	OTH-TRU
595082.43	4172201.44	3.14562	OTH-TRU
595102.43	4172201.44	3.2863	OTH-TRU
595122.43	4172201.44	3.4274	OTH-TRU
595142.43	4172201.44	3.56893	OTH-TRU
595162.43	4172201.44	3.70577	OTH-TRU
595062.43	4172221.44	3.12585	OTH-TRU
595082.43	4172221.44	3.2833	OTH-TRU
595102.43	4172221.44	3.45532	OTH-TRU
595122.43	4172221.44	3.63305	OTH-TRU
595142.43	4172221.44	3.81951	OTH-TRU
595162.43	4172221.44	4.00796	OTH-TRU
595062.43	4172241.44	3.23713	OTH-TRU
595082.43	4172241.44	3.41548	OTH-TRU
595102.43	4172241.44	3.61229	OTH-TRU
595122.43	4172241.44	3.82887	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595142.43	4172241.44	4.06893	OTH-TRU
595162.43	4172241.44	4.32539	OTH-TRU
595062.43	4172261.44	3.34511	OTH-TRU
595082.43	4172261.44	3.54167	OTH-TRU
595102.43	4172261.44	3.75348	OTH-TRU
595122.43	4172261.44	4.00341	OTH-TRU
595142.43	4172261.44	4.29339	OTH-TRU
595042.43	4172281.44	3.25706	OTH-TRU
595062.43	4172281.44	3.43773	OTH-TRU
595082.43	4172281.44	3.6467	OTH-TRU
595102.43	4172281.44	3.87223	OTH-TRU
595122.43	4172281.44	4.16076	OTH-TRU
595142.43	4172281.44	4.48167	OTH-TRU
595162.43	4172281.44	4.84898	OTH-TRU
595042.43	4172301.44	3.31457	OTH-TRU
595062.43	4172301.44	3.50213	OTH-TRU
595082.43	4172301.44	3.71464	OTH-TRU
595102.43	4172301.44	3.95913	OTH-TRU
595122.43	4172301.44	4.26052	OTH-TRU
595142.43	4172301.44	4.61207	OTH-TRU
595162.43	4172301.44	5.02648	OTH-TRU
595042.43	4172321.44	3.33538	OTH-TRU
595062.43	4172321.44	3.5215	OTH-TRU
595082.43	4172321.44	3.71863	OTH-TRU
595102.43	4172321.44	3.97866	OTH-TRU
595122.43	4172321.44	4.28359	OTH-TRU
595142.43	4172321.44	4.65503	OTH-TRU
595162.43	4172321.44	5.09233	OTH-TRU
595022.43	4172341.44	3.16276	OTH-TRU
595042.43	4172341.44	3.31158	OTH-TRU
595062.43	4172341.44	3.48406	OTH-TRU
595082.43	4172341.44	3.68405	OTH-TRU
595102.43	4172341.44	3.9208	OTH-TRU
595122.43	4172341.44	4.20575	OTH-TRU
595142.43	4172341.44	4.56695	OTH-TRU
595162.43	4172341.44	4.99915	OTH-TRU
595509.2	4172311.1	19.68025	OTH-TRU
595453.66	4172369.33	127.1712	OTH-TRU
595568.33	4173021.18	3.65505	OTH-TRU
595515	4172097	23.55593	OTH-TRU
595271.59	4172931.11	15.45669	OTH-TRU
595259.54	4172956.67	10.40886	OTH-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595229.53	4172979.48	6.81385	OTH-TRU
595158.78	4172948.61	5.46044	OTH-TRU
595424.36	4172061.47	9.97229	OTH-TRU
595637.78	4172033.56	32.42733	OTH-TRU
595497.98	4172569.45	11.67317	OTH-TRU
595440.32	4172695.89	16.60519	OTH-TRU
595531.7	4172736.24	9.22071	OTH-TRU
595503.43	4172797.49	9.26066	OTH-TRU
595293.61	4172706.67	179.11961	OTH-TRU
595216.89	4172907.31	16.29284	OTH-TRU
595554	4171743	2.29309	HOTL-EXH
595574	4171743	2.3098	HOTL-EXH
595594	4171743	2.30316	HOTL-EXH
595614	4171743	2.34118	HOTL-EXH
595634	4171743	2.37551	HOTL-EXH
595654	4171743	2.40858	HOTL-EXH
595674	4171743	2.46472	HOTL-EXH
595694	4171743	2.55438	HOTL-EXH
595714	4171743	2.61632	HOTL-EXH
595534	4171763	2.57024	HOTL-EXH
595554	4171763	2.53856	HOTL-EXH
595574	4171763	2.54807	HOTL-EXH
595594	4171763	2.54942	HOTL-EXH
595614	4171763	2.59763	HOTL-EXH
595634	4171763	2.63979	HOTL-EXH
595654	4171763	2.67477	HOTL-EXH
595674	4171763	2.74198	HOTL-EXH
595694	4171763	2.82851	HOTL-EXH
595714	4171763	2.92104	HOTL-EXH
595734	4171763	3.04561	HOTL-EXH
595754	4171763	3.16116	HOTL-EXH
595774	4171763	3.28849	HOTL-EXH
595314	4171783	3.22451	HOTL-EXH
595334	4171783	3.20601	HOTL-EXH
595534	4171783	2.8512	HOTL-EXH
595554	4171783	2.83468	HOTL-EXH
595574	4171783	2.83562	HOTL-EXH
595594	4171783	2.84127	HOTL-EXH
595614	4171783	2.87106	HOTL-EXH
595634	4171783	2.94531	HOTL-EXH
595654	4171783	2.99532	HOTL-EXH
595674	4171783	3.07795	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4171783	3.16128	HOTL-EXH
595714	4171783	3.29743	HOTL-EXH
595734	4171783	3.42245	HOTL-EXH
595754	4171783	3.55428	HOTL-EXH
595774	4171783	3.70998	HOTL-EXH
595794	4171783	3.87386	HOTL-EXH
595274	4171803	3.58296	HOTL-EXH
595294	4171803	3.58021	HOTL-EXH
595314	4171803	3.57364	HOTL-EXH
595334	4171803	3.55933	HOTL-EXH
595534	4171803	3.20381	HOTL-EXH
595554	4171803	3.18162	HOTL-EXH
595574	4171803	3.19797	HOTL-EXH
595594	4171803	3.21293	HOTL-EXH
595614	4171803	3.25085	HOTL-EXH
595634	4171803	3.31189	HOTL-EXH
595654	4171803	3.37064	HOTL-EXH
595674	4171803	3.45897	HOTL-EXH
595694	4171803	3.56675	HOTL-EXH
595714	4171803	3.71906	HOTL-EXH
595734	4171803	3.8714	HOTL-EXH
595754	4171803	4.02188	HOTL-EXH
595774	4171803	4.21434	HOTL-EXH
595794	4171803	4.40688	HOTL-EXH
595814	4171803	4.60239	HOTL-EXH
595254	4171823	3.92885	HOTL-EXH
595274	4171823	3.94589	HOTL-EXH
595294	4171823	3.95779	HOTL-EXH
595314	4171823	3.96656	HOTL-EXH
595334	4171823	3.96487	HOTL-EXH
595514	4171823	3.69955	HOTL-EXH
595534	4171823	3.63586	HOTL-EXH
595554	4171823	3.61728	HOTL-EXH
595574	4171823	3.58205	HOTL-EXH
595594	4171823	3.60207	HOTL-EXH
595614	4171823	3.67747	HOTL-EXH
595634	4171823	3.74205	HOTL-EXH
595654	4171823	3.83589	HOTL-EXH
595674	4171823	3.95926	HOTL-EXH
595694	4171823	4.05813	HOTL-EXH
595714	4171823	4.23928	HOTL-EXH
595734	4171823	4.4173	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4171823	4.60862	HOTL-EXH
595774	4171823	4.82692	HOTL-EXH
595794	4171823	5.05293	HOTL-EXH
595814	4171823	5.2771	HOTL-EXH
595834	4171823	5.48551	HOTL-EXH
595854	4171823	5.65453	HOTL-EXH
595234	4171843	4.28062	HOTL-EXH
595254	4171843	4.32213	HOTL-EXH
595274	4171843	4.35887	HOTL-EXH
595294	4171843	4.38766	HOTL-EXH
595314	4171843	4.40755	HOTL-EXH
595334	4171843	4.42429	HOTL-EXH
595514	4171843	4.22565	HOTL-EXH
595534	4171843	4.16868	HOTL-EXH
595554	4171843	4.14059	HOTL-EXH
595574	4171843	4.17075	HOTL-EXH
595594	4171843	4.12821	HOTL-EXH
595614	4171843	4.21842	HOTL-EXH
595634	4171843	4.28964	HOTL-EXH
595654	4171843	4.39726	HOTL-EXH
595674	4171843	4.50968	HOTL-EXH
595694	4171843	4.6723	HOTL-EXH
595714	4171843	4.88218	HOTL-EXH
595734	4171843	5.08226	HOTL-EXH
595754	4171843	5.32366	HOTL-EXH
595774	4171843	5.58097	HOTL-EXH
595794	4171843	5.84955	HOTL-EXH
595814	4171843	6.10082	HOTL-EXH
595854	4171843	6.47311	HOTL-EXH
595874	4171843	6.56909	HOTL-EXH
595214	4171863	4.61104	HOTL-EXH
595234	4171863	4.68609	HOTL-EXH
595254	4171863	4.75436	HOTL-EXH
595274	4171863	4.81011	HOTL-EXH
595294	4171863	4.86362	HOTL-EXH
595314	4171863	4.904	HOTL-EXH
595334	4171863	4.94208	HOTL-EXH
595514	4171863	4.87272	HOTL-EXH
595534	4171863	4.8336	HOTL-EXH
595554	4171863	4.8077	HOTL-EXH
595574	4171863	4.79157	HOTL-EXH
595594	4171863	4.79747	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4171863	4.83459	HOTL-EXH
595634	4171863	4.95468	HOTL-EXH
595654	4171863	5.09722	HOTL-EXH
595674	4171863	5.20384	HOTL-EXH
595694	4171863	5.44529	HOTL-EXH
595714	4171863	5.65843	HOTL-EXH
595734	4171863	5.90605	HOTL-EXH
595754	4171863	6.21131	HOTL-EXH
595774	4171863	6.54	HOTL-EXH
595794	4171863	6.86402	HOTL-EXH
595814	4171863	7.13422	HOTL-EXH
595834	4171863	7.32539	HOTL-EXH
595854	4171863	7.43781	HOTL-EXH
595874	4171863	7.46814	HOTL-EXH
595894	4171863	7.41856	HOTL-EXH
595194	4171883	4.93501	HOTL-EXH
595214	4171883	5.04184	HOTL-EXH
595234	4171883	5.13913	HOTL-EXH
595254	4171883	5.22732	HOTL-EXH
595274	4171883	5.30931	HOTL-EXH
595294	4171883	5.38841	HOTL-EXH
595314	4171883	5.4568	HOTL-EXH
595514	4171883	5.70419	HOTL-EXH
595534	4171883	5.69167	HOTL-EXH
595554	4171883	5.66636	HOTL-EXH
595574	4171883	5.64232	HOTL-EXH
595594	4171883	5.65073	HOTL-EXH
595614	4171883	5.68408	HOTL-EXH
595634	4171883	5.76733	HOTL-EXH
595654	4171883	5.94373	HOTL-EXH
595674	4171883	6.09295	HOTL-EXH
595694	4171883	6.38042	HOTL-EXH
595714	4171883	6.65225	HOTL-EXH
595734	4171883	6.96678	HOTL-EXH
595754	4171883	7.34079	HOTL-EXH
595774	4171883	7.74497	HOTL-EXH
595794	4171883	8.09319	HOTL-EXH
595814	4171883	8.38861	HOTL-EXH
595834	4171883	8.53891	HOTL-EXH
595854	4171883	8.57589	HOTL-EXH
595874	4171883	8.50808	HOTL-EXH
595894	4171883	8.34812	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595174	4171903	5.21849	HOTL-EXH
595194	4171903	5.36255	HOTL-EXH
595214	4171903	5.49512	HOTL-EXH
595234	4171903	5.62838	HOTL-EXH
595254	4171903	5.75298	HOTL-EXH
595274	4171903	5.86768	HOTL-EXH
595294	4171903	5.97654	HOTL-EXH
595314	4171903	6.08243	HOTL-EXH
595514	4171903	6.7155	HOTL-EXH
595534	4171903	6.73181	HOTL-EXH
595554	4171903	6.75916	HOTL-EXH
595574	4171903	6.7949	HOTL-EXH
595594	4171903	6.81009	HOTL-EXH
595614	4171903	6.84217	HOTL-EXH
595634	4171903	6.88506	HOTL-EXH
595654	4171903	7.04603	HOTL-EXH
595674	4171903	7.2458	HOTL-EXH
595694	4171903	7.52518	HOTL-EXH
595714	4171903	7.8887	HOTL-EXH
595734	4171903	8.33699	HOTL-EXH
595754	4171903	8.85286	HOTL-EXH
595774	4171903	9.33572	HOTL-EXH
595794	4171903	9.71595	HOTL-EXH
595814	4171903	9.94046	HOTL-EXH
595834	4171903	9.98794	HOTL-EXH
595854	4171903	9.89403	HOTL-EXH
595874	4171903	9.66925	HOTL-EXH
595894	4171903	9.3513	HOTL-EXH
595914	4171903	8.97163	HOTL-EXH
595174	4171923	5.62918	HOTL-EXH
595194	4171923	5.81265	HOTL-EXH
595214	4171923	5.9942	HOTL-EXH
595234	4171923	6.16422	HOTL-EXH
595254	4171923	6.32989	HOTL-EXH
595274	4171923	6.49056	HOTL-EXH
595294	4171923	6.63375	HOTL-EXH
595534	4171923	8.09929	HOTL-EXH
595554	4171923	8.19625	HOTL-EXH
595574	4171923	8.28172	HOTL-EXH
595594	4171923	8.34596	HOTL-EXH
595614	4171923	8.39747	HOTL-EXH
595634	4171923	8.45029	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4171923	8.5497	HOTL-EXH
595674	4171923	8.76329	HOTL-EXH
595694	4171923	9.05739	HOTL-EXH
595714	4171923	9.58793	HOTL-EXH
595734	4171923	10.18122	HOTL-EXH
595754	4171923	10.85281	HOTL-EXH
595774	4171923	11.42305	HOTL-EXH
595794	4171923	11.76615	HOTL-EXH
595814	4171923	11.84758	HOTL-EXH
595834	4171923	11.69046	HOTL-EXH
595854	4171923	11.3731	HOTL-EXH
595874	4171923	10.92589	HOTL-EXH
595894	4171923	10.40488	HOTL-EXH
595914	4171923	9.84717	HOTL-EXH
595154	4171943	5.82939	HOTL-EXH
595174	4171943	6.05997	HOTL-EXH
595194	4171943	6.29317	HOTL-EXH
595214	4171943	6.51614	HOTL-EXH
595234	4171943	6.73865	HOTL-EXH
595254	4171943	6.96237	HOTL-EXH
595274	4171943	7.17091	HOTL-EXH
595294	4171943	7.37323	HOTL-EXH
595534	4171943	9.84465	HOTL-EXH
595554	4171943	10.08108	HOTL-EXH
595574	4171943	10.31228	HOTL-EXH
595594	4171943	10.47942	HOTL-EXH
595614	4171943	10.57459	HOTL-EXH
595634	4171943	10.60914	HOTL-EXH
595654	4171943	10.65106	HOTL-EXH
595674	4171943	10.83213	HOTL-EXH
595694	4171943	11.18462	HOTL-EXH
595714	4171943	11.82635	HOTL-EXH
595734	4171943	12.68051	HOTL-EXH
595754	4171943	13.64487	HOTL-EXH
595774	4171943	14.26912	HOTL-EXH
595794	4171943	14.32123	HOTL-EXH
595814	4171943	14.12375	HOTL-EXH
595834	4171943	13.64831	HOTL-EXH
595854	4171943	12.9969	HOTL-EXH
595874	4171943	12.2515	HOTL-EXH
595894	4171943	11.47729	HOTL-EXH
595914	4171943	10.71033	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595934	4171943	9.97288	HOTL-EXH
595154	4171963	6.21048	HOTL-EXH
595174	4171963	6.49703	HOTL-EXH
595194	4171963	6.78237	HOTL-EXH
595214	4171963	7.07104	HOTL-EXH
595234	4171963	7.34893	HOTL-EXH
595254	4171963	7.64877	HOTL-EXH
595274	4171963	7.9249	HOTL-EXH
595554	4171963	12.52409	HOTL-EXH
595574	4171963	13.04239	HOTL-EXH
595594	4171963	13.50124	HOTL-EXH
595614	4171963	13.79111	HOTL-EXH
595634	4171963	13.8834	HOTL-EXH
595654	4171963	13.77909	HOTL-EXH
595674	4171963	13.79748	HOTL-EXH
595694	4171963	14.2484	HOTL-EXH
595714	4171963	15.25473	HOTL-EXH
595734	4171963	16.64215	HOTL-EXH
595754	4171963	17.70937	HOTL-EXH
595774	4171963	17.99129	HOTL-EXH
595794	4171963	17.63546	HOTL-EXH
595814	4171963	16.83909	HOTL-EXH
595834	4171963	15.81998	HOTL-EXH
595854	4171963	14.69813	HOTL-EXH
595874	4171963	13.49826	HOTL-EXH
595894	4171963	12.47637	HOTL-EXH
595914	4171963	11.50335	HOTL-EXH
595934	4171963	10.60044	HOTL-EXH
595154	4171983	6.58775	HOTL-EXH
595174	4171983	6.92805	HOTL-EXH
595194	4171983	7.28504	HOTL-EXH
595214	4171983	7.64575	HOTL-EXH
595234	4171983	8.01166	HOTL-EXH
595254	4171983	8.35468	HOTL-EXH
595574	4171983	16.5984	HOTL-EXH
595754	4172023	42.98846	HOTL-EXH
595774	4172023	35.73199	HOTL-EXH
595794	4172023	30.08295	HOTL-EXH
595814	4172023	25.60855	HOTL-EXH
595834	4172023	22.05278	HOTL-EXH
595714	4172043	101.39635	HOTL-EXH
595734	4172043	69.89027	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172043	52.17036	HOTL-EXH
595774	4172043	40.97382	HOTL-EXH
595794	4172043	33.17452	HOTL-EXH
595814	4172043	27.46778	HOTL-EXH
595834	4172043	23.15994	HOTL-EXH
595854	4172043	19.8347	HOTL-EXH
595874	4172043	17.20502	HOTL-EXH
595894	4172043	15.08688	HOTL-EXH
595914	4172043	13.35137	HOTL-EXH
595934	4172043	11.93588	HOTL-EXH
595714	4172063	122.84008	HOTL-EXH
595734	4172063	81.56492	HOTL-EXH
595754	4172063	58.28265	HOTL-EXH
595774	4172063	44.19272	HOTL-EXH
595794	4172063	34.89426	HOTL-EXH
595814	4172063	28.39918	HOTL-EXH
595834	4172063	23.65613	HOTL-EXH
595854	4172063	20.08082	HOTL-EXH
595874	4172063	17.30389	HOTL-EXH
595894	4172063	15.09792	HOTL-EXH
595914	4172063	13.30998	HOTL-EXH
595934	4172063	11.84065	HOTL-EXH
595714	4172083	132.71499	HOTL-EXH
595734	4172083	86.20831	HOTL-EXH
595754	4172083	60.25478	HOTL-EXH
595774	4172083	44.89821	HOTL-EXH
595794	4172083	35.02699	HOTL-EXH
595814	4172083	28.27976	HOTL-EXH
595834	4172083	23.43675	HOTL-EXH
595854	4172083	19.82052	HOTL-EXH
595874	4172083	17.03719	HOTL-EXH
595894	4172083	14.83806	HOTL-EXH
595914	4172083	13.06746	HOTL-EXH
595934	4172083	11.61511	HOTL-EXH
595114	4172103	6.45002	HOTL-EXH
595134	4172103	7.05536	HOTL-EXH
595714	4172103	127.33205	HOTL-EXH
595734	4172103	82.27214	HOTL-EXH
595754	4172103	57.79532	HOTL-EXH
595774	4172103	43.19119	HOTL-EXH
595794	4172103	33.7498	HOTL-EXH
595814	4172103	27.27084	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172103	22.61534	HOTL-EXH
595854	4172103	19.13959	HOTL-EXH
595874	4172103	16.46377	HOTL-EXH
595894	4172103	14.35089	HOTL-EXH
595914	4172103	12.64967	HOTL-EXH
595934	4172103	11.25526	HOTL-EXH
595094	4172123	5.63599	HOTL-EXH
595114	4172123	6.15821	HOTL-EXH
595134	4172123	6.76509	HOTL-EXH
595694	4172123	171.24617	HOTL-EXH
595714	4172123	105.09801	HOTL-EXH
595734	4172123	71.20895	HOTL-EXH
595754	4172123	51.82065	HOTL-EXH
595774	4172123	39.6016	HOTL-EXH
595794	4172123	31.38764	HOTL-EXH
595814	4172123	25.59703	HOTL-EXH
595834	4172123	21.35858	HOTL-EXH
595854	4172123	18.15655	HOTL-EXH
595874	4172123	15.67119	HOTL-EXH
595894	4172123	13.70037	HOTL-EXH
595914	4172123	12.10557	HOTL-EXH
595934	4172123	10.79406	HOTL-EXH
595094	4172143	5.24522	HOTL-EXH
595114	4172143	5.74278	HOTL-EXH
595134	4172143	6.32509	HOTL-EXH
595694	4172143	108.69167	HOTL-EXH
595714	4172143	77.97068	HOTL-EXH
595734	4172143	57.78787	HOTL-EXH
595754	4172143	44.33377	HOTL-EXH
595774	4172143	35.04777	HOTL-EXH
595794	4172143	28.41195	HOTL-EXH
595814	4172143	23.52891	HOTL-EXH
595834	4172143	19.84225	HOTL-EXH
595854	4172143	16.99518	HOTL-EXH
595874	4172143	14.75095	HOTL-EXH
595894	4172143	12.9525	HOTL-EXH
595914	4172143	11.48502	HOTL-EXH
595934	4172143	10.27094	HOTL-EXH
595094	4172163	4.76789	HOTL-EXH
595114	4172163	5.22306	HOTL-EXH
595134	4172163	5.75385	HOTL-EXH
595154	4172163	6.39548	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172163	119.70109	HOTL-EXH
595634	4172163	112.60065	HOTL-EXH
595654	4172163	101.46892	HOTL-EXH
595674	4172163	87.29999	HOTL-EXH
595694	4172163	71.50902	HOTL-EXH
595714	4172163	57.37128	HOTL-EXH
595734	4172163	45.93356	HOTL-EXH
595754	4172163	37.11447	HOTL-EXH
595774	4172163	30.41108	HOTL-EXH
595794	4172163	25.2875	HOTL-EXH
595814	4172163	21.32722	HOTL-EXH
595834	4172163	18.22485	HOTL-EXH
595854	4172163	15.76023	HOTL-EXH
595874	4172163	13.77956	HOTL-EXH
595894	4172163	12.166	HOTL-EXH
595914	4172163	10.83399	HOTL-EXH
595074	4172183	3.89171	HOTL-EXH
595094	4172183	4.23215	HOTL-EXH
595114	4172183	4.62653	HOTL-EXH
595134	4172183	5.08773	HOTL-EXH
595154	4172183	5.6319	HOTL-EXH
595614	4172183	70.73774	HOTL-EXH
595634	4172183	67.01464	HOTL-EXH
595654	4172183	63.44304	HOTL-EXH
595674	4172183	57.68609	HOTL-EXH
595694	4172183	50.75228	HOTL-EXH
595714	4172183	43.5169	HOTL-EXH
595734	4172183	36.79068	HOTL-EXH
595754	4172183	31.00807	HOTL-EXH
595774	4172183	26.23014	HOTL-EXH
595794	4172183	22.34278	HOTL-EXH
595814	4172183	19.1919	HOTL-EXH
595834	4172183	16.62981	HOTL-EXH
595854	4172183	14.53529	HOTL-EXH
595874	4172183	12.8146	HOTL-EXH
595894	4172183	11.38414	HOTL-EXH
595914	4172183	10.1872	HOTL-EXH
595074	4172203	3.41295	HOTL-EXH
595094	4172203	3.69455	HOTL-EXH
595114	4172203	4.01707	HOTL-EXH
595134	4172203	4.39398	HOTL-EXH
595154	4172203	4.83566	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172203	49.75469	HOTL-EXH
595614	4172203	49.21121	HOTL-EXH
595634	4172203	47.11996	HOTL-EXH
595654	4172203	44.95351	HOTL-EXH
595674	4172203	41.9925	HOTL-EXH
595694	4172203	38.30277	HOTL-EXH
595714	4172203	34.17225	HOTL-EXH
595734	4172203	29.99752	HOTL-EXH
595754	4172203	26.11571	HOTL-EXH
595774	4172203	22.68103	HOTL-EXH
595794	4172203	19.73142	HOTL-EXH
595814	4172203	17.23609	HOTL-EXH
595834	4172203	15.13609	HOTL-EXH
595854	4172203	13.37258	HOTL-EXH
595874	4172203	11.891	HOTL-EXH
595894	4172203	10.63436	HOTL-EXH
595914	4172203	9.56648	HOTL-EXH
595074	4172223	2.97468	HOTL-EXH
595094	4172223	3.2052	HOTL-EXH
595114	4172223	3.45796	HOTL-EXH
595134	4172223	3.75499	HOTL-EXH
595154	4172223	4.09496	HOTL-EXH
595594	4172223	37.02209	HOTL-EXH
595614	4172223	36.04903	HOTL-EXH
595634	4172223	35.49332	HOTL-EXH
595654	4172223	34.10231	HOTL-EXH
595674	4172223	32.35334	HOTL-EXH
595694	4172223	30.16181	HOTL-EXH
595714	4172223	27.61646	HOTL-EXH
595734	4172223	24.90222	HOTL-EXH
595754	4172223	22.23	HOTL-EXH
595774	4172223	19.7288	HOTL-EXH
595794	4172223	17.47832	HOTL-EXH
595814	4172223	15.50089	HOTL-EXH
595834	4172223	13.78328	HOTL-EXH
595854	4172223	12.3033	HOTL-EXH
595874	4172223	11.03045	HOTL-EXH
595894	4172223	9.93191	HOTL-EXH
595054	4172243	2.44544	HOTL-EXH
595074	4172243	2.60727	HOTL-EXH
595094	4172243	2.7921	HOTL-EXH
595114	4172243	2.99232	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595134	4172243	3.22593	HOTL-EXH
595154	4172243	3.49859	HOTL-EXH
595594	4172243	29.19928	HOTL-EXH
595614	4172243	28.11971	HOTL-EXH
595634	4172243	27.93606	HOTL-EXH
595654	4172243	27.02291	HOTL-EXH
595674	4172243	25.89806	HOTL-EXH
595694	4172243	24.49083	HOTL-EXH
595714	4172243	22.83029	HOTL-EXH
595734	4172243	20.99804	HOTL-EXH
595754	4172243	19.11657	HOTL-EXH
595774	4172243	17.27299	HOTL-EXH
595794	4172243	15.5459	HOTL-EXH
595814	4172243	13.97481	HOTL-EXH
595834	4172243	12.57055	HOTL-EXH
595854	4172243	11.33126	HOTL-EXH
595874	4172243	10.24023	HOTL-EXH
595894	4172243	9.28221	HOTL-EXH
595054	4172263	2.18021	HOTL-EXH
595074	4172263	2.31641	HOTL-EXH
595094	4172263	2.46712	HOTL-EXH
595114	4172263	2.62792	HOTL-EXH
595134	4172263	2.82727	HOTL-EXH
595154	4172263	3.04432	HOTL-EXH
595594	4172263	23.70017	HOTL-EXH
595614	4172263	23.01084	HOTL-EXH
595634	4172263	22.70145	HOTL-EXH
595654	4172263	22.07555	HOTL-EXH
595674	4172263	21.30854	HOTL-EXH
595694	4172263	20.35685	HOTL-EXH
595714	4172263	19.22167	HOTL-EXH
595734	4172263	17.94584	HOTL-EXH
595754	4172263	16.59057	HOTL-EXH
595774	4172263	15.21628	HOTL-EXH
595794	4172263	13.88483	HOTL-EXH
595814	4172263	12.63554	HOTL-EXH
595834	4172263	11.4876	HOTL-EXH
595854	4172263	10.45082	HOTL-EXH
595874	4172263	9.5178	HOTL-EXH
595894	4172263	8.68425	HOTL-EXH
595054	4172283	1.97055	HOTL-EXH
595074	4172283	2.08875	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595094	4172283	2.21416	HOTL-EXH
595114	4172283	2.35836	HOTL-EXH
595134	4172283	2.52796	HOTL-EXH
595154	4172283	2.71305	HOTL-EXH
595174	4172283	2.93154	HOTL-EXH
595574	4172283	19.67587	HOTL-EXH
595594	4172283	19.52718	HOTL-EXH
595614	4172283	19.2701	HOTL-EXH
595634	4172283	18.88699	HOTL-EXH
595654	4172283	18.44666	HOTL-EXH
595674	4172283	17.90497	HOTL-EXH
595694	4172283	17.23312	HOTL-EXH
595714	4172283	16.4295	HOTL-EXH
595734	4172283	15.51432	HOTL-EXH
595754	4172283	14.51976	HOTL-EXH
595774	4172283	13.48348	HOTL-EXH
595794	4172283	12.45171	HOTL-EXH
595814	4172283	11.45526	HOTL-EXH
595834	4172283	10.51753	HOTL-EXH
595854	4172283	9.65213	HOTL-EXH
595874	4172283	8.85664	HOTL-EXH
595894	4172283	8.1334	HOTL-EXH
595034	4172303	1.71271	HOTL-EXH
595054	4172303	1.80804	HOTL-EXH
595074	4172303	1.91338	HOTL-EXH
595094	4172303	2.02267	HOTL-EXH
595114	4172303	2.15983	HOTL-EXH
595134	4172303	2.30713	HOTL-EXH
595154	4172303	2.47717	HOTL-EXH
595174	4172303	2.67604	HOTL-EXH
595574	4172303	16.44689	HOTL-EXH
595594	4172303	16.28308	HOTL-EXH
595614	4172303	16.25852	HOTL-EXH
595634	4172303	15.99888	HOTL-EXH
595654	4172303	15.68738	HOTL-EXH
595674	4172303	15.29568	HOTL-EXH
595694	4172303	14.80809	HOTL-EXH
595714	4172303	14.22283	HOTL-EXH
595734	4172303	13.54997	HOTL-EXH
595754	4172303	12.8058	HOTL-EXH
595774	4172303	12.01508	HOTL-EXH
595794	4172303	11.20966	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595814	4172303	10.41179	HOTL-EXH
595834	4172303	9.64654	HOTL-EXH
595854	4172303	8.92543	HOTL-EXH
595874	4172303	8.24924	HOTL-EXH
595034	4172323	1.593	HOTL-EXH
595054	4172323	1.68131	HOTL-EXH
595074	4172323	1.77659	HOTL-EXH
595094	4172323	1.87956	HOTL-EXH
595114	4172323	2.0029	HOTL-EXH
595134	4172323	2.14432	HOTL-EXH
595154	4172323	2.30433	HOTL-EXH
595174	4172323	2.4906	HOTL-EXH
595574	4172323	13.98447	HOTL-EXH
595594	4172323	13.83042	HOTL-EXH
595614	4172323	13.89928	HOTL-EXH
595634	4172323	13.73757	HOTL-EXH
595654	4172323	13.52386	HOTL-EXH
595674	4172323	13.24144	HOTL-EXH
595694	4172323	12.88197	HOTL-EXH
595714	4172323	12.44681	HOTL-EXH
595734	4172323	11.9415	HOTL-EXH
595754	4172323	11.37599	HOTL-EXH
595774	4172323	10.76504	HOTL-EXH
595794	4172323	10.12971	HOTL-EXH
595814	4172323	9.49075	HOTL-EXH
595834	4172323	8.86437	HOTL-EXH
595854	4172323	8.26279	HOTL-EXH
595874	4172323	7.68948	HOTL-EXH
595034	4172343	1.4975	HOTL-EXH
595054	4172343	1.58062	HOTL-EXH
595074	4172343	1.67292	HOTL-EXH
595094	4172343	1.77514	HOTL-EXH
595114	4172343	1.88818	HOTL-EXH
595134	4172343	2.01974	HOTL-EXH
595154	4172343	2.17242	HOTL-EXH
595574	4172343	12.02707	HOTL-EXH
595594	4172343	11.99277	HOTL-EXH
595614	4172343	12.01657	HOTL-EXH
595634	4172343	11.91452	HOTL-EXH
595654	4172343	11.76809	HOTL-EXH
595674	4172343	11.56855	HOTL-EXH
595694	4172343	11.31037	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172343	10.98959	HOTL-EXH
595734	4172343	10.60632	HOTL-EXH
595754	4172343	10.17108	HOTL-EXH
595774	4172343	9.69444	HOTL-EXH
595794	4172343	9.19043	HOTL-EXH
595814	4172343	8.67477	HOTL-EXH
595834	4172343	8.16155	HOTL-EXH
595854	4172343	7.6583	HOTL-EXH
595874	4172343	7.17244	HOTL-EXH
595554	4172363	10.22028	HOTL-EXH
595574	4172363	10.37807	HOTL-EXH
595594	4172363	10.46616	HOTL-EXH
595614	4172363	10.49385	HOTL-EXH
595634	4172363	10.45593	HOTL-EXH
595654	4172363	10.36345	HOTL-EXH
595674	4172363	10.2136	HOTL-EXH
595694	4172363	10.0134	HOTL-EXH
595714	4172363	9.76502	HOTL-EXH
595734	4172363	9.47126	HOTL-EXH
595754	4172363	9.13865	HOTL-EXH
595774	4172363	8.76753	HOTL-EXH
595794	4172363	8.36912	HOTL-EXH
595814	4172363	7.95021	HOTL-EXH
595834	4172363	7.52762	HOTL-EXH
595854	4172363	7.10644	HOTL-EXH
595874	4172363	6.69492	HOTL-EXH
595554	4172383	8.82374	HOTL-EXH
595574	4172383	8.97919	HOTL-EXH
595594	4172383	9.15729	HOTL-EXH
595614	4172383	9.20904	HOTL-EXH
595634	4172383	9.21303	HOTL-EXH
595654	4172383	9.17045	HOTL-EXH
595674	4172383	9.07849	HOTL-EXH
595694	4172383	8.94196	HOTL-EXH
595714	4172383	8.75953	HOTL-EXH
595734	4172383	8.53028	HOTL-EXH
595754	4172383	8.26103	HOTL-EXH
595774	4172383	7.96161	HOTL-EXH
595794	4172383	7.63972	HOTL-EXH
595814	4172383	7.30012	HOTL-EXH
595834	4172383	6.9526	HOTL-EXH
595854	4172383	6.60267	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172403	7.74749	HOTL-EXH
595574	4172403	7.86021	HOTL-EXH
595594	4172403	8.06112	HOTL-EXH
595614	4172403	8.13431	HOTL-EXH
595634	4172403	8.16702	HOTL-EXH
595654	4172403	8.15819	HOTL-EXH
595674	4172403	8.10647	HOTL-EXH
595694	4172403	8.01088	HOTL-EXH
595714	4172403	7.87842	HOTL-EXH
595734	4172403	7.70906	HOTL-EXH
595754	4172403	7.50608	HOTL-EXH
595774	4172403	7.27189	HOTL-EXH
595794	4172403	7.00988	HOTL-EXH
595814	4172403	6.72663	HOTL-EXH
595834	4172403	6.43373	HOTL-EXH
595854	4172403	6.13739	HOTL-EXH
595074	4172423	1.4102	HOTL-EXH
595094	4172423	1.49428	HOTL-EXH
595554	4172423	6.86275	HOTL-EXH
595574	4172423	6.97265	HOTL-EXH
595594	4172423	7.14005	HOTL-EXH
595614	4172423	7.22809	HOTL-EXH
595634	4172423	7.27936	HOTL-EXH
595654	4172423	7.29449	HOTL-EXH
595674	4172423	7.27104	HOTL-EXH
595694	4172423	7.21267	HOTL-EXH
595714	4172423	7.11934	HOTL-EXH
595734	4172423	6.99373	HOTL-EXH
595754	4172423	6.83819	HOTL-EXH
595774	4172423	6.65298	HOTL-EXH
595794	4172423	6.44372	HOTL-EXH
595814	4172423	6.21365	HOTL-EXH
595834	4172423	5.97104	HOTL-EXH
595854	4172423	5.72348	HOTL-EXH
595074	4172443	1.35996	HOTL-EXH
595094	4172443	1.43798	HOTL-EXH
595114	4172443	1.52137	HOTL-EXH
595134	4172443	1.6115	HOTL-EXH
595534	4172443	5.86603	HOTL-EXH
595554	4172443	6.06248	HOTL-EXH
595574	4172443	6.22524	HOTL-EXH
595594	4172443	6.36222	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172443	6.45749	HOTL-EXH
595634	4172443	6.52172	HOTL-EXH
595654	4172443	6.55348	HOTL-EXH
595674	4172443	6.5516	HOTL-EXH
595694	4172443	6.51908	HOTL-EXH
595714	4172443	6.45794	HOTL-EXH
595734	4172443	6.36788	HOTL-EXH
595754	4172443	6.24842	HOTL-EXH
595774	4172443	6.10366	HOTL-EXH
595794	4172443	5.93617	HOTL-EXH
595814	4172443	5.74802	HOTL-EXH
595834	4172443	5.54624	HOTL-EXH
595854	4172443	5.33636	HOTL-EXH
595054	4172463	1.24562	HOTL-EXH
595074	4172463	1.31209	HOTL-EXH
595094	4172463	1.38304	HOTL-EXH
595114	4172463	1.45898	HOTL-EXH
595534	4172463	5.22807	HOTL-EXH
595554	4172463	5.3785	HOTL-EXH
595574	4172463	5.5432	HOTL-EXH
595594	4172463	5.70004	HOTL-EXH
595614	4172463	5.79976	HOTL-EXH
595634	4172463	5.8711	HOTL-EXH
595654	4172463	5.91475	HOTL-EXH
595674	4172463	5.92883	HOTL-EXH
595694	4172463	5.91606	HOTL-EXH
595714	4172463	5.87682	HOTL-EXH
595734	4172463	5.81276	HOTL-EXH
595754	4172463	5.72386	HOTL-EXH
595774	4172463	5.61207	HOTL-EXH
595794	4172463	5.47969	HOTL-EXH
595814	4172463	5.32602	HOTL-EXH
595834	4172463	5.15977	HOTL-EXH
595054	4172483	1.07382	HOTL-EXH
595074	4172483	1.26445	HOTL-EXH
595094	4172483	1.32972	HOTL-EXH
595114	4172483	1.39898	HOTL-EXH
595534	4172483	4.71287	HOTL-EXH
595554	4172483	4.83694	HOTL-EXH
595574	4172483	4.99954	HOTL-EXH
595594	4172483	5.12983	HOTL-EXH
595614	4172483	5.22129	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172483	5.30254	HOTL-EXH
595654	4172483	5.35819	HOTL-EXH
595674	4172483	5.38482	HOTL-EXH
595694	4172483	5.38646	HOTL-EXH
595714	4172483	5.36492	HOTL-EXH
595734	4172483	5.32116	HOTL-EXH
595754	4172483	5.25641	HOTL-EXH
595774	4172483	5.17121	HOTL-EXH
595794	4172483	5.06656	HOTL-EXH
595814	4172483	4.94268	HOTL-EXH
595834	4172483	4.80544	HOTL-EXH
595034	4172503	1.10893	HOTL-EXH
595054	4172503	1.16015	HOTL-EXH
595074	4172503	1.21675	HOTL-EXH
595094	4172503	1.277	HOTL-EXH
595114	4172503	1.34209	HOTL-EXH
595534	4172503	4.27217	HOTL-EXH
595554	4172503	4.38306	HOTL-EXH
595574	4172503	4.53427	HOTL-EXH
595594	4172503	4.6464	HOTL-EXH
595614	4172503	4.7367	HOTL-EXH
595634	4172503	4.81543	HOTL-EXH
595654	4172503	4.87086	HOTL-EXH
595674	4172503	4.89229	HOTL-EXH
595694	4172503	4.91918	HOTL-EXH
595714	4172503	4.91112	HOTL-EXH
595734	4172503	4.8845	HOTL-EXH
595754	4172503	4.83739	HOTL-EXH
595774	4172503	4.77399	HOTL-EXH
595794	4172503	4.69379	HOTL-EXH
595814	4172503	4.59382	HOTL-EXH
595834	4172503	4.48117	HOTL-EXH
595034	4172523	1.07229	HOTL-EXH
595054	4172523	1.12141	HOTL-EXH
595074	4172523	1.17332	HOTL-EXH
595094	4172523	1.22678	HOTL-EXH
595514	4172523	3.72996	HOTL-EXH
595534	4172523	3.87234	HOTL-EXH
595554	4172523	4.00799	HOTL-EXH
595574	4172523	4.15026	HOTL-EXH
595594	4172523	4.218	HOTL-EXH
595614	4172523	4.32968	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172523	4.40459	HOTL-EXH
595654	4172523	4.4419	HOTL-EXH
595674	4172523	4.48969	HOTL-EXH
595694	4172523	4.50094	HOTL-EXH
595714	4172523	4.50334	HOTL-EXH
595734	4172523	4.49049	HOTL-EXH
595754	4172523	4.46172	HOTL-EXH
595774	4172523	4.41552	HOTL-EXH
595794	4172523	4.3549	HOTL-EXH
595814	4172523	4.27522	HOTL-EXH
595834	4172523	4.18338	HOTL-EXH
595034	4172543	1.03613	HOTL-EXH
595054	4172543	1.0817	HOTL-EXH
595074	4172543	1.12932	HOTL-EXH
595094	4172543	1.18072	HOTL-EXH
595514	4172543	3.40764	HOTL-EXH
595534	4172543	3.52909	HOTL-EXH
595554	4172543	3.6655	HOTL-EXH
595574	4172543	3.76751	HOTL-EXH
595594	4172543	3.85035	HOTL-EXH
595614	4172543	3.93561	HOTL-EXH
595634	4172543	4.03258	HOTL-EXH
595654	4172543	4.09062	HOTL-EXH
595674	4172543	4.1022	HOTL-EXH
595694	4172543	4.13781	HOTL-EXH
595714	4172543	4.16101	HOTL-EXH
595734	4172543	4.14261	HOTL-EXH
595754	4172543	4.12434	HOTL-EXH
595774	4172543	4.08531	HOTL-EXH
595794	4172543	4.04621	HOTL-EXH
595814	4172543	3.98421	HOTL-EXH
595014	4172563	0.96173	HOTL-EXH
595034	4172563	1.0012	HOTL-EXH
595054	4172563	1.04297	HOTL-EXH
595074	4172563	1.08709	HOTL-EXH
595094	4172563	1.13527	HOTL-EXH
595514	4172563	3.14087	HOTL-EXH
595534	4172563	3.24834	HOTL-EXH
595554	4172563	3.38136	HOTL-EXH
595574	4172563	3.44771	HOTL-EXH
595594	4172563	3.53083	HOTL-EXH
595614	4172563	3.61581	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172563	3.70633	HOTL-EXH
595654	4172563	3.75557	HOTL-EXH
595674	4172563	3.7787	HOTL-EXH
595694	4172563	3.80422	HOTL-EXH
595714	4172563	3.81696	HOTL-EXH
595734	4172563	3.82976	HOTL-EXH
595754	4172563	3.82176	HOTL-EXH
595774	4172563	3.79508	HOTL-EXH
595794	4172563	3.7684	HOTL-EXH
595814	4172563	3.71845	HOTL-EXH
595014	4172583	0.93044	HOTL-EXH
595034	4172583	0.96688	HOTL-EXH
595054	4172583	1.00609	HOTL-EXH
595074	4172583	1.04742	HOTL-EXH
595494	4172583	2.77746	HOTL-EXH
595514	4172583	2.89506	HOTL-EXH
595534	4172583	2.99844	HOTL-EXH
595554	4172583	3.10184	HOTL-EXH
595574	4172583	3.17493	HOTL-EXH
595594	4172583	3.25774	HOTL-EXH
595614	4172583	3.35149	HOTL-EXH
595634	4172583	3.42058	HOTL-EXH
595654	4172583	3.45472	HOTL-EXH
595674	4172583	3.49311	HOTL-EXH
595694	4172583	3.52063	HOTL-EXH
595714	4172583	3.53695	HOTL-EXH
595734	4172583	3.55917	HOTL-EXH
595754	4172583	3.55281	HOTL-EXH
595774	4172583	3.54142	HOTL-EXH
595794	4172583	3.51488	HOTL-EXH
595814	4172583	3.47617	HOTL-EXH
595034	4172603	0.93484	HOTL-EXH
595054	4172603	0.97117	HOTL-EXH
595074	4172603	1.01036	HOTL-EXH
595494	4172603	2.57426	HOTL-EXH
595514	4172603	2.66873	HOTL-EXH
595534	4172603	2.77684	HOTL-EXH
595554	4172603	2.8703	HOTL-EXH
595574	4172603	2.93636	HOTL-EXH
595594	4172603	3.01695	HOTL-EXH
595614	4172603	3.11244	HOTL-EXH
595634	4172603	3.17112	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172603	3.19998	HOTL-EXH
595674	4172603	3.23849	HOTL-EXH
595694	4172603	3.26715	HOTL-EXH
595714	4172603	3.28581	HOTL-EXH
595734	4172603	3.31269	HOTL-EXH
595754	4172603	3.30611	HOTL-EXH
595774	4172603	3.30408	HOTL-EXH
595794	4172603	3.28309	HOTL-EXH
595474	4172623	2.29918	HOTL-EXH
595494	4172623	2.40139	HOTL-EXH
595514	4172623	2.48409	HOTL-EXH
595534	4172623	2.57979	HOTL-EXH
595554	4172623	2.66529	HOTL-EXH
595574	4172623	2.75058	HOTL-EXH
595594	4172623	2.82294	HOTL-EXH
595614	4172623	2.88078	HOTL-EXH
595634	4172623	2.94252	HOTL-EXH
595654	4172623	2.9896	HOTL-EXH
595674	4172623	3.02288	HOTL-EXH
595694	4172623	3.04013	HOTL-EXH
595714	4172623	3.06583	HOTL-EXH
595734	4172623	3.08375	HOTL-EXH
595754	4172623	3.09097	HOTL-EXH
595774	4172623	3.08752	HOTL-EXH
595794	4172623	3.07263	HOTL-EXH
595814	4172623	3.04932	HOTL-EXH
595474	4172643	2.14646	HOTL-EXH
595494	4172643	2.22586	HOTL-EXH
595514	4172643	2.31987	HOTL-EXH
595534	4172643	2.40081	HOTL-EXH
595554	4172643	2.47899	HOTL-EXH
595574	4172643	2.5495	HOTL-EXH
595594	4172643	2.61728	HOTL-EXH
595614	4172643	2.68869	HOTL-EXH
595634	4172643	2.72289	HOTL-EXH
595654	4172643	2.78139	HOTL-EXH
595674	4172643	2.82049	HOTL-EXH
595694	4172643	2.84895	HOTL-EXH
595714	4172643	2.86995	HOTL-EXH
595734	4172643	2.88161	HOTL-EXH
595754	4172643	2.89259	HOTL-EXH
595774	4172643	2.88995	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172643	2.88027	HOTL-EXH
595814	4172643	2.86295	HOTL-EXH
595474	4172663	2.01132	HOTL-EXH
595494	4172663	2.08456	HOTL-EXH
595514	4172663	2.16797	HOTL-EXH
595534	4172663	2.24249	HOTL-EXH
595554	4172663	2.31403	HOTL-EXH
595574	4172663	2.37998	HOTL-EXH
595594	4172663	2.44375	HOTL-EXH
595614	4172663	2.49694	HOTL-EXH
595634	4172663	2.53827	HOTL-EXH
595654	4172663	2.58408	HOTL-EXH
595674	4172663	2.61859	HOTL-EXH
595694	4172663	2.66155	HOTL-EXH
595714	4172663	2.6801	HOTL-EXH
595734	4172663	2.69826	HOTL-EXH
595754	4172663	2.71059	HOTL-EXH
595774	4172663	2.71039	HOTL-EXH
595794	4172663	2.70485	HOTL-EXH
595814	4172663	2.6925	HOTL-EXH
595454	4172683	1.8166	HOTL-EXH
595474	4172683	1.88727	HOTL-EXH
595494	4172683	1.95903	HOTL-EXH
595514	4172683	2.03235	HOTL-EXH
595534	4172683	2.10074	HOTL-EXH
595554	4172683	2.16657	HOTL-EXH
595574	4172683	2.22849	HOTL-EXH
595594	4172683	2.29291	HOTL-EXH
595614	4172683	2.32958	HOTL-EXH
595634	4172683	2.37736	HOTL-EXH
595654	4172683	2.41935	HOTL-EXH
595674	4172683	2.45271	HOTL-EXH
595694	4172683	2.49657	HOTL-EXH
595714	4172683	2.51594	HOTL-EXH
595734	4172683	2.53538	HOTL-EXH
595754	4172683	2.54281	HOTL-EXH
595774	4172683	2.54215	HOTL-EXH
595794	4172683	2.54181	HOTL-EXH
595814	4172683	2.53409	HOTL-EXH
595474	4172703	1.77504	HOTL-EXH
595494	4172703	1.83793	HOTL-EXH
595514	4172703	1.90399	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172703	1.97155	HOTL-EXH
595554	4172703	2.03408	HOTL-EXH
595574	4172703	2.09101	HOTL-EXH
595594	4172703	2.14774	HOTL-EXH
595614	4172703	2.18476	HOTL-EXH
595634	4172703	2.23032	HOTL-EXH
595654	4172703	2.26865	HOTL-EXH
595674	4172703	2.30443	HOTL-EXH
595694	4172703	2.34041	HOTL-EXH
595714	4172703	2.36079	HOTL-EXH
595734	4172703	2.38336	HOTL-EXH
595754	4172703	2.39151	HOTL-EXH
595774	4172703	2.39536	HOTL-EXH
595794	4172703	2.39455	HOTL-EXH
595814	4172703	2.38892	HOTL-EXH
595834	4172703	2.37933	HOTL-EXH
595294	4172723	1.20764	HOTL-EXH
595314	4172723	1.25148	HOTL-EXH
595514	4172723	1.79659	HOTL-EXH
595534	4172723	1.85197	HOTL-EXH
595554	4172723	1.9076	HOTL-EXH
595574	4172723	1.96479	HOTL-EXH
595594	4172723	2.02245	HOTL-EXH
595614	4172723	2.06062	HOTL-EXH
595634	4172723	2.09701	HOTL-EXH
595654	4172723	2.13325	HOTL-EXH
595674	4172723	2.17381	HOTL-EXH
595694	4172723	2.20064	HOTL-EXH
595714	4172723	2.22635	HOTL-EXH
595734	4172723	2.2434	HOTL-EXH
595754	4172723	2.25133	HOTL-EXH
595774	4172723	2.25743	HOTL-EXH
595794	4172723	2.23758	HOTL-EXH
595814	4172723	2.2464	HOTL-EXH
595834	4172723	2.24386	HOTL-EXH
595294	4172743	1.15433	HOTL-EXH
595314	4172743	1.1943	HOTL-EXH
595334	4172743	1.23677	HOTL-EXH
595354	4172743	1.28325	HOTL-EXH
595374	4172743	1.32922	HOTL-EXH
595534	4172743	1.75168	HOTL-EXH
595554	4172743	1.80251	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172743	1.84928	HOTL-EXH
595594	4172743	1.8966	HOTL-EXH
595614	4172743	1.94173	HOTL-EXH
595634	4172743	1.98601	HOTL-EXH
595654	4172743	2.01688	HOTL-EXH
595674	4172743	2.0498	HOTL-EXH
595694	4172743	2.07299	HOTL-EXH
595714	4172743	2.09843	HOTL-EXH
595734	4172743	2.11552	HOTL-EXH
595754	4172743	2.12437	HOTL-EXH
595774	4172743	2.12515	HOTL-EXH
595794	4172743	2.12626	HOTL-EXH
595814	4172743	2.12999	HOTL-EXH
595834	4172743	2.12642	HOTL-EXH
595274	4172763	1.06887	HOTL-EXH
595294	4172763	1.10474	HOTL-EXH
595314	4172763	1.14123	HOTL-EXH
595334	4172763	1.18062	HOTL-EXH
595354	4172763	1.22307	HOTL-EXH
595374	4172763	1.26423	HOTL-EXH
595394	4172763	1.30961	HOTL-EXH
595414	4172763	1.35663	HOTL-EXH
595534	4172763	1.65507	HOTL-EXH
595554	4172763	1.70294	HOTL-EXH
595574	4172763	1.74913	HOTL-EXH
595594	4172763	1.79206	HOTL-EXH
595614	4172763	1.83023	HOTL-EXH
595634	4172763	1.86587	HOTL-EXH
595654	4172763	1.90041	HOTL-EXH
595674	4172763	1.93104	HOTL-EXH
595694	4172763	1.95581	HOTL-EXH
595714	4172763	1.97957	HOTL-EXH
595734	4172763	1.99683	HOTL-EXH
595754	4172763	2.00747	HOTL-EXH
595774	4172763	2.01318	HOTL-EXH
595794	4172763	2.01823	HOTL-EXH
595814	4172763	2.02015	HOTL-EXH
594934	4172783	0.6049	HOTL-EXH
594954	4172783	0.62211	HOTL-EXH
594974	4172783	0.64105	HOTL-EXH
595274	4172783	1.02437	HOTL-EXH
595294	4172783	1.05782	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595314	4172783	1.09334	HOTL-EXH
595334	4172783	1.12946	HOTL-EXH
595354	4172783	1.16572	HOTL-EXH
595374	4172783	1.2047	HOTL-EXH
595394	4172783	1.24611	HOTL-EXH
595414	4172783	1.28942	HOTL-EXH
595434	4172783	1.33444	HOTL-EXH
595454	4172783	1.38114	HOTL-EXH
595514	4172783	1.52094	HOTL-EXH
595534	4172783	1.56691	HOTL-EXH
595554	4172783	1.61131	HOTL-EXH
595574	4172783	1.65468	HOTL-EXH
595594	4172783	1.69439	HOTL-EXH
595614	4172783	1.73218	HOTL-EXH
595634	4172783	1.76613	HOTL-EXH
595654	4172783	1.79687	HOTL-EXH
595674	4172783	1.82288	HOTL-EXH
595694	4172783	1.84678	HOTL-EXH
595714	4172783	1.87232	HOTL-EXH
595734	4172783	1.89083	HOTL-EXH
595754	4172783	1.90464	HOTL-EXH
595774	4172783	1.91531	HOTL-EXH
595794	4172783	1.92187	HOTL-EXH
595814	4172783	1.92149	HOTL-EXH
594894	4172803	0.55662	HOTL-EXH
594914	4172803	0.57218	HOTL-EXH
594934	4172803	0.58888	HOTL-EXH
594954	4172803	0.6061	HOTL-EXH
594974	4172803	0.62447	HOTL-EXH
595274	4172803	0.98227	HOTL-EXH
595294	4172803	1.01282	HOTL-EXH
595314	4172803	1.04564	HOTL-EXH
595334	4172803	1.0807	HOTL-EXH
595354	4172803	1.11463	HOTL-EXH
595374	4172803	1.15076	HOTL-EXH
595394	4172803	1.18886	HOTL-EXH
595414	4172803	1.22894	HOTL-EXH
595434	4172803	1.27005	HOTL-EXH
595454	4172803	1.31233	HOTL-EXH
595474	4172803	1.35615	HOTL-EXH
595494	4172803	1.40041	HOTL-EXH
595514	4172803	1.44413	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172803	1.48638	HOTL-EXH
595554	4172803	1.52736	HOTL-EXH
595574	4172803	1.56763	HOTL-EXH
595594	4172803	1.60459	HOTL-EXH
595614	4172803	1.6403	HOTL-EXH
595634	4172803	1.67296	HOTL-EXH
595654	4172803	1.70236	HOTL-EXH
595674	4172803	1.72847	HOTL-EXH
595694	4172803	1.74955	HOTL-EXH
595714	4172803	1.76795	HOTL-EXH
595734	4172803	1.7865	HOTL-EXH
595754	4172803	1.80089	HOTL-EXH
595774	4172803	1.81187	HOTL-EXH
595794	4172803	1.81871	HOTL-EXH
595814	4172803	1.82211	HOTL-EXH
594874	4172823	0.50087	HOTL-EXH
594894	4172823	0.53702	HOTL-EXH
594914	4172823	0.55803	HOTL-EXH
594934	4172823	0.57405	HOTL-EXH
594954	4172823	0.59074	HOTL-EXH
595254	4172823	0.9155	HOTL-EXH
595274	4172823	0.94302	HOTL-EXH
595294	4172823	0.97181	HOTL-EXH
595314	4172823	1.0029	HOTL-EXH
595334	4172823	1.0342	HOTL-EXH
595354	4172823	1.06649	HOTL-EXH
595374	4172823	1.10099	HOTL-EXH
595394	4172823	1.13638	HOTL-EXH
595414	4172823	1.17306	HOTL-EXH
595434	4172823	1.21135	HOTL-EXH
595454	4172823	1.25052	HOTL-EXH
595474	4172823	1.29019	HOTL-EXH
595494	4172823	1.3308	HOTL-EXH
595514	4172823	1.37129	HOTL-EXH
595534	4172823	1.41144	HOTL-EXH
595554	4172823	1.45044	HOTL-EXH
595574	4172823	1.48776	HOTL-EXH
595594	4172823	1.52272	HOTL-EXH
595614	4172823	1.55606	HOTL-EXH
595634	4172823	1.58661	HOTL-EXH
595654	4172823	1.61481	HOTL-EXH
595674	4172823	1.64003	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172823	1.65768	HOTL-EXH
595714	4172823	1.66153	HOTL-EXH
595734	4172823	1.69393	HOTL-EXH
595754	4172823	1.70783	HOTL-EXH
595774	4172823	1.71869	HOTL-EXH
595794	4172823	1.72637	HOTL-EXH
595814	4172823	1.71975	HOTL-EXH
594874	4172843	0.51598	HOTL-EXH
594894	4172843	0.50271	HOTL-EXH
594914	4172843	0.54442	HOTL-EXH
594934	4172843	0.55998	HOTL-EXH
594954	4172843	0.57604	HOTL-EXH
595254	4172843	0.88054	HOTL-EXH
595274	4172843	0.9067	HOTL-EXH
595294	4172843	0.93371	HOTL-EXH
595314	4172843	0.9627	HOTL-EXH
595334	4172843	0.99134	HOTL-EXH
595354	4172843	1.022	HOTL-EXH
595374	4172843	1.05408	HOTL-EXH
595394	4172843	1.08729	HOTL-EXH
595414	4172843	1.12191	HOTL-EXH
595434	4172843	1.15733	HOTL-EXH
595454	4172843	1.19377	HOTL-EXH
595474	4172843	1.23016	HOTL-EXH
595494	4172843	1.26774	HOTL-EXH
595514	4172843	1.30528	HOTL-EXH
595534	4172843	1.34191	HOTL-EXH
595554	4172843	1.3781	HOTL-EXH
595574	4172843	1.4136	HOTL-EXH
595594	4172843	1.44687	HOTL-EXH
595614	4172843	1.47743	HOTL-EXH
595634	4172843	1.50684	HOTL-EXH
595654	4172843	1.53358	HOTL-EXH
595674	4172843	1.55755	HOTL-EXH
595694	4172843	1.51666	HOTL-EXH
595714	4172843	1.59404	HOTL-EXH
595734	4172843	1.61063	HOTL-EXH
595754	4172843	1.62448	HOTL-EXH
595774	4172843	1.63554	HOTL-EXH
595794	4172843	1.64379	HOTL-EXH
595814	4172843	1.64887	HOTL-EXH
594854	4172863	0.49118	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594874	4172863	0.50414	HOTL-EXH
594894	4172863	0.49647	HOTL-EXH
594914	4172863	0.51018	HOTL-EXH
594934	4172863	0.54647	HOTL-EXH
595234	4172863	0.82437	HOTL-EXH
595254	4172863	0.84747	HOTL-EXH
595274	4172863	0.8717	HOTL-EXH
595294	4172863	0.89796	HOTL-EXH
595314	4172863	0.92448	HOTL-EXH
595334	4172863	0.95186	HOTL-EXH
595354	4172863	0.98037	HOTL-EXH
595374	4172863	1.01068	HOTL-EXH
595394	4172863	1.0414	HOTL-EXH
595414	4172863	1.07378	HOTL-EXH
595434	4172863	1.10703	HOTL-EXH
595454	4172863	1.14139	HOTL-EXH
595474	4172863	1.1755	HOTL-EXH
595494	4172863	1.21004	HOTL-EXH
595514	4172863	1.24443	HOTL-EXH
595534	4172863	1.27816	HOTL-EXH
595554	4172863	1.31186	HOTL-EXH
595574	4172863	1.3455	HOTL-EXH
595594	4172863	1.37699	HOTL-EXH
595614	4172863	1.40697	HOTL-EXH
595634	4172863	1.43287	HOTL-EXH
595654	4172863	1.45806	HOTL-EXH
595674	4172863	1.47969	HOTL-EXH
595694	4172863	1.48407	HOTL-EXH
595714	4172863	1.51703	HOTL-EXH
595734	4172863	1.53324	HOTL-EXH
595754	4172863	1.54694	HOTL-EXH
595774	4172863	1.55808	HOTL-EXH
595794	4172863	1.56661	HOTL-EXH
594854	4172883	0.45578	HOTL-EXH
594874	4172883	0.46768	HOTL-EXH
594894	4172883	0.4754	HOTL-EXH
594914	4172883	0.48896	HOTL-EXH
595234	4172883	0.79496	HOTL-EXH
595254	4172883	0.81663	HOTL-EXH
595274	4172883	0.83937	HOTL-EXH
595294	4172883	0.86365	HOTL-EXH
595314	4172883	0.88833	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595334	4172883	0.9148	HOTL-EXH
595354	4172883	0.94226	HOTL-EXH
595374	4172883	0.97057	HOTL-EXH
595394	4172883	0.99917	HOTL-EXH
595414	4172883	1.02923	HOTL-EXH
595434	4172883	1.0607	HOTL-EXH
595454	4172883	1.09193	HOTL-EXH
595474	4172883	1.12397	HOTL-EXH
595494	4172883	1.15599	HOTL-EXH
595514	4172883	1.18847	HOTL-EXH
595534	4172883	1.22008	HOTL-EXH
595554	4172883	1.25162	HOTL-EXH
595574	4172883	1.2826	HOTL-EXH
595594	4172883	1.31142	HOTL-EXH
595614	4172883	1.33903	HOTL-EXH
595634	4172883	1.3651	HOTL-EXH
595654	4172883	1.38952	HOTL-EXH
595674	4172883	1.38093	HOTL-EXH
595694	4172883	1.42745	HOTL-EXH
595714	4172883	1.44556	HOTL-EXH
595734	4172883	1.46138	HOTL-EXH
595754	4172883	1.47489	HOTL-EXH
595774	4172883	1.48608	HOTL-EXH
595794	4172883	1.49477	HOTL-EXH
594854	4172903	0.44144	HOTL-EXH
594874	4172903	0.45311	HOTL-EXH
594894	4172903	0.46072	HOTL-EXH
594914	4172903	0.47829	HOTL-EXH
595234	4172903	0.76715	HOTL-EXH
595254	4172903	0.78756	HOTL-EXH
595274	4172903	0.80908	HOTL-EXH
595294	4172903	0.8317	HOTL-EXH
595314	4172903	0.85496	HOTL-EXH
595334	4172903	0.87985	HOTL-EXH
595354	4172903	0.90513	HOTL-EXH
595374	4172903	0.93194	HOTL-EXH
595394	4172903	0.95995	HOTL-EXH
595414	4172903	0.98826	HOTL-EXH
595434	4172903	1.01702	HOTL-EXH
595454	4172903	1.04617	HOTL-EXH
595474	4172903	1.07577	HOTL-EXH
595494	4172903	1.10582	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4172903	1.13564	HOTL-EXH
595534	4172903	1.1653	HOTL-EXH
595554	4172903	1.19514	HOTL-EXH
595574	4172903	1.22398	HOTL-EXH
595594	4172903	1.25079	HOTL-EXH
595614	4172903	1.27664	HOTL-EXH
595634	4172903	1.3016	HOTL-EXH
595654	4172903	1.32447	HOTL-EXH
595674	4172903	1.30639	HOTL-EXH
595694	4172903	1.36163	HOTL-EXH
595714	4172903	1.37912	HOTL-EXH
595734	4172903	1.39454	HOTL-EXH
595754	4172903	1.40783	HOTL-EXH
595774	4172903	1.41897	HOTL-EXH
595794	4172903	1.42787	HOTL-EXH
594854	4172923	0.42765	HOTL-EXH
594874	4172923	0.44376	HOTL-EXH
594894	4172923	0.45572	HOTL-EXH
594914	4172923	0.47753	HOTL-EXH
595254	4172923	0.76024	HOTL-EXH
595274	4172923	0.78051	HOTL-EXH
595294	4172923	0.8016	HOTL-EXH
595314	4172923	0.82372	HOTL-EXH
595334	4172923	0.84724	HOTL-EXH
595354	4172923	0.87092	HOTL-EXH
595374	4172923	0.89584	HOTL-EXH
595394	4172923	0.92172	HOTL-EXH
595414	4172923	0.94854	HOTL-EXH
595434	4172923	0.97602	HOTL-EXH
595454	4172923	1.00356	HOTL-EXH
595474	4172923	1.03134	HOTL-EXH
595494	4172923	1.05886	HOTL-EXH
595514	4172923	1.08668	HOTL-EXH
595534	4172923	1.11432	HOTL-EXH
595554	4172923	1.14239	HOTL-EXH
595574	4172923	1.16904	HOTL-EXH
595594	4172923	1.19463	HOTL-EXH
595614	4172923	1.21971	HOTL-EXH
595634	4172923	1.24294	HOTL-EXH
595654	4172923	1.24755	HOTL-EXH
595674	4172923	1.28145	HOTL-EXH
595694	4172923	1.30032	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172923	1.31724	HOTL-EXH
595734	4172923	1.33225	HOTL-EXH
595754	4172923	1.34529	HOTL-EXH
595774	4172923	1.35633	HOTL-EXH
595314	4172943	0.79449	HOTL-EXH
595334	4172943	0.81626	HOTL-EXH
595354	4172943	0.83895	HOTL-EXH
595374	4172943	0.86241	HOTL-EXH
595394	4172943	0.88691	HOTL-EXH
595414	4172943	0.91169	HOTL-EXH
595434	4172943	0.93713	HOTL-EXH
595454	4172943	0.96296	HOTL-EXH
595474	4172943	0.98914	HOTL-EXH
595494	4172943	1.01545	HOTL-EXH
595514	4172943	1.04155	HOTL-EXH
595534	4172943	1.06744	HOTL-EXH
595554	4172943	1.09318	HOTL-EXH
595574	4172943	1.11785	HOTL-EXH
595594	4172943	1.14236	HOTL-EXH
595614	4172943	1.16609	HOTL-EXH
595634	4172943	1.18803	HOTL-EXH
595654	4172943	1.15439	HOTL-EXH
595674	4172943	1.2092	HOTL-EXH
595694	4172943	1.24315	HOTL-EXH
595714	4172943	1.25945	HOTL-EXH
595734	4172943	1.27403	HOTL-EXH
595754	4172943	1.28679	HOTL-EXH
595774	4172943	1.2977	HOTL-EXH
595314	4172963	0.76662	HOTL-EXH
595334	4172963	0.78765	HOTL-EXH
595354	4172963	0.80899	HOTL-EXH
595374	4172963	0.83109	HOTL-EXH
595394	4172963	0.85385	HOTL-EXH
595414	4172963	0.87714	HOTL-EXH
595434	4172963	0.90102	HOTL-EXH
595454	4172963	0.92511	HOTL-EXH
595474	4172963	0.94916	HOTL-EXH
595494	4172963	0.974	HOTL-EXH
595514	4172963	0.99863	HOTL-EXH
595534	4172963	1.02305	HOTL-EXH
595554	4172963	1.04713	HOTL-EXH
595574	4172963	1.07064	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4172963	1.09361	HOTL-EXH
595614	4172963	1.11602	HOTL-EXH
595634	4172963	1.13444	HOTL-EXH
595654	4172963	1.14147	HOTL-EXH
595674	4172963	1.16081	HOTL-EXH
595694	4172963	1.17823	HOTL-EXH
595714	4172963	1.19398	HOTL-EXH
595734	4172963	1.20837	HOTL-EXH
595754	4172963	1.22115	HOTL-EXH
595314	4172983	0.74054	HOTL-EXH
595334	4172983	0.76037	HOTL-EXH
595354	4172983	0.78066	HOTL-EXH
595374	4172983	0.80152	HOTL-EXH
595394	4172983	0.82304	HOTL-EXH
595414	4172983	0.84488	HOTL-EXH
595434	4172983	0.86729	HOTL-EXH
595454	4172983	0.88993	HOTL-EXH
595474	4172983	0.91243	HOTL-EXH
595494	4172983	0.93559	HOTL-EXH
595514	4172983	0.95826	HOTL-EXH
595534	4172983	0.98121	HOTL-EXH
595554	4172983	1.00401	HOTL-EXH
595574	4172983	1.02583	HOTL-EXH
595594	4172983	1.04762	HOTL-EXH
595614	4172983	1.06904	HOTL-EXH
595634	4172983	1.04877	HOTL-EXH
595654	4172983	1.10545	HOTL-EXH
595674	4172983	1.12344	HOTL-EXH
595694	4172983	1.14013	HOTL-EXH
595714	4172983	1.15541	HOTL-EXH
595734	4172983	1.16921	HOTL-EXH
595754	4172983	1.18145	HOTL-EXH
595314	4173003	0.71621	HOTL-EXH
595334	4173003	0.7345	HOTL-EXH
595354	4173003	0.75374	HOTL-EXH
595374	4173003	0.77355	HOTL-EXH
595394	4173003	0.79372	HOTL-EXH
595414	4173003	0.8144	HOTL-EXH
595434	4173003	0.83544	HOTL-EXH
595454	4173003	0.85679	HOTL-EXH
595474	4173003	0.878	HOTL-EXH
595494	4173003	0.89949	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595514	4173003	0.92089	HOTL-EXH
595534	4173003	0.94238	HOTL-EXH
595554	4173003	0.96371	HOTL-EXH
595574	4173003	0.98417	HOTL-EXH
595594	4173003	1.00479	HOTL-EXH
595614	4173003	1.02388	HOTL-EXH
595634	4173003	1.03557	HOTL-EXH
595654	4173003	1.06002	HOTL-EXH
595674	4173003	1.07725	HOTL-EXH
595694	4173003	1.0933	HOTL-EXH
595714	4173003	1.10807	HOTL-EXH
595734	4173003	1.12147	HOTL-EXH
595294	4173023	0.67546	HOTL-EXH
595314	4173023	0.69242	HOTL-EXH
595334	4173023	0.7102	HOTL-EXH
595354	4173023	0.72843	HOTL-EXH
595374	4173023	0.7471	HOTL-EXH
595394	4173023	0.76622	HOTL-EXH
595414	4173023	0.78571	HOTL-EXH
595434	4173023	0.80525	HOTL-EXH
595454	4173023	0.8252	HOTL-EXH
595474	4173023	0.84532	HOTL-EXH
595494	4173023	0.86566	HOTL-EXH
595514	4173023	0.88577	HOTL-EXH
595534	4173023	0.90595	HOTL-EXH
595554	4173023	0.92589	HOTL-EXH
595574	4173023	0.94542	HOTL-EXH
595594	4173023	0.96499	HOTL-EXH
595614	4173023	0.94864	HOTL-EXH
595634	4173023	0.99997	HOTL-EXH
595654	4173023	1.01743	HOTL-EXH
595674	4173023	1.03393	HOTL-EXH
595694	4173023	1.04937	HOTL-EXH
595714	4173023	1.06364	HOTL-EXH
595294	4173043	0.65432	HOTL-EXH
595314	4173043	0.67041	HOTL-EXH
595334	4173043	0.68726	HOTL-EXH
595354	4173043	0.70449	HOTL-EXH
595374	4173043	0.72216	HOTL-EXH
595394	4173043	0.7402	HOTL-EXH
595414	4173043	0.7584	HOTL-EXH
595434	4173043	0.77688	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595454	4173043	0.79561	HOTL-EXH
595474	4173043	0.81449	HOTL-EXH
595494	4173043	0.8337	HOTL-EXH
595514	4173043	0.85259	HOTL-EXH
595534	4173043	0.8714	HOTL-EXH
595554	4173043	0.8903	HOTL-EXH
595574	4173043	0.90901	HOTL-EXH
595594	4173043	0.92724	HOTL-EXH
595614	4173043	0.915	HOTL-EXH
595634	4173043	0.96079	HOTL-EXH
595654	4173043	0.97744	HOTL-EXH
595674	4173043	0.99325	HOTL-EXH
595694	4173043	1.00809	HOTL-EXH
595294	4173063	0.63419	HOTL-EXH
595314	4173063	0.64956	HOTL-EXH
595334	4173063	0.66548	HOTL-EXH
595354	4173063	0.68181	HOTL-EXH
595374	4173063	0.6985	HOTL-EXH
595394	4173063	0.71533	HOTL-EXH
595414	4173063	0.73245	HOTL-EXH
595434	4173063	0.74992	HOTL-EXH
595454	4173063	0.76775	HOTL-EXH
595474	4173063	0.78565	HOTL-EXH
595494	4173063	0.8038	HOTL-EXH
595514	4173063	0.82157	HOTL-EXH
595534	4173063	0.83916	HOTL-EXH
595554	4173063	0.85701	HOTL-EXH
595574	4173063	0.87441	HOTL-EXH
595594	4173063	0.89026	HOTL-EXH
595614	4173063	0.90433	HOTL-EXH
595634	4173063	0.92395	HOTL-EXH
595654	4173063	0.93984	HOTL-EXH
595354	4173083	0.66022	HOTL-EXH
595374	4173083	0.67582	HOTL-EXH
595394	4173083	0.69169	HOTL-EXH
595414	4173083	0.70789	HOTL-EXH
595434	4173083	0.72443	HOTL-EXH
595454	4173083	0.7414	HOTL-EXH
595474	4173083	0.75847	HOTL-EXH
595494	4173083	0.77595	HOTL-EXH
595514	4173083	0.79279	HOTL-EXH
595534	4173083	0.80877	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4173083	0.82576	HOTL-EXH
595574	4173083	0.84207	HOTL-EXH
595594	4173083	0.85847	HOTL-EXH
595614	4173083	0.82935	HOTL-EXH
595334	4173103	0.62491	HOTL-EXH
595354	4173103	0.63955	HOTL-EXH
595374	4173103	0.65428	HOTL-EXH
595394	4173103	0.66927	HOTL-EXH
595414	4173103	0.68461	HOTL-EXH
595434	4173103	0.70029	HOTL-EXH
595454	4173103	0.7165	HOTL-EXH
595474	4173103	0.73282	HOTL-EXH
595494	4173103	0.74922	HOTL-EXH
595514	4173103	0.76418	HOTL-EXH
595534	4173103	0.78025	HOTL-EXH
595334	4173123	0.60593	HOTL-EXH
595354	4173123	0.61976	HOTL-EXH
595374	4173123	0.63377	HOTL-EXH
595394	4173123	0.64802	HOTL-EXH
595414	4173123	0.66265	HOTL-EXH
595434	4173123	0.67758	HOTL-EXH
595454	4173123	0.69298	HOTL-EXH
595474	4173123	0.70864	HOTL-EXH
595494	4173123	0.72389	HOTL-EXH
595514	4173123	0.73793	HOTL-EXH
595354	4173143	0.60104	HOTL-EXH
595374	4173143	0.61442	HOTL-EXH
595394	4173143	0.62814	HOTL-EXH
595414	4173143	0.64273	HOTL-EXH
595434	4173143	0.65675	HOTL-EXH
595494	4173143	0.69905	HOTL-EXH
595354	4173163	0.58355	HOTL-EXH
595374	4173163	0.59619	HOTL-EXH
595394	4173163	0.60913	HOTL-EXH
595414	4173163	0.62276	HOTL-EXH
595434	4173163	0.636	HOTL-EXH
595374	4173183	0.57881	HOTL-EXH
595394	4173183	0.59103	HOTL-EXH
595414	4173183	0.60353	HOTL-EXH
595434	4173183	0.61616	HOTL-EXH
595203.12	4172931.43	0.70405	HOTL-EXH
595305.29	4173022.49	0.68545	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
596059.85	4172738.92	1.87214	HOTL-EXH
595782.4	4171913.24	10.50837	HOTL-EXH
595790.49	4171877.76	7.68037	HOTL-EXH
595826.59	4171700.37	2.59173	HOTL-EXH
595857.85	4171568.4	1.51157	HOTL-EXH
595427.66	4172811.08	1.23297	HOTL-EXH
595616.96	4172890.78	1.31812	HOTL-EXH
595465.61	4172972.42	0.92167	HOTL-EXH
595413.93	4172953.11	0.89388	HOTL-EXH
595207.62	4172857.58	0.80279	HOTL-EXH
595229.35	4172793.73	0.93374	HOTL-EXH
595251.41	4172717.21	1.13254	HOTL-EXH
595276.16	4172654.64	1.37106	HOTL-EXH
595286.24	4171790.65	3.37168	HOTL-EXH
595306.24	4171790.65	3.35893	HOTL-EXH
595326.24	4171790.65	3.34229	HOTL-EXH
595266.24	4171810.65	3.71594	HOTL-EXH
595286.24	4171810.65	3.7176	HOTL-EXH
595306.24	4171810.65	3.72246	HOTL-EXH
595326.24	4171810.65	3.71253	HOTL-EXH
595246.24	4171830.65	4.06424	HOTL-EXH
595266.24	4171830.65	4.0889	HOTL-EXH
595286.24	4171830.65	4.10887	HOTL-EXH
595306.24	4171830.65	4.12651	HOTL-EXH
595326.24	4171830.65	4.13276	HOTL-EXH
595226.24	4171850.65	4.40449	HOTL-EXH
595246.24	4171850.65	4.46464	HOTL-EXH
595266.24	4171850.65	4.51088	HOTL-EXH
595286.24	4171850.65	4.54943	HOTL-EXH
595306.24	4171850.65	4.58156	HOTL-EXH
595326.24	4171850.65	4.60638	HOTL-EXH
595206.24	4171870.65	4.74051	HOTL-EXH
595226.24	4171870.65	4.82549	HOTL-EXH
595246.24	4171870.65	4.90227	HOTL-EXH
595266.24	4171870.65	4.96931	HOTL-EXH
595286.24	4171870.65	5.03252	HOTL-EXH
595306.24	4171870.65	5.08895	HOTL-EXH
595186.24	4171890.65	5.04846	HOTL-EXH
595206.24	4171890.65	5.16716	HOTL-EXH
595226.24	4171890.65	5.27802	HOTL-EXH
595246.24	4171890.65	5.38345	HOTL-EXH
595266.24	4171890.65	5.48021	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595286.24	4171890.65	5.57217	HOTL-EXH
595306.24	4171890.65	5.65731	HOTL-EXH
595186.24	4171910.65	5.47019	HOTL-EXH
595206.24	4171910.65	5.62285	HOTL-EXH
595226.24	4171910.65	5.77133	HOTL-EXH
595246.24	4171910.65	5.91425	HOTL-EXH
595266.24	4171910.65	6.04916	HOTL-EXH
595286.24	4171910.65	6.17214	HOTL-EXH
595306.24	4171910.65	6.29527	HOTL-EXH
595166.24	4171930.65	5.71425	HOTL-EXH
595186.24	4171930.65	5.91582	HOTL-EXH
595206.24	4171930.65	6.11604	HOTL-EXH
595226.24	4171930.65	6.30519	HOTL-EXH
595246.24	4171930.65	6.49723	HOTL-EXH
595266.24	4171930.65	6.67383	HOTL-EXH
595286.24	4171930.65	6.84397	HOTL-EXH
595166.24	4171950.65	6.13188	HOTL-EXH
595186.24	4171950.65	6.38089	HOTL-EXH
595206.24	4171950.65	6.63144	HOTL-EXH
595226.24	4171950.65	6.87215	HOTL-EXH
595246.24	4171950.65	7.12242	HOTL-EXH
595266.24	4171950.65	7.35893	HOTL-EXH
595286.24	4171950.65	7.59151	HOTL-EXH
595146.24	4171970.65	6.23996	HOTL-EXH
595166.24	4171970.65	6.54061	HOTL-EXH
595186.24	4171970.65	6.85285	HOTL-EXH
595206.24	4171970.65	7.16623	HOTL-EXH
595226.24	4171970.65	7.47687	HOTL-EXH
595246.24	4171970.65	7.80161	HOTL-EXH
595266.24	4171970.65	8.10931	HOTL-EXH
595146.24	4171990.65	6.59177	HOTL-EXH
595166.24	4171990.65	6.95301	HOTL-EXH
595186.24	4171990.65	7.3307	HOTL-EXH
595206.24	4171990.65	7.7155	HOTL-EXH
595852.66	4171825.33	5.73332	HOTL-EXH
595852.66	4171845.33	6.56849	HOTL-EXH
595852.66	4171865.33	7.5581	HOTL-EXH
595872.66	4171865.33	7.5836	HOTL-EXH
595892.66	4171865.33	7.52795	HOTL-EXH
595832.66	4171885.33	8.68894	HOTL-EXH
595852.66	4171885.33	8.72314	HOTL-EXH
595872.66	4171885.33	8.64525	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595892.66	4171885.33	8.4754	HOTL-EXH
595832.66	4171905.33	10.17636	HOTL-EXH
595852.66	4171905.33	10.07039	HOTL-EXH
595872.66	4171905.33	9.83071	HOTL-EXH
595892.66	4171905.33	9.49745	HOTL-EXH
595912.66	4171905.33	9.10119	HOTL-EXH
595832.66	4171925.33	11.9255	HOTL-EXH
595852.66	4171925.33	11.58279	HOTL-EXH
595872.66	4171925.33	11.11207	HOTL-EXH
595892.66	4171925.33	10.568	HOTL-EXH
595912.66	4171925.33	9.98836	HOTL-EXH
595852.66	4171945.33	13.24085	HOTL-EXH
595872.66	4171945.33	12.46059	HOTL-EXH
595892.66	4171945.33	11.65496	HOTL-EXH
595912.66	4171945.33	10.86057	HOTL-EXH
595932.66	4171945.33	10.09962	HOTL-EXH
595102.43	4172101.44	6.15249	HOTL-EXH
595122.43	4172101.44	6.71267	HOTL-EXH
595142.43	4172101.44	7.35674	HOTL-EXH
595102.43	4172121.44	5.87395	HOTL-EXH
595122.43	4172121.44	6.42947	HOTL-EXH
595142.43	4172121.44	7.0848	HOTL-EXH
595082.43	4172141.44	5.0184	HOTL-EXH
595102.43	4172141.44	5.47806	HOTL-EXH
595122.43	4172141.44	6.01531	HOTL-EXH
595142.43	4172141.44	6.64779	HOTL-EXH
595082.43	4172161.44	4.56921	HOTL-EXH
595102.43	4172161.44	4.99568	HOTL-EXH
595122.43	4172161.44	5.48107	HOTL-EXH
595142.43	4172161.44	6.06051	HOTL-EXH
595082.43	4172181.44	4.06978	HOTL-EXH
595102.43	4172181.44	4.43625	HOTL-EXH
595122.43	4172181.44	4.86156	HOTL-EXH
595142.43	4172181.44	5.36249	HOTL-EXH
595062.43	4172201.44	3.30061	HOTL-EXH
595082.43	4172201.44	3.56424	HOTL-EXH
595102.43	4172201.44	3.86911	HOTL-EXH
595122.43	4172201.44	4.21778	HOTL-EXH
595142.43	4172201.44	4.6278	HOTL-EXH
595162.43	4172201.44	5.11272	HOTL-EXH
595062.43	4172221.44	2.88671	HOTL-EXH
595082.43	4172221.44	3.10022	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595102.43	4172221.44	3.34575	HOTL-EXH
595122.43	4172221.44	3.62017	HOTL-EXH
595142.43	4172221.44	3.93989	HOTL-EXH
595162.43	4172221.44	4.31281	HOTL-EXH
595062.43	4172241.44	2.53621	HOTL-EXH
595082.43	4172241.44	2.7097	HOTL-EXH
595102.43	4172241.44	2.90304	HOTL-EXH
595122.43	4172241.44	3.12139	HOTL-EXH
595142.43	4172241.44	3.37576	HOTL-EXH
595162.43	4172241.44	3.66963	HOTL-EXH
595062.43	4172261.44	2.25543	HOTL-EXH
595082.43	4172261.44	2.40103	HOTL-EXH
595102.43	4172261.44	2.55368	HOTL-EXH
595122.43	4172261.44	2.73271	HOTL-EXH
595142.43	4172261.44	2.94233	HOTL-EXH
595042.43	4172281.44	1.92167	HOTL-EXH
595062.43	4172281.44	2.03396	HOTL-EXH
595082.43	4172281.44	2.15896	HOTL-EXH
595102.43	4172281.44	2.28756	HOTL-EXH
595122.43	4172281.44	2.44974	HOTL-EXH
595142.43	4172281.44	2.62449	HOTL-EXH
595162.43	4172281.44	2.82142	HOTL-EXH
595042.43	4172301.44	1.76168	HOTL-EXH
595062.43	4172301.44	1.86266	HOTL-EXH
595082.43	4172301.44	1.97153	HOTL-EXH
595102.43	4172301.44	2.09077	HOTL-EXH
595122.43	4172301.44	2.2326	HOTL-EXH
595142.43	4172301.44	2.39158	HOTL-EXH
595162.43	4172301.44	2.5731	HOTL-EXH
595042.43	4172321.44	1.63746	HOTL-EXH
595062.43	4172321.44	1.7305	HOTL-EXH
595082.43	4172321.44	1.77138	HOTL-EXH
595102.43	4172321.44	1.94044	HOTL-EXH
595122.43	4172321.44	2.07044	HOTL-EXH
595142.43	4172321.44	2.22165	HOTL-EXH
595162.43	4172321.44	2.39075	HOTL-EXH
595022.43	4172341.44	1.45926	HOTL-EXH
595042.43	4172341.44	1.53862	HOTL-EXH
595062.43	4172341.44	1.62591	HOTL-EXH
595082.43	4172341.44	1.72149	HOTL-EXH
595102.43	4172341.44	1.82792	HOTL-EXH
595122.43	4172341.44	1.9482	HOTL-EXH

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595142.43	4172341.44	2.09175	HOTL-EXH
595162.43	4172341.44	2.25208	HOTL-EXH
595509.2	4172311.1	15.39583	HOTL-EXH
595453.66	4172369.33	7.97458	HOTL-EXH
595568.33	4173021.18	0.94325	HOTL-EXH
595515	4172097	48.75134	HOTL-EXH
595271.59	4172931.11	0.76681	HOTL-EXH
595259.54	4172956.67	0.72226	HOTL-EXH
595229.53	4172979.48	0.66969	HOTL-EXH
595158.78	4172948.61	0.64832	HOTL-EXH
595424.36	4172061.47	20.88604	HOTL-EXH
595637.78	4172033.56	45.24154	HOTL-EXH
595497.98	4172569.45	2.95652	HOTL-EXH
595440.32	4172695.89	1.70482	HOTL-EXH
595531.7	4172736.24	1.77935	HOTL-EXH
595503.43	4172797.49	1.4417	HOTL-EXH
595293.61	4172706.67	1.25335	HOTL-EXH
595216.89	4172907.31	0.74484	HOTL-EXH
595554	4171743	1.49812	HOTL-IDL
595574	4171743	1.51699	HOTL-IDL
595594	4171743	1.52715	HOTL-IDL
595614	4171743	1.56291	HOTL-IDL
595634	4171743	1.6025	HOTL-IDL
595654	4171743	1.63444	HOTL-IDL
595674	4171743	1.68759	HOTL-IDL
595694	4171743	1.76751	HOTL-IDL
595714	4171743	1.83281	HOTL-IDL
595534	4171763	1.60893	HOTL-IDL
595554	4171763	1.61302	HOTL-IDL
595574	4171763	1.63049	HOTL-IDL
595594	4171763	1.64947	HOTL-IDL
595614	4171763	1.6975	HOTL-IDL
595634	4171763	1.73918	HOTL-IDL
595654	4171763	1.78038	HOTL-IDL
595674	4171763	1.84479	HOTL-IDL
595694	4171763	1.93062	HOTL-IDL
595714	4171763	2.01633	HOTL-IDL
595734	4171763	2.11594	HOTL-IDL
595754	4171763	2.21648	HOTL-IDL
595774	4171763	2.31589	HOTL-IDL
595314	4171783	1.84369	HOTL-IDL
595334	4171783	1.81049	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4171783	1.72933	HOTL-IDL
595554	4171783	1.74436	HOTL-IDL
595574	4171783	1.768	HOTL-IDL
595594	4171783	1.79548	HOTL-IDL
595614	4171783	1.83598	HOTL-IDL
595634	4171783	1.89772	HOTL-IDL
595654	4171783	1.95175	HOTL-IDL
595674	4171783	2.0312	HOTL-IDL
595694	4171783	2.12372	HOTL-IDL
595714	4171783	2.23566	HOTL-IDL
595734	4171783	2.34473	HOTL-IDL
595754	4171783	2.45513	HOTL-IDL
595774	4171783	2.56849	HOTL-IDL
595794	4171783	2.67692	HOTL-IDL
595274	4171803	2.11039	HOTL-IDL
595294	4171803	2.06077	HOTL-IDL
595314	4171803	2.01548	HOTL-IDL
595334	4171803	1.97365	HOTL-IDL
595534	4171803	1.87192	HOTL-IDL
595554	4171803	1.88952	HOTL-IDL
595574	4171803	1.91913	HOTL-IDL
595594	4171803	1.95744	HOTL-IDL
595614	4171803	2.00958	HOTL-IDL
595634	4171803	2.07978	HOTL-IDL
595654	4171803	2.15486	HOTL-IDL
595674	4171803	2.24694	HOTL-IDL
595694	4171803	2.35349	HOTL-IDL
595714	4171803	2.47516	HOTL-IDL
595734	4171803	2.61018	HOTL-IDL
595754	4171803	2.73084	HOTL-IDL
595774	4171803	2.85969	HOTL-IDL
595794	4171803	2.97659	HOTL-IDL
595814	4171803	3.08366	HOTL-IDL
595254	4171823	2.37848	HOTL-IDL
595274	4171823	2.32088	HOTL-IDL
595294	4171823	2.26486	HOTL-IDL
595314	4171823	2.21366	HOTL-IDL
595334	4171823	2.1647	HOTL-IDL
595514	4171823	2.03349	HOTL-IDL
595534	4171823	2.03545	HOTL-IDL
595554	4171823	2.06001	HOTL-IDL
595574	4171823	2.07306	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4171823	2.12239	HOTL-IDL
595614	4171823	2.20181	HOTL-IDL
595634	4171823	2.28171	HOTL-IDL
595654	4171823	2.38168	HOTL-IDL
595674	4171823	2.50794	HOTL-IDL
595694	4171823	2.62537	HOTL-IDL
595714	4171823	2.76857	HOTL-IDL
595734	4171823	2.9216	HOTL-IDL
595754	4171823	3.06123	HOTL-IDL
595774	4171823	3.19683	HOTL-IDL
595794	4171823	3.32027	HOTL-IDL
595814	4171823	3.43018	HOTL-IDL
595834	4171823	3.525	HOTL-IDL
595854	4171823	3.59963	HOTL-IDL
595234	4171843	2.69922	HOTL-IDL
595254	4171843	2.6366	HOTL-IDL
595274	4171843	2.57309	HOTL-IDL
595294	4171843	2.50848	HOTL-IDL
595314	4171843	2.44441	HOTL-IDL
595334	4171843	2.3875	HOTL-IDL
595514	4171843	2.21462	HOTL-IDL
595534	4171843	2.22317	HOTL-IDL
595554	4171843	2.2503	HOTL-IDL
595574	4171843	2.29975	HOTL-IDL
595594	4171843	2.33461	HOTL-IDL
595614	4171843	2.43399	HOTL-IDL
595634	4171843	2.53287	HOTL-IDL
595654	4171843	2.65542	HOTL-IDL
595674	4171843	2.79722	HOTL-IDL
595694	4171843	2.95417	HOTL-IDL
595714	4171843	3.12182	HOTL-IDL
595734	4171843	3.28717	HOTL-IDL
595754	4171843	3.44464	HOTL-IDL
595774	4171843	3.58733	HOTL-IDL
595794	4171843	3.7157	HOTL-IDL
595814	4171843	3.82413	HOTL-IDL
595854	4171843	3.97561	HOTL-IDL
595874	4171843	4.0177	HOTL-IDL
595214	4171863	3.06063	HOTL-IDL
595234	4171863	3.00228	HOTL-IDL
595254	4171863	2.93752	HOTL-IDL
595274	4171863	2.86456	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595294	4171863	2.79288	HOTL-IDL
595314	4171863	2.71733	HOTL-IDL
595334	4171863	2.64903	HOTL-IDL
595514	4171863	2.42292	HOTL-IDL
595534	4171863	2.44028	HOTL-IDL
595554	4171863	2.47428	HOTL-IDL
595574	4171863	2.52534	HOTL-IDL
595594	4171863	2.59849	HOTL-IDL
595614	4171863	2.69639	HOTL-IDL
595634	4171863	2.83552	HOTL-IDL
595654	4171863	2.98354	HOTL-IDL
595674	4171863	3.147	HOTL-IDL
595694	4171863	3.34907	HOTL-IDL
595714	4171863	3.5372	HOTL-IDL
595734	4171863	3.71776	HOTL-IDL
595754	4171863	3.89088	HOTL-IDL
595774	4171863	4.04462	HOTL-IDL
595794	4171863	4.17393	HOTL-IDL
595814	4171863	4.27548	HOTL-IDL
595834	4171863	4.34664	HOTL-IDL
595854	4171863	4.39042	HOTL-IDL
595874	4171863	4.40905	HOTL-IDL
595894	4171863	4.40297	HOTL-IDL
595194	4171883	3.47163	HOTL-IDL
595214	4171883	3.42349	HOTL-IDL
595234	4171883	3.36166	HOTL-IDL
595254	4171883	3.2883	HOTL-IDL
595274	4171883	3.20783	HOTL-IDL
595294	4171883	3.12535	HOTL-IDL
595314	4171883	3.03863	HOTL-IDL
595514	4171883	2.67465	HOTL-IDL
595534	4171883	2.69989	HOTL-IDL
595554	4171883	2.73889	HOTL-IDL
595574	4171883	2.80014	HOTL-IDL
595594	4171883	2.89492	HOTL-IDL
595614	4171883	3.01964	HOTL-IDL
595634	4171883	3.17783	HOTL-IDL
595654	4171883	3.37836	HOTL-IDL
595674	4171883	3.57542	HOTL-IDL
595694	4171883	3.81499	HOTL-IDL
595714	4171883	4.03004	HOTL-IDL
595734	4171883	4.23249	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4171883	4.4121	HOTL-IDL
595774	4171883	4.56729	HOTL-IDL
595794	4171883	4.68536	HOTL-IDL
595814	4171883	4.77661	HOTL-IDL
595834	4171883	4.8285	HOTL-IDL
595854	4171883	4.84756	HOTL-IDL
595874	4171883	4.83789	HOTL-IDL
595894	4171883	4.80107	HOTL-IDL
595174	4171903	3.9066	HOTL-IDL
595194	4171903	3.88005	HOTL-IDL
595214	4171903	3.8341	HOTL-IDL
595234	4171903	3.7771	HOTL-IDL
595254	4171903	3.70462	HOTL-IDL
595274	4171903	3.61818	HOTL-IDL
595294	4171903	3.52367	HOTL-IDL
595314	4171903	3.42707	HOTL-IDL
595514	4171903	2.9605	HOTL-IDL
595534	4171903	2.98896	HOTL-IDL
595554	4171903	3.04654	HOTL-IDL
595574	4171903	3.13837	HOTL-IDL
595594	4171903	3.26031	HOTL-IDL
595614	4171903	3.42177	HOTL-IDL
595634	4171903	3.61242	HOTL-IDL
595654	4171903	3.85053	HOTL-IDL
595674	4171903	4.10073	HOTL-IDL
595694	4171903	4.36174	HOTL-IDL
595714	4171903	4.59911	HOTL-IDL
595734	4171903	4.8384	HOTL-IDL
595754	4171903	5.02417	HOTL-IDL
595774	4171903	5.16792	HOTL-IDL
595794	4171903	5.27228	HOTL-IDL
595814	4171903	5.33664	HOTL-IDL
595834	4171903	5.35818	HOTL-IDL
595854	4171903	5.34343	HOTL-IDL
595874	4171903	5.29561	HOTL-IDL
595894	4171903	5.21951	HOTL-IDL
595914	4171903	5.11862	HOTL-IDL
595174	4171923	4.35643	HOTL-IDL
595194	4171923	4.345	HOTL-IDL
595214	4171923	4.31674	HOTL-IDL
595234	4171923	4.26521	HOTL-IDL
595254	4171923	4.19567	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595274	4171923	4.10988	HOTL-IDL
595294	4171923	4.002	HOTL-IDL
595534	4171923	3.34497	HOTL-IDL
595554	4171923	3.41748	HOTL-IDL
595574	4171923	3.53288	HOTL-IDL
595594	4171923	3.69616	HOTL-IDL
595614	4171923	3.90901	HOTL-IDL
595634	4171923	4.1621	HOTL-IDL
595654	4171923	4.44294	HOTL-IDL
595674	4171923	4.7444	HOTL-IDL
595694	4171923	5.0348	HOTL-IDL
595714	4171923	5.32767	HOTL-IDL
595734	4171923	5.53869	HOTL-IDL
595754	4171923	5.72243	HOTL-IDL
595774	4171923	5.85397	HOTL-IDL
595794	4171923	5.93132	HOTL-IDL
595814	4171923	5.95587	HOTL-IDL
595834	4171923	5.93412	HOTL-IDL
595854	4171923	5.8734	HOTL-IDL
595874	4171923	5.77718	HOTL-IDL
595894	4171923	5.65403	HOTL-IDL
595914	4171923	5.50927	HOTL-IDL
595154	4171943	4.84127	HOTL-IDL
595174	4171943	4.87046	HOTL-IDL
595194	4171943	4.88278	HOTL-IDL
595214	4171943	4.86899	HOTL-IDL
595234	4171943	4.83395	HOTL-IDL
595254	4171943	4.77835	HOTL-IDL
595274	4171943	4.69245	HOTL-IDL
595294	4171943	4.58465	HOTL-IDL
595534	4171943	3.77717	HOTL-IDL
595554	4171943	3.8691	HOTL-IDL
595574	4171943	4.0227	HOTL-IDL
595594	4171943	4.23654	HOTL-IDL
595614	4171943	4.51143	HOTL-IDL
595634	4171943	4.83417	HOTL-IDL
595654	4171943	5.18219	HOTL-IDL
595674	4171943	5.53756	HOTL-IDL
595694	4171943	5.86718	HOTL-IDL
595714	4171943	6.15499	HOTL-IDL
595734	4171943	6.3723	HOTL-IDL
595754	4171943	6.54799	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4171943	6.64628	HOTL-IDL
595794	4171943	6.64942	HOTL-IDL
595814	4171943	6.62664	HOTL-IDL
595834	4171943	6.55156	HOTL-IDL
595854	4171943	6.43424	HOTL-IDL
595874	4171943	6.27786	HOTL-IDL
595894	4171943	6.09709	HOTL-IDL
595914	4171943	5.8999	HOTL-IDL
595934	4171943	5.69142	HOTL-IDL
595154	4171963	5.38349	HOTL-IDL
595174	4171963	5.45045	HOTL-IDL
595194	4171963	5.49286	HOTL-IDL
595214	4171963	5.51238	HOTL-IDL
595234	4171963	5.49853	HOTL-IDL
595254	4171963	5.46997	HOTL-IDL
595274	4171963	5.39746	HOTL-IDL
595554	4171963	4.43026	HOTL-IDL
595574	4171963	4.63456	HOTL-IDL
595594	4171963	4.92268	HOTL-IDL
595614	4171963	5.28054	HOTL-IDL
595634	4171963	5.69135	HOTL-IDL
595654	4171963	6.11044	HOTL-IDL
595674	4171963	6.51603	HOTL-IDL
595694	4171963	6.88213	HOTL-IDL
595714	4171963	7.15917	HOTL-IDL
595734	4171963	7.35688	HOTL-IDL
595754	4171963	7.47873	HOTL-IDL
595774	4171963	7.51163	HOTL-IDL
595794	4171963	7.47287	HOTL-IDL
595814	4171963	7.36776	HOTL-IDL
595834	4171963	7.21375	HOTL-IDL
595854	4171963	7.01794	HOTL-IDL
595874	4171963	6.76514	HOTL-IDL
595894	4171963	6.53365	HOTL-IDL
595914	4171963	6.28638	HOTL-IDL
595934	4171963	6.02784	HOTL-IDL
595154	4171983	5.98126	HOTL-IDL
595174	4171983	6.09612	HOTL-IDL
595194	4171983	6.19071	HOTL-IDL
595214	4171983	6.25522	HOTL-IDL
595234	4171983	6.28877	HOTL-IDL
595254	4171983	6.27164	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4171983	5.41634	HOTL-IDL
595754	4172023	11.07943	HOTL-IDL
595774	4172023	10.70827	HOTL-IDL
595794	4172023	10.27632	HOTL-IDL
595814	4172023	9.79317	HOTL-IDL
595834	4172023	9.28982	HOTL-IDL
595714	4172043	13.38564	HOTL-IDL
595734	4172043	13.03011	HOTL-IDL
595754	4172043	12.51724	HOTL-IDL
595774	4172043	11.91026	HOTL-IDL
595794	4172043	11.26305	HOTL-IDL
595814	4172043	10.60492	HOTL-IDL
595834	4172043	9.95642	HOTL-IDL
595854	4172043	9.33058	HOTL-IDL
595874	4172043	8.73682	HOTL-IDL
595894	4172043	8.17927	HOTL-IDL
595914	4172043	7.659	HOTL-IDL
595934	4172043	7.18212	HOTL-IDL
595714	4172063	15.51332	HOTL-IDL
595734	4172063	14.81632	HOTL-IDL
595754	4172063	13.97316	HOTL-IDL
595774	4172063	13.09449	HOTL-IDL
595794	4172063	12.21998	HOTL-IDL
595814	4172063	11.37516	HOTL-IDL
595834	4172063	10.57579	HOTL-IDL
595854	4172063	9.82866	HOTL-IDL
595874	4172063	9.13723	HOTL-IDL
595894	4172063	8.50124	HOTL-IDL
595914	4172063	7.91749	HOTL-IDL
595934	4172063	7.38433	HOTL-IDL
595714	4172083	17.8088	HOTL-IDL
595734	4172083	16.63663	HOTL-IDL
595754	4172083	15.41571	HOTL-IDL
595774	4172083	14.23109	HOTL-IDL
595794	4172083	13.11306	HOTL-IDL
595814	4172083	12.07674	HOTL-IDL
595834	4172083	11.12691	HOTL-IDL
595854	4172083	10.26211	HOTL-IDL
595874	4172083	9.47872	HOTL-IDL
595894	4172083	8.77006	HOTL-IDL
595914	4172083	8.13009	HOTL-IDL
595934	4172083	7.55132	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595114	4172103	8.01921	HOTL-IDL
595134	4172103	8.67954	HOTL-IDL
595714	4172103	20.16367	HOTL-IDL
595734	4172103	18.41264	HOTL-IDL
595754	4172103	16.77211	HOTL-IDL
595774	4172103	15.26559	HOTL-IDL
595794	4172103	13.90229	HOTL-IDL
595814	4172103	12.67976	HOTL-IDL
595834	4172103	11.58806	HOTL-IDL
595854	4172103	10.61528	HOTL-IDL
595874	4172103	9.7487	HOTL-IDL
595894	4172103	8.97613	HOTL-IDL
595914	4172103	8.28671	HOTL-IDL
595934	4172103	7.67011	HOTL-IDL
595094	4172123	7.56043	HOTL-IDL
595114	4172123	8.19073	HOTL-IDL
595134	4172123	8.9066	HOTL-IDL
595694	4172123	24.95663	HOTL-IDL
595714	4172123	22.40353	HOTL-IDL
595734	4172123	20.0332	HOTL-IDL
595754	4172123	17.96211	HOTL-IDL
595774	4172123	16.14077	HOTL-IDL
595794	4172123	14.54705	HOTL-IDL
595814	4172123	13.15448	HOTL-IDL
595834	4172123	11.93751	HOTL-IDL
595854	4172123	10.87157	HOTL-IDL
595874	4172123	9.93503	HOTL-IDL
595894	4172123	9.11044	HOTL-IDL
595914	4172123	8.38142	HOTL-IDL
595934	4172123	7.73486	HOTL-IDL
595094	4172143	7.57538	HOTL-IDL
595114	4172143	8.24179	HOTL-IDL
595134	4172143	9.00323	HOTL-IDL
595694	4172143	27.78301	HOTL-IDL
595714	4172143	24.28238	HOTL-IDL
595734	4172143	21.37427	HOTL-IDL
595754	4172143	18.90012	HOTL-IDL
595774	4172143	16.79756	HOTL-IDL
595794	4172143	15.00563	HOTL-IDL
595814	4172143	13.4723	HOTL-IDL
595834	4172143	12.15451	HOTL-IDL
595854	4172143	11.01616	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4172143	10.02746	HOTL-IDL
595894	4172143	9.16515	HOTL-IDL
595914	4172143	8.40856	HOTL-IDL
595934	4172143	7.74194	HOTL-IDL
595094	4172163	7.41619	HOTL-IDL
595114	4172163	8.10416	HOTL-IDL
595134	4172163	8.89095	HOTL-IDL
595154	4172163	9.81206	HOTL-IDL
595614	4172163	57.09524	HOTL-IDL
595634	4172163	48.87868	HOTL-IDL
595654	4172163	41.46483	HOTL-IDL
595674	4172163	35.01004	HOTL-IDL
595694	4172163	29.89442	HOTL-IDL
595714	4172163	25.722	HOTL-IDL
595734	4172163	22.3097	HOTL-IDL
595754	4172163	19.50443	HOTL-IDL
595774	4172163	17.18182	HOTL-IDL
595794	4172163	15.24223	HOTL-IDL
595814	4172163	13.60903	HOTL-IDL
595834	4172163	12.22314	HOTL-IDL
595854	4172163	11.03811	HOTL-IDL
595874	4172163	10.01874	HOTL-IDL
595894	4172163	9.13551	HOTL-IDL
595914	4172163	8.36502	HOTL-IDL
595074	4172183	6.44566	HOTL-IDL
595094	4172183	7.03565	HOTL-IDL
595114	4172183	7.7118	HOTL-IDL
595134	4172183	8.49141	HOTL-IDL
595154	4172183	9.3952	HOTL-IDL
595614	4172183	69.6581	HOTL-IDL
595634	4172183	56.16462	HOTL-IDL
595654	4172183	45.30007	HOTL-IDL
595674	4172183	37.36246	HOTL-IDL
595694	4172183	31.25431	HOTL-IDL
595714	4172183	26.49492	HOTL-IDL
595734	4172183	22.72868	HOTL-IDL
595754	4172183	19.70816	HOTL-IDL
595774	4172183	17.25308	HOTL-IDL
595794	4172183	15.2319	HOTL-IDL
595814	4172183	13.54954	HOTL-IDL
595834	4172183	12.13438	HOTL-IDL
595854	4172183	10.93263	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4172183	9.90677	HOTL-IDL
595894	4172183	9.02062	HOTL-IDL
595914	4172183	8.2508	HOTL-IDL
595074	4172203	5.91185	HOTL-IDL
595094	4172203	6.45402	HOTL-IDL
595114	4172203	7.0748	HOTL-IDL
595134	4172203	7.79531	HOTL-IDL
595154	4172203	8.6335	HOTL-IDL
595594	4172203	106.80813	HOTL-IDL
595614	4172203	78.15715	HOTL-IDL
595634	4172203	60.04425	HOTL-IDL
595654	4172203	47.21715	HOTL-IDL
595674	4172203	38.17895	HOTL-IDL
595694	4172203	31.51595	HOTL-IDL
595714	4172203	26.47331	HOTL-IDL
595734	4172203	22.56474	HOTL-IDL
595754	4172203	19.47734	HOTL-IDL
595774	4172203	16.9949	HOTL-IDL
595794	4172203	14.96831	HOTL-IDL
595814	4172203	13.29221	HOTL-IDL
595834	4172203	11.88825	HOTL-IDL
595854	4172203	10.70202	HOTL-IDL
595874	4172203	9.69373	HOTL-IDL
595894	4172203	8.82351	HOTL-IDL
595914	4172203	8.06892	HOTL-IDL
595074	4172223	5.26838	HOTL-IDL
595094	4172223	5.74218	HOTL-IDL
595114	4172223	6.27228	HOTL-IDL
595134	4172223	6.8927	HOTL-IDL
595154	4172223	7.60831	HOTL-IDL
595594	4172223	114.33667	HOTL-IDL
595614	4172223	80.73268	HOTL-IDL
595634	4172223	59.53935	HOTL-IDL
595654	4172223	46.38876	HOTL-IDL
595674	4172223	37.22771	HOTL-IDL
595694	4172223	30.59717	HOTL-IDL
595714	4172223	25.63772	HOTL-IDL
595734	4172223	21.82326	HOTL-IDL
595754	4172223	18.82622	HOTL-IDL
595774	4172223	16.42396	HOTL-IDL
595794	4172223	14.46793	HOTL-IDL
595814	4172223	12.85283	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172223	11.50112	HOTL-IDL
595854	4172223	10.36055	HOTL-IDL
595874	4172223	9.38926	HOTL-IDL
595894	4172223	8.55195	HOTL-IDL
595054	4172243	4.26481	HOTL-IDL
595074	4172243	4.6041	HOTL-IDL
595094	4172243	4.99288	HOTL-IDL
595114	4172243	5.42431	HOTL-IDL
595134	4172243	5.92712	HOTL-IDL
595154	4172243	6.51407	HOTL-IDL
595594	4172243	103.45493	HOTL-IDL
595614	4172243	73.5727	HOTL-IDL
595634	4172243	54.89642	HOTL-IDL
595654	4172243	43.03195	HOTL-IDL
595674	4172243	34.71722	HOTL-IDL
595694	4172243	28.66316	HOTL-IDL
595714	4172243	24.11391	HOTL-IDL
595734	4172243	20.5988	HOTL-IDL
595754	4172243	17.8253	HOTL-IDL
595774	4172243	15.59417	HOTL-IDL
595794	4172243	13.77093	HOTL-IDL
595814	4172243	12.26055	HOTL-IDL
595834	4172243	10.99432	HOTL-IDL
595854	4172243	9.92479	HOTL-IDL
595874	4172243	9.0093	HOTL-IDL
595894	4172243	8.21877	HOTL-IDL
595054	4172263	3.71396	HOTL-IDL
595074	4172263	3.98972	HOTL-IDL
595094	4172263	4.29782	HOTL-IDL
595114	4172263	4.63409	HOTL-IDL
595134	4172263	5.04046	HOTL-IDL
595154	4172263	5.49059	HOTL-IDL
595594	4172263	84.68532	HOTL-IDL
595614	4172263	62.46745	HOTL-IDL
595634	4172263	48.02699	HOTL-IDL
595654	4172263	38.30132	HOTL-IDL
595674	4172263	31.31369	HOTL-IDL
595694	4172263	26.12719	HOTL-IDL
595714	4172263	22.16573	HOTL-IDL
595734	4172263	19.06824	HOTL-IDL
595754	4172263	16.59722	HOTL-IDL
595774	4172263	14.59166	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172263	12.94051	HOTL-IDL
595814	4172263	11.56468	HOTL-IDL
595834	4172263	10.40507	HOTL-IDL
595854	4172263	9.42172	HOTL-IDL
595874	4172263	8.57482	HOTL-IDL
595894	4172263	7.84077	HOTL-IDL
595054	4172283	3.2361	HOTL-IDL
595074	4172283	3.45907	HOTL-IDL
595094	4172283	3.6989	HOTL-IDL
595114	4172283	3.97236	HOTL-IDL
595134	4172283	4.28932	HOTL-IDL
595154	4172283	4.63637	HOTL-IDL
595174	4172283	5.0383	HOTL-IDL
595574	4172283	91.99931	HOTL-IDL
595594	4172283	69.12783	HOTL-IDL
595614	4172283	52.87194	HOTL-IDL
595634	4172283	41.55504	HOTL-IDL
595654	4172283	33.66591	HOTL-IDL
595674	4172283	27.88478	HOTL-IDL
595694	4172283	23.51705	HOTL-IDL
595714	4172283	20.13313	HOTL-IDL
595734	4172283	17.4548	HOTL-IDL
595754	4172283	15.29527	HOTL-IDL
595774	4172283	13.52446	HOTL-IDL
595794	4172283	12.05592	HOTL-IDL
595814	4172283	10.82156	HOTL-IDL
595834	4172283	9.77555	HOTL-IDL
595854	4172283	8.88406	HOTL-IDL
595874	4172283	8.11106	HOTL-IDL
595894	4172283	7.43784	HOTL-IDL
595034	4172303	2.67935	HOTL-IDL
595054	4172303	2.84487	HOTL-IDL
595074	4172303	3.02715	HOTL-IDL
595094	4172303	3.21776	HOTL-IDL
595114	4172303	3.44974	HOTL-IDL
595134	4172303	3.69801	HOTL-IDL
595154	4172303	3.97922	HOTL-IDL
595174	4172303	4.30029	HOTL-IDL
595574	4172303	69.32673	HOTL-IDL
595594	4172303	56.1141	HOTL-IDL
595614	4172303	45.05565	HOTL-IDL
595634	4172303	36.43094	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172303	29.9304	HOTL-IDL
595674	4172303	25.0198	HOTL-IDL
595694	4172303	21.25585	HOTL-IDL
595714	4172303	18.31379	HOTL-IDL
595734	4172303	15.96909	HOTL-IDL
595754	4172303	14.06846	HOTL-IDL
595774	4172303	12.50069	HOTL-IDL
595794	4172303	11.19486	HOTL-IDL
595814	4172303	10.08985	HOTL-IDL
595834	4172303	9.1509	HOTL-IDL
595854	4172303	8.3465	HOTL-IDL
595874	4172303	7.6448	HOTL-IDL
595034	4172323	2.39253	HOTL-IDL
595054	4172323	2.53356	HOTL-IDL
595074	4172323	2.68498	HOTL-IDL
595094	4172323	2.84738	HOTL-IDL
595114	4172323	3.03756	HOTL-IDL
595134	4172323	3.25162	HOTL-IDL
595154	4172323	3.48934	HOTL-IDL
595174	4172323	3.76003	HOTL-IDL
595574	4172323	52.12701	HOTL-IDL
595594	4172323	44.97456	HOTL-IDL
595614	4172323	38.10479	HOTL-IDL
595634	4172323	31.99278	HOTL-IDL
595654	4172323	26.88167	HOTL-IDL
595674	4172323	22.76085	HOTL-IDL
595694	4172323	19.47097	HOTL-IDL
595714	4172323	16.84478	HOTL-IDL
595734	4172323	14.73588	HOTL-IDL
595754	4172323	13.0205	HOTL-IDL
595774	4172323	11.6039	HOTL-IDL
595794	4172323	10.42166	HOTL-IDL
595814	4172323	9.42375	HOTL-IDL
595834	4172323	8.57212	HOTL-IDL
595854	4172323	7.84046	HOTL-IDL
595874	4172323	7.20099	HOTL-IDL
595034	4172343	2.1645	HOTL-IDL
595054	4172343	2.28772	HOTL-IDL
595074	4172343	2.42294	HOTL-IDL
595094	4172343	2.57082	HOTL-IDL
595114	4172343	2.73215	HOTL-IDL
595134	4172343	2.91683	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595154	4172343	3.1282	HOTL-IDL
595574	4172343	39.70001	HOTL-IDL
595594	4172343	36.15651	HOTL-IDL
595614	4172343	31.84035	HOTL-IDL
595634	4172343	27.73729	HOTL-IDL
595654	4172343	23.97776	HOTL-IDL
595674	4172343	20.70586	HOTL-IDL
595694	4172343	17.94834	HOTL-IDL
595714	4172343	15.65509	HOTL-IDL
595734	4172343	13.75014	HOTL-IDL
595754	4172343	12.17646	HOTL-IDL
595774	4172343	10.87011	HOTL-IDL
595794	4172343	9.77689	HOTL-IDL
595814	4172343	8.85406	HOTL-IDL
595834	4172343	8.06904	HOTL-IDL
595854	4172343	7.39077	HOTL-IDL
595874	4172343	6.79933	HOTL-IDL
595554	4172363	31.01903	HOTL-IDL
595574	4172363	30.68841	HOTL-IDL
595594	4172363	29.10618	HOTL-IDL
595614	4172363	26.74359	HOTL-IDL
595634	4172363	24.06873	HOTL-IDL
595654	4172363	21.35048	HOTL-IDL
595674	4172363	18.81414	HOTL-IDL
595694	4172363	16.55191	HOTL-IDL
595714	4172363	14.58263	HOTL-IDL
595734	4172363	12.89853	HOTL-IDL
595754	4172363	11.4782	HOTL-IDL
595774	4172363	10.27526	HOTL-IDL
595794	4172363	9.25924	HOTL-IDL
595814	4172363	8.38921	HOTL-IDL
595834	4172363	7.65049	HOTL-IDL
595854	4172363	7.0097	HOTL-IDL
595874	4172363	6.45324	HOTL-IDL
595554	4172383	24.04099	HOTL-IDL
595574	4172383	24.13114	HOTL-IDL
595594	4172383	23.58532	HOTL-IDL
595614	4172383	22.24806	HOTL-IDL
595634	4172383	20.59111	HOTL-IDL
595654	4172383	18.79468	HOTL-IDL
595674	4172383	16.98461	HOTL-IDL
595694	4172383	15.24743	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172383	13.63064	HOTL-IDL
595734	4172383	12.16568	HOTL-IDL
595754	4172383	10.88149	HOTL-IDL
595774	4172383	9.77339	HOTL-IDL
595794	4172383	8.82328	HOTL-IDL
595814	4172383	8.00561	HOTL-IDL
595834	4172383	7.30324	HOTL-IDL
595854	4172383	6.6972	HOTL-IDL
595554	4172403	19.33298	HOTL-IDL
595574	4172403	19.47916	HOTL-IDL
595594	4172403	19.37941	HOTL-IDL
595614	4172403	18.62385	HOTL-IDL
595634	4172403	17.58751	HOTL-IDL
595654	4172403	16.38887	HOTL-IDL
595674	4172403	15.1157	HOTL-IDL
595694	4172403	13.83104	HOTL-IDL
595714	4172403	12.58528	HOTL-IDL
595734	4172403	11.40916	HOTL-IDL
595754	4172403	10.32538	HOTL-IDL
595774	4172403	9.34517	HOTL-IDL
595794	4172403	8.46563	HOTL-IDL
595814	4172403	7.6918	HOTL-IDL
595834	4172403	7.01936	HOTL-IDL
595854	4172403	6.4344	HOTL-IDL
595074	4172423	1.82733	HOTL-IDL
595094	4172423	1.94189	HOTL-IDL
595554	4172423	15.89418	HOTL-IDL
595574	4172423	16.13011	HOTL-IDL
595594	4172423	16.14964	HOTL-IDL
595614	4172423	15.73532	HOTL-IDL
595634	4172423	15.08488	HOTL-IDL
595654	4172423	14.28267	HOTL-IDL
595674	4172423	13.38806	HOTL-IDL
595694	4172423	12.45346	HOTL-IDL
595714	4172423	11.51122	HOTL-IDL
595734	4172423	10.58756	HOTL-IDL
595754	4172423	9.70269	HOTL-IDL
595774	4172423	8.87176	HOTL-IDL
595794	4172423	8.10547	HOTL-IDL
595814	4172423	7.41133	HOTL-IDL
595834	4172423	6.78798	HOTL-IDL
595854	4172423	6.23378	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595074	4172443	1.74414	HOTL-IDL
595094	4172443	1.85487	HOTL-IDL
595114	4172443	1.97774	HOTL-IDL
595134	4172443	2.1155	HOTL-IDL
595534	4172443	12.49138	HOTL-IDL
595554	4172443	13.18419	HOTL-IDL
595574	4172443	13.56287	HOTL-IDL
595594	4172443	13.63634	HOTL-IDL
595614	4172443	13.42612	HOTL-IDL
595634	4172443	13.02285	HOTL-IDL
595654	4172443	12.48364	HOTL-IDL
595674	4172443	11.85283	HOTL-IDL
595694	4172443	11.17043	HOTL-IDL
595714	4172443	10.4647	HOTL-IDL
595734	4172443	9.75217	HOTL-IDL
595754	4172443	9.04739	HOTL-IDL
595774	4172443	8.365	HOTL-IDL
595794	4172443	7.71488	HOTL-IDL
595814	4172443	7.10723	HOTL-IDL
595834	4172443	6.54566	HOTL-IDL
595854	4172443	6.03376	HOTL-IDL
595054	4172463	1.58019	HOTL-IDL
595074	4172463	1.67541	HOTL-IDL
595094	4172463	1.78066	HOTL-IDL
595114	4172463	1.89715	HOTL-IDL
595534	4172463	10.55708	HOTL-IDL
595554	4172463	11.07123	HOTL-IDL
595574	4172463	11.46138	HOTL-IDL
595594	4172463	11.64938	HOTL-IDL
595614	4172463	11.56737	HOTL-IDL
595634	4172463	11.32306	HOTL-IDL
595654	4172463	10.9625	HOTL-IDL
595674	4172463	10.51657	HOTL-IDL
595694	4172463	10.01638	HOTL-IDL
595714	4172463	9.48326	HOTL-IDL
595734	4172463	8.93478	HOTL-IDL
595754	4172463	8.38103	HOTL-IDL
595774	4172463	7.83197	HOTL-IDL
595794	4172463	7.29512	HOTL-IDL
595814	4172463	6.77883	HOTL-IDL
595834	4172463	6.28867	HOTL-IDL
595054	4172483	1.51626	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595074	4172483	1.61416	HOTL-IDL
595094	4172483	1.71415	HOTL-IDL
595114	4172483	1.82294	HOTL-IDL
595534	4172483	9.09428	HOTL-IDL
595554	4172483	9.4965	HOTL-IDL
595574	4172483	9.8736	HOTL-IDL
595594	4172483	10.05052	HOTL-IDL
595614	4172483	10.03172	HOTL-IDL
595634	4172483	9.90393	HOTL-IDL
595654	4172483	9.67291	HOTL-IDL
595674	4172483	9.35991	HOTL-IDL
595694	4172483	8.99208	HOTL-IDL
595714	4172483	8.58864	HOTL-IDL
595734	4172483	8.16412	HOTL-IDL
595754	4172483	7.72972	HOTL-IDL
595774	4172483	7.29166	HOTL-IDL
595794	4172483	6.85529	HOTL-IDL
595814	4172483	6.42566	HOTL-IDL
595834	4172483	6.00818	HOTL-IDL
595034	4172503	1.393	HOTL-IDL
595054	4172503	1.46966	HOTL-IDL
595074	4172503	1.556	HOTL-IDL
595094	4172503	1.64969	HOTL-IDL
595114	4172503	1.75182	HOTL-IDL
595534	4172503	7.92225	HOTL-IDL
595554	4172503	8.25673	HOTL-IDL
595574	4172503	8.59742	HOTL-IDL
595594	4172503	8.76507	HOTL-IDL
595614	4172503	8.79714	HOTL-IDL
595634	4172503	8.7327	HOTL-IDL
595654	4172503	8.57745	HOTL-IDL
595674	4172503	8.33515	HOTL-IDL
595694	4172503	8.08969	HOTL-IDL
595714	4172503	7.78376	HOTL-IDL
595734	4172503	7.45582	HOTL-IDL
595754	4172503	7.11165	HOTL-IDL
595774	4172503	6.76284	HOTL-IDL
595794	4172503	6.41032	HOTL-IDL
595814	4172503	6.05715	HOTL-IDL
595834	4172503	5.70791	HOTL-IDL
595034	4172523	1.34874	HOTL-IDL
595054	4172523	1.4233	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595074	4172523	1.5034	HOTL-IDL
595094	4172523	1.58695	HOTL-IDL
595514	4172523	6.53728	HOTL-IDL
595534	4172523	6.92957	HOTL-IDL
595554	4172523	7.27979	HOTL-IDL
595574	4172523	7.53922	HOTL-IDL
595594	4172523	7.58414	HOTL-IDL
595614	4172523	7.7252	HOTL-IDL
595634	4172523	7.772	HOTL-IDL
595654	4172523	7.64253	HOTL-IDL
595674	4172523	7.50315	HOTL-IDL
595694	4172523	7.29001	HOTL-IDL
595714	4172523	7.05858	HOTL-IDL
595734	4172523	6.80618	HOTL-IDL
595754	4172523	6.53869	HOTL-IDL
595774	4172523	6.25962	HOTL-IDL
595794	4172523	5.97513	HOTL-IDL
595814	4172523	5.68543	HOTL-IDL
595834	4172523	5.39577	HOTL-IDL
595034	4172543	1.30574	HOTL-IDL
595054	4172543	1.37526	HOTL-IDL
595074	4172543	1.44841	HOTL-IDL
595094	4172543	1.52687	HOTL-IDL
595514	4172543	5.80276	HOTL-IDL
595534	4172543	6.11841	HOTL-IDL
595554	4172543	6.44295	HOTL-IDL
595574	4172543	6.58545	HOTL-IDL
595594	4172543	6.71123	HOTL-IDL
595614	4172543	6.80203	HOTL-IDL
595634	4172543	6.88971	HOTL-IDL
595654	4172543	6.8844	HOTL-IDL
595674	4172543	6.66891	HOTL-IDL
595694	4172543	6.55675	HOTL-IDL
595714	4172543	6.44327	HOTL-IDL
595734	4172543	6.22769	HOTL-IDL
595754	4172543	6.01464	HOTL-IDL
595774	4172543	5.78141	HOTL-IDL
595794	4172543	5.56009	HOTL-IDL
595814	4172543	5.32205	HOTL-IDL
595014	4172563	1.20382	HOTL-IDL
595034	4172563	1.26352	HOTL-IDL
595054	4172563	1.32682	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595074	4172563	1.39333	HOTL-IDL
595094	4172563	1.46486	HOTL-IDL
595514	4172563	5.21434	HOTL-IDL
595534	4172563	5.47665	HOTL-IDL
595554	4172563	5.76518	HOTL-IDL
595574	4172563	5.8462	HOTL-IDL
595594	4172563	5.98475	HOTL-IDL
595614	4172563	6.09465	HOTL-IDL
595634	4172563	6.23449	HOTL-IDL
595654	4172563	6.15169	HOTL-IDL
595674	4172563	6.03884	HOTL-IDL
595694	4172563	5.93238	HOTL-IDL
595714	4172563	5.80024	HOTL-IDL
595734	4172563	5.67457	HOTL-IDL
595754	4172563	5.54005	HOTL-IDL
595774	4172563	5.35268	HOTL-IDL
595794	4172563	5.17287	HOTL-IDL
595814	4172563	4.97519	HOTL-IDL
595014	4172583	1.16597	HOTL-IDL
595034	4172583	1.22056	HOTL-IDL
595054	4172583	1.27873	HOTL-IDL
595074	4172583	1.33933	HOTL-IDL
595494	4172583	4.4314	HOTL-IDL
595514	4172583	4.69453	HOTL-IDL
595534	4172583	4.92904	HOTL-IDL
595554	4172583	5.10635	HOTL-IDL
595574	4172583	5.24449	HOTL-IDL
595594	4172583	5.38923	HOTL-IDL
595614	4172583	5.5367	HOTL-IDL
595634	4172583	5.6323	HOTL-IDL
595654	4172583	5.54412	HOTL-IDL
595674	4172583	5.49462	HOTL-IDL
595694	4172583	5.41619	HOTL-IDL
595714	4172583	5.31471	HOTL-IDL
595734	4172583	5.23144	HOTL-IDL
595754	4172583	5.11595	HOTL-IDL
595774	4172583	4.97262	HOTL-IDL
595794	4172583	4.81393	HOTL-IDL
595814	4172583	4.64956	HOTL-IDL
595034	4172603	1.17878	HOTL-IDL
595054	4172603	1.23133	HOTL-IDL
595074	4172603	1.28709	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595494	4172603	4.02934	HOTL-IDL
595514	4172603	4.23443	HOTL-IDL
595534	4172603	4.46113	HOTL-IDL
595554	4172603	4.61706	HOTL-IDL
595574	4172603	4.73786	HOTL-IDL
595594	4172603	4.88161	HOTL-IDL
595614	4172603	5.0691	HOTL-IDL
595634	4172603	5.09911	HOTL-IDL
595654	4172603	5.04856	HOTL-IDL
595674	4172603	5.01885	HOTL-IDL
595694	4172603	4.96184	HOTL-IDL
595714	4172603	4.88353	HOTL-IDL
595734	4172603	4.84686	HOTL-IDL
595754	4172603	4.72705	HOTL-IDL
595774	4172603	4.61505	HOTL-IDL
595794	4172603	4.48357	HOTL-IDL
595474	4172623	3.48789	HOTL-IDL
595494	4172623	3.69456	HOTL-IDL
595514	4172623	3.86609	HOTL-IDL
595534	4172623	4.05872	HOTL-IDL
595554	4172623	4.23083	HOTL-IDL
595574	4172623	4.3929	HOTL-IDL
595594	4172623	4.49616	HOTL-IDL
595614	4172623	4.60184	HOTL-IDL
595634	4172623	4.66178	HOTL-IDL
595654	4172623	4.67717	HOTL-IDL
595674	4172623	4.62968	HOTL-IDL
595694	4172623	4.56126	HOTL-IDL
595714	4172623	4.51266	HOTL-IDL
595734	4172623	4.47121	HOTL-IDL
595754	4172623	4.38728	HOTL-IDL
595774	4172623	4.28933	HOTL-IDL
595794	4172623	4.18054	HOTL-IDL
595814	4172623	4.06479	HOTL-IDL
595474	4172643	3.2088	HOTL-IDL
595494	4172643	3.36626	HOTL-IDL
595514	4172643	3.54697	HOTL-IDL
595534	4172643	3.70532	HOTL-IDL
595554	4172643	3.85716	HOTL-IDL
595574	4172643	3.9911	HOTL-IDL
595594	4172643	4.10911	HOTL-IDL
595614	4172643	4.20378	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172643	4.20762	HOTL-IDL
595654	4172643	4.26566	HOTL-IDL
595674	4172643	4.28367	HOTL-IDL
595694	4172643	4.25375	HOTL-IDL
595714	4172643	4.20566	HOTL-IDL
595734	4172643	4.1413	HOTL-IDL
595754	4172643	4.07487	HOTL-IDL
595774	4172643	3.99233	HOTL-IDL
595794	4172643	3.90224	HOTL-IDL
595814	4172643	3.80549	HOTL-IDL
595474	4172663	2.96596	HOTL-IDL
595494	4172663	3.10537	HOTL-IDL
595514	4172663	3.26036	HOTL-IDL
595534	4172663	3.40063	HOTL-IDL
595554	4172663	3.53505	HOTL-IDL
595574	4172663	3.65687	HOTL-IDL
595594	4172663	3.76667	HOTL-IDL
595614	4172663	3.81874	HOTL-IDL
595634	4172663	3.8588	HOTL-IDL
595654	4172663	3.89651	HOTL-IDL
595674	4172663	3.89865	HOTL-IDL
595694	4172663	3.91277	HOTL-IDL
595714	4172663	3.88957	HOTL-IDL
595734	4172663	3.84483	HOTL-IDL
595754	4172663	3.79094	HOTL-IDL
595774	4172663	3.72205	HOTL-IDL
595794	4172663	3.64761	HOTL-IDL
595814	4172663	3.56697	HOTL-IDL
595454	4172683	2.61707	HOTL-IDL
595474	4172683	2.74718	HOTL-IDL
595494	4172683	2.87777	HOTL-IDL
595514	4172683	3.0101	HOTL-IDL
595534	4172683	3.13452	HOTL-IDL
595554	4172683	3.25441	HOTL-IDL
595574	4172683	3.36569	HOTL-IDL
595594	4172683	3.4733	HOTL-IDL
595614	4172683	3.50182	HOTL-IDL
595634	4172683	3.56276	HOTL-IDL
595654	4172683	3.60028	HOTL-IDL
595674	4172683	3.60931	HOTL-IDL
595694	4172683	3.63825	HOTL-IDL
595714	4172683	3.61701	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172683	3.58187	HOTL-IDL
595754	4172683	3.5317	HOTL-IDL
595774	4172683	3.47023	HOTL-IDL
595794	4172683	3.41115	HOTL-IDL
595814	4172683	3.34468	HOTL-IDL
595474	4172703	2.55247	HOTL-IDL
595494	4172703	2.66396	HOTL-IDL
595514	4172703	2.77987	HOTL-IDL
595534	4172703	2.89801	HOTL-IDL
595554	4172703	3.00818	HOTL-IDL
595574	4172703	3.10826	HOTL-IDL
595594	4172703	3.18667	HOTL-IDL
595614	4172703	3.23579	HOTL-IDL
595634	4172703	3.29674	HOTL-IDL
595654	4172703	3.33308	HOTL-IDL
595674	4172703	3.35508	HOTL-IDL
595694	4172703	3.38486	HOTL-IDL
595714	4172703	3.36442	HOTL-IDL
595734	4172703	3.34028	HOTL-IDL
595754	4172703	3.29896	HOTL-IDL
595774	4172703	3.2506	HOTL-IDL
595794	4172703	3.19764	HOTL-IDL
595814	4172703	3.14058	HOTL-IDL
595834	4172703	3.08091	HOTL-IDL
595294	4172723	1.58305	HOTL-IDL
595314	4172723	1.64674	HOTL-IDL
595514	4172723	2.58895	HOTL-IDL
595534	4172723	2.68459	HOTL-IDL
595554	4172723	2.78071	HOTL-IDL
595574	4172723	2.87802	HOTL-IDL
595594	4172723	2.96539	HOTL-IDL
595614	4172723	3.01479	HOTL-IDL
595634	4172723	3.05983	HOTL-IDL
595654	4172723	3.0972	HOTL-IDL
595674	4172723	3.13612	HOTL-IDL
595694	4172723	3.1524	HOTL-IDL
595714	4172723	3.14467	HOTL-IDL
595734	4172723	3.12212	HOTL-IDL
595754	4172723	3.0855	HOTL-IDL
595774	4172723	3.0459	HOTL-IDL
595794	4172723	2.98986	HOTL-IDL
595814	4172723	2.94438	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595834	4172723	2.89595	HOTL-IDL
595294	4172743	1.50222	HOTL-IDL
595314	4172743	1.5614	HOTL-IDL
595334	4172743	1.62869	HOTL-IDL
595354	4172743	1.70611	HOTL-IDL
595374	4172743	1.78586	HOTL-IDL
595534	4172743	2.5068	HOTL-IDL
595554	4172743	2.59264	HOTL-IDL
595574	4172743	2.67209	HOTL-IDL
595594	4172743	2.74986	HOTL-IDL
595614	4172743	2.81945	HOTL-IDL
595634	4172743	2.87815	HOTL-IDL
595654	4172743	2.90024	HOTL-IDL
595674	4172743	2.9385	HOTL-IDL
595694	4172743	2.94251	HOTL-IDL
595714	4172743	2.94068	HOTL-IDL
595734	4172743	2.92368	HOTL-IDL
595754	4172743	2.89343	HOTL-IDL
595774	4172743	2.85156	HOTL-IDL
595794	4172743	2.81532	HOTL-IDL
595814	4172743	2.77692	HOTL-IDL
595834	4172743	2.73496	HOTL-IDL
595274	4172763	1.37799	HOTL-IDL
595294	4172763	1.42845	HOTL-IDL
595314	4172763	1.48344	HOTL-IDL
595334	4172763	1.54647	HOTL-IDL
595354	4172763	1.6173	HOTL-IDL
595374	4172763	1.68838	HOTL-IDL
595394	4172763	1.76679	HOTL-IDL
595414	4172763	1.84764	HOTL-IDL
595534	4172763	2.34019	HOTL-IDL
595554	4172763	2.4191	HOTL-IDL
595574	4172763	2.49527	HOTL-IDL
595594	4172763	2.5651	HOTL-IDL
595614	4172763	2.62465	HOTL-IDL
595634	4172763	2.67469	HOTL-IDL
595654	4172763	2.71527	HOTL-IDL
595674	4172763	2.74172	HOTL-IDL
595694	4172763	2.75198	HOTL-IDL
595714	4172763	2.75342	HOTL-IDL
595734	4172763	2.74146	HOTL-IDL
595754	4172763	2.71805	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595774	4172763	2.68716	HOTL-IDL
595794	4172763	2.65621	HOTL-IDL
595814	4172763	2.62289	HOTL-IDL
594934	4172783	0.72847	HOTL-IDL
594954	4172783	0.75048	HOTL-IDL
594974	4172783	0.77479	HOTL-IDL
595274	4172783	1.31188	HOTL-IDL
595294	4172783	1.35982	HOTL-IDL
595314	4172783	1.41405	HOTL-IDL
595334	4172783	1.47234	HOTL-IDL
595354	4172783	1.53323	HOTL-IDL
595374	4172783	1.59966	HOTL-IDL
595394	4172783	1.67011	HOTL-IDL
595414	4172783	1.74303	HOTL-IDL
595434	4172783	1.8176	HOTL-IDL
595454	4172783	1.89364	HOTL-IDL
595514	4172783	2.11716	HOTL-IDL
595534	4172783	2.19076	HOTL-IDL
595554	4172783	2.26249	HOTL-IDL
595574	4172783	2.33264	HOTL-IDL
595594	4172783	2.39647	HOTL-IDL
595614	4172783	2.4547	HOTL-IDL
595634	4172783	2.50293	HOTL-IDL
595654	4172783	2.54031	HOTL-IDL
595674	4172783	2.56388	HOTL-IDL
595694	4172783	2.57693	HOTL-IDL
595714	4172783	2.58503	HOTL-IDL
595734	4172783	2.57895	HOTL-IDL
595754	4172783	2.56377	HOTL-IDL
595774	4172783	2.54323	HOTL-IDL
595794	4172783	2.51772	HOTL-IDL
595814	4172783	2.4847	HOTL-IDL
594894	4172803	0.66578	HOTL-IDL
594914	4172803	0.68552	HOTL-IDL
594934	4172803	0.70665	HOTL-IDL
594954	4172803	0.72857	HOTL-IDL
594974	4172803	0.75225	HOTL-IDL
595274	4172803	1.25045	HOTL-IDL
595294	4172803	1.29505	HOTL-IDL
595314	4172803	1.34571	HOTL-IDL
595334	4172803	1.4022	HOTL-IDL
595354	4172803	1.45882	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595374	4172803	1.51963	HOTL-IDL
595394	4172803	1.5834	HOTL-IDL
595414	4172803	1.64951	HOTL-IDL
595434	4172803	1.71624	HOTL-IDL
595454	4172803	1.78373	HOTL-IDL
595474	4172803	1.85264	HOTL-IDL
595494	4172803	1.92173	HOTL-IDL
595514	4172803	1.98994	HOTL-IDL
595534	4172803	2.05638	HOTL-IDL
595554	4172803	2.12144	HOTL-IDL
595574	4172803	2.18552	HOTL-IDL
595594	4172803	2.24422	HOTL-IDL
595614	4172803	2.29888	HOTL-IDL
595634	4172803	2.34554	HOTL-IDL
595654	4172803	2.38246	HOTL-IDL
595674	4172803	2.40856	HOTL-IDL
595694	4172803	2.42133	HOTL-IDL
595714	4172803	2.42418	HOTL-IDL
595734	4172803	2.42219	HOTL-IDL
595754	4172803	2.41145	HOTL-IDL
595774	4172803	2.39469	HOTL-IDL
595794	4172803	2.37254	HOTL-IDL
595814	4172803	2.34699	HOTL-IDL
594874	4172823	0.62881	HOTL-IDL
594894	4172823	0.64711	HOTL-IDL
594914	4172823	0.66629	HOTL-IDL
594934	4172823	0.6865	HOTL-IDL
594954	4172823	0.70781	HOTL-IDL
595254	4172823	1.15575	HOTL-IDL
595274	4172823	1.19412	HOTL-IDL
595294	4172823	1.23678	HOTL-IDL
595314	4172823	1.2851	HOTL-IDL
595334	4172823	1.33571	HOTL-IDL
595354	4172823	1.38907	HOTL-IDL
595374	4172823	1.44613	HOTL-IDL
595394	4172823	1.50431	HOTL-IDL
595414	4172823	1.56371	HOTL-IDL
595434	4172823	1.62456	HOTL-IDL
595454	4172823	1.68583	HOTL-IDL
595474	4172823	1.74716	HOTL-IDL
595494	4172823	1.80944	HOTL-IDL
595514	4172823	1.87155	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172823	1.93348	HOTL-IDL
595554	4172823	1.99419	HOTL-IDL
595574	4172823	2.0527	HOTL-IDL
595594	4172823	2.10741	HOTL-IDL
595614	4172823	2.15815	HOTL-IDL
595634	4172823	2.20206	HOTL-IDL
595654	4172823	2.23834	HOTL-IDL
595674	4172823	2.26517	HOTL-IDL
595694	4172823	2.27629	HOTL-IDL
595714	4172823	2.28207	HOTL-IDL
595734	4172823	2.28297	HOTL-IDL
595754	4172823	2.27497	HOTL-IDL
595774	4172823	2.26114	HOTL-IDL
595794	4172823	2.24281	HOTL-IDL
595814	4172823	2.22038	HOTL-IDL
594874	4172843	0.61232	HOTL-IDL
594894	4172843	0.62926	HOTL-IDL
594914	4172843	0.64791	HOTL-IDL
594934	4172843	0.66758	HOTL-IDL
594954	4172843	0.68826	HOTL-IDL
595254	4172843	1.10563	HOTL-IDL
595274	4172843	1.14275	HOTL-IDL
595294	4172843	1.18325	HOTL-IDL
595314	4172843	1.22853	HOTL-IDL
595334	4172843	1.27484	HOTL-IDL
595354	4172843	1.32489	HOTL-IDL
595374	4172843	1.37719	HOTL-IDL
595394	4172843	1.43076	HOTL-IDL
595414	4172843	1.48565	HOTL-IDL
595434	4172843	1.54088	HOTL-IDL
595454	4172843	1.59679	HOTL-IDL
595474	4172843	1.6521	HOTL-IDL
595494	4172843	1.7088	HOTL-IDL
595514	4172843	1.76547	HOTL-IDL
595534	4172843	1.82123	HOTL-IDL
595554	4172843	1.87675	HOTL-IDL
595574	4172843	1.93147	HOTL-IDL
595594	4172843	1.98277	HOTL-IDL
595614	4172843	2.02914	HOTL-IDL
595634	4172843	2.0714	HOTL-IDL
595654	4172843	2.10646	HOTL-IDL
595674	4172843	2.13319	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595694	4172843	2.14058	HOTL-IDL
595714	4172843	2.15607	HOTL-IDL
595734	4172843	2.15804	HOTL-IDL
595754	4172843	2.153	HOTL-IDL
595774	4172843	2.14224	HOTL-IDL
595794	4172843	2.12712	HOTL-IDL
595814	4172843	2.10832	HOTL-IDL
594854	4172863	0.58034	HOTL-IDL
594874	4172863	0.59642	HOTL-IDL
594894	4172863	0.61264	HOTL-IDL
594914	4172863	0.63031	HOTL-IDL
594934	4172863	0.64969	HOTL-IDL
595234	4172863	1.02752	HOTL-IDL
595254	4172863	1.05899	HOTL-IDL
595274	4172863	1.09391	HOTL-IDL
595294	4172863	1.13349	HOTL-IDL
595314	4172863	1.17508	HOTL-IDL
595334	4172863	1.21901	HOTL-IDL
595354	4172863	1.26509	HOTL-IDL
595374	4172863	1.31369	HOTL-IDL
595394	4172863	1.36243	HOTL-IDL
595414	4172863	1.41279	HOTL-IDL
595434	4172863	1.46363	HOTL-IDL
595454	4172863	1.51537	HOTL-IDL
595474	4172863	1.56632	HOTL-IDL
595494	4172863	1.61768	HOTL-IDL
595514	4172863	1.66891	HOTL-IDL
595534	4172863	1.71958	HOTL-IDL
595554	4172863	1.77058	HOTL-IDL
595574	4172863	1.82163	HOTL-IDL
595594	4172863	1.86953	HOTL-IDL
595614	4172863	1.9143	HOTL-IDL
595634	4172863	1.95195	HOTL-IDL
595654	4172863	1.98546	HOTL-IDL
595674	4172863	2.01042	HOTL-IDL
595694	4172863	2.02567	HOTL-IDL
595714	4172863	2.03853	HOTL-IDL
595734	4172863	2.04269	HOTL-IDL
595754	4172863	2.04017	HOTL-IDL
595774	4172863	2.03209	HOTL-IDL
595794	4172863	2.01961	HOTL-IDL
594854	4172883	0.56523	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594874	4172883	0.58052	HOTL-IDL
594894	4172883	0.59663	HOTL-IDL
594914	4172883	0.6139	HOTL-IDL
595234	4172883	0.98602	HOTL-IDL
595254	4172883	1.01606	HOTL-IDL
595274	4172883	1.04925	HOTL-IDL
595294	4172883	1.08612	HOTL-IDL
595314	4172883	1.12483	HOTL-IDL
595334	4172883	1.16682	HOTL-IDL
595354	4172883	1.21051	HOTL-IDL
595374	4172883	1.25522	HOTL-IDL
595394	4172883	1.29983	HOTL-IDL
595414	4172883	1.34577	HOTL-IDL
595434	4172883	1.39301	HOTL-IDL
595454	4172883	1.43934	HOTL-IDL
595474	4172883	1.48645	HOTL-IDL
595494	4172883	1.53341	HOTL-IDL
595514	4172883	1.58108	HOTL-IDL
595534	4172883	1.62791	HOTL-IDL
595554	4172883	1.67499	HOTL-IDL
595574	4172883	1.72151	HOTL-IDL
595594	4172883	1.76505	HOTL-IDL
595614	4172883	1.80616	HOTL-IDL
595634	4172883	1.84361	HOTL-IDL
595654	4172883	1.87634	HOTL-IDL
595674	4172883	1.89435	HOTL-IDL
595694	4172883	1.91724	HOTL-IDL
595714	4172883	1.9302	HOTL-IDL
595734	4172883	1.93618	HOTL-IDL
595754	4172883	1.93584	HOTL-IDL
595774	4172883	1.93016	HOTL-IDL
595794	4172883	1.92001	HOTL-IDL
594854	4172903	0.55106	HOTL-IDL
594874	4172903	0.56593	HOTL-IDL
594894	4172903	0.58164	HOTL-IDL
594914	4172903	0.59852	HOTL-IDL
595234	4172903	0.94737	HOTL-IDL
595254	4172903	0.97609	HOTL-IDL
595274	4172903	1.0078	HOTL-IDL
595294	4172903	1.04229	HOTL-IDL
595314	4172903	1.07866	HOTL-IDL
595334	4172903	1.11779	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595354	4172903	1.15761	HOTL-IDL
595374	4172903	1.19924	HOTL-IDL
595394	4172903	1.242	HOTL-IDL
595414	4172903	1.2845	HOTL-IDL
595434	4172903	1.32703	HOTL-IDL
595454	4172903	1.36963	HOTL-IDL
595474	4172903	1.41255	HOTL-IDL
595494	4172903	1.45602	HOTL-IDL
595514	4172903	1.49933	HOTL-IDL
595534	4172903	1.54271	HOTL-IDL
595554	4172903	1.58665	HOTL-IDL
595574	4172903	1.6295	HOTL-IDL
595594	4172903	1.66963	HOTL-IDL
595614	4172903	1.70787	HOTL-IDL
595634	4172903	1.74357	HOTL-IDL
595654	4172903	1.7745	HOTL-IDL
595674	4172903	1.79296	HOTL-IDL
595694	4172903	1.81627	HOTL-IDL
595714	4172903	1.83014	HOTL-IDL
595734	4172903	1.83763	HOTL-IDL
595754	4172903	1.83919	HOTL-IDL
595774	4172903	1.83558	HOTL-IDL
595794	4172903	1.82766	HOTL-IDL
594854	4172923	0.53755	HOTL-IDL
594874	4172923	0.55218	HOTL-IDL
594894	4172923	0.5676	HOTL-IDL
594914	4172923	0.58422	HOTL-IDL
595254	4172923	0.93893	HOTL-IDL
595274	4172923	0.96899	HOTL-IDL
595294	4172923	1.00122	HOTL-IDL
595314	4172923	1.03558	HOTL-IDL
595334	4172923	1.07219	HOTL-IDL
595354	4172923	1.10902	HOTL-IDL
595374	4172923	1.14717	HOTL-IDL
595394	4172923	1.18608	HOTL-IDL
595414	4172923	1.22566	HOTL-IDL
595434	4172923	1.26562	HOTL-IDL
595454	4172923	1.30526	HOTL-IDL
595474	4172923	1.34501	HOTL-IDL
595494	4172923	1.38439	HOTL-IDL
595514	4172923	1.42434	HOTL-IDL
595534	4172923	1.46434	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172923	1.5052	HOTL-IDL
595574	4172923	1.54445	HOTL-IDL
595594	4172923	1.58228	HOTL-IDL
595614	4172923	1.61889	HOTL-IDL
595634	4172923	1.65208	HOTL-IDL
595654	4172923	1.67581	HOTL-IDL
595674	4172923	1.70255	HOTL-IDL
595694	4172923	1.72299	HOTL-IDL
595714	4172923	1.73755	HOTL-IDL
595734	4172923	1.74629	HOTL-IDL
595754	4172923	1.74946	HOTL-IDL
595774	4172923	1.74765	HOTL-IDL
595314	4172943	0.99541	HOTL-IDL
595334	4172943	1.02903	HOTL-IDL
595354	4172943	1.06376	HOTL-IDL
595374	4172943	1.09913	HOTL-IDL
595394	4172943	1.13536	HOTL-IDL
595414	4172943	1.17141	HOTL-IDL
595434	4172943	1.20789	HOTL-IDL
595454	4172943	1.24458	HOTL-IDL
595474	4172943	1.28159	HOTL-IDL
595494	4172943	1.31876	HOTL-IDL
595514	4172943	1.35583	HOTL-IDL
595534	4172943	1.39291	HOTL-IDL
595554	4172943	1.4301	HOTL-IDL
595574	4172943	1.46614	HOTL-IDL
595594	4172943	1.50192	HOTL-IDL
595614	4172943	1.53627	HOTL-IDL
595634	4172943	1.56751	HOTL-IDL
595654	4172943	1.58815	HOTL-IDL
595674	4172943	1.61497	HOTL-IDL
595694	4172943	1.63668	HOTL-IDL
595714	4172943	1.65167	HOTL-IDL
595734	4172943	1.66137	HOTL-IDL
595754	4172943	1.66588	HOTL-IDL
595774	4172943	1.66567	HOTL-IDL
595314	4172963	0.95725	HOTL-IDL
595334	4172963	0.98925	HOTL-IDL
595354	4172963	1.02149	HOTL-IDL
595374	4172963	1.05432	HOTL-IDL
595394	4172963	1.08751	HOTL-IDL
595414	4172963	1.12089	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595434	4172963	1.15468	HOTL-IDL
595454	4172963	1.18849	HOTL-IDL
595474	4172963	1.22216	HOTL-IDL
595494	4172963	1.25688	HOTL-IDL
595514	4172963	1.2915	HOTL-IDL
595534	4172963	1.32613	HOTL-IDL
595554	4172963	1.3606	HOTL-IDL
595574	4172963	1.39456	HOTL-IDL
595594	4172963	1.4278	HOTL-IDL
595614	4172963	1.45999	HOTL-IDL
595634	4172963	1.48656	HOTL-IDL
595654	4172963	1.51182	HOTL-IDL
595674	4172963	1.53597	HOTL-IDL
595694	4172963	1.55578	HOTL-IDL
595714	4172963	1.57095	HOTL-IDL
595734	4172963	1.58147	HOTL-IDL
595754	4172963	1.58722	HOTL-IDL
595314	4172983	0.92162	HOTL-IDL
595334	4172983	0.95146	HOTL-IDL
595354	4172983	0.98167	HOTL-IDL
595374	4172983	1.0122	HOTL-IDL
595394	4172983	1.04312	HOTL-IDL
595414	4172983	1.074	HOTL-IDL
595434	4172983	1.1053	HOTL-IDL
595454	4172983	1.13671	HOTL-IDL
595474	4172983	1.16789	HOTL-IDL
595494	4172983	1.19998	HOTL-IDL
595514	4172983	1.23163	HOTL-IDL
595534	4172983	1.26389	HOTL-IDL
595554	4172983	1.29621	HOTL-IDL
595574	4172983	1.3275	HOTL-IDL
595594	4172983	1.35874	HOTL-IDL
595614	4172983	1.38924	HOTL-IDL
595634	4172983	1.41121	HOTL-IDL
595654	4172983	1.4401	HOTL-IDL
595674	4172983	1.46324	HOTL-IDL
595694	4172983	1.48283	HOTL-IDL
595714	4172983	1.49834	HOTL-IDL
595734	4172983	1.50946	HOTL-IDL
595754	4172983	1.51615	HOTL-IDL
595314	4173003	0.88844	HOTL-IDL
595334	4173003	0.91574	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595354	4173003	0.94399	HOTL-IDL
595374	4173003	0.97256	HOTL-IDL
595394	4173003	1.00115	HOTL-IDL
595414	4173003	1.03001	HOTL-IDL
595434	4173003	1.05905	HOTL-IDL
595454	4173003	1.08835	HOTL-IDL
595474	4173003	1.11745	HOTL-IDL
595494	4173003	1.147	HOTL-IDL
595514	4173003	1.17661	HOTL-IDL
595534	4173003	1.20657	HOTL-IDL
595554	4173003	1.23659	HOTL-IDL
595574	4173003	1.2657	HOTL-IDL
595594	4173003	1.29502	HOTL-IDL
595614	4173003	1.32224	HOTL-IDL
595634	4173003	1.34647	HOTL-IDL
595654	4173003	1.37227	HOTL-IDL
595674	4173003	1.39456	HOTL-IDL
595694	4173003	1.41373	HOTL-IDL
595714	4173003	1.42927	HOTL-IDL
595734	4173003	1.44084	HOTL-IDL
595294	4173023	0.83092	HOTL-IDL
595314	4173023	0.85614	HOTL-IDL
595334	4173023	0.88228	HOTL-IDL
595354	4173023	0.9087	HOTL-IDL
595374	4173023	0.93526	HOTL-IDL
595394	4173023	0.96199	HOTL-IDL
595414	4173023	0.98885	HOTL-IDL
595434	4173023	1.01554	HOTL-IDL
595454	4173023	1.04268	HOTL-IDL
595474	4173023	1.07001	HOTL-IDL
595494	4173023	1.09774	HOTL-IDL
595514	4173023	1.12536	HOTL-IDL
595534	4173023	1.15329	HOTL-IDL
595554	4173023	1.18116	HOTL-IDL
595574	4173023	1.20868	HOTL-IDL
595594	4173023	1.23627	HOTL-IDL
595614	4173023	1.25797	HOTL-IDL
595634	4173023	1.28556	HOTL-IDL
595654	4173023	1.30924	HOTL-IDL
595674	4173023	1.33068	HOTL-IDL
595694	4173023	1.34937	HOTL-IDL
595714	4173023	1.36484	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595294	4173043	0.8026	HOTL-IDL
595314	4173043	0.8263	HOTL-IDL
595334	4173043	0.85078	HOTL-IDL
595354	4173043	0.87542	HOTL-IDL
595374	4173043	0.90023	HOTL-IDL
595394	4173043	0.92514	HOTL-IDL
595414	4173043	0.94994	HOTL-IDL
595434	4173043	0.97493	HOTL-IDL
595454	4173043	1.00018	HOTL-IDL
595474	4173043	1.02563	HOTL-IDL
595494	4173043	1.05162	HOTL-IDL
595514	4173043	1.07738	HOTL-IDL
595534	4173043	1.10326	HOTL-IDL
595554	4173043	1.12946	HOTL-IDL
595574	4173043	1.15558	HOTL-IDL
595594	4173043	1.18115	HOTL-IDL
595614	4173043	1.20215	HOTL-IDL
595634	4173043	1.22806	HOTL-IDL
595654	4173043	1.25058	HOTL-IDL
595674	4173043	1.27116	HOTL-IDL
595694	4173043	1.28933	HOTL-IDL
595294	4173063	0.7757	HOTL-IDL
595314	4173063	0.79809	HOTL-IDL
595334	4173063	0.82096	HOTL-IDL
595354	4173063	0.84403	HOTL-IDL
595374	4173063	0.86717	HOTL-IDL
595394	4173063	0.89013	HOTL-IDL
595414	4173063	0.91323	HOTL-IDL
595434	4173063	0.93662	HOTL-IDL
595454	4173063	0.96044	HOTL-IDL
595474	4173063	0.98438	HOTL-IDL
595494	4173063	1.00875	HOTL-IDL
595514	4173063	1.03283	HOTL-IDL
595534	4173063	1.05689	HOTL-IDL
595554	4173063	1.08147	HOTL-IDL
595574	4173063	1.10564	HOTL-IDL
595594	4173063	1.12796	HOTL-IDL
595614	4173063	1.15111	HOTL-IDL
595634	4173063	1.17446	HOTL-IDL
595654	4173063	1.19588	HOTL-IDL
595354	4173083	0.81426	HOTL-IDL
595374	4173083	0.83565	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595394	4173083	0.85707	HOTL-IDL
595414	4173083	0.8787	HOTL-IDL
595434	4173083	0.90064	HOTL-IDL
595454	4173083	0.92312	HOTL-IDL
595474	4173083	0.94577	HOTL-IDL
595494	4173083	0.96904	HOTL-IDL
595514	4173083	0.99171	HOTL-IDL
595534	4173083	1.01354	HOTL-IDL
595554	4173083	1.03676	HOTL-IDL
595574	4173083	1.0593	HOTL-IDL
595594	4173083	1.08196	HOTL-IDL
595614	4173083	1.10052	HOTL-IDL
595334	4173103	0.76571	HOTL-IDL
595354	4173103	0.7859	HOTL-IDL
595374	4173103	0.80586	HOTL-IDL
595394	4173103	0.82588	HOTL-IDL
595414	4173103	0.84616	HOTL-IDL
595434	4173103	0.8668	HOTL-IDL
595454	4173103	0.88808	HOTL-IDL
595474	4173103	0.90959	HOTL-IDL
595494	4173103	0.9313	HOTL-IDL
595514	4173103	0.95144	HOTL-IDL
595534	4173103	0.97311	HOTL-IDL
595334	4173123	0.74002	HOTL-IDL
595354	4173123	0.75888	HOTL-IDL
595374	4173123	0.77764	HOTL-IDL
595394	4173123	0.79646	HOTL-IDL
595414	4173123	0.81562	HOTL-IDL
595434	4173123	0.83511	HOTL-IDL
595454	4173123	0.85521	HOTL-IDL
595474	4173123	0.87567	HOTL-IDL
595494	4173123	0.89578	HOTL-IDL
595514	4173123	0.91461	HOTL-IDL
595354	4173143	0.73339	HOTL-IDL
595374	4173143	0.75111	HOTL-IDL
595394	4173143	0.76905	HOTL-IDL
595414	4173143	0.78792	HOTL-IDL
595434	4173143	0.8061	HOTL-IDL
595494	4173143	0.86137	HOTL-IDL
595354	4173163	0.70962	HOTL-IDL
595374	4173163	0.7262	HOTL-IDL
595394	4173163	0.74296	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595414	4173163	0.7605	HOTL-IDL
595434	4173163	0.77755	HOTL-IDL
595374	4173183	0.70255	HOTL-IDL
595394	4173183	0.71826	HOTL-IDL
595414	4173183	0.73426	HOTL-IDL
595434	4173183	0.75041	HOTL-IDL
595203.12	4172931.43	0.86151	HOTL-IDL
595305.29	4173022.49	0.84574	HOTL-IDL
596059.85	4172738.92	2.13568	HOTL-IDL
595782.4	4171913.24	5.55242	HOTL-IDL
595790.49	4171877.76	4.52452	HOTL-IDL
595826.59	4171700.37	1.91032	HOTL-IDL
595857.85	4171568.4	1.18824	HOTL-IDL
595427.66	4172811.08	1.65775	HOTL-IDL
595616.96	4172890.78	1.77262	HOTL-IDL
595465.61	4172972.42	1.18233	HOTL-IDL
595413.93	4172953.11	1.14533	HOTL-IDL
595207.62	4172857.58	1.00126	HOTL-IDL
595229.35	4172793.73	1.18904	HOTL-IDL
595251.41	4172717.21	1.48601	HOTL-IDL
595276.16	4172654.64	1.85239	HOTL-IDL
595286.24	4171790.65	1.96653	HOTL-IDL
595306.24	4171790.65	1.92235	HOTL-IDL
595326.24	4171790.65	1.88316	HOTL-IDL
595266.24	4171810.65	2.20853	HOTL-IDL
595286.24	4171810.65	2.15395	HOTL-IDL
595306.24	4171810.65	2.10764	HOTL-IDL
595326.24	4171810.65	2.05961	HOTL-IDL
595246.24	4171830.65	2.4959	HOTL-IDL
595266.24	4171830.65	2.43508	HOTL-IDL
595286.24	4171830.65	2.37522	HOTL-IDL
595306.24	4171830.65	2.31978	HOTL-IDL
595326.24	4171830.65	2.26508	HOTL-IDL
595226.24	4171850.65	2.82984	HOTL-IDL
595246.24	4171850.65	2.77204	HOTL-IDL
595266.24	4171850.65	2.70592	HOTL-IDL
595286.24	4171850.65	2.63749	HOTL-IDL
595306.24	4171850.65	2.56993	HOTL-IDL
595326.24	4171850.65	2.50532	HOTL-IDL
595206.24	4171870.65	3.21583	HOTL-IDL
595226.24	4171870.65	3.15906	HOTL-IDL
595246.24	4171870.65	3.09283	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595266.24	4171870.65	3.01822	HOTL-IDL
595286.24	4171870.65	2.94173	HOTL-IDL
595306.24	4171870.65	2.86411	HOTL-IDL
595186.24	4171890.65	3.63614	HOTL-IDL
595206.24	4171890.65	3.59387	HOTL-IDL
595226.24	4171890.65	3.53708	HOTL-IDL
595246.24	4171890.65	3.46888	HOTL-IDL
595266.24	4171890.65	3.38936	HOTL-IDL
595286.24	4171890.65	3.30395	HOTL-IDL
595306.24	4171890.65	3.21456	HOTL-IDL
595186.24	4171910.65	4.06026	HOTL-IDL
595206.24	4171910.65	4.02705	HOTL-IDL
595226.24	4171910.65	3.97783	HOTL-IDL
595246.24	4171910.65	3.91259	HOTL-IDL
595266.24	4171910.65	3.83169	HOTL-IDL
595286.24	4171910.65	3.7352	HOTL-IDL
595306.24	4171910.65	3.63536	HOTL-IDL
595166.24	4171930.65	4.54231	HOTL-IDL
595186.24	4171930.65	4.5454	HOTL-IDL
595206.24	4171930.65	4.53092	HOTL-IDL
595226.24	4171930.65	4.49186	HOTL-IDL
595246.24	4171930.65	4.43695	HOTL-IDL
595266.24	4171930.65	4.35537	HOTL-IDL
595286.24	4171930.65	4.25542	HOTL-IDL
595166.24	4171950.65	5.07187	HOTL-IDL
595186.24	4171950.65	5.10031	HOTL-IDL
595206.24	4171950.65	5.10872	HOTL-IDL
595226.24	4171950.65	5.08857	HOTL-IDL
595246.24	4171950.65	5.0506	HOTL-IDL
595266.24	4171950.65	4.97998	HOTL-IDL
595286.24	4171950.65	4.8845	HOTL-IDL
595146.24	4171970.65	5.56885	HOTL-IDL
595166.24	4171970.65	5.65826	HOTL-IDL
595186.24	4171970.65	5.72914	HOTL-IDL
595206.24	4171970.65	5.77373	HOTL-IDL
595226.24	4171970.65	5.7881	HOTL-IDL
595246.24	4171970.65	5.78062	HOTL-IDL
595266.24	4171970.65	5.7302	HOTL-IDL
595146.24	4171990.65	6.16207	HOTL-IDL
595166.24	4171990.65	6.31257	HOTL-IDL
595186.24	4171990.65	6.44024	HOTL-IDL
595206.24	4171990.65	6.5373	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595852.66	4171825.33	3.63722	HOTL-IDL
595852.66	4171845.33	4.01819	HOTL-IDL
595852.66	4171865.33	4.44002	HOTL-IDL
595872.66	4171865.33	4.45699	HOTL-IDL
595892.66	4171865.33	4.44916	HOTL-IDL
595832.66	4171885.33	4.88554	HOTL-IDL
595852.66	4171885.33	4.90365	HOTL-IDL
595872.66	4171885.33	4.89136	HOTL-IDL
595892.66	4171885.33	4.85222	HOTL-IDL
595832.66	4171905.33	5.42314	HOTL-IDL
595852.66	4171905.33	5.40581	HOTL-IDL
595872.66	4171905.33	5.35489	HOTL-IDL
595892.66	4171905.33	5.27583	HOTL-IDL
595912.66	4171905.33	5.17122	HOTL-IDL
595832.66	4171925.33	6.00786	HOTL-IDL
595852.66	4171925.33	5.94269	HOTL-IDL
595872.66	4171925.33	5.84226	HOTL-IDL
595892.66	4171925.33	5.71467	HOTL-IDL
595912.66	4171925.33	5.56541	HOTL-IDL
595852.66	4171945.33	6.51049	HOTL-IDL
595872.66	4171945.33	6.34973	HOTL-IDL
595892.66	4171945.33	6.16284	HOTL-IDL
595912.66	4171945.33	5.9595	HOTL-IDL
595932.66	4171945.33	5.74569	HOTL-IDL
595102.43	4172101.44	7.65504	HOTL-IDL
595122.43	4172101.44	8.27011	HOTL-IDL
595142.43	4172101.44	8.96083	HOTL-IDL
595102.43	4172121.44	7.80897	HOTL-IDL
595122.43	4172121.44	8.46897	HOTL-IDL
595142.43	4172121.44	9.22647	HOTL-IDL
595082.43	4172141.44	7.22896	HOTL-IDL
595102.43	4172141.44	7.84647	HOTL-IDL
595122.43	4172141.44	8.55162	HOTL-IDL
595142.43	4172141.44	9.36012	HOTL-IDL
595082.43	4172161.44	7.07527	HOTL-IDL
595102.43	4172161.44	7.71782	HOTL-IDL
595122.43	4172161.44	8.44035	HOTL-IDL
595142.43	4172161.44	9.27954	HOTL-IDL
595082.43	4172181.44	6.72158	HOTL-IDL
595102.43	4172181.44	7.34824	HOTL-IDL
595122.43	4172181.44	8.06688	HOTL-IDL
595142.43	4172181.44	8.89882	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595062.43	4172201.44	5.67394	HOTL-IDL
595082.43	4172201.44	6.17888	HOTL-IDL
595102.43	4172201.44	6.7601	HOTL-IDL
595122.43	4172201.44	7.42487	HOTL-IDL
595142.43	4172201.44	8.19928	HOTL-IDL
595162.43	4172201.44	9.10493	HOTL-IDL
595062.43	4172221.44	5.07409	HOTL-IDL
595082.43	4172221.44	5.51302	HOTL-IDL
595102.43	4172221.44	6.01849	HOTL-IDL
595122.43	4172221.44	6.59118	HOTL-IDL
595142.43	4172221.44	7.25818	HOTL-IDL
595162.43	4172221.44	8.03678	HOTL-IDL
595062.43	4172241.44	4.45086	HOTL-IDL
595082.43	4172241.44	4.81547	HOTL-IDL
595102.43	4172241.44	5.22708	HOTL-IDL
595122.43	4172241.44	5.69662	HOTL-IDL
595142.43	4172241.44	6.24376	HOTL-IDL
595162.43	4172241.44	6.87894	HOTL-IDL
595062.43	4172261.44	3.8693	HOTL-IDL
595082.43	4172261.44	4.16542	HOTL-IDL
595102.43	4172261.44	4.48493	HOTL-IDL
595122.43	4172261.44	4.85678	HOTL-IDL
595142.43	4172261.44	5.28949	HOTL-IDL
595042.43	4172281.44	3.15004	HOTL-IDL
595062.43	4172281.44	3.363	HOTL-IDL
595082.43	4172281.44	3.60036	HOTL-IDL
595102.43	4172281.44	3.85024	HOTL-IDL
595122.43	4172281.44	4.15525	HOTL-IDL
595142.43	4172281.44	4.48663	HOTL-IDL
595162.43	4172281.44	4.85832	HOTL-IDL
595042.43	4172301.44	2.77205	HOTL-IDL
595062.43	4172301.44	2.94803	HOTL-IDL
595082.43	4172301.44	3.13811	HOTL-IDL
595102.43	4172301.44	3.34563	HOTL-IDL
595122.43	4172301.44	3.58739	HOTL-IDL
595142.43	4172301.44	3.85526	HOTL-IDL
595162.43	4172301.44	4.15571	HOTL-IDL
595042.43	4172321.44	2.47081	HOTL-IDL
595062.43	4172321.44	2.61973	HOTL-IDL
595082.43	4172321.44	2.76962	HOTL-IDL
595102.43	4172321.44	2.9524	HOTL-IDL
595122.43	4172321.44	3.15299	HOTL-IDL

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595142.43	4172321.44	3.38154	HOTL-IDL
595162.43	4172321.44	3.63248	HOTL-IDL
595022.43	4172341.44	2.11296	HOTL-IDL
595042.43	4172341.44	2.23184	HOTL-IDL
595062.43	4172341.44	2.3613	HOTL-IDL
595082.43	4172341.44	2.50156	HOTL-IDL
595102.43	4172341.44	2.65557	HOTL-IDL
595122.43	4172341.44	2.82696	HOTL-IDL
595142.43	4172341.44	3.02788	HOTL-IDL
595162.43	4172341.44	3.24973	HOTL-IDL
595509.2	4172311.1	63.69189	HOTL-IDL
595453.66	4172369.33	15.62711	HOTL-IDL
595568.33	4173021.18	1.2058	HOTL-IDL
595515	4172097	14.46564	HOTL-IDL
595271.59	4172931.11	0.95011	HOTL-IDL
595259.54	4172956.67	0.88853	HOTL-IDL
595229.53	4172979.48	0.81541	HOTL-IDL
595158.78	4172948.61	0.78934	HOTL-IDL
595424.36	4172061.47	10.17782	HOTL-IDL
595637.78	4172033.56	11.43626	HOTL-IDL
595497.98	4172569.45	4.80137	HOTL-IDL
595440.32	4172695.89	2.42122	HOTL-IDL
595531.7	4172736.24	2.55567	HOTL-IDL
595503.43	4172797.49	1.98765	HOTL-IDL
595293.61	4172706.67	1.65372	HOTL-IDL
595216.89	4172907.31	0.91717	HOTL-IDL
595554	4171743	1.49812	HOTL-TRU
595574	4171743	1.51699	HOTL-TRU
595594	4171743	1.52715	HOTL-TRU
595614	4171743	1.56291	HOTL-TRU
595634	4171743	1.6025	HOTL-TRU
595654	4171743	1.63444	HOTL-TRU
595674	4171743	1.68759	HOTL-TRU
595694	4171743	1.76751	HOTL-TRU
595714	4171743	1.83281	HOTL-TRU
595534	4171763	1.60893	HOTL-TRU
595554	4171763	1.61302	HOTL-TRU
595574	4171763	1.63049	HOTL-TRU
595594	4171763	1.64947	HOTL-TRU
595614	4171763	1.6975	HOTL-TRU
595634	4171763	1.73918	HOTL-TRU
595654	4171763	1.78038	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4171763	1.84479	HOTL-TRU
595694	4171763	1.93062	HOTL-TRU
595714	4171763	2.01633	HOTL-TRU
595734	4171763	2.11594	HOTL-TRU
595754	4171763	2.21648	HOTL-TRU
595774	4171763	2.31589	HOTL-TRU
595314	4171783	1.84369	HOTL-TRU
595334	4171783	1.81049	HOTL-TRU
595534	4171783	1.72933	HOTL-TRU
595554	4171783	1.74436	HOTL-TRU
595574	4171783	1.768	HOTL-TRU
595594	4171783	1.79548	HOTL-TRU
595614	4171783	1.83598	HOTL-TRU
595634	4171783	1.89772	HOTL-TRU
595654	4171783	1.95175	HOTL-TRU
595674	4171783	2.0312	HOTL-TRU
595694	4171783	2.12372	HOTL-TRU
595714	4171783	2.23566	HOTL-TRU
595734	4171783	2.34473	HOTL-TRU
595754	4171783	2.45513	HOTL-TRU
595774	4171783	2.56849	HOTL-TRU
595794	4171783	2.67692	HOTL-TRU
595274	4171803	2.11039	HOTL-TRU
595294	4171803	2.06077	HOTL-TRU
595314	4171803	2.01548	HOTL-TRU
595334	4171803	1.97365	HOTL-TRU
595534	4171803	1.87192	HOTL-TRU
595554	4171803	1.88952	HOTL-TRU
595574	4171803	1.91913	HOTL-TRU
595594	4171803	1.95744	HOTL-TRU
595614	4171803	2.00958	HOTL-TRU
595634	4171803	2.07978	HOTL-TRU
595654	4171803	2.15486	HOTL-TRU
595674	4171803	2.24694	HOTL-TRU
595694	4171803	2.35349	HOTL-TRU
595714	4171803	2.47516	HOTL-TRU
595734	4171803	2.61018	HOTL-TRU
595754	4171803	2.73084	HOTL-TRU
595774	4171803	2.85969	HOTL-TRU
595794	4171803	2.97659	HOTL-TRU
595814	4171803	3.08366	HOTL-TRU
595254	4171823	2.37848	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595274	4171823	2.32088	HOTL-TRU
595294	4171823	2.26486	HOTL-TRU
595314	4171823	2.21366	HOTL-TRU
595334	4171823	2.1647	HOTL-TRU
595514	4171823	2.03349	HOTL-TRU
595534	4171823	2.03545	HOTL-TRU
595554	4171823	2.06001	HOTL-TRU
595574	4171823	2.07306	HOTL-TRU
595594	4171823	2.12239	HOTL-TRU
595614	4171823	2.20181	HOTL-TRU
595634	4171823	2.28171	HOTL-TRU
595654	4171823	2.38168	HOTL-TRU
595674	4171823	2.50794	HOTL-TRU
595694	4171823	2.62537	HOTL-TRU
595714	4171823	2.76857	HOTL-TRU
595734	4171823	2.9216	HOTL-TRU
595754	4171823	3.06123	HOTL-TRU
595774	4171823	3.19683	HOTL-TRU
595794	4171823	3.32027	HOTL-TRU
595814	4171823	3.43018	HOTL-TRU
595834	4171823	3.525	HOTL-TRU
595854	4171823	3.59963	HOTL-TRU
595234	4171843	2.69922	HOTL-TRU
595254	4171843	2.6366	HOTL-TRU
595274	4171843	2.57309	HOTL-TRU
595294	4171843	2.50848	HOTL-TRU
595314	4171843	2.44441	HOTL-TRU
595334	4171843	2.3875	HOTL-TRU
595514	4171843	2.21462	HOTL-TRU
595534	4171843	2.22317	HOTL-TRU
595554	4171843	2.2503	HOTL-TRU
595574	4171843	2.29975	HOTL-TRU
595594	4171843	2.33461	HOTL-TRU
595614	4171843	2.43399	HOTL-TRU
595634	4171843	2.53287	HOTL-TRU
595654	4171843	2.65542	HOTL-TRU
595674	4171843	2.79722	HOTL-TRU
595694	4171843	2.95417	HOTL-TRU
595714	4171843	3.12182	HOTL-TRU
595734	4171843	3.28717	HOTL-TRU
595754	4171843	3.44464	HOTL-TRU
595774	4171843	3.58733	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4171843	3.7157	HOTL-TRU
595814	4171843	3.82413	HOTL-TRU
595854	4171843	3.97561	HOTL-TRU
595874	4171843	4.0177	HOTL-TRU
595214	4171863	3.06063	HOTL-TRU
595234	4171863	3.00228	HOTL-TRU
595254	4171863	2.93752	HOTL-TRU
595274	4171863	2.86456	HOTL-TRU
595294	4171863	2.79288	HOTL-TRU
595314	4171863	2.71733	HOTL-TRU
595334	4171863	2.64903	HOTL-TRU
595514	4171863	2.42292	HOTL-TRU
595534	4171863	2.44028	HOTL-TRU
595554	4171863	2.47428	HOTL-TRU
595574	4171863	2.52534	HOTL-TRU
595594	4171863	2.59849	HOTL-TRU
595614	4171863	2.69639	HOTL-TRU
595634	4171863	2.83552	HOTL-TRU
595654	4171863	2.98354	HOTL-TRU
595674	4171863	3.147	HOTL-TRU
595694	4171863	3.34907	HOTL-TRU
595714	4171863	3.5372	HOTL-TRU
595734	4171863	3.71776	HOTL-TRU
595754	4171863	3.89088	HOTL-TRU
595774	4171863	4.04462	HOTL-TRU
595794	4171863	4.17393	HOTL-TRU
595814	4171863	4.27548	HOTL-TRU
595834	4171863	4.34664	HOTL-TRU
595854	4171863	4.39042	HOTL-TRU
595874	4171863	4.40905	HOTL-TRU
595894	4171863	4.40297	HOTL-TRU
595194	4171883	3.47163	HOTL-TRU
595214	4171883	3.42349	HOTL-TRU
595234	4171883	3.36166	HOTL-TRU
595254	4171883	3.2883	HOTL-TRU
595274	4171883	3.20783	HOTL-TRU
595294	4171883	3.12535	HOTL-TRU
595314	4171883	3.03863	HOTL-TRU
595514	4171883	2.67465	HOTL-TRU
595534	4171883	2.69989	HOTL-TRU
595554	4171883	2.73889	HOTL-TRU
595574	4171883	2.80014	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595594	4171883	2.89492	HOTL-TRU
595614	4171883	3.01964	HOTL-TRU
595634	4171883	3.17783	HOTL-TRU
595654	4171883	3.37836	HOTL-TRU
595674	4171883	3.57542	HOTL-TRU
595694	4171883	3.81499	HOTL-TRU
595714	4171883	4.03004	HOTL-TRU
595734	4171883	4.23249	HOTL-TRU
595754	4171883	4.4121	HOTL-TRU
595774	4171883	4.56729	HOTL-TRU
595794	4171883	4.68536	HOTL-TRU
595814	4171883	4.77661	HOTL-TRU
595834	4171883	4.8285	HOTL-TRU
595854	4171883	4.84756	HOTL-TRU
595874	4171883	4.83789	HOTL-TRU
595894	4171883	4.80107	HOTL-TRU
595174	4171903	3.9066	HOTL-TRU
595194	4171903	3.88005	HOTL-TRU
595214	4171903	3.8341	HOTL-TRU
595234	4171903	3.7771	HOTL-TRU
595254	4171903	3.70462	HOTL-TRU
595274	4171903	3.61818	HOTL-TRU
595294	4171903	3.52367	HOTL-TRU
595314	4171903	3.42707	HOTL-TRU
595514	4171903	2.9605	HOTL-TRU
595534	4171903	2.98896	HOTL-TRU
595554	4171903	3.04654	HOTL-TRU
595574	4171903	3.13837	HOTL-TRU
595594	4171903	3.26031	HOTL-TRU
595614	4171903	3.42177	HOTL-TRU
595634	4171903	3.61242	HOTL-TRU
595654	4171903	3.85053	HOTL-TRU
595674	4171903	4.10073	HOTL-TRU
595694	4171903	4.36174	HOTL-TRU
595714	4171903	4.59911	HOTL-TRU
595734	4171903	4.8384	HOTL-TRU
595754	4171903	5.02417	HOTL-TRU
595774	4171903	5.16792	HOTL-TRU
595794	4171903	5.27228	HOTL-TRU
595814	4171903	5.33664	HOTL-TRU
595834	4171903	5.35818	HOTL-TRU
595854	4171903	5.34343	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595874	4171903	5.29561	HOTL-TRU
595894	4171903	5.21951	HOTL-TRU
595914	4171903	5.11862	HOTL-TRU
595174	4171923	4.35643	HOTL-TRU
595194	4171923	4.345	HOTL-TRU
595214	4171923	4.31674	HOTL-TRU
595234	4171923	4.26521	HOTL-TRU
595254	4171923	4.19567	HOTL-TRU
595274	4171923	4.10988	HOTL-TRU
595294	4171923	4.002	HOTL-TRU
595534	4171923	3.34497	HOTL-TRU
595554	4171923	3.41748	HOTL-TRU
595574	4171923	3.53288	HOTL-TRU
595594	4171923	3.69616	HOTL-TRU
595614	4171923	3.90901	HOTL-TRU
595634	4171923	4.1621	HOTL-TRU
595654	4171923	4.44294	HOTL-TRU
595674	4171923	4.7444	HOTL-TRU
595694	4171923	5.0348	HOTL-TRU
595714	4171923	5.32767	HOTL-TRU
595734	4171923	5.53869	HOTL-TRU
595754	4171923	5.72243	HOTL-TRU
595774	4171923	5.85397	HOTL-TRU
595794	4171923	5.93132	HOTL-TRU
595814	4171923	5.95587	HOTL-TRU
595834	4171923	5.93412	HOTL-TRU
595854	4171923	5.8734	HOTL-TRU
595874	4171923	5.77718	HOTL-TRU
595894	4171923	5.65403	HOTL-TRU
595914	4171923	5.50927	HOTL-TRU
595154	4171943	4.84127	HOTL-TRU
595174	4171943	4.87046	HOTL-TRU
595194	4171943	4.88278	HOTL-TRU
595214	4171943	4.86899	HOTL-TRU
595234	4171943	4.83395	HOTL-TRU
595254	4171943	4.77835	HOTL-TRU
595274	4171943	4.69245	HOTL-TRU
595294	4171943	4.58465	HOTL-TRU
595534	4171943	3.77717	HOTL-TRU
595554	4171943	3.8691	HOTL-TRU
595574	4171943	4.0227	HOTL-TRU
595594	4171943	4.23654	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4171943	4.51143	HOTL-TRU
595634	4171943	4.83417	HOTL-TRU
595654	4171943	5.18219	HOTL-TRU
595674	4171943	5.53756	HOTL-TRU
595694	4171943	5.86718	HOTL-TRU
595714	4171943	6.15499	HOTL-TRU
595734	4171943	6.3723	HOTL-TRU
595754	4171943	6.54799	HOTL-TRU
595774	4171943	6.64628	HOTL-TRU
595794	4171943	6.64942	HOTL-TRU
595814	4171943	6.62664	HOTL-TRU
595834	4171943	6.55156	HOTL-TRU
595854	4171943	6.43424	HOTL-TRU
595874	4171943	6.27786	HOTL-TRU
595894	4171943	6.09709	HOTL-TRU
595914	4171943	5.8999	HOTL-TRU
595934	4171943	5.69142	HOTL-TRU
595154	4171963	5.38349	HOTL-TRU
595174	4171963	5.45045	HOTL-TRU
595194	4171963	5.49286	HOTL-TRU
595214	4171963	5.51238	HOTL-TRU
595234	4171963	5.49853	HOTL-TRU
595254	4171963	5.46997	HOTL-TRU
595274	4171963	5.39746	HOTL-TRU
595554	4171963	4.43026	HOTL-TRU
595574	4171963	4.63456	HOTL-TRU
595594	4171963	4.92268	HOTL-TRU
595614	4171963	5.28054	HOTL-TRU
595634	4171963	5.69135	HOTL-TRU
595654	4171963	6.11044	HOTL-TRU
595674	4171963	6.51603	HOTL-TRU
595694	4171963	6.88213	HOTL-TRU
595714	4171963	7.15917	HOTL-TRU
595734	4171963	7.35688	HOTL-TRU
595754	4171963	7.47873	HOTL-TRU
595774	4171963	7.51163	HOTL-TRU
595794	4171963	7.47287	HOTL-TRU
595814	4171963	7.36776	HOTL-TRU
595834	4171963	7.21375	HOTL-TRU
595854	4171963	7.01794	HOTL-TRU
595874	4171963	6.76514	HOTL-TRU
595894	4171963	6.53365	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595914	4171963	6.28638	HOTL-TRU
595934	4171963	6.02784	HOTL-TRU
595154	4171983	5.98126	HOTL-TRU
595174	4171983	6.09612	HOTL-TRU
595194	4171983	6.19071	HOTL-TRU
595214	4171983	6.25522	HOTL-TRU
595234	4171983	6.28877	HOTL-TRU
595254	4171983	6.27164	HOTL-TRU
595574	4171983	5.41634	HOTL-TRU
595754	4172023	11.07943	HOTL-TRU
595774	4172023	10.70827	HOTL-TRU
595794	4172023	10.27632	HOTL-TRU
595814	4172023	9.79317	HOTL-TRU
595834	4172023	9.28982	HOTL-TRU
595714	4172043	13.38564	HOTL-TRU
595734	4172043	13.03011	HOTL-TRU
595754	4172043	12.51724	HOTL-TRU
595774	4172043	11.91026	HOTL-TRU
595794	4172043	11.26305	HOTL-TRU
595814	4172043	10.60492	HOTL-TRU
595834	4172043	9.95642	HOTL-TRU
595854	4172043	9.33058	HOTL-TRU
595874	4172043	8.73682	HOTL-TRU
595894	4172043	8.17927	HOTL-TRU
595914	4172043	7.659	HOTL-TRU
595934	4172043	7.18212	HOTL-TRU
595714	4172063	15.51332	HOTL-TRU
595734	4172063	14.81632	HOTL-TRU
595754	4172063	13.97316	HOTL-TRU
595774	4172063	13.09449	HOTL-TRU
595794	4172063	12.21998	HOTL-TRU
595814	4172063	11.37516	HOTL-TRU
595834	4172063	10.57579	HOTL-TRU
595854	4172063	9.82866	HOTL-TRU
595874	4172063	9.13723	HOTL-TRU
595894	4172063	8.50124	HOTL-TRU
595914	4172063	7.91749	HOTL-TRU
595934	4172063	7.38433	HOTL-TRU
595714	4172083	17.8088	HOTL-TRU
595734	4172083	16.63663	HOTL-TRU
595754	4172083	15.41571	HOTL-TRU
595774	4172083	14.23109	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595794	4172083	13.11306	HOTL-TRU
595814	4172083	12.07674	HOTL-TRU
595834	4172083	11.12691	HOTL-TRU
595854	4172083	10.26211	HOTL-TRU
595874	4172083	9.47872	HOTL-TRU
595894	4172083	8.77006	HOTL-TRU
595914	4172083	8.13009	HOTL-TRU
595934	4172083	7.55132	HOTL-TRU
595114	4172103	8.01921	HOTL-TRU
595134	4172103	8.67954	HOTL-TRU
595714	4172103	20.16367	HOTL-TRU
595734	4172103	18.41264	HOTL-TRU
595754	4172103	16.77211	HOTL-TRU
595774	4172103	15.26559	HOTL-TRU
595794	4172103	13.90229	HOTL-TRU
595814	4172103	12.67976	HOTL-TRU
595834	4172103	11.58806	HOTL-TRU
595854	4172103	10.61528	HOTL-TRU
595874	4172103	9.7487	HOTL-TRU
595894	4172103	8.97613	HOTL-TRU
595914	4172103	8.28671	HOTL-TRU
595934	4172103	7.67011	HOTL-TRU
595094	4172123	7.56043	HOTL-TRU
595114	4172123	8.19073	HOTL-TRU
595134	4172123	8.9066	HOTL-TRU
595694	4172123	24.95663	HOTL-TRU
595714	4172123	22.40353	HOTL-TRU
595734	4172123	20.0332	HOTL-TRU
595754	4172123	17.96211	HOTL-TRU
595774	4172123	16.14077	HOTL-TRU
595794	4172123	14.54705	HOTL-TRU
595814	4172123	13.15448	HOTL-TRU
595834	4172123	11.93751	HOTL-TRU
595854	4172123	10.87157	HOTL-TRU
595874	4172123	9.93503	HOTL-TRU
595894	4172123	9.11044	HOTL-TRU
595914	4172123	8.38142	HOTL-TRU
595934	4172123	7.73486	HOTL-TRU
595094	4172143	7.57538	HOTL-TRU
595114	4172143	8.24179	HOTL-TRU
595134	4172143	9.00323	HOTL-TRU
595694	4172143	27.78301	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172143	24.28238	HOTL-TRU
595734	4172143	21.37427	HOTL-TRU
595754	4172143	18.90012	HOTL-TRU
595774	4172143	16.79756	HOTL-TRU
595794	4172143	15.00563	HOTL-TRU
595814	4172143	13.4723	HOTL-TRU
595834	4172143	12.15451	HOTL-TRU
595854	4172143	11.01616	HOTL-TRU
595874	4172143	10.02746	HOTL-TRU
595894	4172143	9.16515	HOTL-TRU
595914	4172143	8.40856	HOTL-TRU
595934	4172143	7.74194	HOTL-TRU
595094	4172163	7.41619	HOTL-TRU
595114	4172163	8.10416	HOTL-TRU
595134	4172163	8.89095	HOTL-TRU
595154	4172163	9.81206	HOTL-TRU
595614	4172163	57.09524	HOTL-TRU
595634	4172163	48.87868	HOTL-TRU
595654	4172163	41.46483	HOTL-TRU
595674	4172163	35.01004	HOTL-TRU
595694	4172163	29.89442	HOTL-TRU
595714	4172163	25.722	HOTL-TRU
595734	4172163	22.3097	HOTL-TRU
595754	4172163	19.50443	HOTL-TRU
595774	4172163	17.18182	HOTL-TRU
595794	4172163	15.24223	HOTL-TRU
595814	4172163	13.60903	HOTL-TRU
595834	4172163	12.22314	HOTL-TRU
595854	4172163	11.03811	HOTL-TRU
595874	4172163	10.01874	HOTL-TRU
595894	4172163	9.13551	HOTL-TRU
595914	4172163	8.36502	HOTL-TRU
595074	4172183	6.44566	HOTL-TRU
595094	4172183	7.03565	HOTL-TRU
595114	4172183	7.7118	HOTL-TRU
595134	4172183	8.49141	HOTL-TRU
595154	4172183	9.3952	HOTL-TRU
595614	4172183	69.6581	HOTL-TRU
595634	4172183	56.16462	HOTL-TRU
595654	4172183	45.30007	HOTL-TRU
595674	4172183	37.36246	HOTL-TRU
595694	4172183	31.25431	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172183	26.49492	HOTL-TRU
595734	4172183	22.72868	HOTL-TRU
595754	4172183	19.70816	HOTL-TRU
595774	4172183	17.25308	HOTL-TRU
595794	4172183	15.2319	HOTL-TRU
595814	4172183	13.54954	HOTL-TRU
595834	4172183	12.13438	HOTL-TRU
595854	4172183	10.93263	HOTL-TRU
595874	4172183	9.90677	HOTL-TRU
595894	4172183	9.02062	HOTL-TRU
595914	4172183	8.2508	HOTL-TRU
595074	4172203	5.91185	HOTL-TRU
595094	4172203	6.45402	HOTL-TRU
595114	4172203	7.0748	HOTL-TRU
595134	4172203	7.79531	HOTL-TRU
595154	4172203	8.6335	HOTL-TRU
595594	4172203	106.80813	HOTL-TRU
595614	4172203	78.15715	HOTL-TRU
595634	4172203	60.04425	HOTL-TRU
595654	4172203	47.21715	HOTL-TRU
595674	4172203	38.17895	HOTL-TRU
595694	4172203	31.51595	HOTL-TRU
595714	4172203	26.47331	HOTL-TRU
595734	4172203	22.56474	HOTL-TRU
595754	4172203	19.47734	HOTL-TRU
595774	4172203	16.9949	HOTL-TRU
595794	4172203	14.96831	HOTL-TRU
595814	4172203	13.29221	HOTL-TRU
595834	4172203	11.88825	HOTL-TRU
595854	4172203	10.70202	HOTL-TRU
595874	4172203	9.69373	HOTL-TRU
595894	4172203	8.82351	HOTL-TRU
595914	4172203	8.06892	HOTL-TRU
595074	4172223	5.26838	HOTL-TRU
595094	4172223	5.74218	HOTL-TRU
595114	4172223	6.27228	HOTL-TRU
595134	4172223	6.8927	HOTL-TRU
595154	4172223	7.60831	HOTL-TRU
595594	4172223	114.33667	HOTL-TRU
595614	4172223	80.73268	HOTL-TRU
595634	4172223	59.53935	HOTL-TRU
595654	4172223	46.38876	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172223	37.22771	HOTL-TRU
595694	4172223	30.59717	HOTL-TRU
595714	4172223	25.63772	HOTL-TRU
595734	4172223	21.82326	HOTL-TRU
595754	4172223	18.82622	HOTL-TRU
595774	4172223	16.42396	HOTL-TRU
595794	4172223	14.46793	HOTL-TRU
595814	4172223	12.85283	HOTL-TRU
595834	4172223	11.50112	HOTL-TRU
595854	4172223	10.36055	HOTL-TRU
595874	4172223	9.38926	HOTL-TRU
595894	4172223	8.55195	HOTL-TRU
595054	4172243	4.26481	HOTL-TRU
595074	4172243	4.6041	HOTL-TRU
595094	4172243	4.99288	HOTL-TRU
595114	4172243	5.42431	HOTL-TRU
595134	4172243	5.92712	HOTL-TRU
595154	4172243	6.51407	HOTL-TRU
595594	4172243	103.45493	HOTL-TRU
595614	4172243	73.5727	HOTL-TRU
595634	4172243	54.89642	HOTL-TRU
595654	4172243	43.03195	HOTL-TRU
595674	4172243	34.71722	HOTL-TRU
595694	4172243	28.66316	HOTL-TRU
595714	4172243	24.11391	HOTL-TRU
595734	4172243	20.5988	HOTL-TRU
595754	4172243	17.8253	HOTL-TRU
595774	4172243	15.59417	HOTL-TRU
595794	4172243	13.77093	HOTL-TRU
595814	4172243	12.26055	HOTL-TRU
595834	4172243	10.99432	HOTL-TRU
595854	4172243	9.92479	HOTL-TRU
595874	4172243	9.0093	HOTL-TRU
595894	4172243	8.21877	HOTL-TRU
595054	4172263	3.71396	HOTL-TRU
595074	4172263	3.98972	HOTL-TRU
595094	4172263	4.29782	HOTL-TRU
595114	4172263	4.63409	HOTL-TRU
595134	4172263	5.04046	HOTL-TRU
595154	4172263	5.49059	HOTL-TRU
595594	4172263	84.68532	HOTL-TRU
595614	4172263	62.46745	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595634	4172263	48.02699	HOTL-TRU
595654	4172263	38.30132	HOTL-TRU
595674	4172263	31.31369	HOTL-TRU
595694	4172263	26.12719	HOTL-TRU
595714	4172263	22.16573	HOTL-TRU
595734	4172263	19.06824	HOTL-TRU
595754	4172263	16.59722	HOTL-TRU
595774	4172263	14.59166	HOTL-TRU
595794	4172263	12.94051	HOTL-TRU
595814	4172263	11.56468	HOTL-TRU
595834	4172263	10.40507	HOTL-TRU
595854	4172263	9.42172	HOTL-TRU
595874	4172263	8.57482	HOTL-TRU
595894	4172263	7.84077	HOTL-TRU
595054	4172283	3.2361	HOTL-TRU
595074	4172283	3.45907	HOTL-TRU
595094	4172283	3.6989	HOTL-TRU
595114	4172283	3.97236	HOTL-TRU
595134	4172283	4.28932	HOTL-TRU
595154	4172283	4.63637	HOTL-TRU
595174	4172283	5.0383	HOTL-TRU
595574	4172283	91.99931	HOTL-TRU
595594	4172283	69.12783	HOTL-TRU
595614	4172283	52.87194	HOTL-TRU
595634	4172283	41.55504	HOTL-TRU
595654	4172283	33.66591	HOTL-TRU
595674	4172283	27.88478	HOTL-TRU
595694	4172283	23.51705	HOTL-TRU
595714	4172283	20.13313	HOTL-TRU
595734	4172283	17.4548	HOTL-TRU
595754	4172283	15.29527	HOTL-TRU
595774	4172283	13.52446	HOTL-TRU
595794	4172283	12.05592	HOTL-TRU
595814	4172283	10.82156	HOTL-TRU
595834	4172283	9.77555	HOTL-TRU
595854	4172283	8.88406	HOTL-TRU
595874	4172283	8.11106	HOTL-TRU
595894	4172283	7.43784	HOTL-TRU
595034	4172303	2.67935	HOTL-TRU
595054	4172303	2.84487	HOTL-TRU
595074	4172303	3.02715	HOTL-TRU
595094	4172303	3.21776	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595114	4172303	3.44974	HOTL-TRU
595134	4172303	3.69801	HOTL-TRU
595154	4172303	3.97922	HOTL-TRU
595174	4172303	4.30029	HOTL-TRU
595574	4172303	69.32673	HOTL-TRU
595594	4172303	56.1141	HOTL-TRU
595614	4172303	45.05565	HOTL-TRU
595634	4172303	36.43094	HOTL-TRU
595654	4172303	29.9304	HOTL-TRU
595674	4172303	25.0198	HOTL-TRU
595694	4172303	21.25585	HOTL-TRU
595714	4172303	18.31379	HOTL-TRU
595734	4172303	15.96909	HOTL-TRU
595754	4172303	14.06846	HOTL-TRU
595774	4172303	12.50069	HOTL-TRU
595794	4172303	11.19486	HOTL-TRU
595814	4172303	10.08985	HOTL-TRU
595834	4172303	9.1509	HOTL-TRU
595854	4172303	8.3465	HOTL-TRU
595874	4172303	7.6448	HOTL-TRU
595034	4172323	2.39253	HOTL-TRU
595054	4172323	2.53356	HOTL-TRU
595074	4172323	2.68498	HOTL-TRU
595094	4172323	2.84738	HOTL-TRU
595114	4172323	3.03756	HOTL-TRU
595134	4172323	3.25162	HOTL-TRU
595154	4172323	3.48934	HOTL-TRU
595174	4172323	3.76003	HOTL-TRU
595574	4172323	52.12701	HOTL-TRU
595594	4172323	44.97456	HOTL-TRU
595614	4172323	38.10479	HOTL-TRU
595634	4172323	31.99278	HOTL-TRU
595654	4172323	26.88167	HOTL-TRU
595674	4172323	22.76085	HOTL-TRU
595694	4172323	19.47097	HOTL-TRU
595714	4172323	16.84478	HOTL-TRU
595734	4172323	14.73588	HOTL-TRU
595754	4172323	13.0205	HOTL-TRU
595774	4172323	11.6039	HOTL-TRU
595794	4172323	10.42166	HOTL-TRU
595814	4172323	9.42375	HOTL-TRU
595834	4172323	8.57212	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595854	4172323	7.84046	HOTL-TRU
595874	4172323	7.20099	HOTL-TRU
595034	4172343	2.1645	HOTL-TRU
595054	4172343	2.28772	HOTL-TRU
595074	4172343	2.42294	HOTL-TRU
595094	4172343	2.57082	HOTL-TRU
595114	4172343	2.73215	HOTL-TRU
595134	4172343	2.91683	HOTL-TRU
595154	4172343	3.1282	HOTL-TRU
595574	4172343	39.70001	HOTL-TRU
595594	4172343	36.15651	HOTL-TRU
595614	4172343	31.84035	HOTL-TRU
595634	4172343	27.73729	HOTL-TRU
595654	4172343	23.97776	HOTL-TRU
595674	4172343	20.70586	HOTL-TRU
595694	4172343	17.94834	HOTL-TRU
595714	4172343	15.65509	HOTL-TRU
595734	4172343	13.75014	HOTL-TRU
595754	4172343	12.17646	HOTL-TRU
595774	4172343	10.87011	HOTL-TRU
595794	4172343	9.77689	HOTL-TRU
595814	4172343	8.85406	HOTL-TRU
595834	4172343	8.06904	HOTL-TRU
595854	4172343	7.39077	HOTL-TRU
595874	4172343	6.79933	HOTL-TRU
595554	4172363	31.01903	HOTL-TRU
595574	4172363	30.68841	HOTL-TRU
595594	4172363	29.10618	HOTL-TRU
595614	4172363	26.74359	HOTL-TRU
595634	4172363	24.06873	HOTL-TRU
595654	4172363	21.35048	HOTL-TRU
595674	4172363	18.81414	HOTL-TRU
595694	4172363	16.55191	HOTL-TRU
595714	4172363	14.58263	HOTL-TRU
595734	4172363	12.89853	HOTL-TRU
595754	4172363	11.4782	HOTL-TRU
595774	4172363	10.27526	HOTL-TRU
595794	4172363	9.25924	HOTL-TRU
595814	4172363	8.38921	HOTL-TRU
595834	4172363	7.65049	HOTL-TRU
595854	4172363	7.0097	HOTL-TRU
595874	4172363	6.45324	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4172383	24.04099	HOTL-TRU
595574	4172383	24.13114	HOTL-TRU
595594	4172383	23.58532	HOTL-TRU
595614	4172383	22.24806	HOTL-TRU
595634	4172383	20.59111	HOTL-TRU
595654	4172383	18.79468	HOTL-TRU
595674	4172383	16.98461	HOTL-TRU
595694	4172383	15.24743	HOTL-TRU
595714	4172383	13.63064	HOTL-TRU
595734	4172383	12.16568	HOTL-TRU
595754	4172383	10.88149	HOTL-TRU
595774	4172383	9.77339	HOTL-TRU
595794	4172383	8.82328	HOTL-TRU
595814	4172383	8.00561	HOTL-TRU
595834	4172383	7.30324	HOTL-TRU
595854	4172383	6.6972	HOTL-TRU
595554	4172403	19.33298	HOTL-TRU
595574	4172403	19.47916	HOTL-TRU
595594	4172403	19.37941	HOTL-TRU
595614	4172403	18.62385	HOTL-TRU
595634	4172403	17.58751	HOTL-TRU
595654	4172403	16.38887	HOTL-TRU
595674	4172403	15.1157	HOTL-TRU
595694	4172403	13.83104	HOTL-TRU
595714	4172403	12.58528	HOTL-TRU
595734	4172403	11.40916	HOTL-TRU
595754	4172403	10.32538	HOTL-TRU
595774	4172403	9.34517	HOTL-TRU
595794	4172403	8.46563	HOTL-TRU
595814	4172403	7.6918	HOTL-TRU
595834	4172403	7.01936	HOTL-TRU
595854	4172403	6.4344	HOTL-TRU
595074	4172423	1.82733	HOTL-TRU
595094	4172423	1.94189	HOTL-TRU
595554	4172423	15.89418	HOTL-TRU
595574	4172423	16.13011	HOTL-TRU
595594	4172423	16.14964	HOTL-TRU
595614	4172423	15.73532	HOTL-TRU
595634	4172423	15.08488	HOTL-TRU
595654	4172423	14.28267	HOTL-TRU
595674	4172423	13.38806	HOTL-TRU
595694	4172423	12.45346	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172423	11.51122	HOTL-TRU
595734	4172423	10.58756	HOTL-TRU
595754	4172423	9.70269	HOTL-TRU
595774	4172423	8.87176	HOTL-TRU
595794	4172423	8.10547	HOTL-TRU
595814	4172423	7.41133	HOTL-TRU
595834	4172423	6.78798	HOTL-TRU
595854	4172423	6.23378	HOTL-TRU
595074	4172443	1.74414	HOTL-TRU
595094	4172443	1.85487	HOTL-TRU
595114	4172443	1.97774	HOTL-TRU
595134	4172443	2.1155	HOTL-TRU
595534	4172443	12.49138	HOTL-TRU
595554	4172443	13.18419	HOTL-TRU
595574	4172443	13.56287	HOTL-TRU
595594	4172443	13.63634	HOTL-TRU
595614	4172443	13.42612	HOTL-TRU
595634	4172443	13.02285	HOTL-TRU
595654	4172443	12.48364	HOTL-TRU
595674	4172443	11.85283	HOTL-TRU
595694	4172443	11.17043	HOTL-TRU
595714	4172443	10.4647	HOTL-TRU
595734	4172443	9.75217	HOTL-TRU
595754	4172443	9.04739	HOTL-TRU
595774	4172443	8.365	HOTL-TRU
595794	4172443	7.71488	HOTL-TRU
595814	4172443	7.10723	HOTL-TRU
595834	4172443	6.54566	HOTL-TRU
595854	4172443	6.03376	HOTL-TRU
595054	4172463	1.58019	HOTL-TRU
595074	4172463	1.67541	HOTL-TRU
595094	4172463	1.78066	HOTL-TRU
595114	4172463	1.89715	HOTL-TRU
595534	4172463	10.55708	HOTL-TRU
595554	4172463	11.07123	HOTL-TRU
595574	4172463	11.46138	HOTL-TRU
595594	4172463	11.64938	HOTL-TRU
595614	4172463	11.56737	HOTL-TRU
595634	4172463	11.32306	HOTL-TRU
595654	4172463	10.9625	HOTL-TRU
595674	4172463	10.51657	HOTL-TRU
595694	4172463	10.01638	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595714	4172463	9.48326	HOTL-TRU
595734	4172463	8.93478	HOTL-TRU
595754	4172463	8.38103	HOTL-TRU
595774	4172463	7.83197	HOTL-TRU
595794	4172463	7.29512	HOTL-TRU
595814	4172463	6.77883	HOTL-TRU
595834	4172463	6.28867	HOTL-TRU
595054	4172483	1.51626	HOTL-TRU
595074	4172483	1.61416	HOTL-TRU
595094	4172483	1.71415	HOTL-TRU
595114	4172483	1.82294	HOTL-TRU
595534	4172483	9.09428	HOTL-TRU
595554	4172483	9.4965	HOTL-TRU
595574	4172483	9.8736	HOTL-TRU
595594	4172483	10.05052	HOTL-TRU
595614	4172483	10.03172	HOTL-TRU
595634	4172483	9.90393	HOTL-TRU
595654	4172483	9.67291	HOTL-TRU
595674	4172483	9.35991	HOTL-TRU
595694	4172483	8.99208	HOTL-TRU
595714	4172483	8.58864	HOTL-TRU
595734	4172483	8.16412	HOTL-TRU
595754	4172483	7.72972	HOTL-TRU
595774	4172483	7.29166	HOTL-TRU
595794	4172483	6.85529	HOTL-TRU
595814	4172483	6.42566	HOTL-TRU
595834	4172483	6.00818	HOTL-TRU
595034	4172503	1.393	HOTL-TRU
595054	4172503	1.46966	HOTL-TRU
595074	4172503	1.556	HOTL-TRU
595094	4172503	1.64969	HOTL-TRU
595114	4172503	1.75182	HOTL-TRU
595534	4172503	7.92225	HOTL-TRU
595554	4172503	8.25673	HOTL-TRU
595574	4172503	8.59742	HOTL-TRU
595594	4172503	8.76507	HOTL-TRU
595614	4172503	8.79714	HOTL-TRU
595634	4172503	8.7327	HOTL-TRU
595654	4172503	8.57745	HOTL-TRU
595674	4172503	8.33515	HOTL-TRU
595694	4172503	8.08969	HOTL-TRU
595714	4172503	7.78376	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172503	7.45582	HOTL-TRU
595754	4172503	7.11165	HOTL-TRU
595774	4172503	6.76284	HOTL-TRU
595794	4172503	6.41032	HOTL-TRU
595814	4172503	6.05715	HOTL-TRU
595834	4172503	5.70791	HOTL-TRU
595034	4172523	1.34874	HOTL-TRU
595054	4172523	1.4233	HOTL-TRU
595074	4172523	1.5034	HOTL-TRU
595094	4172523	1.58695	HOTL-TRU
595514	4172523	6.53728	HOTL-TRU
595534	4172523	6.92957	HOTL-TRU
595554	4172523	7.27979	HOTL-TRU
595574	4172523	7.53922	HOTL-TRU
595594	4172523	7.58414	HOTL-TRU
595614	4172523	7.7252	HOTL-TRU
595634	4172523	7.772	HOTL-TRU
595654	4172523	7.64253	HOTL-TRU
595674	4172523	7.50315	HOTL-TRU
595694	4172523	7.29001	HOTL-TRU
595714	4172523	7.05858	HOTL-TRU
595734	4172523	6.80618	HOTL-TRU
595754	4172523	6.53869	HOTL-TRU
595774	4172523	6.25962	HOTL-TRU
595794	4172523	5.97513	HOTL-TRU
595814	4172523	5.68543	HOTL-TRU
595834	4172523	5.39577	HOTL-TRU
595034	4172543	1.30574	HOTL-TRU
595054	4172543	1.37526	HOTL-TRU
595074	4172543	1.44841	HOTL-TRU
595094	4172543	1.52687	HOTL-TRU
595514	4172543	5.80276	HOTL-TRU
595534	4172543	6.11841	HOTL-TRU
595554	4172543	6.44295	HOTL-TRU
595574	4172543	6.58545	HOTL-TRU
595594	4172543	6.71123	HOTL-TRU
595614	4172543	6.80203	HOTL-TRU
595634	4172543	6.88971	HOTL-TRU
595654	4172543	6.8844	HOTL-TRU
595674	4172543	6.66891	HOTL-TRU
595694	4172543	6.55675	HOTL-TRU
595714	4172543	6.44327	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172543	6.22769	HOTL-TRU
595754	4172543	6.01464	HOTL-TRU
595774	4172543	5.78141	HOTL-TRU
595794	4172543	5.56009	HOTL-TRU
595814	4172543	5.32205	HOTL-TRU
595014	4172563	1.20382	HOTL-TRU
595034	4172563	1.26352	HOTL-TRU
595054	4172563	1.32682	HOTL-TRU
595074	4172563	1.39333	HOTL-TRU
595094	4172563	1.46486	HOTL-TRU
595514	4172563	5.21434	HOTL-TRU
595534	4172563	5.47665	HOTL-TRU
595554	4172563	5.76518	HOTL-TRU
595574	4172563	5.8462	HOTL-TRU
595594	4172563	5.98475	HOTL-TRU
595614	4172563	6.09465	HOTL-TRU
595634	4172563	6.23449	HOTL-TRU
595654	4172563	6.15169	HOTL-TRU
595674	4172563	6.03884	HOTL-TRU
595694	4172563	5.93238	HOTL-TRU
595714	4172563	5.80024	HOTL-TRU
595734	4172563	5.67457	HOTL-TRU
595754	4172563	5.54005	HOTL-TRU
595774	4172563	5.35268	HOTL-TRU
595794	4172563	5.17287	HOTL-TRU
595814	4172563	4.97519	HOTL-TRU
595014	4172583	1.16597	HOTL-TRU
595034	4172583	1.22056	HOTL-TRU
595054	4172583	1.27873	HOTL-TRU
595074	4172583	1.33933	HOTL-TRU
595494	4172583	4.4314	HOTL-TRU
595514	4172583	4.69453	HOTL-TRU
595534	4172583	4.92904	HOTL-TRU
595554	4172583	5.10635	HOTL-TRU
595574	4172583	5.24449	HOTL-TRU
595594	4172583	5.38923	HOTL-TRU
595614	4172583	5.5367	HOTL-TRU
595634	4172583	5.6323	HOTL-TRU
595654	4172583	5.54412	HOTL-TRU
595674	4172583	5.49462	HOTL-TRU
595694	4172583	5.41619	HOTL-TRU
595714	4172583	5.31471	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595734	4172583	5.23144	HOTL-TRU
595754	4172583	5.11595	HOTL-TRU
595774	4172583	4.97262	HOTL-TRU
595794	4172583	4.81393	HOTL-TRU
595814	4172583	4.64956	HOTL-TRU
595034	4172603	1.17878	HOTL-TRU
595054	4172603	1.23133	HOTL-TRU
595074	4172603	1.28709	HOTL-TRU
595494	4172603	4.02934	HOTL-TRU
595514	4172603	4.23443	HOTL-TRU
595534	4172603	4.46113	HOTL-TRU
595554	4172603	4.61706	HOTL-TRU
595574	4172603	4.73786	HOTL-TRU
595594	4172603	4.88161	HOTL-TRU
595614	4172603	5.0691	HOTL-TRU
595634	4172603	5.09911	HOTL-TRU
595654	4172603	5.04856	HOTL-TRU
595674	4172603	5.01885	HOTL-TRU
595694	4172603	4.96184	HOTL-TRU
595714	4172603	4.88353	HOTL-TRU
595734	4172603	4.84686	HOTL-TRU
595754	4172603	4.72705	HOTL-TRU
595774	4172603	4.61505	HOTL-TRU
595794	4172603	4.48357	HOTL-TRU
595474	4172623	3.48789	HOTL-TRU
595494	4172623	3.69456	HOTL-TRU
595514	4172623	3.86609	HOTL-TRU
595534	4172623	4.05872	HOTL-TRU
595554	4172623	4.23083	HOTL-TRU
595574	4172623	4.3929	HOTL-TRU
595594	4172623	4.49616	HOTL-TRU
595614	4172623	4.60184	HOTL-TRU
595634	4172623	4.66178	HOTL-TRU
595654	4172623	4.67717	HOTL-TRU
595674	4172623	4.62968	HOTL-TRU
595694	4172623	4.56126	HOTL-TRU
595714	4172623	4.51266	HOTL-TRU
595734	4172623	4.47121	HOTL-TRU
595754	4172623	4.38728	HOTL-TRU
595774	4172623	4.28933	HOTL-TRU
595794	4172623	4.18054	HOTL-TRU
595814	4172623	4.06479	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595474	4172643	3.2088	HOTL-TRU
595494	4172643	3.36626	HOTL-TRU
595514	4172643	3.54697	HOTL-TRU
595534	4172643	3.70532	HOTL-TRU
595554	4172643	3.85716	HOTL-TRU
595574	4172643	3.9911	HOTL-TRU
595594	4172643	4.10911	HOTL-TRU
595614	4172643	4.20378	HOTL-TRU
595634	4172643	4.20762	HOTL-TRU
595654	4172643	4.26566	HOTL-TRU
595674	4172643	4.28367	HOTL-TRU
595694	4172643	4.25375	HOTL-TRU
595714	4172643	4.20566	HOTL-TRU
595734	4172643	4.1413	HOTL-TRU
595754	4172643	4.07487	HOTL-TRU
595774	4172643	3.99233	HOTL-TRU
595794	4172643	3.90224	HOTL-TRU
595814	4172643	3.80549	HOTL-TRU
595474	4172663	2.96596	HOTL-TRU
595494	4172663	3.10537	HOTL-TRU
595514	4172663	3.26036	HOTL-TRU
595534	4172663	3.40063	HOTL-TRU
595554	4172663	3.53505	HOTL-TRU
595574	4172663	3.65687	HOTL-TRU
595594	4172663	3.76667	HOTL-TRU
595614	4172663	3.81874	HOTL-TRU
595634	4172663	3.8588	HOTL-TRU
595654	4172663	3.89651	HOTL-TRU
595674	4172663	3.89865	HOTL-TRU
595694	4172663	3.91277	HOTL-TRU
595714	4172663	3.88957	HOTL-TRU
595734	4172663	3.84483	HOTL-TRU
595754	4172663	3.79094	HOTL-TRU
595774	4172663	3.72205	HOTL-TRU
595794	4172663	3.64761	HOTL-TRU
595814	4172663	3.56697	HOTL-TRU
595454	4172683	2.61707	HOTL-TRU
595474	4172683	2.74718	HOTL-TRU
595494	4172683	2.87777	HOTL-TRU
595514	4172683	3.0101	HOTL-TRU
595534	4172683	3.13452	HOTL-TRU
595554	4172683	3.25441	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4172683	3.36569	HOTL-TRU
595594	4172683	3.4733	HOTL-TRU
595614	4172683	3.50182	HOTL-TRU
595634	4172683	3.56276	HOTL-TRU
595654	4172683	3.60028	HOTL-TRU
595674	4172683	3.60931	HOTL-TRU
595694	4172683	3.63825	HOTL-TRU
595714	4172683	3.61701	HOTL-TRU
595734	4172683	3.58187	HOTL-TRU
595754	4172683	3.5317	HOTL-TRU
595774	4172683	3.47023	HOTL-TRU
595794	4172683	3.41115	HOTL-TRU
595814	4172683	3.34468	HOTL-TRU
595474	4172703	2.55247	HOTL-TRU
595494	4172703	2.66396	HOTL-TRU
595514	4172703	2.77987	HOTL-TRU
595534	4172703	2.89801	HOTL-TRU
595554	4172703	3.00818	HOTL-TRU
595574	4172703	3.10826	HOTL-TRU
595594	4172703	3.18667	HOTL-TRU
595614	4172703	3.23579	HOTL-TRU
595634	4172703	3.29674	HOTL-TRU
595654	4172703	3.33308	HOTL-TRU
595674	4172703	3.35508	HOTL-TRU
595694	4172703	3.38486	HOTL-TRU
595714	4172703	3.36442	HOTL-TRU
595734	4172703	3.34028	HOTL-TRU
595754	4172703	3.29896	HOTL-TRU
595774	4172703	3.2506	HOTL-TRU
595794	4172703	3.19764	HOTL-TRU
595814	4172703	3.14058	HOTL-TRU
595834	4172703	3.08091	HOTL-TRU
595294	4172723	1.58305	HOTL-TRU
595314	4172723	1.64674	HOTL-TRU
595514	4172723	2.58895	HOTL-TRU
595534	4172723	2.68459	HOTL-TRU
595554	4172723	2.78071	HOTL-TRU
595574	4172723	2.87802	HOTL-TRU
595594	4172723	2.96539	HOTL-TRU
595614	4172723	3.01479	HOTL-TRU
595634	4172723	3.05983	HOTL-TRU
595654	4172723	3.0972	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172723	3.13612	HOTL-TRU
595694	4172723	3.1524	HOTL-TRU
595714	4172723	3.14467	HOTL-TRU
595734	4172723	3.12212	HOTL-TRU
595754	4172723	3.0855	HOTL-TRU
595774	4172723	3.0459	HOTL-TRU
595794	4172723	2.98986	HOTL-TRU
595814	4172723	2.94438	HOTL-TRU
595834	4172723	2.89595	HOTL-TRU
595294	4172743	1.50222	HOTL-TRU
595314	4172743	1.5614	HOTL-TRU
595334	4172743	1.62869	HOTL-TRU
595354	4172743	1.70611	HOTL-TRU
595374	4172743	1.78586	HOTL-TRU
595534	4172743	2.5068	HOTL-TRU
595554	4172743	2.59264	HOTL-TRU
595574	4172743	2.67209	HOTL-TRU
595594	4172743	2.74986	HOTL-TRU
595614	4172743	2.81945	HOTL-TRU
595634	4172743	2.87815	HOTL-TRU
595654	4172743	2.90024	HOTL-TRU
595674	4172743	2.9385	HOTL-TRU
595694	4172743	2.94251	HOTL-TRU
595714	4172743	2.94068	HOTL-TRU
595734	4172743	2.92368	HOTL-TRU
595754	4172743	2.89343	HOTL-TRU
595774	4172743	2.85156	HOTL-TRU
595794	4172743	2.81532	HOTL-TRU
595814	4172743	2.77692	HOTL-TRU
595834	4172743	2.73496	HOTL-TRU
595274	4172763	1.37799	HOTL-TRU
595294	4172763	1.42845	HOTL-TRU
595314	4172763	1.48344	HOTL-TRU
595334	4172763	1.54647	HOTL-TRU
595354	4172763	1.6173	HOTL-TRU
595374	4172763	1.68838	HOTL-TRU
595394	4172763	1.76679	HOTL-TRU
595414	4172763	1.84764	HOTL-TRU
595534	4172763	2.34019	HOTL-TRU
595554	4172763	2.4191	HOTL-TRU
595574	4172763	2.49527	HOTL-TRU
595594	4172763	2.5651	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595614	4172763	2.62465	HOTL-TRU
595634	4172763	2.67469	HOTL-TRU
595654	4172763	2.71527	HOTL-TRU
595674	4172763	2.74172	HOTL-TRU
595694	4172763	2.75198	HOTL-TRU
595714	4172763	2.75342	HOTL-TRU
595734	4172763	2.74146	HOTL-TRU
595754	4172763	2.71805	HOTL-TRU
595774	4172763	2.68716	HOTL-TRU
595794	4172763	2.65621	HOTL-TRU
595814	4172763	2.62289	HOTL-TRU
594934	4172783	0.72847	HOTL-TRU
594954	4172783	0.75048	HOTL-TRU
594974	4172783	0.77479	HOTL-TRU
595274	4172783	1.31188	HOTL-TRU
595294	4172783	1.35982	HOTL-TRU
595314	4172783	1.41405	HOTL-TRU
595334	4172783	1.47234	HOTL-TRU
595354	4172783	1.53323	HOTL-TRU
595374	4172783	1.59966	HOTL-TRU
595394	4172783	1.67011	HOTL-TRU
595414	4172783	1.74303	HOTL-TRU
595434	4172783	1.8176	HOTL-TRU
595454	4172783	1.89364	HOTL-TRU
595514	4172783	2.11716	HOTL-TRU
595534	4172783	2.19076	HOTL-TRU
595554	4172783	2.26249	HOTL-TRU
595574	4172783	2.33264	HOTL-TRU
595594	4172783	2.39647	HOTL-TRU
595614	4172783	2.4547	HOTL-TRU
595634	4172783	2.50293	HOTL-TRU
595654	4172783	2.54031	HOTL-TRU
595674	4172783	2.56388	HOTL-TRU
595694	4172783	2.57693	HOTL-TRU
595714	4172783	2.58503	HOTL-TRU
595734	4172783	2.57895	HOTL-TRU
595754	4172783	2.56377	HOTL-TRU
595774	4172783	2.54323	HOTL-TRU
595794	4172783	2.51772	HOTL-TRU
595814	4172783	2.4847	HOTL-TRU
594894	4172803	0.66578	HOTL-TRU
594914	4172803	0.68552	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594934	4172803	0.70665	HOTL-TRU
594954	4172803	0.72857	HOTL-TRU
594974	4172803	0.75225	HOTL-TRU
595274	4172803	1.25045	HOTL-TRU
595294	4172803	1.29505	HOTL-TRU
595314	4172803	1.34571	HOTL-TRU
595334	4172803	1.4022	HOTL-TRU
595354	4172803	1.45882	HOTL-TRU
595374	4172803	1.51963	HOTL-TRU
595394	4172803	1.5834	HOTL-TRU
595414	4172803	1.64951	HOTL-TRU
595434	4172803	1.71624	HOTL-TRU
595454	4172803	1.78373	HOTL-TRU
595474	4172803	1.85264	HOTL-TRU
595494	4172803	1.92173	HOTL-TRU
595514	4172803	1.98994	HOTL-TRU
595534	4172803	2.05638	HOTL-TRU
595554	4172803	2.12144	HOTL-TRU
595574	4172803	2.18552	HOTL-TRU
595594	4172803	2.24422	HOTL-TRU
595614	4172803	2.29888	HOTL-TRU
595634	4172803	2.34554	HOTL-TRU
595654	4172803	2.38246	HOTL-TRU
595674	4172803	2.40856	HOTL-TRU
595694	4172803	2.42133	HOTL-TRU
595714	4172803	2.42418	HOTL-TRU
595734	4172803	2.42219	HOTL-TRU
595754	4172803	2.41145	HOTL-TRU
595774	4172803	2.39469	HOTL-TRU
595794	4172803	2.37254	HOTL-TRU
595814	4172803	2.34699	HOTL-TRU
594874	4172823	0.62881	HOTL-TRU
594894	4172823	0.64711	HOTL-TRU
594914	4172823	0.66629	HOTL-TRU
594934	4172823	0.6865	HOTL-TRU
594954	4172823	0.70781	HOTL-TRU
595254	4172823	1.15575	HOTL-TRU
595274	4172823	1.19412	HOTL-TRU
595294	4172823	1.23678	HOTL-TRU
595314	4172823	1.2851	HOTL-TRU
595334	4172823	1.33571	HOTL-TRU
595354	4172823	1.38907	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595374	4172823	1.44613	HOTL-TRU
595394	4172823	1.50431	HOTL-TRU
595414	4172823	1.56371	HOTL-TRU
595434	4172823	1.62456	HOTL-TRU
595454	4172823	1.68583	HOTL-TRU
595474	4172823	1.74716	HOTL-TRU
595494	4172823	1.80944	HOTL-TRU
595514	4172823	1.87155	HOTL-TRU
595534	4172823	1.93348	HOTL-TRU
595554	4172823	1.99419	HOTL-TRU
595574	4172823	2.0527	HOTL-TRU
595594	4172823	2.10741	HOTL-TRU
595614	4172823	2.15815	HOTL-TRU
595634	4172823	2.20206	HOTL-TRU
595654	4172823	2.23834	HOTL-TRU
595674	4172823	2.26517	HOTL-TRU
595694	4172823	2.27629	HOTL-TRU
595714	4172823	2.28207	HOTL-TRU
595734	4172823	2.28297	HOTL-TRU
595754	4172823	2.27497	HOTL-TRU
595774	4172823	2.26114	HOTL-TRU
595794	4172823	2.24281	HOTL-TRU
595814	4172823	2.22038	HOTL-TRU
594874	4172843	0.61232	HOTL-TRU
594894	4172843	0.62926	HOTL-TRU
594914	4172843	0.64791	HOTL-TRU
594934	4172843	0.66758	HOTL-TRU
594954	4172843	0.68826	HOTL-TRU
595254	4172843	1.10563	HOTL-TRU
595274	4172843	1.14275	HOTL-TRU
595294	4172843	1.18325	HOTL-TRU
595314	4172843	1.22853	HOTL-TRU
595334	4172843	1.27484	HOTL-TRU
595354	4172843	1.32489	HOTL-TRU
595374	4172843	1.37719	HOTL-TRU
595394	4172843	1.43076	HOTL-TRU
595414	4172843	1.48565	HOTL-TRU
595434	4172843	1.54088	HOTL-TRU
595454	4172843	1.59679	HOTL-TRU
595474	4172843	1.6521	HOTL-TRU
595494	4172843	1.7088	HOTL-TRU
595514	4172843	1.76547	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595534	4172843	1.82123	HOTL-TRU
595554	4172843	1.87675	HOTL-TRU
595574	4172843	1.93147	HOTL-TRU
595594	4172843	1.98277	HOTL-TRU
595614	4172843	2.02914	HOTL-TRU
595634	4172843	2.0714	HOTL-TRU
595654	4172843	2.10646	HOTL-TRU
595674	4172843	2.13319	HOTL-TRU
595694	4172843	2.14058	HOTL-TRU
595714	4172843	2.15607	HOTL-TRU
595734	4172843	2.15804	HOTL-TRU
595754	4172843	2.153	HOTL-TRU
595774	4172843	2.14224	HOTL-TRU
595794	4172843	2.12712	HOTL-TRU
595814	4172843	2.10832	HOTL-TRU
594854	4172863	0.58034	HOTL-TRU
594874	4172863	0.59642	HOTL-TRU
594894	4172863	0.61264	HOTL-TRU
594914	4172863	0.63031	HOTL-TRU
594934	4172863	0.64969	HOTL-TRU
595234	4172863	1.02752	HOTL-TRU
595254	4172863	1.05899	HOTL-TRU
595274	4172863	1.09391	HOTL-TRU
595294	4172863	1.13349	HOTL-TRU
595314	4172863	1.17508	HOTL-TRU
595334	4172863	1.21901	HOTL-TRU
595354	4172863	1.26509	HOTL-TRU
595374	4172863	1.31369	HOTL-TRU
595394	4172863	1.36243	HOTL-TRU
595414	4172863	1.41279	HOTL-TRU
595434	4172863	1.46363	HOTL-TRU
595454	4172863	1.51537	HOTL-TRU
595474	4172863	1.56632	HOTL-TRU
595494	4172863	1.61768	HOTL-TRU
595514	4172863	1.66891	HOTL-TRU
595534	4172863	1.71958	HOTL-TRU
595554	4172863	1.77058	HOTL-TRU
595574	4172863	1.82163	HOTL-TRU
595594	4172863	1.86953	HOTL-TRU
595614	4172863	1.9143	HOTL-TRU
595634	4172863	1.95195	HOTL-TRU
595654	4172863	1.98546	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595674	4172863	2.01042	HOTL-TRU
595694	4172863	2.02567	HOTL-TRU
595714	4172863	2.03853	HOTL-TRU
595734	4172863	2.04269	HOTL-TRU
595754	4172863	2.04017	HOTL-TRU
595774	4172863	2.03209	HOTL-TRU
595794	4172863	2.01961	HOTL-TRU
594854	4172883	0.56523	HOTL-TRU
594874	4172883	0.58052	HOTL-TRU
594894	4172883	0.59663	HOTL-TRU
594914	4172883	0.6139	HOTL-TRU
595234	4172883	0.98602	HOTL-TRU
595254	4172883	1.01606	HOTL-TRU
595274	4172883	1.04925	HOTL-TRU
595294	4172883	1.08612	HOTL-TRU
595314	4172883	1.12483	HOTL-TRU
595334	4172883	1.16682	HOTL-TRU
595354	4172883	1.21051	HOTL-TRU
595374	4172883	1.25522	HOTL-TRU
595394	4172883	1.29983	HOTL-TRU
595414	4172883	1.34577	HOTL-TRU
595434	4172883	1.39301	HOTL-TRU
595454	4172883	1.43934	HOTL-TRU
595474	4172883	1.48645	HOTL-TRU
595494	4172883	1.53341	HOTL-TRU
595514	4172883	1.58108	HOTL-TRU
595534	4172883	1.62791	HOTL-TRU
595554	4172883	1.67499	HOTL-TRU
595574	4172883	1.72151	HOTL-TRU
595594	4172883	1.76505	HOTL-TRU
595614	4172883	1.80616	HOTL-TRU
595634	4172883	1.84361	HOTL-TRU
595654	4172883	1.87634	HOTL-TRU
595674	4172883	1.89435	HOTL-TRU
595694	4172883	1.91724	HOTL-TRU
595714	4172883	1.9302	HOTL-TRU
595734	4172883	1.93618	HOTL-TRU
595754	4172883	1.93584	HOTL-TRU
595774	4172883	1.93016	HOTL-TRU
595794	4172883	1.92001	HOTL-TRU
594854	4172903	0.55106	HOTL-TRU
594874	4172903	0.56593	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
594894	4172903	0.58164	HOTL-TRU
594914	4172903	0.59852	HOTL-TRU
595234	4172903	0.94737	HOTL-TRU
595254	4172903	0.97609	HOTL-TRU
595274	4172903	1.0078	HOTL-TRU
595294	4172903	1.04229	HOTL-TRU
595314	4172903	1.07866	HOTL-TRU
595334	4172903	1.11779	HOTL-TRU
595354	4172903	1.15761	HOTL-TRU
595374	4172903	1.19924	HOTL-TRU
595394	4172903	1.242	HOTL-TRU
595414	4172903	1.2845	HOTL-TRU
595434	4172903	1.32703	HOTL-TRU
595454	4172903	1.36963	HOTL-TRU
595474	4172903	1.41255	HOTL-TRU
595494	4172903	1.45602	HOTL-TRU
595514	4172903	1.49933	HOTL-TRU
595534	4172903	1.54271	HOTL-TRU
595554	4172903	1.58665	HOTL-TRU
595574	4172903	1.6295	HOTL-TRU
595594	4172903	1.66963	HOTL-TRU
595614	4172903	1.70787	HOTL-TRU
595634	4172903	1.74357	HOTL-TRU
595654	4172903	1.7745	HOTL-TRU
595674	4172903	1.79296	HOTL-TRU
595694	4172903	1.81627	HOTL-TRU
595714	4172903	1.83014	HOTL-TRU
595734	4172903	1.83763	HOTL-TRU
595754	4172903	1.83919	HOTL-TRU
595774	4172903	1.83558	HOTL-TRU
595794	4172903	1.82766	HOTL-TRU
594854	4172923	0.53755	HOTL-TRU
594874	4172923	0.55218	HOTL-TRU
594894	4172923	0.5676	HOTL-TRU
594914	4172923	0.58422	HOTL-TRU
595254	4172923	0.93893	HOTL-TRU
595274	4172923	0.96899	HOTL-TRU
595294	4172923	1.00122	HOTL-TRU
595314	4172923	1.03558	HOTL-TRU
595334	4172923	1.07219	HOTL-TRU
595354	4172923	1.10902	HOTL-TRU
595374	4172923	1.14717	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595394	4172923	1.18608	HOTL-TRU
595414	4172923	1.22566	HOTL-TRU
595434	4172923	1.26562	HOTL-TRU
595454	4172923	1.30526	HOTL-TRU
595474	4172923	1.34501	HOTL-TRU
595494	4172923	1.38439	HOTL-TRU
595514	4172923	1.42434	HOTL-TRU
595534	4172923	1.46434	HOTL-TRU
595554	4172923	1.5052	HOTL-TRU
595574	4172923	1.54445	HOTL-TRU
595594	4172923	1.58228	HOTL-TRU
595614	4172923	1.61889	HOTL-TRU
595634	4172923	1.65208	HOTL-TRU
595654	4172923	1.67581	HOTL-TRU
595674	4172923	1.70255	HOTL-TRU
595694	4172923	1.72299	HOTL-TRU
595714	4172923	1.73755	HOTL-TRU
595734	4172923	1.74629	HOTL-TRU
595754	4172923	1.74946	HOTL-TRU
595774	4172923	1.74765	HOTL-TRU
595314	4172943	0.99541	HOTL-TRU
595334	4172943	1.02903	HOTL-TRU
595354	4172943	1.06376	HOTL-TRU
595374	4172943	1.09913	HOTL-TRU
595394	4172943	1.13536	HOTL-TRU
595414	4172943	1.17141	HOTL-TRU
595434	4172943	1.20789	HOTL-TRU
595454	4172943	1.24458	HOTL-TRU
595474	4172943	1.28159	HOTL-TRU
595494	4172943	1.31876	HOTL-TRU
595514	4172943	1.35583	HOTL-TRU
595534	4172943	1.39291	HOTL-TRU
595554	4172943	1.4301	HOTL-TRU
595574	4172943	1.46614	HOTL-TRU
595594	4172943	1.50192	HOTL-TRU
595614	4172943	1.53627	HOTL-TRU
595634	4172943	1.56751	HOTL-TRU
595654	4172943	1.58815	HOTL-TRU
595674	4172943	1.61497	HOTL-TRU
595694	4172943	1.63668	HOTL-TRU
595714	4172943	1.65167	HOTL-TRU
595734	4172943	1.66137	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595754	4172943	1.66588	HOTL-TRU
595774	4172943	1.66567	HOTL-TRU
595314	4172963	0.95725	HOTL-TRU
595334	4172963	0.98925	HOTL-TRU
595354	4172963	1.02149	HOTL-TRU
595374	4172963	1.05432	HOTL-TRU
595394	4172963	1.08751	HOTL-TRU
595414	4172963	1.12089	HOTL-TRU
595434	4172963	1.15468	HOTL-TRU
595454	4172963	1.18849	HOTL-TRU
595474	4172963	1.22216	HOTL-TRU
595494	4172963	1.25688	HOTL-TRU
595514	4172963	1.2915	HOTL-TRU
595534	4172963	1.32613	HOTL-TRU
595554	4172963	1.3606	HOTL-TRU
595574	4172963	1.39456	HOTL-TRU
595594	4172963	1.4278	HOTL-TRU
595614	4172963	1.45999	HOTL-TRU
595634	4172963	1.48656	HOTL-TRU
595654	4172963	1.51182	HOTL-TRU
595674	4172963	1.53597	HOTL-TRU
595694	4172963	1.55578	HOTL-TRU
595714	4172963	1.57095	HOTL-TRU
595734	4172963	1.58147	HOTL-TRU
595754	4172963	1.58722	HOTL-TRU
595314	4172983	0.92162	HOTL-TRU
595334	4172983	0.95146	HOTL-TRU
595354	4172983	0.98167	HOTL-TRU
595374	4172983	1.0122	HOTL-TRU
595394	4172983	1.04312	HOTL-TRU
595414	4172983	1.074	HOTL-TRU
595434	4172983	1.1053	HOTL-TRU
595454	4172983	1.13671	HOTL-TRU
595474	4172983	1.16789	HOTL-TRU
595494	4172983	1.19998	HOTL-TRU
595514	4172983	1.23163	HOTL-TRU
595534	4172983	1.26389	HOTL-TRU
595554	4172983	1.29621	HOTL-TRU
595574	4172983	1.3275	HOTL-TRU
595594	4172983	1.35874	HOTL-TRU
595614	4172983	1.38924	HOTL-TRU
595634	4172983	1.41121	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595654	4172983	1.4401	HOTL-TRU
595674	4172983	1.46324	HOTL-TRU
595694	4172983	1.48283	HOTL-TRU
595714	4172983	1.49834	HOTL-TRU
595734	4172983	1.50946	HOTL-TRU
595754	4172983	1.51615	HOTL-TRU
595314	4173003	0.88844	HOTL-TRU
595334	4173003	0.91574	HOTL-TRU
595354	4173003	0.94399	HOTL-TRU
595374	4173003	0.97256	HOTL-TRU
595394	4173003	1.00115	HOTL-TRU
595414	4173003	1.03001	HOTL-TRU
595434	4173003	1.05905	HOTL-TRU
595454	4173003	1.08835	HOTL-TRU
595474	4173003	1.11745	HOTL-TRU
595494	4173003	1.147	HOTL-TRU
595514	4173003	1.17661	HOTL-TRU
595534	4173003	1.20657	HOTL-TRU
595554	4173003	1.23659	HOTL-TRU
595574	4173003	1.2657	HOTL-TRU
595594	4173003	1.29502	HOTL-TRU
595614	4173003	1.32224	HOTL-TRU
595634	4173003	1.34647	HOTL-TRU
595654	4173003	1.37227	HOTL-TRU
595674	4173003	1.39456	HOTL-TRU
595694	4173003	1.41373	HOTL-TRU
595714	4173003	1.42927	HOTL-TRU
595734	4173003	1.44084	HOTL-TRU
595294	4173023	0.83092	HOTL-TRU
595314	4173023	0.85614	HOTL-TRU
595334	4173023	0.88228	HOTL-TRU
595354	4173023	0.9087	HOTL-TRU
595374	4173023	0.93526	HOTL-TRU
595394	4173023	0.96199	HOTL-TRU
595414	4173023	0.98885	HOTL-TRU
595434	4173023	1.01554	HOTL-TRU
595454	4173023	1.04268	HOTL-TRU
595474	4173023	1.07001	HOTL-TRU
595494	4173023	1.09774	HOTL-TRU
595514	4173023	1.12536	HOTL-TRU
595534	4173023	1.15329	HOTL-TRU
595554	4173023	1.18116	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595574	4173023	1.20868	HOTL-TRU
595594	4173023	1.23627	HOTL-TRU
595614	4173023	1.25797	HOTL-TRU
595634	4173023	1.28556	HOTL-TRU
595654	4173023	1.30924	HOTL-TRU
595674	4173023	1.33068	HOTL-TRU
595694	4173023	1.34937	HOTL-TRU
595714	4173023	1.36484	HOTL-TRU
595294	4173043	0.8026	HOTL-TRU
595314	4173043	0.8263	HOTL-TRU
595334	4173043	0.85078	HOTL-TRU
595354	4173043	0.87542	HOTL-TRU
595374	4173043	0.90023	HOTL-TRU
595394	4173043	0.92514	HOTL-TRU
595414	4173043	0.94994	HOTL-TRU
595434	4173043	0.97493	HOTL-TRU
595454	4173043	1.00018	HOTL-TRU
595474	4173043	1.02563	HOTL-TRU
595494	4173043	1.05162	HOTL-TRU
595514	4173043	1.07738	HOTL-TRU
595534	4173043	1.10326	HOTL-TRU
595554	4173043	1.12946	HOTL-TRU
595574	4173043	1.15558	HOTL-TRU
595594	4173043	1.18115	HOTL-TRU
595614	4173043	1.20215	HOTL-TRU
595634	4173043	1.22806	HOTL-TRU
595654	4173043	1.25058	HOTL-TRU
595674	4173043	1.27116	HOTL-TRU
595694	4173043	1.28933	HOTL-TRU
595294	4173063	0.7757	HOTL-TRU
595314	4173063	0.79809	HOTL-TRU
595334	4173063	0.82096	HOTL-TRU
595354	4173063	0.84403	HOTL-TRU
595374	4173063	0.86717	HOTL-TRU
595394	4173063	0.89013	HOTL-TRU
595414	4173063	0.91323	HOTL-TRU
595434	4173063	0.93662	HOTL-TRU
595454	4173063	0.96044	HOTL-TRU
595474	4173063	0.98438	HOTL-TRU
595494	4173063	1.00875	HOTL-TRU
595514	4173063	1.03283	HOTL-TRU
595534	4173063	1.05689	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595554	4173063	1.08147	HOTL-TRU
595574	4173063	1.10564	HOTL-TRU
595594	4173063	1.12796	HOTL-TRU
595614	4173063	1.15111	HOTL-TRU
595634	4173063	1.17446	HOTL-TRU
595654	4173063	1.19588	HOTL-TRU
595354	4173083	0.81426	HOTL-TRU
595374	4173083	0.83565	HOTL-TRU
595394	4173083	0.85707	HOTL-TRU
595414	4173083	0.8787	HOTL-TRU
595434	4173083	0.90064	HOTL-TRU
595454	4173083	0.92312	HOTL-TRU
595474	4173083	0.94577	HOTL-TRU
595494	4173083	0.96904	HOTL-TRU
595514	4173083	0.99171	HOTL-TRU
595534	4173083	1.01354	HOTL-TRU
595554	4173083	1.03676	HOTL-TRU
595574	4173083	1.0593	HOTL-TRU
595594	4173083	1.08196	HOTL-TRU
595614	4173083	1.10052	HOTL-TRU
595334	4173103	0.76571	HOTL-TRU
595354	4173103	0.7859	HOTL-TRU
595374	4173103	0.80586	HOTL-TRU
595394	4173103	0.82588	HOTL-TRU
595414	4173103	0.84616	HOTL-TRU
595434	4173103	0.8668	HOTL-TRU
595454	4173103	0.88808	HOTL-TRU
595474	4173103	0.90959	HOTL-TRU
595494	4173103	0.9313	HOTL-TRU
595514	4173103	0.95144	HOTL-TRU
595534	4173103	0.97311	HOTL-TRU
595334	4173123	0.74002	HOTL-TRU
595354	4173123	0.75888	HOTL-TRU
595374	4173123	0.77764	HOTL-TRU
595394	4173123	0.79646	HOTL-TRU
595414	4173123	0.81562	HOTL-TRU
595434	4173123	0.83511	HOTL-TRU
595454	4173123	0.85521	HOTL-TRU
595474	4173123	0.87567	HOTL-TRU
595494	4173123	0.89578	HOTL-TRU
595514	4173123	0.91461	HOTL-TRU
595354	4173143	0.73339	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595374	4173143	0.75111	HOTL-TRU
595394	4173143	0.76905	HOTL-TRU
595414	4173143	0.78792	HOTL-TRU
595434	4173143	0.8061	HOTL-TRU
595494	4173143	0.86137	HOTL-TRU
595354	4173163	0.70962	HOTL-TRU
595374	4173163	0.7262	HOTL-TRU
595394	4173163	0.74296	HOTL-TRU
595414	4173163	0.7605	HOTL-TRU
595434	4173163	0.77755	HOTL-TRU
595374	4173183	0.70255	HOTL-TRU
595394	4173183	0.71826	HOTL-TRU
595414	4173183	0.73426	HOTL-TRU
595434	4173183	0.75041	HOTL-TRU
595203.12	4172931.43	0.86151	HOTL-TRU
595305.29	4173022.49	0.84574	HOTL-TRU
596059.85	4172738.92	2.13568	HOTL-TRU
595782.4	4171913.24	5.55242	HOTL-TRU
595790.49	4171877.76	4.52452	HOTL-TRU
595826.59	4171700.37	1.91032	HOTL-TRU
595857.85	4171568.4	1.18824	HOTL-TRU
595427.66	4172811.08	1.65775	HOTL-TRU
595616.96	4172890.78	1.77262	HOTL-TRU
595465.61	4172972.42	1.18233	HOTL-TRU
595413.93	4172953.11	1.14533	HOTL-TRU
595207.62	4172857.58	1.00126	HOTL-TRU
595229.35	4172793.73	1.18904	HOTL-TRU
595251.41	4172717.21	1.48601	HOTL-TRU
595276.16	4172654.64	1.85239	HOTL-TRU
595286.24	4171790.65	1.96653	HOTL-TRU
595306.24	4171790.65	1.92235	HOTL-TRU
595326.24	4171790.65	1.88316	HOTL-TRU
595266.24	4171810.65	2.20853	HOTL-TRU
595286.24	4171810.65	2.15395	HOTL-TRU
595306.24	4171810.65	2.10764	HOTL-TRU
595326.24	4171810.65	2.05961	HOTL-TRU
595246.24	4171830.65	2.4959	HOTL-TRU
595266.24	4171830.65	2.43508	HOTL-TRU
595286.24	4171830.65	2.37522	HOTL-TRU
595306.24	4171830.65	2.31978	HOTL-TRU
595326.24	4171830.65	2.26508	HOTL-TRU
595226.24	4171850.65	2.82984	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595246.24	4171850.65	2.77204	HOTL-TRU
595266.24	4171850.65	2.70592	HOTL-TRU
595286.24	4171850.65	2.63749	HOTL-TRU
595306.24	4171850.65	2.56993	HOTL-TRU
595326.24	4171850.65	2.50532	HOTL-TRU
595206.24	4171870.65	3.21583	HOTL-TRU
595226.24	4171870.65	3.15906	HOTL-TRU
595246.24	4171870.65	3.09283	HOTL-TRU
595266.24	4171870.65	3.01822	HOTL-TRU
595286.24	4171870.65	2.94173	HOTL-TRU
595306.24	4171870.65	2.86411	HOTL-TRU
595186.24	4171890.65	3.63614	HOTL-TRU
595206.24	4171890.65	3.59387	HOTL-TRU
595226.24	4171890.65	3.53708	HOTL-TRU
595246.24	4171890.65	3.46888	HOTL-TRU
595266.24	4171890.65	3.38936	HOTL-TRU
595286.24	4171890.65	3.30395	HOTL-TRU
595306.24	4171890.65	3.21456	HOTL-TRU
595186.24	4171910.65	4.06026	HOTL-TRU
595206.24	4171910.65	4.02705	HOTL-TRU
595226.24	4171910.65	3.97783	HOTL-TRU
595246.24	4171910.65	3.91259	HOTL-TRU
595266.24	4171910.65	3.83169	HOTL-TRU
595286.24	4171910.65	3.7352	HOTL-TRU
595306.24	4171910.65	3.63536	HOTL-TRU
595166.24	4171930.65	4.54231	HOTL-TRU
595186.24	4171930.65	4.5454	HOTL-TRU
595206.24	4171930.65	4.53092	HOTL-TRU
595226.24	4171930.65	4.49186	HOTL-TRU
595246.24	4171930.65	4.43695	HOTL-TRU
595266.24	4171930.65	4.35537	HOTL-TRU
595286.24	4171930.65	4.25542	HOTL-TRU
595166.24	4171950.65	5.07187	HOTL-TRU
595186.24	4171950.65	5.10031	HOTL-TRU
595206.24	4171950.65	5.10872	HOTL-TRU
595226.24	4171950.65	5.08857	HOTL-TRU
595246.24	4171950.65	5.0506	HOTL-TRU
595266.24	4171950.65	4.97998	HOTL-TRU
595286.24	4171950.65	4.8845	HOTL-TRU
595146.24	4171970.65	5.56885	HOTL-TRU
595166.24	4171970.65	5.65826	HOTL-TRU
595186.24	4171970.65	5.72914	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595206.24	4171970.65	5.77373	HOTL-TRU
595226.24	4171970.65	5.7881	HOTL-TRU
595246.24	4171970.65	5.78062	HOTL-TRU
595266.24	4171970.65	5.7302	HOTL-TRU
595146.24	4171990.65	6.16207	HOTL-TRU
595166.24	4171990.65	6.31257	HOTL-TRU
595186.24	4171990.65	6.44024	HOTL-TRU
595206.24	4171990.65	6.5373	HOTL-TRU
595852.66	4171825.33	3.63722	HOTL-TRU
595852.66	4171845.33	4.01819	HOTL-TRU
595852.66	4171865.33	4.44002	HOTL-TRU
595872.66	4171865.33	4.45699	HOTL-TRU
595892.66	4171865.33	4.44916	HOTL-TRU
595832.66	4171885.33	4.88554	HOTL-TRU
595852.66	4171885.33	4.90365	HOTL-TRU
595872.66	4171885.33	4.89136	HOTL-TRU
595892.66	4171885.33	4.85222	HOTL-TRU
595832.66	4171905.33	5.42314	HOTL-TRU
595852.66	4171905.33	5.40581	HOTL-TRU
595872.66	4171905.33	5.35489	HOTL-TRU
595892.66	4171905.33	5.27583	HOTL-TRU
595912.66	4171905.33	5.17122	HOTL-TRU
595832.66	4171925.33	6.00786	HOTL-TRU
595852.66	4171925.33	5.94269	HOTL-TRU
595872.66	4171925.33	5.84226	HOTL-TRU
595892.66	4171925.33	5.71467	HOTL-TRU
595912.66	4171925.33	5.56541	HOTL-TRU
595852.66	4171945.33	6.51049	HOTL-TRU
595872.66	4171945.33	6.34973	HOTL-TRU
595892.66	4171945.33	6.16284	HOTL-TRU
595912.66	4171945.33	5.9595	HOTL-TRU
595932.66	4171945.33	5.74569	HOTL-TRU
595102.43	4172101.44	7.65504	HOTL-TRU
595122.43	4172101.44	8.27011	HOTL-TRU
595142.43	4172101.44	8.96083	HOTL-TRU
595102.43	4172121.44	7.80897	HOTL-TRU
595122.43	4172121.44	8.46897	HOTL-TRU
595142.43	4172121.44	9.22647	HOTL-TRU
595082.43	4172141.44	7.22896	HOTL-TRU
595102.43	4172141.44	7.84647	HOTL-TRU
595122.43	4172141.44	8.55162	HOTL-TRU
595142.43	4172141.44	9.36012	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595082.43	4172161.44	7.07527	HOTL-TRU
595102.43	4172161.44	7.71782	HOTL-TRU
595122.43	4172161.44	8.44035	HOTL-TRU
595142.43	4172161.44	9.27954	HOTL-TRU
595082.43	4172181.44	6.72158	HOTL-TRU
595102.43	4172181.44	7.34824	HOTL-TRU
595122.43	4172181.44	8.06688	HOTL-TRU
595142.43	4172181.44	8.89882	HOTL-TRU
595062.43	4172201.44	5.67394	HOTL-TRU
595082.43	4172201.44	6.17888	HOTL-TRU
595102.43	4172201.44	6.7601	HOTL-TRU
595122.43	4172201.44	7.42487	HOTL-TRU
595142.43	4172201.44	8.19928	HOTL-TRU
595162.43	4172201.44	9.10493	HOTL-TRU
595062.43	4172221.44	5.07409	HOTL-TRU
595082.43	4172221.44	5.51302	HOTL-TRU
595102.43	4172221.44	6.01849	HOTL-TRU
595122.43	4172221.44	6.59118	HOTL-TRU
595142.43	4172221.44	7.25818	HOTL-TRU
595162.43	4172221.44	8.03678	HOTL-TRU
595062.43	4172241.44	4.45086	HOTL-TRU
595082.43	4172241.44	4.81547	HOTL-TRU
595102.43	4172241.44	5.22708	HOTL-TRU
595122.43	4172241.44	5.69662	HOTL-TRU
595142.43	4172241.44	6.24376	HOTL-TRU
595162.43	4172241.44	6.87894	HOTL-TRU
595062.43	4172261.44	3.8693	HOTL-TRU
595082.43	4172261.44	4.16542	HOTL-TRU
595102.43	4172261.44	4.48493	HOTL-TRU
595122.43	4172261.44	4.85678	HOTL-TRU
595142.43	4172261.44	5.28949	HOTL-TRU
595042.43	4172281.44	3.15004	HOTL-TRU
595062.43	4172281.44	3.363	HOTL-TRU
595082.43	4172281.44	3.60036	HOTL-TRU
595102.43	4172281.44	3.85024	HOTL-TRU
595122.43	4172281.44	4.15525	HOTL-TRU
595142.43	4172281.44	4.48663	HOTL-TRU
595162.43	4172281.44	4.85832	HOTL-TRU
595042.43	4172301.44	2.77205	HOTL-TRU
595062.43	4172301.44	2.94803	HOTL-TRU
595082.43	4172301.44	3.13811	HOTL-TRU
595102.43	4172301.44	3.34563	HOTL-TRU

Operational Dispersion Coefficient from AERMOD

X	Y	Disperison Coefficient (ug/m3 per 1 g/sec)	Source Group
595122.43	4172301.44	3.58739	HOTL-TRU
595142.43	4172301.44	3.85526	HOTL-TRU
595162.43	4172301.44	4.15571	HOTL-TRU
595042.43	4172321.44	2.47081	HOTL-TRU
595062.43	4172321.44	2.61973	HOTL-TRU
595082.43	4172321.44	2.76962	HOTL-TRU
595102.43	4172321.44	2.9524	HOTL-TRU
595122.43	4172321.44	3.15299	HOTL-TRU
595142.43	4172321.44	3.38154	HOTL-TRU
595162.43	4172321.44	3.63248	HOTL-TRU
595022.43	4172341.44	2.11296	HOTL-TRU
595042.43	4172341.44	2.23184	HOTL-TRU
595062.43	4172341.44	2.3613	HOTL-TRU
595082.43	4172341.44	2.50156	HOTL-TRU
595102.43	4172341.44	2.65557	HOTL-TRU
595122.43	4172341.44	2.82696	HOTL-TRU
595142.43	4172341.44	3.02788	HOTL-TRU
595162.43	4172341.44	3.24973	HOTL-TRU
595509.2	4172311.1	63.69189	HOTL-TRU
595453.66	4172369.33	15.62711	HOTL-TRU
595568.33	4173021.18	1.2058	HOTL-TRU
595515	4172097	14.46564	HOTL-TRU
595271.59	4172931.11	0.95011	HOTL-TRU
595259.54	4172956.67	0.88853	HOTL-TRU
595229.53	4172979.48	0.81541	HOTL-TRU
595158.78	4172948.61	0.78934	HOTL-TRU
595424.36	4172061.47	10.17782	HOTL-TRU
595637.78	4172033.56	11.43626	HOTL-TRU
595497.98	4172569.45	4.80137	HOTL-TRU
595440.32	4172695.89	2.42122	HOTL-TRU
595531.7	4172736.24	2.55567	HOTL-TRU
595503.43	4172797.49	1.98765	HOTL-TRU
595293.61	4172706.67	1.65372	HOTL-TRU
595216.89	4172907.31	0.91717	HOTL-TRU

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
594854	4172863	0.0003	0.0451	0.5301	0.0001	0.0451	0.5301	0.0004	0.0085	0.0107	0.001	0.005	0.005	0.005
594854	4172883	0.0003	0.0407	0.4976	0.0001	0.0407	0.4976	0.0004	0.0076	0.0097	0.000	0.004	0.005	0.005
594854	4172903	0.0003	0.0373	0.4732	0.0001	0.0373	0.4732	0.0004	0.0070	0.0089	0.000	0.004	0.004	0.004
594854	4172923	0.0003	0.0340	0.4558	0.0001	0.0340	0.4558	0.0003	0.0064	0.0081	0.000	0.004	0.004	0.004
594874	4172823	0.0003	0.0580	0.6465	0.0001	0.0580	0.6465	0.0006	0.0109	0.0138	0.001	0.006	0.006	0.006
594874	4172843	0.0003	0.0534	0.5995	0.0001	0.0534	0.5995	0.0005	0.0100	0.0127	0.001	0.005	0.006	0.005
594874	4172863	0.0003	0.0486	0.5596	0.0001	0.0486	0.5596	0.0005	0.0091	0.0116	0.001	0.005	0.005	0.005
594874	4172883	0.0003	0.0434	0.5247	0.0001	0.0434	0.5247	0.0004	0.0081	0.0103	0.000	0.005	0.005	0.005
594874	4172903	0.0003	0.0397	0.5003	0.0001	0.0397	0.5003	0.0004	0.0074	0.0094	0.000	0.004	0.005	0.005
594874	4172923	0.0003	0.0369	0.4846	0.0001	0.0369	0.4846	0.0004	0.0069	0.0088	0.000	0.004	0.005	0.004
594894	4172803	0.0003	0.0703	0.7519	0.0001	0.0703	0.7519	0.0007	0.0132	0.0167	0.001	0.007	0.007	0.007
594894	4172823	0.0003	0.0638	0.6860	0.0001	0.0638	0.6860	0.0006	0.0120	0.0152	0.001	0.006	0.007	0.006
594894	4172843	0.0003	0.0572	0.6324	0.0001	0.0572	0.6324	0.0006	0.0107	0.0136	0.001	0.006	0.006	0.006
594894	4172863	0.0003	0.0517	0.5895	0.0001	0.0517	0.5895	0.0005	0.0097	0.0123	0.001	0.005	0.006	0.005
594894	4172883	0.0003	0.0460	0.5544	0.0001	0.0460	0.5544	0.0005	0.0086	0.0109	0.001	0.005	0.005	0.005
594894	4172903	0.0003	0.0415	0.5299	0.0001	0.0415	0.5299	0.0004	0.0078	0.0099	0.000	0.005	0.005	0.005
594894	4172923	0.0003	0.0391	0.5154	0.0001	0.0391	0.5154	0.0004	0.0073	0.0093	0.000	0.005	0.005	0.005
594914	4172803	0.0003	0.0770	0.7993	0.0001	0.0770	0.7993	0.0008	0.0144	0.0183	0.001	0.007	0.008	0.007
594914	4172823	0.0003	0.0702	0.7294	0.0001	0.0702	0.7294	0.0007	0.0132	0.0167	0.001	0.006	0.007	0.007
594914	4172843	0.0003	0.0630	0.6720	0.0001	0.0630	0.6720	0.0006	0.0118	0.0150	0.001	0.006	0.007	0.006
594914	4172863	0.0003	0.0559	0.6246	0.0001	0.0559	0.6246	0.0006	0.0105	0.0133	0.001	0.005	0.006	0.006
594914	4172883	0.0003	0.0497	0.5888	0.0001	0.0497	0.5888	0.0005	0.0093	0.0118	0.001	0.005	0.006	0.005
594914	4172903	0.0003	0.0451	0.5652	0.0001	0.0451	0.5652	0.0004	0.0084	0.0107	0.000	0.005	0.005	0.005
594914	4172923	0.0003	0.0424	0.5507	0.0001	0.0424	0.5507	0.0004	0.0079	0.0101	0.000	0.005	0.005	0.005
594934	4172783	0.0004	0.0923	0.9530	0.0001	0.0923	0.9530	0.0009	0.0173	0.0220	0.001	0.008	0.009	0.009
594934	4172803	0.0003	0.0850	0.8533	0.0001	0.0850	0.8533	0.0009	0.0160	0.0203	0.001	0.008	0.008	0.008
594934	4172823	0.0003	0.0773	0.7770	0.0001	0.0773	0.7770	0.0008	0.0145	0.0184	0.001	0.007	0.008	0.007
594934	4172843	0.0003	0.0693	0.7156	0.0001	0.0693	0.7156	0.0007	0.0130	0.0165	0.001	0.006	0.007	0.007
594934	4172863	0.0003	0.0616	0.6663	0.0001	0.0616	0.6663	0.0006	0.0116	0.0147	0.001	0.006	0.007	0.006
594954	4172783	0.0004	0.1021	1.0171	0.0001	0.1021	1.0171	0.0010	0.0192	0.0243	0.001	0.009	0.010	0.009
594954	4172803	0.0004	0.0945	0.9120	0.0001	0.0945	0.9120	0.0010	0.0177	0.0225	0.001	0.008	0.009	0.008
594954	4172823	0.0003	0.0858	0.8295	0.0001	0.0858	0.8295	0.0009	0.0161	0.0204	0.001	0.007	0.008	0.008
594954	4172843	0.0003	0.0766	0.7632	0.0001	0.0766	0.7632	0.0008	0.0144	0.0182	0.001	0.007	0.008	0.007
594974	4172783	0.0004	0.1143	1.0932	0.0002	0.1143	1.0932	0.0012	0.0215	0.0272	0.001	0.010	0.011	0.010
594974	4172803	0.0004	0.1060	0.9793	0.0001	0.1060	0.9793	0.0011	0.0199	0.0253	0.001	0.009	0.010	0.009
595014	4172563	0.0008	0.1537	3.4285	0.0005	0.1537	3.4285	0.0012	0.0286	0.0363	0.005	0.029	0.031	0.030
595014	4172583	0.0008	0.1559	3.4495	0.0004	0.1559	3.4495	0.0013	0.0290	0.0368	0.004	0.030	0.031	0.030
595022.43	4172341.4	0.0018	0.1292	1.3849	0.0013	0.1292	1.3849	0.0008	0.0242	0.0308	0.007	0.012	0.013	0.013

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595034	4172503	0.0012	0.1572	3.1909	0.0008	0.1572	3.1909	0.0011	0.0293	0.0372	0.007	0.028	0.028	0.028
595034	4172523	0.0011	0.1603	3.4446	0.0007	0.1603	3.4446	0.0011	0.0298	0.0379	0.007	0.030	0.031	0.030
595034	4172543	0.0010	0.1632	3.6365	0.0006	0.1632	3.6365	0.0012	0.0304	0.0385	0.006	0.031	0.032	0.032
595034	4172563	0.0009	0.1663	3.7508	0.0005	0.1663	3.7508	0.0013	0.0309	0.0392	0.005	0.032	0.033	0.033
595034	4172583	0.0008	0.1690	3.7940	0.0004	0.1690	3.7940	0.0014	0.0314	0.0399	0.005	0.033	0.034	0.033
595034	4172603	0.0007	0.1720	3.8093	0.0004	0.1720	3.8093	0.0015	0.0320	0.0406	0.004	0.033	0.034	0.033
595042.43	4172281.4	0.0020	0.1301	0.9960	0.0013	0.1301	0.9960	0.0008	0.0245	0.0311	0.007	0.009	0.010	0.010
595042.43	4172301.4	0.0020	0.1323	1.1001	0.0013	0.1323	1.1001	0.0009	0.0249	0.0315	0.007	0.010	0.011	0.010
595042.43	4172321.4	0.0020	0.1347	1.2225	0.0014	0.1347	1.2225	0.0009	0.0253	0.0321	0.007	0.011	0.012	0.012
595042.43	4172341.4	0.0019	0.1373	1.3636	0.0014	0.1373	1.3636	0.0009	0.0258	0.0327	0.008	0.012	0.013	0.013
595054	4172463	0.0016	0.1625	2.6886	0.0011	0.1625	2.6886	0.0010	0.0304	0.0385	0.008	0.023	0.024	0.024
595054	4172483	0.0014	0.1574	2.9740	0.0010	0.1574	2.9740	0.0010	0.0294	0.0373	0.008	0.026	0.027	0.026
595054	4172503	0.0013	0.1691	3.3224	0.0009	0.1691	3.3224	0.0011	0.0315	0.0400	0.008	0.029	0.030	0.029
595054	4172523	0.0012	0.1735	3.6517	0.0007	0.1735	3.6517	0.0012	0.0323	0.0410	0.007	0.031	0.032	0.032
595054	4172543	0.0011	0.1773	3.9226	0.0006	0.1773	3.9226	0.0013	0.0330	0.0418	0.007	0.034	0.035	0.034
595054	4172563	0.0010	0.1808	4.1035	0.0005	0.1808	4.1035	0.0014	0.0336	0.0427	0.006	0.035	0.036	0.036
595054	4172583	0.0009	0.1844	4.1922	0.0004	0.1844	4.1922	0.0015	0.0343	0.0435	0.005	0.036	0.037	0.037
595054	4172603	0.0008	0.1880	4.2203	0.0004	0.1880	4.2203	0.0016	0.0350	0.0444	0.005	0.036	0.038	0.037
595062.43	4172201.4	0.0023	0.1305	0.6980	0.0014	0.1305	0.6980	0.0008	0.0246	0.0312	0.006	0.007	0.008	0.007
595062.43	4172221.4	0.0022	0.1319	0.7528	0.0014	0.1319	0.7528	0.0008	0.0248	0.0315	0.006	0.007	0.008	0.008
595062.43	4172241.4	0.0022	0.1337	0.8162	0.0014	0.1337	0.8162	0.0008	0.0252	0.0319	0.006	0.008	0.009	0.008
595062.43	4172261.4	0.0021	0.1359	0.8904	0.0014	0.1359	0.8904	0.0009	0.0256	0.0324	0.007	0.008	0.009	0.009
595062.43	4172281.4	0.0021	0.1381	0.9764	0.0014	0.1381	0.9764	0.0009	0.0260	0.0330	0.007	0.009	0.010	0.009
595062.43	4172301.4	0.0021	0.1406	1.0773	0.0014	0.1406	1.0773	0.0009	0.0264	0.0336	0.008	0.010	0.011	0.010
595062.43	4172321.4	0.0021	0.1435	1.1967	0.0014	0.1435	1.1967	0.0009	0.0270	0.0342	0.008	0.011	0.012	0.011
595062.43	4172341.4	0.0021	0.1464	1.3363	0.0014	0.1464	1.3363	0.0009	0.0275	0.0349	0.008	0.012	0.013	0.013
595074	4172423	0.0019	0.1673	2.1530	0.0014	0.1673	2.1530	0.0009	0.0313	0.0398	0.009	0.019	0.020	0.020

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595074	4172443	0.0018	0.1712	2.4273	0.0013	0.1712	2.4273	0.0010	0.0320	0.0407	0.009	0.021	0.022	0.022
595074	4172463	0.0017	0.1755	2.7357	0.0012	0.1755	2.7357	0.0010	0.0328	0.0416	0.009	0.024	0.025	0.024
595074	4172483	0.0016	0.1797	3.0783	0.0011	0.1797	3.0783	0.0011	0.0336	0.0426	0.009	0.027	0.028	0.027
595074	4172503	0.0014	0.1836	3.4494	0.0009	0.1836	3.4494	0.0011	0.0342	0.0435	0.009	0.030	0.031	0.030
595074	4172523	0.0013	0.1889	3.8467	0.0008	0.1889	3.8467	0.0012	0.0352	0.0446	0.008	0.033	0.034	0.034
595074	4172543	0.0011	0.1933	4.2052	0.0007	0.1933	4.2052	0.0013	0.0360	0.0456	0.008	0.036	0.037	0.037
595074	4172563	0.0010	0.1976	4.4784	0.0006	0.1976	4.4784	0.0015	0.0367	0.0466	0.007	0.038	0.040	0.039
595074	4172583	0.0009	0.2022	4.6384	0.0005	0.2022	4.6384	0.0016	0.0376	0.0477	0.006	0.040	0.041	0.041
595074	4172603	0.0008	0.2071	4.7045	0.0004	0.2071	4.7045	0.0018	0.0385	0.0488	0.005	0.040	0.042	0.041
595082.43	4172141.4	0.0028	0.1320	0.5624	0.0015	0.1320	0.5624	0.0008	0.0249	0.0316	0.005	0.006	0.007	0.006
595082.43	4172161.4	0.0027	0.1345	0.6005	0.0015	0.1345	0.6005	0.0008	0.0254	0.0322	0.005	0.006	0.007	0.006
595082.43	4172181.4	0.0026	0.1365	0.6426	0.0015	0.1365	0.6426	0.0008	0.0257	0.0326	0.005	0.006	0.008	0.007
595082.43	4172201.4	0.0025	0.1382	0.6895	0.0015	0.1382	0.6895	0.0008	0.0260	0.0330	0.006	0.007	0.008	0.007
595082.43	4172221.4	0.0024	0.1399	0.7426	0.0015	0.1399	0.7426	0.0009	0.0264	0.0334	0.006	0.007	0.008	0.008
595082.43	4172241.4	0.0023	0.1420	0.8042	0.0014	0.1420	0.8042	0.0009	0.0267	0.0339	0.006	0.008	0.009	0.008
595082.43	4172261.4	0.0022	0.1446	0.8762	0.0014	0.1446	0.8762	0.0009	0.0272	0.0345	0.007	0.008	0.009	0.009
595082.43	4172281.4	0.0022	0.1472	0.9587	0.0015	0.1472	0.9587	0.0009	0.0277	0.0351	0.007	0.009	0.010	0.009
595082.43	4172301.4	0.0022	0.1497	1.0541	0.0015	0.1497	1.0541	0.0010	0.0282	0.0357	0.008	0.010	0.011	0.010
595082.43	4172321.4	0.0022	0.1504	1.1629	0.0015	0.1504	1.1629	0.0010	0.0283	0.0359	0.008	0.011	0.012	0.011
595082.43	4172341.4	0.0022	0.1564	1.3052	0.0015	0.1564	1.3052	0.0010	0.0294	0.0373	0.009	0.012	0.013	0.012
595094	4172423	0.0021	0.1809	2.1396	0.0015	0.1809	2.1396	0.0010	0.0339	0.0430	0.010	0.019	0.020	0.020
595094	4172443	0.0020	0.1857	2.4354	0.0014	0.1857	2.4354	0.0010	0.0348	0.0441	0.010	0.021	0.022	0.022
595094	4172463	0.0019	0.1905	2.7684	0.0013	0.1905	2.7684	0.0010	0.0356	0.0452	0.010	0.024	0.025	0.025
595094	4172483	0.0017	0.1957	3.1443	0.0012	0.1957	3.1443	0.0011	0.0366	0.0464	0.010	0.027	0.028	0.028
595094	4172503	0.0016	0.2007	3.5616	0.0010	0.2007	3.5616	0.0012	0.0375	0.0475	0.010	0.031	0.032	0.032
595094	4172523	0.0014	0.2060	4.0163	0.0009	0.2060	4.0163	0.0013	0.0384	0.0487	0.009	0.035	0.036	0.035
595094	4172543	0.0012	0.2125	4.4827	0.0007	0.2125	4.4827	0.0014	0.0396	0.0502	0.009	0.039	0.040	0.039
595094	4172563	0.0011	0.2182	4.8757	0.0006	0.2182	4.8757	0.0016	0.0406	0.0515	0.008	0.042	0.043	0.043

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595102.43	4172101.4	0.0034	0.1318	0.4930	0.0016	0.1318	0.4930	0.0007	0.0249	0.0315	0.005	0.005	0.007	0.005
595102.43	4172121.4	0.0032	0.1360	0.5239	0.0016	0.1360	0.5239	0.0008	0.0257	0.0326	0.005	0.006	0.007	0.006
595102.43	4172141.4	0.0030	0.1395	0.5574	0.0016	0.1395	0.5574	0.0008	0.0263	0.0334	0.005	0.006	0.007	0.006
595102.43	4172161.4	0.0029	0.1426	0.5954	0.0016	0.1426	0.5954	0.0008	0.0269	0.0341	0.005	0.006	0.007	0.006
595102.43	4172181.4	0.0027	0.1449	0.6361	0.0016	0.1449	0.6361	0.0009	0.0273	0.0347	0.006	0.006	0.008	0.007
595102.43	4172201.4	0.0026	0.1469	0.6821	0.0016	0.1469	0.6821	0.0009	0.0277	0.0351	0.006	0.007	0.008	0.007
595102.43	4172221.4	0.0025	0.1490	0.7340	0.0015	0.1490	0.7340	0.0009	0.0281	0.0356	0.006	0.007	0.008	0.008
595102.43	4172241.4	0.0024	0.1512	0.7929	0.0015	0.1512	0.7929	0.0010	0.0285	0.0361	0.007	0.008	0.009	0.008
595102.43	4172261.4	0.0023	0.1536	0.8606	0.0015	0.1536	0.8606	0.0010	0.0289	0.0367	0.007	0.008	0.009	0.009
595102.43	4172281.4	0.0023	0.1563	0.9389	0.0015	0.1563	0.9389	0.0010	0.0294	0.0374	0.008	0.009	0.010	0.009
595102.43	4172301.4	0.0023	0.1598	1.0321	0.0015	0.1598	1.0321	0.0010	0.0301	0.0382	0.008	0.010	0.011	0.010
595102.43	4172321.4	0.0023	0.1634	1.1413	0.0016	0.1634	1.1413	0.0010	0.0307	0.0390	0.009	0.011	0.011	0.011
595102.43	4172341.4	0.0023	0.1677	1.2737	0.0016	0.1677	1.2737	0.0010	0.0315	0.0400	0.009	0.012	0.012	0.012
595114	4172443	0.0022	0.2024	2.4214	0.0016	0.2024	2.4214	0.0010	0.0379	0.0482	0.011	0.021	0.022	0.022
595114	4172463	0.0020	0.2083	2.7811	0.0015	0.2083	2.7811	0.0011	0.0390	0.0495	0.011	0.024	0.025	0.025
595114	4172483	0.0019	0.2145	3.1913	0.0013	0.2145	3.1913	0.0011	0.0401	0.0509	0.011	0.028	0.029	0.029
595114	4172503	0.0017	0.2214	3.6596	0.0011	0.2214	3.6596	0.0012	0.0414	0.0525	0.011	0.032	0.033	0.033
595122.43	4172101.4	0.0037	0.1389	0.4919	0.0016	0.1389	0.4919	0.0008	0.0262	0.0332	0.005	0.005	0.007	0.005
595122.43	4172121.4	0.0035	0.1438	0.5217	0.0017	0.1438	0.5217	0.0008	0.0271	0.0344	0.005	0.006	0.007	0.006
595122.43	4172141.4	0.0033	0.1479	0.5545	0.0017	0.1479	0.5545	0.0008	0.0279	0.0354	0.005	0.006	0.007	0.006
595122.43	4172161.4	0.0031	0.1514	0.5907	0.0017	0.1514	0.5907	0.0009	0.0286	0.0362	0.006	0.006	0.008	0.006

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595122.43	4172181.4	0.0029	0.1543	0.6307	0.0017	0.1543	0.6307	0.0009	0.0291	0.0369	0.006	0.006	0.008	0.007
595122.43	4172201.4	0.0027	0.1567	0.6751	0.0016	0.1567	0.6751	0.0009	0.0295	0.0375	0.006	0.007	0.008	0.007
595122.43	4172221.4	0.0026	0.1590	0.7252	0.0016	0.1590	0.7252	0.0010	0.0300	0.0380	0.006	0.007	0.009	0.008
595122.43	4172241.4	0.0025	0.1616	0.7827	0.0015	0.1616	0.7827	0.0010	0.0305	0.0386	0.007	0.008	0.009	0.008
595122.43	4172261.4	0.0024	0.1646	0.8486	0.0015	0.1646	0.8486	0.0010	0.0310	0.0393	0.007	0.008	0.009	0.009
595122.43	4172281.4	0.0024	0.1687	0.9273	0.0015	0.1687	0.9273	0.0011	0.0318	0.0403	0.008	0.009	0.010	0.009
595122.43	4172301.4	0.0024	0.1723	1.0157	0.0016	0.1723	1.0157	0.0011	0.0324	0.0412	0.009	0.010	0.011	0.010
595122.43	4172321.4	0.0024	0.1762	1.1197	0.0016	0.1762	1.1197	0.0011	0.0332	0.0421	0.009	0.010	0.011	0.011
595122.43	4172341.4	0.0024	0.1808	1.2445	0.0017	0.1808	1.2445	0.0011	0.0340	0.0432	0.010	0.012	0.012	0.012
595134	4172443	0.0024	0.2226	2.3865	0.0017	0.2226	2.3865	0.0011	0.0418	0.0530	0.013	0.021	0.022	0.022
595142.43	4172101.4	0.0039	0.1469	0.4938	0.0018	0.1469	0.4938	0.0008	0.0277	0.0352	0.005	0.005	0.007	0.006
595142.43	4172121.4	0.0037	0.1527	0.5231	0.0018	0.1527	0.5231	0.0008	0.0288	0.0365	0.005	0.006	0.007	0.006
595142.43	4172141.4	0.0035	0.1576	0.5548	0.0018	0.1576	0.5548	0.0009	0.0297	0.0377	0.006	0.006	0.007	0.006
595142.43	4172161.4	0.0033	0.1617	0.5895	0.0018	0.1617	0.5895	0.0009	0.0305	0.0387	0.006	0.006	0.008	0.006
595142.43	4172181.4	0.0031	0.1650	0.6277	0.0018	0.1650	0.6277	0.0009	0.0311	0.0395	0.006	0.006	0.008	0.007
595142.43	4172201.4	0.0029	0.1679	0.6705	0.0017	0.1679	0.6705	0.0010	0.0317	0.0402	0.006	0.007	0.008	0.007
595142.43	4172221.4	0.0027	0.1705	0.7186	0.0017	0.1705	0.7186	0.0010	0.0321	0.0408	0.007	0.007	0.009	0.008
595142.43	4172241.4	0.0026	0.1740	0.7751	0.0016	0.1740	0.7751	0.0011	0.0328	0.0416	0.007	0.008	0.009	0.008
595142.43	4172261.4	0.0025	0.1778	0.8398	0.0016	0.1778	0.8398	0.0011	0.0335	0.0425	0.008	0.008	0.010	0.009
595142.43	4172281.4	0.0024	0.1820	0.9145	0.0016	0.1820	0.9145	0.0012	0.0343	0.0435	0.008	0.009	0.010	0.009

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595142.43	4172301.4	0.0024	0.1865	1.0007	0.0016	0.1865	1.0007	0.0012	0.0351	0.0446	0.009	0.010	0.011	0.010
595142.43	4172321.4	0.0025	0.1918	1.1025	0.0016	0.1918	1.1025	0.0012	0.0361	0.0458	0.010	0.010	0.011	0.011
595142.43	4172341.4	0.0025	0.1974	1.2229	0.0017	0.1974	1.2229	0.0012	0.0372	0.0471	0.011	0.011	0.012	0.012
595146.24	4171970.7	0.0054	0.0993	0.3419	0.0010	0.0993	0.3419	0.0007	0.0187	0.0238	0.003	0.004	0.006	0.004
595146.24	4171990.7	0.0052	0.1064	0.3607	0.0011	0.1064	0.3607	0.0007	0.0201	0.0255	0.003	0.004	0.006	0.004
595158.78	4172948.6	0.0004	0.1394	1.2608	0.0002	0.1394	1.2608	0.0012	0.0262	0.0332	0.001	0.011	0.014	0.012
595162.43	4172201.4	0.0031	0.1807	0.6696	0.0019	0.1807	0.6696	0.0010	0.0341	0.0432	0.006	0.007	0.009	0.007
595162.43	4172221.4	0.0029	0.1838	0.7152	0.0017	0.1838	0.7152	0.0011	0.0347	0.0440	0.007	0.007	0.009	0.008
595162.43	4172241.4	0.0027	0.1884	0.7705	0.0017	0.1884	0.7705	0.0012	0.0355	0.0451	0.007	0.008	0.009	0.008
595162.43	4172281.4	0.0025	0.1974	0.9034	0.0016	0.1974	0.9034	0.0013	0.0372	0.0472	0.009	0.009	0.010	0.009
595162.43	4172301.4	0.0025	0.2033	0.9878	0.0016	0.2033	0.9878	0.0013	0.0383	0.0486	0.010	0.009	0.011	0.010
595162.43	4172321.4	0.0025	0.2095	1.0860	0.0017	0.2095	1.0860	0.0013	0.0395	0.0501	0.011	0.010	0.012	0.011
595162.43	4172341.4	0.0026	0.2164	1.2025	0.0018	0.2164	1.2025	0.0013	0.0408	0.0517	0.011	0.011	0.012	0.012
595166.24	4171930.7	0.0059	0.0881	0.3104	0.0008	0.0881	0.3104	0.0006	0.0166	0.0211	0.002	0.004	0.005	0.003
595166.24	4171950.7	0.0059	0.0950	0.3274	0.0009	0.0950	0.3274	0.0007	0.0179	0.0227	0.003	0.004	0.006	0.004
595166.24	4171970.7	0.0058	0.1022	0.3450	0.0010	0.1022	0.3450	0.0007	0.0193	0.0245	0.003	0.004	0.006	0.004
595166.24	4171990.7	0.0056	0.1099	0.3643	0.0011	0.1099	0.3643	0.0007	0.0207	0.0263	0.003	0.005	0.006	0.004
595186.24	4171890.7	0.0061	0.0767	0.2809	0.0006	0.0767	0.2809	0.0006	0.0145	0.0184	0.002	0.004	0.005	0.003
595186.24	4171910.7	0.0063	0.0831	0.2960	0.0007	0.0831	0.2960	0.0006	0.0157	0.0199	0.002	0.004	0.005	0.003

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595186.24	4171930.7	0.0064	0.0900	0.3123	0.0008	0.0900	0.3123	0.0007	0.0170	0.0215	0.002	0.004	0.005	0.003
595186.24	4171950.7	0.0064	0.0974	0.3298	0.0009	0.0974	0.3298	0.0007	0.0184	0.0233	0.003	0.004	0.006	0.004
595186.24	4171970.7	0.0063	0.1052	0.3484	0.0010	0.1052	0.3484	0.0007	0.0198	0.0252	0.003	0.005	0.006	0.004
595186.24	4171990.7	0.0061	0.1135	0.3684	0.0011	0.1135	0.3684	0.0008	0.0214	0.0272	0.003	0.005	0.006	0.004
595203.12	4172931.4	0.0004	0.2533	1.6991	0.0002	0.2533	1.6991	0.0022	0.0477	0.0605	0.001	0.015	0.028	0.016
595206.24	4171870.7	0.0061	0.0717	0.2665	0.0005	0.0717	0.2665	0.0006	0.0135	0.0172	0.002	0.004	0.005	0.003
595206.24	4171890.7	0.0064	0.0778	0.2812	0.0006	0.0778	0.2812	0.0006	0.0147	0.0186	0.002	0.004	0.005	0.003
595206.24	4171910.7	0.0067	0.0845	0.2967	0.0007	0.0845	0.2967	0.0007	0.0159	0.0202	0.002	0.004	0.005	0.003
595206.24	4171930.7	0.0069	0.0919	0.3137	0.0007	0.0919	0.3137	0.0007	0.0173	0.0220	0.002	0.004	0.006	0.003
595206.24	4171950.7	0.0069	0.0998	0.3318	0.0008	0.0998	0.3318	0.0007	0.0188	0.0239	0.003	0.005	0.006	0.004
595206.24	4171970.7	0.0069	0.1082	0.3511	0.0009	0.1082	0.3511	0.0008	0.0204	0.0259	0.003	0.005	0.006	0.004
595206.24	4171990.7	0.0067	0.1173	0.3720	0.0011	0.1173	0.3720	0.0008	0.0221	0.0281	0.003	0.005	0.006	0.004
595207.62	4172857.6	0.0005	1.1977	3.3116	0.0002	1.1977	3.3116	0.0123	0.2261	0.2868	0.001	0.032	0.042	0.038
595216.89	4172907.3	0.0004	0.3780	2.0925	0.0002	0.3780	2.0925	0.0036	0.0712	0.0903	0.001	0.019	0.035	0.021
595226.24	4171850.7	0.0058	0.0666	0.2521	0.0005	0.0666	0.2521	0.0005	0.0126	0.0159	0.001	0.004	0.004	0.003
595226.24	4171870.7	0.0064	0.0725	0.2661	0.0005	0.0725	0.2661	0.0006	0.0137	0.0174	0.002	0.004	0.005	0.003
595226.24	4171890.7	0.0068	0.0789	0.2809	0.0006	0.0789	0.2809	0.0006	0.0149	0.0189	0.002	0.004	0.005	0.003
595226.24	4171910.7	0.0072	0.0859	0.2969	0.0006	0.0859	0.2969	0.0007	0.0162	0.0206	0.002	0.004	0.005	0.003
595226.24	4171930.7	0.0075	0.0937	0.3142	0.0007	0.0937	0.3142	0.0007	0.0177	0.0224	0.002	0.004	0.006	0.004

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595226.24	4171950.7	0.0076	0.1021	0.3328	0.0008	0.1021	0.3328	0.0008	0.0193	0.0244	0.003	0.005	0.006	0.004
595226.24	4171970.7	0.0075	0.1113	0.3530	0.0009	0.1113	0.3530	0.0008	0.0210	0.0266	0.003	0.005	0.006	0.004
595229.35	4172793.7	0.0006	1.3853	5.0657	0.0003	1.3853	5.0657	0.0117	0.2613	0.3315	0.002	0.047	0.058	0.053
595229.53	4172979.5	0.0004	0.1390	1.4578	0.0002	0.1390	1.4578	0.0015	0.0261	0.0331	0.001	0.013	0.020	0.013
595234	4172863	0.0005	0.6456	3.0962	0.0002	0.6456	3.0962	0.0123	0.1217	0.1544	0.002	0.028	0.043	0.032
595234	4172883	0.0005	0.4836	2.6378	0.0002	0.4836	2.6378	0.0083	0.0911	0.1156	0.001	0.024	0.038	0.027
595234	4172903	0.0005	0.3579	2.2690	0.0002	0.3579	2.2690	0.0047	0.0674	0.0855	0.001	0.020	0.034	0.022
595246.24	4171830.7	0.0054	0.0617	0.2389	0.0004	0.0617	0.2389	0.0005	0.0116	0.0148	0.001	0.003	0.004	0.003
595246.24	4171850.7	0.0060	0.0672	0.2517	0.0004	0.0672	0.2517	0.0005	0.0127	0.0161	0.001	0.004	0.004	0.003
595246.24	4171870.7	0.0066	0.0733	0.2655	0.0005	0.0733	0.2655	0.0006	0.0138	0.0175	0.002	0.004	0.005	0.003
595246.24	4171890.7	0.0072	0.0799	0.2805	0.0005	0.0799	0.2805	0.0007	0.0151	0.0191	0.002	0.004	0.005	0.003
595246.24	4171910.7	0.0078	0.0874	0.2968	0.0006	0.0874	0.2968	0.0007	0.0165	0.0209	0.002	0.004	0.006	0.003
595246.24	4171930.7	0.0081	0.0957	0.3147	0.0007	0.0957	0.3147	0.0008	0.0180	0.0229	0.002	0.005	0.006	0.004
595246.24	4171950.7	0.0083	0.1047	0.3339	0.0008	0.1047	0.3339	0.0008	0.0197	0.0251	0.003	0.005	0.006	0.004
595246.24	4171970.7	0.0083	0.1146	0.3550	0.0009	0.1146	0.3550	0.0009	0.0216	0.0274	0.003	0.005	0.007	0.004
595251.41	4172717.2	0.0009	1.4954	14.9679	0.0004	1.4954	14.9679	0.0138	0.2807	0.3562	0.007	0.131	0.142	0.138
595254	4172823	0.0006	0.7192	4.5156	0.0003	0.7192	4.5156	0.0398	0.1354	0.1718	0.002	0.041	0.056	0.050
595254	4172843	0.0006	0.6054	3.8447	0.0003	0.6054	3.8447	0.0283	0.1140	0.1446	0.002	0.034	0.048	0.042
595254	4172863	0.0005	0.4924	3.2647	0.0003	0.4924	3.2647	0.0159	0.0927	0.1176	0.002	0.029	0.041	0.034
595254	4172883	0.0005	0.3913	2.8091	0.0002	0.3913	2.8091	0.0086	0.0736	0.0934	0.002	0.025	0.036	0.028
595254	4172903	0.0005	0.3095	2.4631	0.0002	0.3095	2.4631	0.0052	0.0582	0.0738	0.001	0.022	0.033	0.024
595254	4172923	0.0005	0.2480	2.1953	0.0002	0.2480	2.1953	0.0035	0.0466	0.0591	0.001	0.019	0.035	0.021
595259.54	4172956.7	0.0004	0.1738	1.8609	0.0002	0.1738	1.8609	0.0022	0.0326	0.0414	0.001	0.016	0.031	0.017
595266.24	4171810.7	0.0048	0.0569	0.2265	0.0004	0.0569	0.2265	0.0005	0.0107	0.0136	0.001	0.003	0.004	0.002

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595266.24	4171830.7	0.0055	0.0620	0.2382	0.0004	0.0620	0.2382	0.0005	0.0117	0.0148	0.001	0.003	0.004	0.003
595266.24	4171850.7	0.0062	0.0677	0.2513	0.0004	0.0677	0.2513	0.0006	0.0128	0.0162	0.001	0.004	0.004	0.003
595266.24	4171870.7	0.0069	0.0740	0.2651	0.0005	0.0740	0.2651	0.0006	0.0140	0.0177	0.001	0.004	0.005	0.003
595266.24	4171890.7	0.0076	0.0809	0.2802	0.0005	0.0809	0.2802	0.0007	0.0153	0.0194	0.002	0.004	0.005	0.003
595266.24	4171910.7	0.0083	0.0888	0.2969	0.0006	0.0888	0.2969	0.0007	0.0168	0.0213	0.002	0.004	0.006	0.003
595266.24	4171930.7	0.0088	0.0975	0.3150	0.0007	0.0975	0.3150	0.0008	0.0184	0.0233	0.002	0.005	0.006	0.004
595266.24	4171950.7	0.0092	0.1071	0.3347	0.0008	0.1071	0.3347	0.0009	0.0202	0.0256	0.002	0.005	0.007	0.004
595266.24	4171970.7	0.0092	0.1178	0.3564	0.0009	0.1178	0.3564	0.0009	0.0222	0.0282	0.003	0.005	0.007	0.004
595271.59	4172931.1	0.0005	0.2128	2.2718	0.0002	0.2128	2.2718	0.0031	0.0399	0.0507	0.001	0.020	0.034	0.021
595274	4172783	0.0007	0.7191	7.3515	0.0003	0.7191	7.3515	0.0107	0.1349	0.1712	0.004	0.064	0.080	0.068
595274	4172803	0.0007	0.6381	6.0880	0.0003	0.6381	6.0880	0.0169	0.1198	0.1520	0.003	0.053	0.067	0.058
595274	4172823	0.0006	0.5579	5.0525	0.0003	0.5579	5.0525	0.0193	0.1048	0.1330	0.003	0.044	0.056	0.050
595274	4172843	0.0006	0.4788	4.2451	0.0003	0.4788	4.2451	0.0158	0.0900	0.1141	0.002	0.037	0.048	0.042
595274	4172863	0.0006	0.4001	3.5832	0.0003	0.4001	3.5832	0.0109	0.0752	0.0954	0.002	0.032	0.041	0.035
595274	4172883	0.0005	0.3303	3.1124	0.0003	0.3303	3.1124	0.0072	0.0620	0.0787	0.002	0.027	0.036	0.030
595274	4172903	0.0005	0.2726	2.7386	0.0002	0.2726	2.7386	0.0050	0.0512	0.0649	0.002	0.024	0.034	0.026
595274	4172923	0.0005	0.2269	2.4168	0.0002	0.2269	2.4168	0.0035	0.0426	0.0540	0.002	0.021	0.034	0.022
595276.16	4172654.6	0.0016	1.3843	25.3570	0.0007	1.3843	25.3570	0.0108	0.2576	0.3268	0.022	0.218	0.231	0.223
595286.24	4171790.7	0.0042	0.0522	0.2153	0.0003	0.0522	0.2153	0.0004	0.0098	0.0125	0.001	0.003	0.003	0.002
595286.24	4171810.7	0.0048	0.0569	0.2261	0.0004	0.0569	0.2261	0.0005	0.0107	0.0136	0.001	0.003	0.004	0.002
595286.24	4171830.7	0.0055	0.0622	0.2380	0.0004	0.0622	0.2380	0.0005	0.0117	0.0149	0.001	0.003	0.004	0.003
595286.24	4171850.7	0.0063	0.0681	0.2512	0.0004	0.0681	0.2512	0.0006	0.0129	0.0163	0.001	0.004	0.004	0.003
595286.24	4171870.7	0.0071	0.0747	0.2652	0.0005	0.0747	0.2652	0.0006	0.0141	0.0179	0.001	0.004	0.005	0.003

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595286.24	4171890.7	0.0080	0.0819	0.2805	0.0005	0.0819	0.2805	0.0007	0.0155	0.0196	0.002	0.004	0.005	0.003
595286.24	4171910.7	0.0088	0.0901	0.2973	0.0006	0.0901	0.2973	0.0008	0.0170	0.0216	0.002	0.005	0.006	0.003
595286.24	4171930.7	0.0096	0.0993	0.3157	0.0006	0.0993	0.3157	0.0008	0.0187	0.0238	0.002	0.005	0.006	0.004
595286.24	4171950.7	0.0101	0.1096	0.3361	0.0007	0.1096	0.3361	0.0009	0.0207	0.0262	0.002	0.005	0.007	0.004
595293.61	4172706.7	0.0013	0.8324	34.5162	0.0006	0.8324	34.5162	0.0329	0.1518	0.1926	0.016	0.292	0.310	0.301
595294	4172743	0.0009	0.6978	15.5705	0.0004	0.6978	15.5705	0.0117	0.1296	0.1645	0.007	0.133	0.148	0.137
595294	4172763	0.0009	0.6367	11.4733	0.0004	0.6367	11.4733	0.0093	0.1187	0.1506	0.006	0.099	0.112	0.102
595294	4172803	0.0007	0.5140	7.2112	0.0004	0.5140	7.2112	0.0116	0.0962	0.1221	0.004	0.062	0.073	0.066
595294	4172823	0.0007	0.4540	5.8218	0.0003	0.4540	5.8218	0.0118	0.0850	0.1079	0.003	0.051	0.060	0.054
595294	4172843	0.0006	0.3952	4.8494	0.0003	0.3952	4.8494	0.0101	0.0741	0.0940	0.003	0.042	0.050	0.045
595294	4172863	0.0006	0.3390	4.1387	0.0003	0.3390	4.1387	0.0078	0.0635	0.0806	0.002	0.036	0.044	0.038
595294	4172883	0.0006	0.2873	3.5291	0.0003	0.2873	3.5291	0.0058	0.0539	0.0683	0.002	0.031	0.038	0.033
595294	4172903	0.0005	0.2437	3.0394	0.0003	0.2437	3.0394	0.0044	0.0457	0.0579	0.002	0.026	0.034	0.028
595294	4172923	0.0005	0.2079	2.6371	0.0003	0.2079	2.6371	0.0034	0.0390	0.0494	0.002	0.023	0.032	0.024
595294	4173023	0.0004	0.1035	1.4823	0.0002	0.1035	1.4823	0.0012	0.0194	0.0246	0.001	0.013	0.015	0.013
595294	4173043	0.0004	0.0920	1.3494	0.0002	0.0920	1.3494	0.0011	0.0172	0.0219	0.001	0.012	0.014	0.012
595294	4173063	0.0004	0.0825	1.2339	0.0002	0.0825	1.2339	0.0009	0.0154	0.0196	0.001	0.011	0.012	0.011
595305.29	4173022.5	0.0004	0.1035	1.5461	0.0002	0.1035	1.5461	0.0012	0.0194	0.0246	0.001	0.013	0.016	0.014
595306.24	4171790.7	0.0041	0.0520	0.2151	0.0003	0.0520	0.2151	0.0004	0.0098	0.0124	0.001	0.003	0.003	0.002
595306.24	4171810.7	0.0048	0.0570	0.2263	0.0003	0.0570	0.2263	0.0005	0.0107	0.0136	0.001	0.003	0.004	0.002
595306.24	4171830.7	0.0055	0.0624	0.2383	0.0004	0.0624	0.2383	0.0005	0.0118	0.0149	0.001	0.003	0.004	0.003
595306.24	4171850.7	0.0064	0.0685	0.2514	0.0004	0.0685	0.2514	0.0006	0.0129	0.0164	0.001	0.004	0.004	0.003
595306.24	4171870.7	0.0073	0.0753	0.2657	0.0005	0.0753	0.2657	0.0006	0.0142	0.0180	0.001	0.004	0.005	0.003
595306.24	4171890.7	0.0083	0.0829	0.2812	0.0005	0.0829	0.2812	0.0007	0.0156	0.0199	0.002	0.004	0.005	0.003
595306.24	4171910.7	0.0094	0.0915	0.2983	0.0006	0.0915	0.2983	0.0008	0.0173	0.0219	0.002	0.005	0.006	0.003
595314	4172743	0.0011	0.5774	22.1413	0.0005	0.5774	22.1413	0.0101	0.1057	0.1341	0.010	0.188	0.200	0.191

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595314	4172763	0.0009	0.5265	15.5888	0.0005	0.5265	15.5888	0.0087	0.0972	0.1234	0.007	0.133	0.143	0.136
595314	4172803	0.0008	0.4300	8.8964	0.0004	0.4300	8.8964	0.0087	0.0801	0.1016	0.004	0.076	0.084	0.079
595314	4172863	0.0007	0.2938	4.7620	0.0003	0.2938	4.7620	0.0059	0.0549	0.0697	0.003	0.041	0.047	0.043
595314	4172883	0.0006	0.2540	3.9525	0.0003	0.2540	3.9525	0.0047	0.0475	0.0603	0.002	0.034	0.040	0.036
595314	4172903	0.0006	0.2201	3.3579	0.0003	0.2201	3.3579	0.0038	0.0412	0.0522	0.002	0.029	0.036	0.030
595314	4172923	0.0006	0.1918	2.8956	0.0003	0.1918	2.8956	0.0031	0.0359	0.0455	0.002	0.025	0.032	0.026
595314	4172943	0.0005	0.1683	2.5302	0.0003	0.1683	2.5302	0.0025	0.0315	0.0399	0.002	0.022	0.028	0.023
595314	4172963	0.0005	0.1480	2.2251	0.0002	0.1480	2.2251	0.0021	0.0277	0.0351	0.002	0.019	0.024	0.020
595314	4172983	0.0005	0.1307	1.9776	0.0002	0.1307	1.9776	0.0017	0.0244	0.0310	0.002	0.017	0.021	0.018
595314	4173003	0.0005	0.1159	1.7758	0.0002	0.1159	1.7758	0.0015	0.0217	0.0275	0.001	0.015	0.018	0.016
595314	4173023	0.0004	0.1029	1.5932	0.0002	0.1029	1.5932	0.0012	0.0192	0.0244	0.001	0.014	0.016	0.014
595314	4173043	0.0004	0.0922	1.4451	0.0002	0.0922	1.4451	0.0011	0.0172	0.0219	0.001	0.013	0.014	0.013
595314	4173063	0.0004	0.0831	1.3179	0.0002	0.0831	1.3179	0.0010	0.0155	0.0197	0.001	0.011	0.013	0.012
595326.24	4171790.7	0.0040	0.0518	0.2149	0.0003	0.0518	0.2149	0.0004	0.0098	0.0124	0.001	0.003	0.003	0.002
595326.24	4171810.7	0.0047	0.0568	0.2261	0.0003	0.0568	0.2261	0.0005	0.0107	0.0136	0.001	0.003	0.004	0.002
595326.24	4171830.7	0.0055	0.0625	0.2383	0.0004	0.0625	0.2383	0.0005	0.0118	0.0150	0.001	0.003	0.004	0.003
595326.24	4171850.7	0.0064	0.0689	0.2517	0.0004	0.0689	0.2517	0.0006	0.0130	0.0165	0.001	0.004	0.004	0.003
595334	4172743	0.0013	0.5011	35.4837	0.0006	0.5011	35.4837	0.0083	0.0889	0.1128	0.014	0.299	0.309	0.302
595334	4172763	0.0011	0.4523	22.9010	0.0005	0.4523	22.9010	0.0075	0.0821	0.1041	0.009	0.194	0.202	0.196
595334	4172823	0.0008	0.3311	8.7072	0.0004	0.3311	8.7072	0.0063	0.0614	0.0779	0.005	0.074	0.080	0.076
595334	4172843	0.0007	0.2939	6.7706	0.0004	0.2939	6.7706	0.0055	0.0547	0.0694	0.004	0.058	0.064	0.060
595334	4172863	0.0007	0.2598	5.4578	0.0004	0.2598	5.4578	0.0047	0.0484	0.0614	0.003	0.047	0.052	0.048
595334	4172883	0.0007	0.2288	4.5007	0.0003	0.2288	4.5007	0.0039	0.0427	0.0541	0.003	0.039	0.044	0.040
595334	4172903	0.0006	0.2015	3.7747	0.0003	0.2015	3.7747	0.0033	0.0376	0.0477	0.003	0.032	0.038	0.034
595334	4172923	0.0006	0.1783	3.2258	0.0003	0.1783	3.2258	0.0028	0.0333	0.0422	0.002	0.028	0.033	0.029
595334	4172943	0.0006	0.1583	2.7838	0.0003	0.1583	2.7838	0.0023	0.0296	0.0375	0.002	0.024	0.029	0.025
595334	4172963	0.0005	0.1415	2.4431	0.0003	0.1415	2.4431	0.0020	0.0264	0.0335	0.002	0.021	0.025	0.022
595334	4172983	0.0005	0.1265	2.1567	0.0003	0.1265	2.1567	0.0017	0.0236	0.0300	0.002	0.019	0.022	0.019
595334	4173003	0.0005	0.1133	1.9172	0.0002	0.1133	1.9172	0.0014	0.0212	0.0269	0.002	0.017	0.019	0.017
595334	4173023	0.0005	0.1017	1.7188	0.0002	0.1017	1.7188	0.0012	0.0190	0.0241	0.001	0.015	0.017	0.015
595334	4173043	0.0004	0.0918	1.5512	0.0002	0.0918	1.5512	0.0011	0.0171	0.0218	0.001	0.013	0.015	0.014
595334	4173063	0.0004	0.0832	1.4072	0.0002	0.0832	1.4072	0.0010	0.0155	0.0197	0.001	0.012	0.014	0.013
595334	4173103	0.0004	0.0692	1.1726	0.0002	0.0692	1.1726	0.0008	0.0129	0.0164	0.001	0.010	0.011	0.010
595334	4173123	0.0004	0.0636	1.0760	0.0002	0.0636	1.0760	0.0007	0.0119	0.0151	0.001	0.009	0.010	0.010
595354	4172763	0.0012	0.4040	36.8564	0.0006	0.4040	36.8564	0.0063	0.0709	0.0899	0.013	0.311	0.318	0.313

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595354	4172783	0.0011	0.3602	22.0426	0.0005	0.3602	22.0426	0.0060	0.0650	0.0825	0.009	0.186	0.192	0.188
595354	4172803	0.0010	0.3248	14.8985	0.0005	0.3248	14.8985	0.0056	0.0594	0.0753	0.007	0.126	0.132	0.128
595354	4172823	0.0009	0.2920	10.6773	0.0005	0.2920	10.6773	0.0051	0.0538	0.0682	0.006	0.091	0.096	0.092
595354	4172843	0.0008	0.2616	8.0775	0.0004	0.2616	8.0775	0.0045	0.0484	0.0614	0.005	0.069	0.074	0.070
595354	4172863	0.0008	0.2335	6.3423	0.0004	0.2335	6.3423	0.0039	0.0433	0.0549	0.004	0.054	0.059	0.055
595354	4172903	0.0007	0.1856	4.2550	0.0004	0.1856	4.2550	0.0029	0.0345	0.0438	0.003	0.036	0.041	0.037
595354	4172923	0.0006	0.1661	3.5880	0.0003	0.1661	3.5880	0.0025	0.0309	0.0392	0.003	0.031	0.035	0.032
595354	4172943	0.0006	0.1493	3.0766	0.0003	0.1493	3.0766	0.0021	0.0278	0.0353	0.002	0.026	0.030	0.027
595354	4172963	0.0006	0.1348	2.6732	0.0003	0.1348	2.6732	0.0019	0.0251	0.0319	0.002	0.023	0.026	0.024
595354	4172983	0.0005	0.1220	2.3444	0.0003	0.1220	2.3444	0.0016	0.0228	0.0289	0.002	0.020	0.023	0.021
595354	4173003	0.0005	0.1103	2.0708	0.0003	0.1103	2.0708	0.0014	0.0206	0.0261	0.002	0.018	0.020	0.018
595354	4173023	0.0005	0.1000	1.8458	0.0002	0.1000	1.8458	0.0012	0.0187	0.0237	0.002	0.016	0.018	0.016
595354	4173043	0.0005	0.0908	1.6565	0.0002	0.0908	1.6565	0.0011	0.0170	0.0215	0.001	0.014	0.016	0.015
595354	4173063	0.0005	0.0828	1.4958	0.0002	0.0828	1.4958	0.0010	0.0155	0.0196	0.001	0.013	0.014	0.013
595354	4173083	0.0004	0.0757	1.3573	0.0002	0.0757	1.3573	0.0009	0.0141	0.0179	0.001	0.012	0.013	0.012
595354	4173103	0.0004	0.0694	1.2363	0.0002	0.0694	1.2363	0.0008	0.0130	0.0165	0.001	0.011	0.012	0.011
595354	4173123	0.0004	0.0639	1.1305	0.0002	0.0639	1.1305	0.0007	0.0119	0.0152	0.001	0.010	0.011	0.010
595354	4173143	0.0004	0.0591	1.0389	0.0002	0.0591	1.0389	0.0006	0.0110	0.0140	0.001	0.009	0.010	0.009
595354	4173163	0.0004	0.0549	0.9607	0.0002	0.0549	0.9607	0.0006	0.0103	0.0130	0.001	0.008	0.009	0.009
595374	4172763	0.0013	0.3677	61.3982	0.0007	0.3677	61.3982	0.0052	0.0619	0.0786	0.018	0.516	0.522	0.518
595374	4172783	0.0012	0.3233	31.4281	0.0006	0.3233	31.4281	0.0050	0.0571	0.0725	0.012	0.265	0.270	0.266
595374	4172803	0.0011	0.2906	19.4221	0.0006	0.2906	19.4221	0.0047	0.0524	0.0665	0.009	0.164	0.169	0.166
595374	4172823	0.0010	0.2624	13.3171	0.0005	0.2624	13.3171	0.0042	0.0479	0.0607	0.007	0.113	0.117	0.114
595374	4172843	0.0009	0.2363	9.6901	0.0005	0.2363	9.6901	0.0038	0.0434	0.0551	0.006	0.082	0.086	0.084
595374	4172863	0.0008	0.2128	7.4213	0.0005	0.2128	7.4213	0.0033	0.0393	0.0498	0.005	0.063	0.067	0.064
595374	4172883	0.0008	0.1918	5.9205	0.0004	0.1918	5.9205	0.0029	0.0355	0.0450	0.004	0.050	0.054	0.051
595374	4172903	0.0007	0.1725	4.7948	0.0004	0.1725	4.7948	0.0025	0.0320	0.0406	0.003	0.041	0.045	0.042
595374	4172923	0.0007	0.1556	3.9778	0.0004	0.1556	3.9778	0.0022	0.0289	0.0367	0.003	0.034	0.037	0.035
595374	4172943	0.0006	0.1412	3.3731	0.0003	0.1412	3.3731	0.0020	0.0263	0.0333	0.003	0.029	0.032	0.030
595374	4172963	0.0006	0.1286	2.9038	0.0003	0.1286	2.9038	0.0017	0.0239	0.0304	0.002	0.025	0.028	0.026
595374	4172983	0.0006	0.1173	2.5278	0.0003	0.1173	2.5278	0.0015	0.0219	0.0277	0.002	0.022	0.024	0.022
595374	4173003	0.0005	0.1071	2.2212	0.0003	0.1071	2.2212	0.0014	0.0200	0.0253	0.002	0.019	0.021	0.020
595374	4173023	0.0005	0.0978	1.9685	0.0003	0.0978	1.9685	0.0012	0.0182	0.0231	0.002	0.017	0.019	0.017
595374	4173043	0.0005	0.0895	1.7587	0.0003	0.0895	1.7587	0.0011	0.0167	0.0212	0.002	0.015	0.017	0.016
595374	4173063	0.0005	0.0820	1.5813	0.0002	0.0820	1.5813	0.0010	0.0153	0.0194	0.002	0.014	0.015	0.014
595374	4173083	0.0005	0.0753	1.4279	0.0002	0.0753	1.4279	0.0009	0.0140	0.0178	0.001	0.012	0.013	0.013
595374	4173103	0.0004	0.0693	1.2964	0.0002	0.0693	1.2964	0.0008	0.0129	0.0164	0.001	0.011	0.012	0.011
595374	4173123	0.0004	0.0640	1.1827	0.0002	0.0640	1.1827	0.0007	0.0120	0.0152	0.001	0.010	0.011	0.010
595374	4173143	0.0004	0.0594	1.0849	0.0002	0.0594	1.0849	0.0006	0.0111	0.0141	0.001	0.009	0.010	0.010

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595374	4173163	0.0004	0.0553	1.0005	0.0002	0.0553	1.0005	0.0006	0.0103	0.0131	0.001	0.009	0.009	0.009
595374	4173183	0.0004	0.0516	0.9259	0.0002	0.0516	0.9259	0.0005	0.0096	0.0122	0.001	0.008	0.009	0.008
595394	4172783	0.0013	0.2927	40.8799	0.0007	0.2927	40.8799	0.0042	0.0509	0.0646	0.015	0.344	0.349	0.345
595394	4172803	0.0012	0.2631	24.0081	0.0007	0.2631	24.0081	0.0039	0.0469	0.0596	0.011	0.202	0.207	0.204
595394	4172823	0.0011	0.2382	15.8713	0.0006	0.2382	15.8713	0.0036	0.0431	0.0547	0.008	0.134	0.138	0.135
595394	4172843	0.0010	0.2158	11.2710	0.0006	0.2158	11.2710	0.0032	0.0394	0.0500	0.007	0.095	0.099	0.097
595394	4172863	0.0009	0.1955	8.4354	0.0005	0.1955	8.4354	0.0029	0.0359	0.0455	0.006	0.072	0.075	0.073
595394	4172883	0.0008	0.1774	6.6034	0.0005	0.1774	6.6034	0.0025	0.0327	0.0415	0.005	0.056	0.059	0.057
595394	4172923	0.0007	0.1466	4.3675	0.0004	0.1466	4.3675	0.0020	0.0271	0.0344	0.003	0.037	0.040	0.038
595394	4172943	0.0007	0.1340	3.6743	0.0004	0.1340	3.6743	0.0018	0.0249	0.0315	0.003	0.031	0.034	0.032
595394	4172963	0.0007	0.1228	3.1315	0.0004	0.1228	3.1315	0.0016	0.0228	0.0289	0.003	0.027	0.029	0.027
595394	4172983	0.0006	0.1128	2.7101	0.0003	0.1128	2.7101	0.0015	0.0210	0.0266	0.002	0.023	0.025	0.024
595394	4173003	0.0006	0.1037	2.3666	0.0003	0.1037	2.3666	0.0013	0.0193	0.0245	0.002	0.020	0.022	0.021
595394	4173023	0.0006	0.0955	2.0890	0.0003	0.0955	2.0890	0.0012	0.0178	0.0226	0.002	0.018	0.019	0.018
595394	4173043	0.0005	0.0879	1.8587	0.0003	0.0879	1.8587	0.0010	0.0164	0.0208	0.002	0.016	0.017	0.016
595394	4173063	0.0005	0.0809	1.6628	0.0003	0.0809	1.6628	0.0009	0.0151	0.0191	0.002	0.014	0.015	0.015
595394	4173083	0.0005	0.0746	1.4966	0.0002	0.0746	1.4966	0.0009	0.0139	0.0176	0.002	0.013	0.014	0.013
595394	4173103	0.0005	0.0689	1.3550	0.0002	0.0689	1.3550	0.0008	0.0129	0.0163	0.001	0.012	0.013	0.012
595394	4173123	0.0004	0.0639	1.2336	0.0002	0.0639	1.2336	0.0007	0.0119	0.0151	0.001	0.011	0.011	0.011
595394	4173143	0.0004	0.0594	1.1306	0.0002	0.0594	1.1306	0.0006	0.0111	0.0141	0.001	0.010	0.010	0.010
595394	4173163	0.0004	0.0554	1.0399	0.0002	0.0554	1.0399	0.0006	0.0103	0.0131	0.001	0.009	0.010	0.009
595394	4173183	0.0004	0.0519	0.9602	0.0002	0.0519	0.9602	0.0006	0.0097	0.0123	0.001	0.008	0.009	0.009
595413.93	4172953.1	0.0007	0.1222	3.6636	0.0004	0.1222	3.6636	0.0016	0.0226	0.0287	0.003	0.031	0.033	0.032
595414	4172783	0.0014	0.2646	42.0691	0.0009	0.2646	42.0691	0.0036	0.0459	0.0583	0.019	0.354	0.358	0.355
595414	4172803	0.0013	0.2395	26.1189	0.0008	0.2395	26.1189	0.0034	0.0425	0.0539	0.014	0.220	0.224	0.221
595414	4172823	0.0012	0.2178	17.5647	0.0007	0.2178	17.5647	0.0031	0.0392	0.0497	0.010	0.148	0.152	0.149
595414	4172843	0.0011	0.1986	12.6006	0.0006	0.1986	12.6006	0.0028	0.0361	0.0458	0.008	0.107	0.110	0.108
595414	4172863	0.0010	0.1811	9.4270	0.0006	0.1811	9.4270	0.0025	0.0331	0.0420	0.007	0.080	0.083	0.081
595414	4172883	0.0009	0.1653	7.3266	0.0005	0.1653	7.3266	0.0023	0.0303	0.0385	0.005	0.062	0.065	0.063
595414	4172903	0.0009	0.1514	5.8871	0.0005	0.1514	5.8871	0.0020	0.0279	0.0354	0.005	0.050	0.053	0.051
595414	4172923	0.0008	0.1386	4.7945	0.0005	0.1386	4.7945	0.0018	0.0256	0.0325	0.004	0.041	0.043	0.041
595414	4172943	0.0007	0.1273	3.9932	0.0004	0.1273	3.9932	0.0017	0.0236	0.0299	0.003	0.034	0.036	0.035
595414	4172963	0.0007	0.1174	3.3816	0.0004	0.1174	3.3816	0.0015	0.0218	0.0276	0.003	0.029	0.031	0.029
595414	4172983	0.0007	0.1085	2.9076	0.0004	0.1085	2.9076	0.0014	0.0201	0.0255	0.003	0.025	0.027	0.025
595414	4173003	0.0006	0.1004	2.5279	0.0003	0.1004	2.5279	0.0012	0.0186	0.0237	0.002	0.022	0.023	0.022
595414	4173023	0.0006	0.0929	2.2207	0.0003	0.0929	2.2207	0.0011	0.0173	0.0219	0.002	0.019	0.020	0.019
595414	4173043	0.0006	0.0860	1.9652	0.0003	0.0860	1.9652	0.0010	0.0160	0.0203	0.002	0.017	0.018	0.017
595414	4173063	0.0005	0.0796	1.7514	0.0003	0.0796	1.7514	0.0009	0.0148	0.0188	0.002	0.015	0.016	0.015

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595414	4173083	0.0005	0.0737	1.5716	0.0003	0.0737	1.5716	0.0008	0.0137	0.0174	0.002	0.014	0.014	0.014
595414	4173103	0.0005	0.0684	1.4191	0.0002	0.0684	1.4191	0.0008	0.0127	0.0162	0.002	0.012	0.013	0.013
595414	4173123	0.0005	0.0636	1.2894	0.0002	0.0636	1.2894	0.0007	0.0119	0.0150	0.001	0.011	0.012	0.011
595414	4173143	0.0004	0.0595	1.1837	0.0002	0.0595	1.1837	0.0006	0.0111	0.0141	0.001	0.010	0.011	0.010
595414	4173163	0.0004	0.0556	1.0848	0.0002	0.0556	1.0848	0.0006	0.0104	0.0132	0.001	0.009	0.010	0.010
595414	4173183	0.0004	0.0520	0.9970	0.0002	0.0520	0.9970	0.0006	0.0097	0.0123	0.001	0.009	0.009	0.009
595424.36	4172061.5	0.0249	0.2829	0.5668	0.0013	0.2829	0.5668	0.0023	0.0534	0.0678	0.005	0.011	0.019	0.007
595427.66	4172811.1	0.0013	0.2169	21.7864	0.0008	0.2169	21.7864	0.0030	0.0387	0.0491	0.014	0.184	0.187	0.185
595434	4172783	0.0016	0.2397	36.6043	0.0010	0.2397	36.6043	0.0031	0.0418	0.0530	0.024	0.308	0.312	0.309
595434	4172803	0.0014	0.2187	24.6693	0.0009	0.2187	24.6693	0.0029	0.0388	0.0492	0.016	0.208	0.211	0.209
595434	4172823	0.0013	0.2003	17.4484	0.0008	0.2003	17.4484	0.0027	0.0360	0.0456	0.012	0.147	0.150	0.148
595434	4172843	0.0012	0.1837	12.9077	0.0007	0.1837	12.9077	0.0025	0.0333	0.0422	0.009	0.109	0.112	0.110
595434	4172863	0.0011	0.1685	9.8855	0.0007	0.1685	9.8855	0.0023	0.0307	0.0390	0.007	0.084	0.086	0.084
595434	4172883	0.0010	0.1549	7.8136	0.0006	0.1549	7.8136	0.0020	0.0284	0.0360	0.006	0.066	0.069	0.067
595434	4172903	0.0009	0.1425	6.3014	0.0005	0.1425	6.3014	0.0018	0.0262	0.0332	0.005	0.054	0.056	0.054
595434	4172943	0.0008	0.1213	4.3081	0.0005	0.1213	4.3081	0.0015	0.0224	0.0284	0.004	0.037	0.039	0.037
595434	4172963	0.0007	0.1124	3.6457	0.0004	0.1124	3.6457	0.0014	0.0208	0.0264	0.003	0.031	0.033	0.032
595434	4172983	0.0007	0.1044	3.1267	0.0004	0.1044	3.1267	0.0013	0.0193	0.0245	0.003	0.027	0.028	0.027
595434	4173003	0.0007	0.0971	2.7096	0.0004	0.0971	2.7096	0.0012	0.0180	0.0228	0.003	0.023	0.025	0.024
595434	4173023	0.0006	0.0903	2.3687	0.0003	0.0903	2.3687	0.0011	0.0168	0.0213	0.002	0.020	0.022	0.021
595434	4173043	0.0006	0.0840	2.0902	0.0003	0.0840	2.0902	0.0010	0.0156	0.0198	0.002	0.018	0.019	0.018
595434	4173063	0.0006	0.0781	1.8570	0.0003	0.0781	1.8570	0.0009	0.0145	0.0184	0.002	0.016	0.017	0.016
595434	4173083	0.0005	0.0727	1.6615	0.0003	0.0727	1.6615	0.0008	0.0135	0.0172	0.002	0.014	0.015	0.015
595434	4173103	0.0005	0.0677	1.4960	0.0003	0.0677	1.4960	0.0008	0.0126	0.0160	0.002	0.013	0.014	0.013
595434	4173123	0.0005	0.0632	1.3559	0.0002	0.0632	1.3559	0.0007	0.0118	0.0149	0.001	0.012	0.012	0.012
595434	4173143	0.0005	0.0592	1.2401	0.0002	0.0592	1.2401	0.0006	0.0110	0.0140	0.001	0.011	0.011	0.011
595434	4173163	0.0004	0.0554	1.1333	0.0002	0.0554	1.1333	0.0006	0.0103	0.0131	0.001	0.010	0.010	0.010
595434	4173183	0.0004	0.0520	1.0397	0.0002	0.0520	1.0397	0.0006	0.0097	0.0123	0.001	0.009	0.009	0.009
595440.32	4172695.9	0.0031	0.3311	102.0146	0.0020	0.3311	102.0146	0.0035	0.0532	0.0676	0.090	0.857	0.862	0.858
595453.66	4172369.3	0.0046	0.5400	1.4717	0.0026	0.5400	1.4717	0.0233	0.1019	0.1293	0.038	0.015	0.038	0.021
595454	4172803	0.0015	0.2006	21.6918	0.0010	0.2006	21.6918	0.0026	0.0357	0.0453	0.019	0.183	0.186	0.184
595454	4172823	0.0014	0.1849	16.1335	0.0009	0.1849	16.1335	0.0024	0.0332	0.0422	0.014	0.136	0.139	0.137
595454	4172843	0.0013	0.1706	12.3455	0.0008	0.1706	12.3455	0.0022	0.0309	0.0392	0.010	0.104	0.107	0.105
595454	4172863	0.0012	0.1575	9.7168	0.0007	0.1575	9.7168	0.0020	0.0287	0.0364	0.008	0.082	0.085	0.083
595454	4172883	0.0011	0.1454	7.7968	0.0007	0.1454	7.7968	0.0018	0.0266	0.0337	0.007	0.066	0.068	0.067

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595454	4172903	0.0010	0.1345	6.3921	0.0006	0.1345	6.3921	0.0017	0.0247	0.0313	0.006	0.054	0.056	0.055
595454	4172943	0.0009	0.1157	4.4852	0.0005	0.1157	4.4852	0.0014	0.0213	0.0271	0.004	0.038	0.040	0.039
595454	4172963	0.0008	0.1076	3.8237	0.0005	0.1076	3.8237	0.0013	0.0199	0.0252	0.004	0.033	0.034	0.033
595454	4172983	0.0007	0.1004	3.2979	0.0004	0.1004	3.2979	0.0012	0.0186	0.0236	0.003	0.028	0.030	0.029
595454	4173003	0.0007	0.0938	2.8690	0.0004	0.0938	2.8690	0.0011	0.0174	0.0221	0.003	0.025	0.026	0.025
595454	4173023	0.0007	0.0876	2.5115	0.0004	0.0876	2.5115	0.0010	0.0163	0.0206	0.003	0.021	0.023	0.022
595454	4173043	0.0006	0.0819	2.2167	0.0003	0.0819	2.2167	0.0009	0.0152	0.0193	0.002	0.019	0.020	0.019
595454	4173063	0.0006	0.0766	1.9705	0.0003	0.0766	1.9705	0.0009	0.0142	0.0181	0.002	0.017	0.018	0.017
595454	4173083	0.0006	0.0716	1.7623	0.0003	0.0716	1.7623	0.0008	0.0133	0.0169	0.002	0.015	0.016	0.015
595454	4173103	0.0005	0.0670	1.5854	0.0003	0.0670	1.5854	0.0007	0.0125	0.0158	0.002	0.014	0.014	0.014
595454	4173123	0.0005	0.0627	1.4345	0.0003	0.0627	1.4345	0.0007	0.0117	0.0148	0.002	0.012	0.013	0.013
595465.61	4172972.4	0.0008	0.1017	3.6033	0.0005	0.1017	3.6033	0.0012	0.0188	0.0238	0.004	0.031	0.032	0.031
595474	4172803	0.0016	0.1851	18.5149	0.0011	0.1851	18.5149	0.0023	0.0331	0.0420	0.020	0.156	0.160	0.157
595474	4172823	0.0015	0.1714	14.4091	0.0010	0.1714	14.4091	0.0021	0.0309	0.0392	0.014	0.122	0.125	0.122
595474	4172843	0.0014	0.1589	11.3740	0.0009	0.1589	11.3740	0.0020	0.0288	0.0365	0.011	0.096	0.099	0.097
595474	4172863	0.0012	0.1476	9.1745	0.0008	0.1476	9.1745	0.0018	0.0269	0.0341	0.009	0.078	0.080	0.078
595474	4172883	0.0011	0.1370	7.5039	0.0007	0.1370	7.5039	0.0017	0.0250	0.0318	0.007	0.064	0.066	0.064
595474	4172903	0.0011	0.1273	6.2326	0.0007	0.1273	6.2326	0.0015	0.0233	0.0296	0.006	0.053	0.055	0.053
595474	4172923	0.0010	0.1185	5.2649	0.0006	0.1185	5.2649	0.0014	0.0218	0.0276	0.005	0.045	0.047	0.045
595474	4172963	0.0008	0.1031	3.8585	0.0005	0.1031	3.8585	0.0012	0.0190	0.0241	0.004	0.033	0.034	0.033
595474	4172983	0.0008	0.0966	3.3582	0.0005	0.0966	3.3582	0.0011	0.0179	0.0227	0.003	0.029	0.030	0.029
595474	4173003	0.0007	0.0906	2.9462	0.0004	0.0906	2.9462	0.0011	0.0168	0.0213	0.003	0.025	0.026	0.026
595474	4173023	0.0007	0.0850	2.5989	0.0004	0.0850	2.5989	0.0010	0.0158	0.0200	0.003	0.022	0.023	0.023
595474	4173043	0.0007	0.0798	2.3060	0.0004	0.0798	2.3060	0.0009	0.0148	0.0188	0.002	0.020	0.021	0.020
595474	4173063	0.0006	0.0749	2.0593	0.0003	0.0749	2.0593	0.0008	0.0139	0.0176	0.002	0.018	0.019	0.018
595474	4173083	0.0006	0.0704	1.8487	0.0003	0.0704	1.8487	0.0008	0.0131	0.0166	0.002	0.016	0.017	0.016
595474	4173103	0.0006	0.0661	1.6678	0.0003	0.0661	1.6678	0.0007	0.0123	0.0156	0.002	0.014	0.015	0.015
595474	4173123	0.0005	0.0621	1.5118	0.0003	0.0621	1.5118	0.0007	0.0116	0.0147	0.002	0.013	0.014	0.013
595494	4172823	0.0016	0.1598	12.6733	0.0011	0.1598	12.6733	0.0019	0.0288	0.0366	0.015	0.107	0.111	0.108
595494	4172843	0.0014	0.1488	10.3281	0.0010	0.1488	10.3281	0.0018	0.0270	0.0343	0.011	0.087	0.090	0.088
595494	4172863	0.0013	0.1388	8.5099	0.0009	0.1388	8.5099	0.0017	0.0253	0.0321	0.009	0.072	0.074	0.073
595494	4172883	0.0012	0.1294	7.0782	0.0008	0.1294	7.0782	0.0015	0.0236	0.0300	0.008	0.060	0.062	0.061
595494	4172903	0.0011	0.1207	5.9613	0.0007	0.1207	5.9613	0.0014	0.0221	0.0281	0.006	0.051	0.053	0.051
595494	4172923	0.0010	0.1128	5.0763	0.0007	0.1128	5.0763	0.0013	0.0207	0.0263	0.005	0.043	0.045	0.044
595494	4172963	0.0009	0.0990	3.8010	0.0005	0.0990	3.8010	0.0011	0.0183	0.0232	0.004	0.032	0.034	0.033
595494	4172983	0.0008	0.0930	3.3334	0.0005	0.0930	3.3334	0.0011	0.0172	0.0218	0.004	0.028	0.030	0.029
595494	4173003	0.0008	0.0875	2.9439	0.0005	0.0875	2.9439	0.0010	0.0162	0.0205	0.003	0.025	0.026	0.026
595494	4173023	0.0007	0.0824	2.6175	0.0004	0.0824	2.6175	0.0009	0.0153	0.0194	0.003	0.022	0.023	0.023

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595494	4173043	0.0007	0.0777	2.3392	0.0004	0.0777	2.3392	0.0009	0.0144	0.0183	0.003	0.020	0.021	0.020
595494	4173063	0.0007	0.0732	2.1024	0.0004	0.0732	2.1024	0.0008	0.0136	0.0172	0.002	0.018	0.019	0.018
595494	4173083	0.0006	0.0691	1.9006	0.0003	0.0691	1.9006	0.0008	0.0128	0.0163	0.002	0.016	0.017	0.017
595494	4173103	0.0006	0.0651	1.7220	0.0003	0.0651	1.7220	0.0007	0.0121	0.0153	0.002	0.015	0.015	0.015
595494	4173123	0.0006	0.0613	1.5655	0.0003	0.0613	1.5655	0.0007	0.0114	0.0145	0.002	0.013	0.014	0.014
595494	4173143	0.0005	0.0577	1.4231	0.0003	0.0577	1.4231	0.0006	0.0107	0.0136	0.002	0.012	0.013	0.012
595497.98	4172569.5	0.0221	0.2931	7.2581	0.0199	0.2931	7.2581	0.0026	0.0543	0.0689	0.102	0.066	0.069	0.067
595503.43	4172797.5	0.0018	0.1689	14.9453	0.0012	0.1689	14.9453	0.0020	0.0304	0.0385	0.021	0.126	0.133	0.127
595509.2	4172311.1	0.0103	0.4691	1.1758	0.0063	0.4691	1.1758	0.0044	0.0886	0.1124	0.029	0.014	0.040	0.015
595514	4171823	0.0035	0.0585	0.2304	0.0003	0.0585	0.2304	0.0004	0.0110	0.0140	0.001	0.003	0.003	0.002
595514	4171843	0.0040	0.0657	0.2441	0.0004	0.0657	0.2441	0.0005	0.0124	0.0157	0.001	0.003	0.003	0.003
595514	4171863	0.0047	0.0744	0.2597	0.0004	0.0744	0.2597	0.0005	0.0140	0.0178	0.001	0.003	0.004	0.003
595514	4171883	0.0058	0.0856	0.2785	0.0004	0.0856	0.2785	0.0006	0.0161	0.0205	0.001	0.004	0.004	0.003
595514	4171903	0.0072	0.0990	0.2996	0.0005	0.0990	0.2996	0.0007	0.0187	0.0237	0.001	0.004	0.005	0.003
595514	4172783	0.0020	0.1701	15.0099	0.0014	0.1701	15.0099	0.0019	0.0306	0.0388	0.023	0.127	0.138	0.127
595514	4172823	0.0016	0.1494	11.0108	0.0011	0.1494	11.0108	0.0017	0.0271	0.0343	0.014	0.093	0.097	0.094
595514	4172843	0.0015	0.1398	9.2744	0.0010	0.1398	9.2744	0.0016	0.0254	0.0322	0.011	0.079	0.081	0.079
595514	4172863	0.0014	0.1309	7.7988	0.0009	0.1309	7.7988	0.0015	0.0239	0.0303	0.009	0.066	0.069	0.067
595514	4172883	0.0013	0.1226	6.6126	0.0008	0.1226	6.6126	0.0014	0.0224	0.0284	0.008	0.056	0.058	0.057
595514	4172903	0.0012	0.1147	5.6341	0.0008	0.1147	5.6341	0.0013	0.0210	0.0267	0.006	0.048	0.050	0.048
595514	4172923	0.0011	0.1076	4.8463	0.0007	0.1076	4.8463	0.0012	0.0198	0.0251	0.006	0.041	0.043	0.042
595514	4172943	0.0010	0.1012	4.2158	0.0006	0.1012	4.2158	0.0012	0.0186	0.0236	0.005	0.036	0.037	0.036
595514	4172963	0.0009	0.0951	3.6874	0.0006	0.0951	3.6874	0.0011	0.0175	0.0223	0.004	0.031	0.033	0.032
595514	4172983	0.0009	0.0896	3.2491	0.0005	0.0896	3.2491	0.0010	0.0165	0.0210	0.004	0.028	0.029	0.028
595514	4173003	0.0008	0.0846	2.8888	0.0005	0.0846	2.8888	0.0010	0.0156	0.0198	0.003	0.025	0.026	0.025
595514	4173023	0.0008	0.0799	2.5838	0.0005	0.0799	2.5838	0.0009	0.0148	0.0188	0.003	0.022	0.023	0.022
595514	4173043	0.0007	0.0755	2.3221	0.0004	0.0755	2.3221	0.0008	0.0140	0.0178	0.003	0.020	0.021	0.020
595514	4173063	0.0007	0.0714	2.0986	0.0004	0.0714	2.0986	0.0008	0.0132	0.0168	0.002	0.018	0.019	0.018
595514	4173083	0.0006	0.0676	1.9079	0.0004	0.0676	1.9079	0.0007	0.0125	0.0159	0.002	0.016	0.017	0.017
595514	4173103	0.0006	0.0637	1.7316	0.0003	0.0637	1.7316	0.0007	0.0118	0.0150	0.002	0.015	0.016	0.015
595514	4173123	0.0006	0.0602	1.5819	0.0003	0.0602	1.5819	0.0006	0.0112	0.0142	0.002	0.014	0.014	0.014
595515	4172097	0.0627	0.6504	0.9422	0.0017	0.6504	0.9422	0.0054	0.1229	0.1559	0.007	0.023	0.047	0.013
595531.7	4172736.2	0.0027	0.1833	18.1346	0.0019	0.1833	18.1346	0.0020	0.0327	0.0415	0.033	0.153	0.165	0.154
595534	4171763	0.0023	0.0430	0.1976	0.0003	0.0430	0.1976	0.0003	0.0081	0.0103	0.001	0.002	0.002	0.002
595534	4171783	0.0025	0.0471	0.2069	0.0003	0.0471	0.2069	0.0003	0.0089	0.0113	0.001	0.002	0.003	0.002

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595534	4171803	0.0029	0.0520	0.2179	0.0003	0.0520	0.2179	0.0004	0.0098	0.0124	0.001	0.003	0.003	0.002
595534	4171823	0.0033	0.0580	0.2303	0.0003	0.0580	0.2303	0.0004	0.0109	0.0139	0.001	0.003	0.003	0.002
595534	4171843	0.0039	0.0654	0.2443	0.0004	0.0654	0.2443	0.0005	0.0123	0.0156	0.001	0.003	0.003	0.003
595534	4171863	0.0046	0.0744	0.2605	0.0004	0.0744	0.2605	0.0005	0.0140	0.0178	0.001	0.003	0.004	0.003
595534	4171883	0.0056	0.0861	0.2798	0.0004	0.0861	0.2798	0.0006	0.0162	0.0206	0.001	0.004	0.004	0.003
595534	4171903	0.0068	0.1000	0.3012	0.0005	0.1000	0.3012	0.0007	0.0189	0.0239	0.001	0.004	0.005	0.003
595534	4171923	0.0087	0.1182	0.3277	0.0005	0.1182	0.3277	0.0009	0.0223	0.0283	0.001	0.005	0.006	0.004
595534	4171943	0.0115	0.1413	0.3594	0.0006	0.1413	0.3594	0.0011	0.0267	0.0338	0.001	0.006	0.007	0.004
595534	4172643	0.0055	0.2251	17.1290	0.0044	0.2251	17.1290	0.0023	0.0405	0.0514	0.047	0.145	0.148	0.146
595534	4172663	0.0046	0.2169	19.5248	0.0035	0.2169	19.5248	0.0022	0.0388	0.0492	0.043	0.165	0.168	0.166
595534	4172683	0.0039	0.2080	20.8407	0.0029	0.2080	20.8407	0.0022	0.0371	0.0470	0.040	0.176	0.179	0.177
595534	4172743	0.0026	0.1783	16.8099	0.0018	0.1783	16.8099	0.0019	0.0319	0.0405	0.030	0.142	0.154	0.143
595534	4172763	0.0023	0.1681	14.3161	0.0016	0.1681	14.3161	0.0018	0.0302	0.0384	0.025	0.121	0.132	0.122
595534	4172783	0.0021	0.1584	12.2873	0.0014	0.1584	12.2873	0.0018	0.0286	0.0363	0.020	0.104	0.112	0.105
595534	4172803	0.0019	0.1492	10.7846	0.0013	0.1492	10.7846	0.0017	0.0270	0.0343	0.016	0.091	0.097	0.092
595534	4172823	0.0017	0.1403	9.4982	0.0012	0.1403	9.4982	0.0016	0.0255	0.0323	0.013	0.080	0.084	0.081
595534	4172843	0.0016	0.1317	8.2483	0.0010	0.1317	8.2483	0.0015	0.0240	0.0304	0.011	0.070	0.073	0.070
595534	4172863	0.0014	0.1237	7.0918	0.0009	0.1237	7.0918	0.0014	0.0226	0.0286	0.009	0.060	0.063	0.061
595534	4172883	0.0013	0.1163	6.1142	0.0009	0.1163	6.1142	0.0013	0.0213	0.0270	0.008	0.052	0.054	0.052
595534	4172903	0.0012	0.1093	5.2840	0.0008	0.1093	5.2840	0.0012	0.0200	0.0254	0.006	0.045	0.047	0.045
595534	4172923	0.0011	0.1028	4.5945	0.0007	0.1028	4.5945	0.0012	0.0189	0.0240	0.006	0.039	0.041	0.040
595534	4172943	0.0011	0.0970	4.0302	0.0007	0.0970	4.0302	0.0011	0.0179	0.0227	0.005	0.034	0.036	0.035
595534	4172983	0.0009	0.0864	3.1449	0.0006	0.0864	3.1449	0.0010	0.0160	0.0202	0.004	0.027	0.028	0.027
595534	4173003	0.0009	0.0818	2.8089	0.0005	0.0818	2.8089	0.0009	0.0151	0.0192	0.003	0.024	0.025	0.024
595534	4173023	0.0008	0.0774	2.5240	0.0005	0.0774	2.5240	0.0009	0.0143	0.0182	0.003	0.022	0.023	0.022
595534	4173043	0.0008	0.0734	2.2771	0.0004	0.0734	2.2771	0.0008	0.0136	0.0172	0.003	0.019	0.020	0.020
595534	4173063	0.0007	0.0696	2.0661	0.0004	0.0696	2.0661	0.0008	0.0129	0.0164	0.002	0.018	0.019	0.018
595534	4173083	0.0007	0.0660	1.8824	0.0004	0.0660	1.8824	0.0007	0.0122	0.0155	0.002	0.016	0.017	0.016
595554	4171763	0.0022	0.0429	0.1976	0.0003	0.0429	0.1976	0.0003	0.0081	0.0103	0.001	0.002	0.002	0.002
595554	4171783	0.0025	0.0472	0.2077	0.0003	0.0472	0.2077	0.0003	0.0089	0.0113	0.001	0.002	0.003	0.002
595554	4171803	0.0028	0.0521	0.2186	0.0003	0.0521	0.2186	0.0004	0.0098	0.0125	0.001	0.003	0.003	0.002
595554	4171823	0.0032	0.0583	0.2313	0.0003	0.0583	0.2313	0.0004	0.0110	0.0139	0.001	0.003	0.003	0.002
595554	4171843	0.0038	0.0655	0.2451	0.0004	0.0655	0.2451	0.0005	0.0124	0.0157	0.001	0.003	0.003	0.003
595554	4171863	0.0045	0.0747	0.2614	0.0004	0.0747	0.2614	0.0005	0.0141	0.0179	0.001	0.003	0.004	0.003
595554	4171883	0.0054	0.0865	0.2805	0.0004	0.0865	0.2805	0.0006	0.0163	0.0207	0.001	0.004	0.004	0.003
595554	4171903	0.0066	0.1012	0.3029	0.0005	0.1012	0.3029	0.0007	0.0191	0.0242	0.001	0.004	0.005	0.003
595554	4171923	0.0083	0.1205	0.3302	0.0005	0.1205	0.3302	0.0009	0.0227	0.0289	0.001	0.005	0.006	0.004
595554	4171943	0.0109	0.1456	0.3636	0.0006	0.1456	0.3636	0.0011	0.0275	0.0349	0.001	0.006	0.007	0.004
595554	4171963	0.0149	0.1777	0.4044	0.0006	0.1777	0.4044	0.0014	0.0335	0.0426	0.001	0.007	0.009	0.005

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595554	4172643	0.0054	0.2087	14.6877	0.0043	0.2087	14.6877	0.0021	0.0377	0.0479	0.040	0.125	0.127	0.126
595554	4172663	0.0045	0.2008	16.1805	0.0035	0.2008	16.1805	0.0021	0.0361	0.0458	0.036	0.137	0.140	0.138
595554	4172683	0.0039	0.1925	16.8603	0.0029	0.1925	16.8603	0.0020	0.0345	0.0438	0.034	0.143	0.146	0.143
595554	4172763	0.0024	0.1569	11.8419	0.0017	0.1569	11.8419	0.0017	0.0284	0.0360	0.021	0.100	0.108	0.101
595554	4172783	0.0021	0.1482	10.2670	0.0015	0.1482	10.2670	0.0016	0.0269	0.0341	0.018	0.087	0.093	0.088
595554	4172803	0.0019	0.1400	9.0827	0.0013	0.1400	9.0827	0.0015	0.0254	0.0323	0.015	0.077	0.081	0.078
595554	4172843	0.0016	0.1245	7.2913	0.0011	0.1245	7.2913	0.0014	0.0227	0.0288	0.010	0.062	0.065	0.062
595554	4172863	0.0015	0.1173	6.4292	0.0010	0.1173	6.4292	0.0013	0.0214	0.0272	0.009	0.055	0.057	0.055
595554	4172883	0.0014	0.1107	5.6380	0.0009	0.1107	5.6380	0.0012	0.0203	0.0257	0.007	0.048	0.050	0.048
595554	4172903	0.0013	0.1044	4.9379	0.0008	0.1044	4.9379	0.0012	0.0192	0.0243	0.006	0.042	0.044	0.042
595554	4172923	0.0012	0.0985	4.3418	0.0007	0.0985	4.3418	0.0011	0.0181	0.0230	0.006	0.037	0.038	0.037
595554	4172943	0.0011	0.0931	3.8353	0.0007	0.0931	3.8353	0.0010	0.0171	0.0218	0.005	0.033	0.034	0.033
595554	4172963	0.0010	0.0880	3.4018	0.0006	0.0880	3.4018	0.0010	0.0162	0.0206	0.004	0.029	0.030	0.029
595554	4172983	0.0010	0.0834	3.0319	0.0006	0.0834	3.0319	0.0009	0.0154	0.0195	0.004	0.026	0.027	0.026
595554	4173003	0.0009	0.0791	2.7179	0.0005	0.0791	2.7179	0.0009	0.0146	0.0186	0.003	0.023	0.024	0.024
595554	4173023	0.0008	0.0751	2.4498	0.0005	0.0751	2.4498	0.0008	0.0139	0.0176	0.003	0.021	0.022	0.021
595554	4173043	0.0008	0.0713	2.2191	0.0005	0.0713	2.2191	0.0008	0.0132	0.0168	0.003	0.019	0.020	0.019
595554	4173063	0.0007	0.0678	2.0209	0.0004	0.0678	2.0209	0.0007	0.0126	0.0160	0.003	0.017	0.018	0.018
595554	4173083	0.0007	0.0645	1.8486	0.0004	0.0645	1.8486	0.0007	0.0120	0.0152	0.002	0.016	0.017	0.016
595568.33	4173021.2	0.0009	0.0737	2.4134	0.0005	0.0737	2.4134	0.0008	0.0136	0.0173	0.003	0.021	0.022	0.021
595574	4171743	0.0020	0.0398	0.1902	0.0003	0.0398	0.1902	0.0003	0.0075	0.0095	0.001	0.002	0.002	0.002
595574	4171763	0.0022	0.0434	0.1991	0.0003	0.0434	0.1991	0.0003	0.0082	0.0104	0.001	0.002	0.002	0.002
595574	4171783	0.0024	0.0476	0.2086	0.0003	0.0476	0.2086	0.0004	0.0090	0.0114	0.001	0.002	0.003	0.002
595574	4171803	0.0028	0.0529	0.2204	0.0003	0.0529	0.2204	0.0004	0.0100	0.0126	0.001	0.003	0.003	0.002
595574	4171823	0.0032	0.0585	0.2321	0.0003	0.0585	0.2321	0.0004	0.0110	0.0140	0.001	0.003	0.003	0.002
595574	4171843	0.0038	0.0667	0.2473	0.0004	0.0667	0.2473	0.0005	0.0126	0.0160	0.001	0.003	0.003	0.003
595574	4171863	0.0043	0.0752	0.2620	0.0004	0.0752	0.2620	0.0006	0.0142	0.0180	0.001	0.003	0.004	0.003
595574	4171883	0.0052	0.0870	0.2809	0.0004	0.0870	0.2809	0.0006	0.0164	0.0208	0.001	0.004	0.004	0.003
595574	4171903	0.0065	0.1027	0.3045	0.0005	0.1027	0.3045	0.0007	0.0194	0.0246	0.001	0.004	0.005	0.003
595574	4171923	0.0081	0.1227	0.3323	0.0005	0.1227	0.3323	0.0009	0.0232	0.0294	0.001	0.005	0.006	0.004
595574	4171943	0.0105	0.1499	0.3676	0.0006	0.1499	0.3676	0.0011	0.0283	0.0359	0.001	0.006	0.007	0.004
595574	4171963	0.0143	0.1860	0.4119	0.0006	0.1860	0.4119	0.0014	0.0351	0.0446	0.001	0.007	0.009	0.005
595574	4171983	0.0206	0.2322	0.4666	0.0007	0.2322	0.4666	0.0019	0.0439	0.0556	0.002	0.009	0.011	0.006
595574	4172643	0.0053	0.1942	12.6491	0.0041	0.1942	12.6491	0.0020	0.0352	0.0447	0.034	0.108	0.110	0.108
595574	4172663	0.0045	0.1868	13.5716	0.0034	0.1868	13.5716	0.0019	0.0338	0.0428	0.031	0.115	0.118	0.116
595574	4172683	0.0039	0.1792	13.8893	0.0029	0.1792	13.8893	0.0018	0.0323	0.0410	0.029	0.118	0.121	0.118
595574	4172763	0.0024	0.1471	9.9838	0.0017	0.1471	9.9838	0.0016	0.0267	0.0339	0.018	0.085	0.090	0.085
595574	4172783	0.0022	0.1393	8.7443	0.0015	0.1393	8.7443	0.0015	0.0254	0.0322	0.016	0.074	0.079	0.075

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595574	4172803	0.0020	0.1319	7.7723	0.0013	0.1319	7.7723	0.0014	0.0240	0.0305	0.013	0.066	0.070	0.067
595574	4172823	0.0018	0.1248	7.0443	0.0012	0.1248	7.0443	0.0014	0.0228	0.0289	0.011	0.060	0.063	0.060
595574	4172843	0.0016	0.1180	6.4212	0.0011	0.1180	6.4212	0.0013	0.0216	0.0274	0.010	0.055	0.057	0.055
595574	4172863	0.0015	0.1116	5.8070	0.0010	0.1116	5.8070	0.0012	0.0204	0.0259	0.008	0.049	0.051	0.050
595574	4172883	0.0014	0.1055	5.1842	0.0009	0.1055	5.1842	0.0012	0.0194	0.0246	0.007	0.044	0.046	0.045
595574	4172903	0.0013	0.0998	4.5950	0.0008	0.0998	4.5950	0.0011	0.0183	0.0233	0.006	0.039	0.041	0.040
595574	4172923	0.0012	0.0944	4.0722	0.0008	0.0944	4.0722	0.0010	0.0174	0.0220	0.006	0.035	0.036	0.035
595574	4172943	0.0011	0.0894	3.6240	0.0007	0.0894	3.6240	0.0010	0.0165	0.0209	0.005	0.031	0.032	0.031
595574	4172963	0.0010	0.0848	3.2441	0.0006	0.0848	3.2441	0.0009	0.0156	0.0199	0.004	0.028	0.029	0.028
595574	4172983	0.0010	0.0805	2.9068	0.0006	0.0805	2.9068	0.0009	0.0149	0.0189	0.004	0.025	0.026	0.025
595574	4173003	0.0009	0.0765	2.6173	0.0006	0.0765	2.6173	0.0008	0.0141	0.0179	0.003	0.022	0.023	0.023
595574	4173023	0.0009	0.0728	2.3696	0.0005	0.0728	2.3696	0.0008	0.0135	0.0171	0.003	0.020	0.021	0.021
595574	4173043	0.0008	0.0693	2.1549	0.0005	0.0693	2.1549	0.0007	0.0128	0.0163	0.003	0.018	0.019	0.019
595574	4173063	0.0008	0.0660	1.9658	0.0004	0.0660	1.9658	0.0007	0.0122	0.0155	0.003	0.017	0.018	0.017
595574	4173083	0.0007	0.0629	1.8023	0.0004	0.0629	1.8023	0.0007	0.0117	0.0148	0.002	0.015	0.016	0.016
595594	4171743	0.0019	0.0401	0.1903	0.0002	0.0401	0.1903	0.0003	0.0076	0.0096	0.001	0.002	0.002	0.002
595594	4171763	0.0022	0.0438	0.1995	0.0003	0.0438	0.1995	0.0003	0.0083	0.0105	0.001	0.002	0.002	0.002
595594	4171783	0.0024	0.0480	0.2089	0.0003	0.0480	0.2089	0.0004	0.0091	0.0115	0.001	0.002	0.003	0.002
595594	4171803	0.0028	0.0535	0.2211	0.0003	0.0535	0.2211	0.0004	0.0101	0.0128	0.001	0.003	0.003	0.002
595594	4171823	0.0032	0.0593	0.2329	0.0003	0.0593	0.2329	0.0004	0.0112	0.0142	0.001	0.003	0.003	0.002
595594	4171843	0.0037	0.0669	0.2471	0.0004	0.0669	0.2471	0.0005	0.0126	0.0160	0.001	0.003	0.003	0.003
595594	4171863	0.0043	0.0761	0.2626	0.0004	0.0761	0.2626	0.0006	0.0143	0.0182	0.001	0.003	0.004	0.003
595594	4171883	0.0051	0.0879	0.2817	0.0004	0.0879	0.2817	0.0006	0.0166	0.0210	0.001	0.004	0.004	0.003
595594	4171903	0.0063	0.1038	0.3054	0.0005	0.1038	0.3054	0.0008	0.0196	0.0249	0.001	0.004	0.005	0.003
595594	4171923	0.0079	0.1247	0.3340	0.0005	0.1247	0.3340	0.0009	0.0235	0.0299	0.001	0.005	0.006	0.004
595594	4171943	0.0103	0.1534	0.3707	0.0006	0.1534	0.3707	0.0011	0.0290	0.0367	0.001	0.006	0.007	0.004
595594	4171963	0.0141	0.1936	0.4190	0.0007	0.1936	0.4190	0.0015	0.0366	0.0464	0.001	0.007	0.009	0.005
595594	4172783	0.0022	0.1314	7.5478	0.0015	0.1314	7.5478	0.0014	0.0240	0.0304	0.014	0.064	0.068	0.065
595594	4172803	0.0020	0.1246	6.7336	0.0014	0.1246	6.7336	0.0013	0.0228	0.0289	0.012	0.057	0.060	0.058
595594	4172823	0.0018	0.1182	6.1231	0.0012	0.1182	6.1231	0.0013	0.0216	0.0275	0.010	0.052	0.055	0.053
595594	4172863	0.0015	0.1063	5.2020	0.0010	0.1063	5.2020	0.0011	0.0195	0.0247	0.008	0.044	0.046	0.045
595594	4172883	0.0014	0.1007	4.7302	0.0009	0.1007	4.7302	0.0011	0.0185	0.0235	0.007	0.040	0.042	0.041
595594	4172903	0.0013	0.0955	4.2534	0.0008	0.0955	4.2534	0.0010	0.0176	0.0223	0.006	0.036	0.038	0.037
595594	4172923	0.0012	0.0906	3.8097	0.0008	0.0906	3.8097	0.0010	0.0167	0.0212	0.005	0.032	0.034	0.033
595594	4172943	0.0011	0.0860	3.4192	0.0007	0.0860	3.4192	0.0009	0.0159	0.0201	0.005	0.029	0.030	0.030
595594	4172963	0.0011	0.0818	3.0809	0.0007	0.0818	3.0809	0.0009	0.0151	0.0191	0.004	0.026	0.027	0.027
595594	4172983	0.0010	0.0778	2.7812	0.0006	0.0778	2.7812	0.0008	0.0144	0.0182	0.004	0.024	0.025	0.024
595594	4173003	0.0009	0.0740	2.5192	0.0006	0.0740	2.5192	0.0008	0.0137	0.0174	0.003	0.022	0.022	0.022
595594	4173023	0.0009	0.0706	2.2912	0.0005	0.0706	2.2912	0.0007	0.0131	0.0166	0.003	0.020	0.020	0.020

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595614	4171743	0.0019	0.0409	0.1912	0.0002	0.0409	0.1912	0.0003	0.0077	0.0098	0.001	0.002	0.002	0.002
595614	4171763	0.0021	0.0447	0.2004	0.0003	0.0447	0.2004	0.0003	0.0084	0.0107	0.001	0.002	0.002	0.002
595614	4171783	0.0024	0.0488	0.2095	0.0003	0.0488	0.2095	0.0004	0.0092	0.0117	0.001	0.002	0.003	0.002
595614	4171803	0.0028	0.0545	0.2217	0.0003	0.0545	0.2217	0.0004	0.0103	0.0130	0.001	0.003	0.003	0.002
595614	4171823	0.0032	0.0608	0.2343	0.0003	0.0608	0.2343	0.0005	0.0115	0.0146	0.001	0.003	0.003	0.002
595614	4171843	0.0037	0.0686	0.2487	0.0004	0.0686	0.2487	0.0005	0.0129	0.0164	0.001	0.003	0.003	0.003
595614	4171863	0.0042	0.0773	0.2634	0.0004	0.0773	0.2634	0.0006	0.0146	0.0185	0.001	0.003	0.004	0.003
595614	4171883	0.0050	0.0892	0.2826	0.0004	0.0892	0.2826	0.0007	0.0168	0.0214	0.001	0.004	0.004	0.003
595614	4171903	0.0062	0.1052	0.3065	0.0005	0.1052	0.3065	0.0008	0.0199	0.0252	0.001	0.004	0.005	0.003
595614	4171923	0.0079	0.1265	0.3357	0.0005	0.1265	0.3357	0.0010	0.0239	0.0303	0.001	0.005	0.006	0.004
595614	4171943	0.0103	0.1559	0.3731	0.0006	0.1559	0.3731	0.0012	0.0294	0.0374	0.001	0.006	0.007	0.004
595614	4171963	0.0143	0.1992	0.4242	0.0007	0.1992	0.4242	0.0016	0.0376	0.0477	0.001	0.007	0.009	0.005
595614	4172783	0.0022	0.1243	6.5991	0.0015	0.1243	6.5991	0.0013	0.0227	0.0288	0.013	0.056	0.059	0.057
595614	4172803	0.0020	0.1182	5.9178	0.0014	0.1182	5.9178	0.0012	0.0216	0.0275	0.011	0.050	0.053	0.051
595614	4172823	0.0018	0.1123	5.3856	0.0012	0.1123	5.3856	0.0012	0.0206	0.0261	0.010	0.046	0.048	0.046
595614	4172863	0.0016	0.1015	4.6470	0.0010	0.1015	4.6470	0.0011	0.0186	0.0237	0.008	0.040	0.041	0.040
595614	4172883	0.0015	0.0963	4.2946	0.0009	0.0963	4.2946	0.0010	0.0177	0.0225	0.007	0.037	0.038	0.037
595614	4172903	0.0013	0.0915	3.9268	0.0009	0.0915	3.9268	0.0010	0.0168	0.0214	0.006	0.034	0.035	0.034
595614	4172923	0.0013	0.0871	3.5656	0.0008	0.0871	3.5656	0.0009	0.0160	0.0204	0.005	0.030	0.032	0.031
595614	4172943	0.0012	0.0829	3.2232	0.0007	0.0829	3.2232	0.0009	0.0153	0.0194	0.005	0.028	0.029	0.028
595614	4172963	0.0011	0.0789	2.9200	0.0007	0.0789	2.9200	0.0008	0.0146	0.0185	0.004	0.025	0.026	0.025
595614	4172983	0.0010	0.0752	2.6534	0.0006	0.0752	2.6534	0.0008	0.0139	0.0176	0.004	0.023	0.024	0.023
595616.96	4172890.8	0.0014	0.0938	4.0977	0.0009	0.0938	4.0977	0.0010	0.0173	0.0219	0.006	0.035	0.036	0.035
595634	4171743	0.0019	0.0416	0.1913	0.0002	0.0416	0.1913	0.0003	0.0078	0.0100	0.000	0.002	0.002	0.002
595634	4171763	0.0021	0.0457	0.2010	0.0003	0.0457	0.2010	0.0003	0.0086	0.0109	0.001	0.002	0.002	0.002
595634	4171783	0.0024	0.0503	0.2112	0.0003	0.0503	0.2112	0.0004	0.0095	0.0120	0.001	0.002	0.003	0.002
595634	4171803	0.0027	0.0558	0.2226	0.0003	0.0558	0.2226	0.0004	0.0105	0.0133	0.001	0.003	0.003	0.002
595634	4171823	0.0032	0.0622	0.2353	0.0003	0.0622	0.2353	0.0005	0.0117	0.0149	0.001	0.003	0.003	0.003
595634	4171843	0.0037	0.0702	0.2500	0.0004	0.0702	0.2500	0.0005	0.0132	0.0168	0.001	0.003	0.003	0.003
595634	4171863	0.0043	0.0796	0.2660	0.0004	0.0796	0.2660	0.0006	0.0150	0.0191	0.001	0.003	0.004	0.003
595634	4171883	0.0050	0.0912	0.2843	0.0004	0.0912	0.2843	0.0007	0.0172	0.0218	0.001	0.004	0.004	0.003
595634	4171903	0.0062	0.1067	0.3076	0.0005	0.1067	0.3076	0.0009	0.0201	0.0256	0.001	0.004	0.005	0.004
595634	4171923	0.0080	0.1282	0.3375	0.0005	0.1282	0.3375	0.0011	0.0242	0.0307	0.001	0.005	0.006	0.004
595634	4171943	0.0107	0.1576	0.3751	0.0006	0.1576	0.3751	0.0014	0.0297	0.0377	0.001	0.006	0.007	0.005
595634	4171963	0.0153	0.2021	0.4277	0.0007	0.2021	0.4277	0.0018	0.0382	0.0484	0.002	0.007	0.009	0.005
595634	4172783	0.0022	0.1179	5.8223	0.0015	0.1179	5.8223	0.0012	0.0216	0.0274	0.011	0.050	0.052	0.050
595634	4172803	0.0020	0.1123	5.2517	0.0014	0.1123	5.2517	0.0012	0.0206	0.0262	0.010	0.045	0.047	0.045
595634	4172823	0.0019	0.1069	4.7842	0.0012	0.1069	4.7842	0.0011	0.0196	0.0249	0.009	0.041	0.043	0.041

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595634	4172843	0.0017	0.1018	4.4228	0.0011	0.1018	4.4228	0.0011	0.0187	0.0238	0.008	0.038	0.040	0.038
595634	4172883	0.0015	0.0923	3.8840	0.0009	0.0923	3.8840	0.0010	0.0170	0.0216	0.006	0.033	0.035	0.033
595634	4172903	0.0014	0.0879	3.6119	0.0009	0.0879	3.6119	0.0009	0.0162	0.0205	0.006	0.031	0.032	0.031
595634	4172923	0.0013	0.0837	3.3230	0.0008	0.0837	3.3230	0.0009	0.0154	0.0196	0.005	0.028	0.030	0.029
595634	4172943	0.0012	0.0798	3.0313	0.0007	0.0798	3.0313	0.0008	0.0147	0.0187	0.005	0.026	0.027	0.026
595637.78	4172033.6	0.0895	0.6068	0.8523	0.0014	0.6068	0.8523	0.0069	0.1146	0.1455	0.003	0.027	0.037	0.013
595654	4171743	0.0019	0.0425	0.1918	0.0002	0.0425	0.1918	0.0003	0.0080	0.0102	0.000	0.002	0.002	0.002
595654	4171763	0.0021	0.0466	0.2013	0.0003	0.0466	0.2013	0.0003	0.0088	0.0112	0.001	0.002	0.002	0.002
595654	4171783	0.0024	0.0515	0.2119	0.0003	0.0515	0.2119	0.0004	0.0097	0.0123	0.001	0.002	0.003	0.002
595654	4171803	0.0027	0.0570	0.2231	0.0003	0.0570	0.2231	0.0004	0.0108	0.0136	0.001	0.003	0.003	0.002
595654	4171823	0.0032	0.0640	0.2369	0.0003	0.0640	0.2369	0.0005	0.0121	0.0153	0.001	0.003	0.003	0.003
595654	4171843	0.0037	0.0723	0.2519	0.0004	0.0723	0.2519	0.0006	0.0136	0.0173	0.001	0.003	0.004	0.003
595654	4171863	0.0044	0.0824	0.2691	0.0004	0.0824	0.2691	0.0006	0.0155	0.0197	0.001	0.003	0.004	0.003
595654	4171883	0.0052	0.0943	0.2880	0.0004	0.0943	0.2880	0.0008	0.0178	0.0226	0.001	0.004	0.004	0.003
595654	4171903	0.0064	0.1097	0.3112	0.0005	0.1097	0.3112	0.0009	0.0207	0.0263	0.001	0.004	0.005	0.004
595654	4171923	0.0084	0.1304	0.3403	0.0006	0.1304	0.3403	0.0011	0.0246	0.0312	0.001	0.005	0.006	0.004
595654	4171943	0.0114	0.1591	0.3776	0.0007	0.1591	0.3776	0.0015	0.0300	0.0381	0.001	0.006	0.007	0.005
595654	4171963	0.0163	0.2020	0.4290	0.0008	0.2020	0.4290	0.0020	0.0381	0.0484	0.002	0.008	0.010	0.005
595654	4172803	0.0020	0.1070	4.6984	0.0013	0.1070	4.6984	0.0011	0.0197	0.0250	0.009	0.040	0.042	0.041
595654	4172823	0.0019	0.1020	4.2911	0.0012	0.1020	4.2911	0.0010	0.0188	0.0238	0.008	0.037	0.038	0.037
595654	4172843	0.0017	0.0973	3.9655	0.0011	0.0973	3.9655	0.0010	0.0179	0.0227	0.007	0.034	0.036	0.034
595654	4172883	0.0015	0.0885	3.5101	0.0009	0.0885	3.5101	0.0009	0.0163	0.0207	0.006	0.030	0.031	0.030
595674	4171743	0.0019	0.0436	0.1926	0.0002	0.0436	0.1926	0.0003	0.0082	0.0104	0.000	0.002	0.002	0.002
595674	4171763	0.0021	0.0479	0.2024	0.0003	0.0479	0.2024	0.0004	0.0090	0.0115	0.001	0.002	0.003	0.002
595674	4171783	0.0024	0.0530	0.2133	0.0003	0.0530	0.2133	0.0004	0.0100	0.0127	0.001	0.002	0.003	0.002
595674	4171803	0.0027	0.0587	0.2246	0.0003	0.0587	0.2246	0.0004	0.0111	0.0140	0.001	0.003	0.003	0.002
595674	4171823	0.0032	0.0661	0.2390	0.0003	0.0661	0.2390	0.0005	0.0125	0.0158	0.001	0.003	0.003	0.003
595674	4171843	0.0036	0.0742	0.2535	0.0004	0.0742	0.2535	0.0006	0.0140	0.0178	0.001	0.003	0.004	0.003
595674	4171863	0.0043	0.0842	0.2707	0.0004	0.0842	0.2707	0.0007	0.0159	0.0202	0.001	0.003	0.004	0.003
595674	4171883	0.0053	0.0969	0.2910	0.0005	0.0969	0.2910	0.0008	0.0183	0.0232	0.001	0.004	0.005	0.003
595674	4171903	0.0068	0.1130	0.3154	0.0005	0.1130	0.3154	0.0010	0.0213	0.0271	0.001	0.004	0.005	0.004
595674	4171923	0.0089	0.1339	0.3450	0.0006	0.1339	0.3450	0.0012	0.0253	0.0321	0.001	0.005	0.006	0.004
595674	4171943	0.0122	0.1622	0.3823	0.0007	0.1622	0.3823	0.0016	0.0306	0.0389	0.001	0.006	0.008	0.005
595674	4171963	0.0172	0.2030	0.4319	0.0008	0.2030	0.4319	0.0020	0.0383	0.0486	0.002	0.008	0.010	0.005
595674	4172803	0.0020	0.1021	4.2322	0.0013	0.1021	4.2322	0.0010	0.0188	0.0239	0.009	0.036	0.038	0.037
595674	4172823	0.0019	0.0976	3.8776	0.0012	0.0976	3.8776	0.0010	0.0180	0.0228	0.008	0.033	0.035	0.034
595674	4172843	0.0017	0.0932	3.5834	0.0011	0.0932	3.5834	0.0009	0.0172	0.0218	0.007	0.031	0.032	0.031
595694	4171743	0.0019	0.0451	0.1942	0.0003	0.0451	0.1942	0.0003	0.0085	0.0108	0.000	0.002	0.002	0.002

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595694	4171763	0.0021	0.0493	0.2036	0.0003	0.0493	0.2036	0.0004	0.0093	0.0118	0.001	0.002	0.003	0.002
595694	4171783	0.0023	0.0544	0.2143	0.0003	0.0544	0.2143	0.0004	0.0103	0.0130	0.001	0.002	0.003	0.002
595694	4171803	0.0027	0.0605	0.2267	0.0003	0.0605	0.2267	0.0005	0.0114	0.0145	0.001	0.003	0.003	0.002
595694	4171823	0.0031	0.0679	0.2407	0.0003	0.0679	0.2407	0.0005	0.0128	0.0162	0.001	0.003	0.003	0.003
595694	4171843	0.0038	0.0768	0.2569	0.0004	0.0768	0.2569	0.0006	0.0145	0.0184	0.001	0.003	0.004	0.003
595694	4171863	0.0047	0.0879	0.2759	0.0004	0.0879	0.2759	0.0007	0.0166	0.0211	0.001	0.004	0.004	0.003
595694	4171883	0.0059	0.1011	0.2971	0.0005	0.1011	0.2971	0.0009	0.0191	0.0242	0.001	0.004	0.005	0.003
595694	4171903	0.0073	0.1171	0.3211	0.0006	0.1171	0.3211	0.0011	0.0221	0.0280	0.001	0.005	0.005	0.004
595694	4171923	0.0095	0.1381	0.3508	0.0006	0.1381	0.3508	0.0013	0.0261	0.0331	0.001	0.005	0.007	0.004
595694	4171943	0.0128	0.1671	0.3890	0.0007	0.1671	0.3890	0.0016	0.0315	0.0400	0.002	0.006	0.008	0.005
595714	4171763	0.0021	0.0509	0.2056	0.0003	0.0509	0.2056	0.0004	0.0096	0.0122	0.001	0.002	0.003	0.002
595714	4171783	0.0025	0.0566	0.2177	0.0003	0.0566	0.2177	0.0004	0.0107	0.0136	0.001	0.003	0.003	0.002
595714	4171803	0.0029	0.0631	0.2305	0.0003	0.0631	0.2305	0.0005	0.0119	0.0151	0.001	0.003	0.003	0.002
595714	4171823	0.0034	0.0707	0.2451	0.0004	0.0707	0.2451	0.0006	0.0133	0.0169	0.001	0.003	0.003	0.003
595714	4171843	0.0041	0.0800	0.2616	0.0004	0.0800	0.2616	0.0007	0.0151	0.0192	0.001	0.003	0.004	0.003
595714	4171863	0.0049	0.0910	0.2802	0.0005	0.0910	0.2802	0.0008	0.0172	0.0218	0.001	0.004	0.004	0.003
595714	4171883	0.0062	0.1050	0.3025	0.0005	0.1050	0.3025	0.0009	0.0198	0.0251	0.001	0.004	0.005	0.003
595714	4171903	0.0079	0.1223	0.3284	0.0006	0.1223	0.3284	0.0011	0.0231	0.0293	0.001	0.005	0.006	0.004
595734	4171763	0.0022	0.0529	0.2088	0.0003	0.0529	0.2088	0.0004	0.0100	0.0127	0.001	0.002	0.003	0.002
595734	4171783	0.0025	0.0586	0.2206	0.0003	0.0586	0.2206	0.0005	0.0111	0.0140	0.001	0.003	0.003	0.002
595734	4171803	0.0029	0.0653	0.2338	0.0003	0.0653	0.2338	0.0005	0.0123	0.0156	0.001	0.003	0.003	0.003
595734	4171823	0.0035	0.0733	0.2487	0.0004	0.0733	0.2487	0.0006	0.0138	0.0175	0.001	0.003	0.003	0.003
595734	4171843	0.0042	0.0829	0.2656	0.0004	0.0829	0.2656	0.0007	0.0156	0.0198	0.001	0.003	0.004	0.003
595734	4171863	0.0051	0.0945	0.2850	0.0005	0.0945	0.2850	0.0008	0.0178	0.0226	0.001	0.004	0.004	0.003
595734	4171883	0.0064	0.1092	0.3081	0.0005	0.1092	0.3081	0.0010	0.0206	0.0261	0.001	0.004	0.005	0.004
595734	4171903	0.0081	0.1278	0.3355	0.0006	0.1278	0.3355	0.0011	0.0241	0.0306	0.001	0.005	0.006	0.004
595754	4171763	0.0022	0.0547	0.2115	0.0003	0.0547	0.2115	0.0004	0.0103	0.0131	0.001	0.002	0.003	0.002
595754	4171783	0.0026	0.0606	0.2236	0.0003	0.0606	0.2236	0.0005	0.0114	0.0145	0.001	0.003	0.003	0.002
595754	4171803	0.0030	0.0676	0.2370	0.0004	0.0676	0.2370	0.0006	0.0127	0.0162	0.001	0.003	0.003	0.003
595754	4171823	0.0036	0.0760	0.2527	0.0004	0.0760	0.2527	0.0006	0.0143	0.0182	0.001	0.003	0.004	0.003
595754	4171843	0.0044	0.0862	0.2704	0.0004	0.0862	0.2704	0.0007	0.0163	0.0206	0.001	0.003	0.004	0.003
595754	4171863	0.0053	0.0986	0.2908	0.0005	0.0986	0.2908	0.0008	0.0186	0.0236	0.001	0.004	0.005	0.003
595754	4171883	0.0066	0.1141	0.3147	0.0006	0.1141	0.3147	0.0010	0.0215	0.0273	0.001	0.004	0.005	0.004
595754	4171903	0.0083	0.1345	0.3443	0.0007	0.1345	0.3443	0.0011	0.0254	0.0322	0.001	0.005	0.006	0.004
595754	4171923	0.0104	0.1614	0.3805	0.0008	0.1614	0.3805	0.0013	0.0305	0.0387	0.002	0.006	0.007	0.005
595774	4171783	0.0027	0.0629	0.2272	0.0003	0.0629	0.2272	0.0005	0.0119	0.0151	0.001	0.003	0.003	0.002
595774	4171863	0.0055	0.1030	0.2970	0.0005	0.1030	0.2970	0.0009	0.0194	0.0247	0.001	0.004	0.005	0.003
595774	4171883	0.0067	0.1194	0.3220	0.0006	0.1194	0.3220	0.0010	0.0225	0.0286	0.001	0.004	0.005	0.004
595774	4171903	0.0083	0.1409	0.3529	0.0007	0.1409	0.3529	0.0012	0.0266	0.0337	0.001	0.005	0.006	0.004

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595774	4171923	0.0102	0.1687	0.3904	0.0008	0.1687	0.3904	0.0013	0.0319	0.0404	0.002	0.006	0.007	0.005
595782.4	4171913.2	0.0092	0.1566	0.3746	0.0008	0.1566	0.3746	0.0012	0.0296	0.0375	0.002	0.006	0.007	0.005
595790.49	4171877.8	0.0064	0.1186	0.3205	0.0006	0.1186	0.3205	0.0010	0.0224	0.0284	0.001	0.004	0.005	0.004
595794	4171863	0.0056	0.1074	0.3035	0.0006	0.1074	0.3035	0.0009	0.0203	0.0257	0.001	0.004	0.005	0.003
595794	4171883	0.0068	0.1242	0.3290	0.0006	0.1242	0.3290	0.0010	0.0234	0.0297	0.001	0.005	0.005	0.004
595794	4171903	0.0083	0.1460	0.3607	0.0007	0.1460	0.3607	0.0011	0.0276	0.0350	0.002	0.005	0.006	0.004
595794	4171923	0.0100	0.1733	0.3983	0.0009	0.1733	0.3983	0.0013	0.0327	0.0415	0.002	0.006	0.007	0.005
595814	4171863	0.0057	0.1113	0.3096	0.0006	0.1113	0.3096	0.0009	0.0210	0.0266	0.001	0.004	0.005	0.004
595814	4171883	0.0068	0.1284	0.3362	0.0007	0.1284	0.3362	0.0010	0.0242	0.0307	0.001	0.005	0.006	0.004
595814	4171903	0.0081	0.1493	0.3674	0.0008	0.1493	0.3674	0.0011	0.0282	0.0358	0.002	0.005	0.006	0.004
595814	4171923	0.0097	0.1746	0.4041	0.0009	0.1746	0.4041	0.0013	0.0330	0.0418	0.002	0.006	0.007	0.005
595826.59	4171700.4	0.0017	0.0461	0.1890	0.0002	0.0461	0.1890	0.0004	0.0087	0.0110	0.000	0.002	0.002	0.002
595832.66	4171885.3	0.0069	0.1327	0.3451	0.0007	0.1327	0.3451	0.0010	0.0250	0.0318	0.001	0.005	0.006	0.004
595832.66	4171905.3	0.0081	0.1527	0.3763	0.0008	0.1527	0.3763	0.0011	0.0288	0.0366	0.002	0.005	0.006	0.004
595832.66	4171925.3	0.0095	0.1760	0.4118	0.0009	0.1760	0.4118	0.0012	0.0332	0.0422	0.002	0.006	0.007	0.005
595852.66	4171825.3	0.0042	0.0921	0.2791	0.0005	0.0921	0.2791	0.0007	0.0174	0.0221	0.001	0.004	0.004	0.003
595852.66	4171845.3	0.0049	0.1038	0.2998	0.0006	0.1038	0.2998	0.0008	0.0196	0.0249	0.001	0.004	0.005	0.003
595852.66	4171865.3	0.0058	0.1176	0.3235	0.0006	0.1176	0.3235	0.0009	0.0222	0.0282	0.001	0.004	0.005	0.004
595852.66	4171885.3	0.0068	0.1335	0.3505	0.0007	0.1335	0.3505	0.0010	0.0252	0.0320	0.001	0.005	0.006	0.004
595852.66	4171905.3	0.0079	0.1518	0.3811	0.0008	0.1518	0.3811	0.0011	0.0286	0.0363	0.002	0.005	0.006	0.005
595852.66	4171925.3	0.0091	0.1719	0.4146	0.0010	0.1719	0.4146	0.0012	0.0325	0.0412	0.002	0.006	0.007	0.005
595852.66	4171945.3	0.0103	0.1938	0.4518	0.0011	0.1938	0.4518	0.0013	0.0366	0.0464	0.002	0.007	0.008	0.005
595857.85	4171568.4	0.0009	0.0288	0.1436	0.0002	0.0288	0.1436	0.0002	0.0054	0.0069	0.000	0.001	0.002	0.001
595872.66	4171865.3	0.0057	0.1183	0.3289	0.0007	0.1183	0.3289	0.0009	0.0223	0.0283	0.001	0.004	0.005	0.004

Operational Sources' GLC Concentration and Chronic Hazard Index Calculations

Chronic Reference Exposure Level (ug/m3):		
DPM	TOG-Exh	TOG-Eva
5	282.18	119.32

		Operational GLC Concentration (ug/m3)									Chornic Hazard Index			
		P1 SRCs' GLC: 2021 to buildout			P1 SRCs' GLC: buildout and Onward			P2 SRCs' GLC: buildout and Onward			Phase 1	Phase 1	Phase 2 CSTN + Phase	Full
X	Y	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	DPM	TOG-Exh	TOG-Eva	CSTN	Operation	1 Operation	operation
595872.66	4171885.3	0.0066	0.1329	0.3554	0.0008	0.1329	0.3554	0.0009	0.0251	0.0318	0.002	0.005	0.006	0.004
595872.66	4171905.3	0.0076	0.1490	0.3850	0.0009	0.1490	0.3850	0.0010	0.0281	0.0357	0.002	0.005	0.006	0.005
595872.66	4171925.3	0.0086	0.1662	0.4166	0.0010	0.1662	0.4166	0.0011	0.0314	0.0398	0.002	0.006	0.007	0.005
595872.66	4171945.3	0.0097	0.1841	0.4509	0.0011	0.1841	0.4509	0.0012	0.0348	0.0441	0.002	0.006	0.008	0.005
595892.66	4171865.3	0.0056	0.1179	0.3340	0.0007	0.1179	0.3340	0.0008	0.0223	0.0282	0.001	0.004	0.005	0.004
595892.66	4171885.3	0.0064	0.1310	0.3600	0.0008	0.1310	0.3600	0.0009	0.0247	0.0314	0.002	0.005	0.006	0.004

Operational Cancer Risk Factors

AgeBin	Pollutant	Cancer RiskFactor (per million per year per 1 ug/m^3)	Rec Type
3rd Tri	DPM	46.24	Resident
0<2	DPM	139.61	Resident
2<16	DPM	18.62	Resident
16<30	DPM	2.87	Resident
2<9	DPM	33.22	Onsite daycare
16<70	DPM	3.98	Worker
3rd Tri	TOG-Exh	0.26	Resident
0<2	TOG-Exh	0.80	Resident
2<16	TOG-Exh	0.11	Resident
16<30	TOG-Exh	0.02	Resident
2<9	TOG-Exh	0.19	Onsite daycare
16<70	TOG-Exh	0.02	Worker
3rd Tri	TOG-Eva	0.02	Resident
0<2	TOG-Eva	0.05	Resident
2<16	TOG-Eva	0.01	Resident
16<30	TOG-Eva	0.00	Resident
2<9	TOG-Eva	0.01	Onsite daycare
16<70	TOG-Eva	0.00	Worker
0<2	DPM	164.25	CSP Child
2<16	DPM	25.86	CSP Child
16<30	DPM	3.93	CSP Child
0<2	TOG-Exh	0.94	CSP Child
2<16	TOG-Exh	0.15	CSP Child
16<30	TOG-Exh	0.02	CSP Child
0<2	TOG-Eva	0.06	CSP Child
2<16	TOG-Eva	0.01	CSP Child
16<30	TOG-Eva	0.00	CSP Child

Onsite Daycare - Student Caner Risk Calculations

Total Cancer Risk (chances per million)

Phase 1 Operation	Phase 1 CSTN	Total
0.32	0.17	0.49

Notes:

1. The onsite daycare will be demolished during Phase 2 construction, and the daycare serves children ages two through pre-K (age 5). Therefore, for cancer risk calculation, onsite daycare receptors were assumed to be exposed to all Phase 1 construction emissions and a maximum of four years of Phase 1 operations.

2. Cancer risk calculation is based on 8 hours per day, and 250 days per year of exposure.

Operational Cancer Risk Per Year

AgeBin	X	Y	Cancer Risk (per million per year) Phase 1 Operation
2<9	595305.29	4173022.5	0.0807594

Operational GLC

Year	Pollutant	Phase	GLC (ug/m^3)	X	Y
2021	DPM	Phase 1	0.00041247	595203.1	4172931.4
2021	TOG-Eva	Phase 1	1.69908721	595203.1	4172931.4
2021	TOG-Exh	Phase 1	0.25331264	595203.1	4172931.4

Risk Factor

Age Bin	Pollutant	Cancer Risk Factor (Per Million Per Year Per 1 ug/m^3)
2<9	DPM	33.22
2<9	TOG-Eva	1.12E-02
2<9	TOG-Exh	0.19

ClubSportPleasant User - Cancer Risk Calculations

Total 30-year Exposure Scenarios' Cancer Risk Summary

CSTN+Op			
Operation	**CSTN**	**Total**	**Full Operation**
1.53	0.36	1.89	2.43

Notes:

1. The CSP facility's Kids World program allows a child of 6 weeks to 3 months old to stay at the facility for a maximum of one and half hours per day, and a child 3 months or older to stay for a maximum of four hours per day, through age 17. For cancer risk calculations, this HRA conservatively assumed an individual would be present four hours per day, seven days per week, 350 days per year from birth to 30 years old (representing a highly conservative and unlikely scenario of 30-year total

2. Scenario "CSTN+Op" evaluates cancer risk from all construction and operational activities from 2020 to 2050. Scenario "Full Operation" evaluates cancer risk from

Operational Cancer Risk Per Year

			Cancer Risk (per million per year)		
AgeBin	**X**	**Y**	**Phase 1_2021**	**Phase 1 SRC_2031**	**Phase 2 SRC_2031**
0<2	595305.29	4173022.49	0.254	0.216	0.224
2<16	595305.29	4173022.49	0.040	0.034	0.035
16<30	595305.29	4173022.49	0.037	0.036	0.005

Operational GLC

Year	Pollutant	Phase	GLC	X	Y
2021	DPM	Phase 1	0.000434341	595305.29	4173022.49
2021	TOG-Eva	Phase 1	1.546100654	595305.29	4173022.49
2021	TOG-Exh	Phase 1	0.103503674	595305.29	4173022.49
2031	DPM	Phase 1	0.000205569	595305.29	4173022.49
2031	TOG-Eva	Phase 1	1.546100654	595305.29	4173022.49
2031	TOG-Exh	Phase 1	0.103503674	595305.29	4173022.49
2031	DPM	Phase 2	0.001242429	595305.29	4173022.49
2031	TOG-Eva	Phase 2	0.024572583	595305.29	4173022.49
2031	TOG-Exh	Phase 2	0.019366248	595305.29	4173022.49

Risk Factor

Age Bin	Pollutant	Cancer Risk Factor (Per Million Per Year Per 1 ug/m^3)
0<2	DPM	164.247
0<2	TOG-Eva	0.055
0<2	TOG-Exh	0.938
2<16	DPM	25.858
2<16	TOG-Eva	0.009
2<16	TOG-Exh	0.148
16<30	DPM	3.933
16<30	TOG-Exh	0.022
16<30	TOG-Eva	0.001

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
594854	4172863	0.03	0.10	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
594854	4172883	0.03	0.09	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
594854	4172903	0.03	0.09	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
594854	4172923	0.03	0.08	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
594874	4172823	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00	0.03	0.09	0.01	0.00	0.00
594874	4172843	0.04	0.11	0.01	0.00	0.00	0.03	0.09	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
594874	4172863	0.03	0.11	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
594874	4172883	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
594874	4172903	0.03	0.09	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
594874	4172923	0.03	0.09	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
594894	4172803	0.05	0.14	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00	0.04	0.11	0.01	0.00	0.00
594894	4172823	0.04	0.13	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00	0.03	0.10	0.01	0.00	0.00
594894	4172843	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00	0.03	0.09	0.01	0.00	0.00
594894	4172863	0.04	0.11	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
594894	4172883	0.03	0.10	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
594894	4172903	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
594894	4172923	0.03	0.09	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
594914	4172803	0.05	0.15	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
594914	4172823	0.04	0.14	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00	0.04	0.11	0.01	0.00	0.00
594914	4172843	0.04	0.13	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00	0.03	0.10	0.01	0.00	0.00
594914	4172863	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00	0.03	0.09	0.01	0.00	0.00
594914	4172883	0.04	0.11	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
594914	4172903	0.03	0.10	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
594914	4172923	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
594934	4172783	0.06	0.17	0.02	0.00	0.00	0.05	0.14	0.02	0.00	0.00	0.05	0.15	0.02	0.00	0.00
594934	4172803	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
594934	4172823	0.05	0.14	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
594934	4172843	0.04	0.13	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00	0.04	0.11	0.01	0.00	0.00
594934	4172863	0.04	0.12	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00	0.03	0.09	0.01	0.00	0.00
594954	4172783	0.06	0.18	0.02	0.00	0.01	0.05	0.15	0.02	0.00	0.00	0.05	0.16	0.02	0.00	0.00
594954	4172803	0.06	0.17	0.02	0.00	0.00	0.05	0.14	0.02	0.00	0.00	0.05	0.15	0.02	0.00	0.00
594954	4172823	0.05	0.15	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
594954	4172843	0.05	0.14	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
594974	4172783	0.06	0.20	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00	0.06	0.18	0.02	0.00	0.01
594974	4172803	0.06	0.18	0.02	0.00	0.01	0.05	0.15	0.02	0.00	0.00	0.06	0.17	0.02	0.00	0.00
595014	4172563	0.13	0.40	0.05	0.01	0.01	0.12	0.35	0.05	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595014	4172583	0.13	0.39	0.05	0.01	0.01	0.11	0.34	0.05	0.01	0.01	0.07	0.21	0.03	0.00	0.01

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595022.43	4172341.44	0.14	0.42	0.06	0.01	0.01	0.11	0.34	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595034	4172503	0.15	0.45	0.06	0.01	0.01	0.13	0.39	0.05	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595034	4172523	0.15	0.45	0.06	0.01	0.01	0.13	0.39	0.05	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595034	4172543	0.15	0.44	0.06	0.01	0.01	0.13	0.38	0.05	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595034	4172563	0.14	0.43	0.06	0.01	0.01	0.13	0.38	0.05	0.01	0.01	0.07	0.21	0.03	0.00	0.01
595034	4172583	0.14	0.43	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595034	4172603	0.14	0.42	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.08	0.24	0.03	0.00	0.01
595042.43	4172281.44	0.14	0.43	0.06	0.01	0.01	0.11	0.34	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595042.43	4172301.44	0.14	0.43	0.06	0.01	0.01	0.11	0.35	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595042.43	4172321.44	0.15	0.44	0.06	0.01	0.01	0.12	0.35	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595042.43	4172341.44	0.15	0.44	0.06	0.01	0.01	0.12	0.36	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595054	4172463	0.16	0.48	0.06	0.01	0.01	0.14	0.41	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595054	4172483	0.15	0.47	0.06	0.01	0.01	0.13	0.40	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595054	4172503	0.16	0.48	0.06	0.01	0.01	0.14	0.41	0.05	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595054	4172523	0.16	0.48	0.06	0.01	0.01	0.14	0.41	0.06	0.01	0.01	0.06	0.19	0.03	0.00	0.01
595054	4172543	0.16	0.48	0.06	0.01	0.01	0.14	0.41	0.06	0.01	0.01	0.07	0.21	0.03	0.00	0.01
595054	4172563	0.16	0.47	0.06	0.01	0.01	0.14	0.41	0.05	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595054	4172583	0.15	0.46	0.06	0.01	0.01	0.13	0.41	0.05	0.01	0.01	0.08	0.24	0.03	0.00	0.01
595054	4172603	0.15	0.46	0.06	0.01	0.01	0.13	0.40	0.05	0.01	0.01	0.09	0.26	0.03	0.01	0.01
595062.43	4172201.44	0.15	0.46	0.06	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595062.43	4172221.44	0.15	0.45	0.06	0.01	0.01	0.11	0.34	0.04	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595062.43	4172241.44	0.15	0.45	0.06	0.01	0.01	0.11	0.34	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595062.43	4172261.44	0.15	0.45	0.06	0.01	0.01	0.11	0.35	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595062.43	4172281.44	0.15	0.45	0.06	0.01	0.01	0.12	0.35	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595062.43	4172301.44	0.15	0.45	0.06	0.01	0.01	0.12	0.36	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595062.43	4172321.44	0.15	0.46	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595062.43	4172341.44	0.15	0.47	0.06	0.01	0.01	0.13	0.38	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595074	4172423	0.17	0.50	0.07	0.01	0.01	0.14	0.43	0.06	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595074	4172443	0.17	0.51	0.07	0.01	0.01	0.14	0.43	0.06	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595074	4172463	0.17	0.51	0.07	0.01	0.01	0.14	0.44	0.06	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595074	4172483	0.17	0.51	0.07	0.01	0.01	0.15	0.44	0.06	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595074	4172503	0.17	0.51	0.07	0.01	0.01	0.15	0.44	0.06	0.01	0.01	0.06	0.19	0.02	0.00	0.01
595074	4172523	0.17	0.51	0.07	0.01	0.01	0.15	0.45	0.06	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595074	4172543	0.17	0.51	0.07	0.01	0.01	0.15	0.45	0.06	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595074	4172563	0.17	0.51	0.07	0.01	0.01	0.15	0.45	0.06	0.01	0.01	0.08	0.24	0.03	0.00	0.01
595074	4172583	0.17	0.51	0.07	0.01	0.01	0.15	0.45	0.06	0.01	0.01	0.09	0.26	0.03	0.01	0.01
595074	4172603	0.17	0.50	0.07	0.01	0.01	0.15	0.44	0.06	0.01	0.01	0.09	0.28	0.04	0.01	0.01

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595082.43	4172141.44	0.17	0.53	0.07	0.01	0.02	0.11	0.34	0.05	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595082.43	4172161.44	0.17	0.51	0.07	0.01	0.01	0.11	0.35	0.05	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595082.43	4172181.44	0.17	0.50	0.07	0.01	0.01	0.12	0.35	0.05	0.01	0.01	0.04	0.14	0.02	0.00	0.00
595082.43	4172201.44	0.16	0.49	0.06	0.01	0.01	0.12	0.35	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595082.43	4172221.44	0.16	0.48	0.06	0.01	0.01	0.12	0.35	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595082.43	4172241.44	0.16	0.47	0.06	0.01	0.01	0.12	0.35	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595082.43	4172261.44	0.15	0.47	0.06	0.01	0.01	0.12	0.36	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595082.43	4172281.44	0.16	0.47	0.06	0.01	0.01	0.12	0.36	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595082.43	4172301.44	0.16	0.47	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595082.43	4172321.44	0.16	0.48	0.06	0.01	0.01	0.13	0.38	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595082.43	4172341.44	0.16	0.49	0.07	0.01	0.01	0.13	0.40	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595094	4172423	0.18	0.54	0.07	0.01	0.02	0.15	0.46	0.06	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595094	4172443	0.18	0.54	0.07	0.01	0.02	0.15	0.46	0.06	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595094	4172463	0.18	0.54	0.07	0.01	0.02	0.15	0.47	0.06	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595094	4172483	0.18	0.54	0.07	0.01	0.02	0.16	0.47	0.06	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595094	4172503	0.18	0.54	0.07	0.01	0.02	0.16	0.47	0.06	0.01	0.01	0.06	0.20	0.03	0.00	0.01
595094	4172523	0.18	0.55	0.07	0.01	0.02	0.16	0.48	0.06	0.01	0.01	0.07	0.21	0.03	0.00	0.01
595094	4172543	0.18	0.55	0.07	0.01	0.02	0.16	0.48	0.06	0.01	0.01	0.08	0.23	0.03	0.00	0.01
595094	4172563	0.18	0.55	0.07	0.01	0.02	0.16	0.49	0.07	0.01	0.01	0.08	0.25	0.03	0.01	0.01
595102.43	4172101.44	0.20	0.60	0.08	0.01	0.02	0.11	0.34	0.05	0.01	0.01	0.04	0.12	0.02	0.00	0.00
595102.43	4172121.44	0.19	0.58	0.08	0.01	0.02	0.12	0.35	0.05	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595102.43	4172141.44	0.19	0.56	0.07	0.01	0.02	0.12	0.36	0.05	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595102.43	4172161.44	0.18	0.54	0.07	0.01	0.02	0.12	0.36	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595102.43	4172181.44	0.17	0.53	0.07	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595102.43	4172201.44	0.17	0.51	0.07	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595102.43	4172221.44	0.17	0.50	0.07	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595102.43	4172241.44	0.16	0.49	0.07	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595102.43	4172261.44	0.16	0.49	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595102.43	4172281.44	0.16	0.49	0.06	0.01	0.01	0.12	0.38	0.05	0.01	0.01	0.05	0.17	0.02	0.00	0.00
595102.43	4172301.44	0.16	0.49	0.07	0.01	0.01	0.13	0.39	0.05	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595102.43	4172321.44	0.17	0.50	0.07	0.01	0.01	0.13	0.40	0.05	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595102.43	4172341.44	0.17	0.51	0.07	0.01	0.01	0.14	0.42	0.06	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595114	4172443	0.19	0.58	0.08	0.01	0.02	0.16	0.49	0.07	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595114	4172463	0.19	0.58	0.08	0.01	0.02	0.17	0.50	0.07	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595114	4172483	0.19	0.58	0.08	0.01	0.02	0.17	0.50	0.07	0.01	0.01	0.06	0.19	0.03	0.00	0.01
595114	4172503	0.19	0.58	0.08	0.01	0.02	0.17	0.51	0.07	0.01	0.01	0.07	0.21	0.03	0.00	0.01
595122.43	4172101.44	0.21	0.64	0.09	0.01	0.02	0.12	0.36	0.05	0.01	0.01	0.04	0.13	0.02	0.00	0.00

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595122.43	4172121.44	0.21	0.62	0.08	0.01	0.02	0.12	0.38	0.05	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595122.43	4172141.44	0.20	0.60	0.08	0.01	0.02	0.13	0.38	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595122.43	4172161.44	0.19	0.58	0.08	0.01	0.02	0.13	0.39	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595122.43	4172181.44	0.18	0.56	0.07	0.01	0.02	0.13	0.39	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595122.43	4172201.44	0.18	0.54	0.07	0.01	0.02	0.13	0.39	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595122.43	4172221.44	0.17	0.52	0.07	0.01	0.01	0.13	0.38	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595122.43	4172241.44	0.17	0.51	0.07	0.01	0.01	0.13	0.38	0.05	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595122.43	4172261.44	0.17	0.51	0.07	0.01	0.01	0.13	0.38	0.05	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595122.43	4172281.44	0.17	0.51	0.07	0.01	0.01	0.13	0.39	0.05	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595122.43	4172301.44	0.17	0.51	0.07	0.01	0.01	0.13	0.40	0.05	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595122.43	4172321.44	0.17	0.52	0.07	0.01	0.01	0.14	0.42	0.06	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595122.43	4172341.44	0.18	0.54	0.07	0.01	0.02	0.14	0.44	0.06	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595134	4172443	0.21	0.62	0.08	0.01	0.02	0.18	0.53	0.07	0.01	0.02	0.06	0.19	0.03	0.00	0.01
595142.43	4172101.44	0.23	0.69	0.09	0.01	0.02	0.13	0.39	0.05	0.01	0.01	0.04	0.14	0.02	0.00	0.00
595142.43	4172121.44	0.22	0.66	0.09	0.01	0.02	0.13	0.40	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595142.43	4172141.44	0.21	0.64	0.09	0.01	0.02	0.14	0.41	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595142.43	4172161.44	0.20	0.62	0.08	0.01	0.02	0.14	0.41	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595142.43	4172181.44	0.20	0.59	0.08	0.01	0.02	0.14	0.41	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595142.43	4172201.44	0.19	0.57	0.08	0.01	0.02	0.13	0.41	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595142.43	4172221.44	0.18	0.55	0.07	0.01	0.02	0.13	0.40	0.05	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595142.43	4172241.44	0.18	0.54	0.07	0.01	0.02	0.13	0.40	0.05	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595142.43	4172261.44	0.18	0.53	0.07	0.01	0.02	0.13	0.40	0.05	0.01	0.01	0.06	0.19	0.02	0.00	0.01
595142.43	4172281.44	0.18	0.53	0.07	0.01	0.02	0.13	0.41	0.05	0.01	0.01	0.06	0.19	0.03	0.00	0.01
595142.43	4172301.44	0.18	0.53	0.07	0.01	0.02	0.14	0.42	0.06	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595142.43	4172321.44	0.18	0.55	0.07	0.01	0.02	0.14	0.44	0.06	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595142.43	4172341.44	0.19	0.56	0.08	0.01	0.02	0.15	0.46	0.06	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595146.24	4171970.65	0.28	0.84	0.11	0.02	0.02	0.08	0.24	0.03	0.00	0.01	0.04	0.11	0.01	0.00	0.00
595146.24	4171990.65	0.27	0.83	0.11	0.02	0.02	0.09	0.26	0.03	0.01	0.01	0.04	0.12	0.02	0.00	0.00
595158.78	4172948.61	0.07	0.22	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01	0.06	0.20	0.03	0.00	0.01
595162.43	4172201.44	0.20	0.61	0.08	0.01	0.02	0.14	0.43	0.06	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595162.43	4172221.44	0.19	0.59	0.08	0.01	0.02	0.14	0.42	0.06	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595162.43	4172241.44	0.19	0.57	0.08	0.01	0.02	0.14	0.42	0.06	0.01	0.01	0.06	0.19	0.03	0.00	0.01
595162.43	4172281.44	0.18	0.55	0.07	0.01	0.02	0.14	0.42	0.06	0.01	0.01	0.07	0.21	0.03	0.00	0.01
595162.43	4172301.44	0.18	0.56	0.07	0.01	0.02	0.14	0.43	0.06	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595162.43	4172321.44	0.19	0.57	0.08	0.01	0.02	0.15	0.45	0.06	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595162.43	4172341.44	0.20	0.59	0.08	0.01	0.02	0.16	0.48	0.06	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595166.24	4171930.65	0.30	0.91	0.12	0.02	0.03	0.06	0.19	0.03	0.00	0.01	0.03	0.10	0.01	0.00	0.00

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595166.24	4171950.65	0.30	0.91	0.12	0.02	0.03	0.07	0.21	0.03	0.00	0.01	0.04	0.11	0.01	0.00	0.00
595166.24	4171970.65	0.30	0.91	0.12	0.02	0.03	0.08	0.24	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595166.24	4171990.65	0.30	0.89	0.12	0.02	0.03	0.09	0.26	0.03	0.01	0.01	0.04	0.12	0.02	0.00	0.00
595186.24	4171890.65	0.30	0.92	0.12	0.02	0.03	0.05	0.16	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595186.24	4171910.65	0.32	0.96	0.13	0.02	0.03	0.06	0.17	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595186.24	4171930.65	0.32	0.98	0.13	0.02	0.03	0.06	0.19	0.03	0.00	0.01	0.04	0.11	0.01	0.00	0.00
595186.24	4171950.65	0.33	0.98	0.13	0.02	0.03	0.07	0.21	0.03	0.00	0.01	0.04	0.11	0.02	0.00	0.00
595186.24	4171970.65	0.32	0.98	0.13	0.02	0.03	0.08	0.24	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595186.24	4171990.65	0.32	0.96	0.13	0.02	0.03	0.09	0.26	0.04	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595203.12	4172931.43	0.11	0.34	0.05	0.01	0.01	0.10	0.31	0.04	0.01	0.01	0.12	0.35	0.05	0.01	0.01
595206.24	4171870.65	0.30	0.92	0.12	0.02	0.03	0.05	0.14	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595206.24	4171890.65	0.32	0.98	0.13	0.02	0.03	0.05	0.16	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595206.24	4171910.65	0.34	1.02	0.14	0.02	0.03	0.06	0.17	0.02	0.00	0.00	0.03	0.11	0.01	0.00	0.00
595206.24	4171930.65	0.35	1.05	0.14	0.02	0.03	0.06	0.19	0.03	0.00	0.01	0.04	0.11	0.01	0.00	0.00
595206.24	4171950.65	0.35	1.06	0.14	0.02	0.03	0.07	0.21	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595206.24	4171970.65	0.35	1.06	0.14	0.02	0.03	0.08	0.23	0.03	0.00	0.01	0.04	0.13	0.02	0.00	0.00
595206.24	4171990.65	0.35	1.05	0.14	0.02	0.03	0.09	0.26	0.03	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595207.62	4172857.58	0.39	1.18	0.16	0.02	0.03	0.38	1.14	0.15	0.02	0.03	0.63	1.91	0.26	0.04	0.05
595216.89	4172907.31	0.15	0.46	0.06	0.01	0.01	0.14	0.43	0.06	0.01	0.01	0.19	0.56	0.08	0.01	0.02
595226.24	4171850.65	0.29	0.88	0.12	0.02	0.02	0.04	0.13	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595226.24	4171870.65	0.32	0.96	0.13	0.02	0.03	0.05	0.14	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595226.24	4171890.65	0.34	1.03	0.14	0.02	0.03	0.05	0.16	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595226.24	4171910.65	0.36	1.09	0.15	0.02	0.03	0.06	0.17	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595226.24	4171930.65	0.38	1.13	0.15	0.02	0.03	0.06	0.19	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595226.24	4171950.65	0.38	1.16	0.15	0.02	0.03	0.07	0.21	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595226.24	4171970.65	0.38	1.16	0.15	0.02	0.03	0.08	0.23	0.03	0.00	0.01	0.04	0.13	0.02	0.00	0.00
595229.35	4172793.73	0.47	1.43	0.19	0.03	0.04	0.46	1.38	0.18	0.03	0.04	0.61	1.85	0.25	0.04	0.05
595229.53	4172979.48	0.08	0.23	0.03	0.00	0.01	0.07	0.20	0.03	0.00	0.01	0.08	0.23	0.03	0.00	0.01
595234	4172863	0.24	0.73	0.10	0.02	0.02	0.23	0.69	0.09	0.01	0.02	0.60	1.82	0.24	0.04	0.05
595234	4172883	0.19	0.58	0.08	0.01	0.02	0.18	0.54	0.07	0.01	0.02	0.41	1.24	0.17	0.03	0.04
595234	4172903	0.15	0.46	0.06	0.01	0.01	0.14	0.42	0.06	0.01	0.01	0.24	0.71	0.10	0.01	0.02
595246.24	4171830.65	0.27	0.81	0.11	0.02	0.02	0.04	0.12	0.02	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595246.24	4171850.65	0.30	0.90	0.12	0.02	0.03	0.04	0.13	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595246.24	4171870.65	0.33	1.00	0.13	0.02	0.03	0.05	0.14	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595246.24	4171890.65	0.36	1.09	0.14	0.02	0.03	0.05	0.15	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595246.24	4171910.65	0.39	1.17	0.16	0.02	0.03	0.06	0.17	0.02	0.00	0.00	0.04	0.11	0.02	0.00	0.00
595246.24	4171930.65	0.41	1.23	0.16	0.03	0.03	0.06	0.19	0.02	0.00	0.01	0.04	0.12	0.02	0.00	0.00

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595246.24	4171950.65	0.42	1.26	0.17	0.03	0.04	0.07	0.21	0.03	0.00	0.01	0.04	0.13	0.02	0.00	0.00
595246.24	4171970.65	0.42	1.27	0.17	0.03	0.04	0.08	0.23	0.03	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595251.41	4172717.21	0.67	2.02	0.27	0.04	0.06	0.65	1.95	0.26	0.04	0.06	0.72	2.16	0.29	0.04	0.06
595254	4172823	0.29	0.87	0.12	0.02	0.02	0.27	0.82	0.11	0.02	0.02	1.88	5.67	0.76	0.12	0.16
595254	4172843	0.25	0.74	0.10	0.02	0.02	0.23	0.70	0.09	0.01	0.02	1.34	4.05	0.54	0.08	0.12
595254	4172863	0.21	0.62	0.08	0.01	0.02	0.19	0.58	0.08	0.01	0.02	0.76	2.30	0.31	0.05	0.07
595254	4172883	0.17	0.52	0.07	0.01	0.01	0.16	0.48	0.06	0.01	0.01	0.42	1.26	0.17	0.03	0.04
595254	4172903	0.14	0.43	0.06	0.01	0.01	0.13	0.39	0.05	0.01	0.01	0.26	0.77	0.10	0.02	0.02
595254	4172923	0.12	0.37	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.18	0.53	0.07	0.01	0.02
595259.54	4172956.67	0.10	0.29	0.04	0.01	0.01	0.08	0.25	0.03	0.01	0.01	0.11	0.33	0.04	0.01	0.01
595266.24	4171810.65	0.24	0.73	0.10	0.02	0.02	0.04	0.11	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595266.24	4171830.65	0.27	0.82	0.11	0.02	0.02	0.04	0.12	0.02	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595266.24	4171850.65	0.31	0.93	0.12	0.02	0.03	0.04	0.13	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595266.24	4171870.65	0.34	1.03	0.14	0.02	0.03	0.05	0.14	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595266.24	4171890.65	0.38	1.14	0.15	0.02	0.03	0.05	0.15	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595266.24	4171910.65	0.41	1.24	0.17	0.03	0.04	0.06	0.17	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595266.24	4171930.65	0.44	1.32	0.18	0.03	0.04	0.06	0.19	0.02	0.00	0.01	0.04	0.13	0.02	0.00	0.00
595266.24	4171950.65	0.46	1.38	0.18	0.03	0.04	0.07	0.21	0.03	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595266.24	4171970.65	0.46	1.40	0.19	0.03	0.04	0.08	0.23	0.03	0.00	0.01	0.05	0.15	0.02	0.00	0.00
595271.59	4172931.11	0.11	0.34	0.05	0.01	0.01	0.10	0.31	0.04	0.01	0.01	0.16	0.47	0.06	0.01	0.01
595274	4172783	0.34	1.02	0.14	0.02	0.03	0.32	0.97	0.13	0.02	0.03	0.53	1.61	0.22	0.03	0.05
595274	4172803	0.29	0.89	0.12	0.02	0.03	0.28	0.84	0.11	0.02	0.02	0.81	2.46	0.33	0.05	0.07
595274	4172823	0.26	0.77	0.10	0.02	0.02	0.24	0.72	0.10	0.01	0.02	0.92	2.78	0.37	0.06	0.08
595274	4172843	0.22	0.67	0.09	0.01	0.02	0.21	0.62	0.08	0.01	0.02	0.76	2.28	0.30	0.05	0.07
595274	4172863	0.19	0.57	0.08	0.01	0.02	0.17	0.52	0.07	0.01	0.01	0.52	1.58	0.21	0.03	0.05
595274	4172883	0.16	0.49	0.06	0.01	0.01	0.15	0.45	0.06	0.01	0.01	0.35	1.06	0.14	0.02	0.03
595274	4172903	0.14	0.42	0.06	0.01	0.01	0.13	0.38	0.05	0.01	0.01	0.24	0.74	0.10	0.02	0.02
595274	4172923	0.12	0.36	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.18	0.53	0.07	0.01	0.02
595276.16	4172654.64	0.83	2.52	0.34	0.05	0.07	0.79	2.39	0.32	0.05	0.07	0.57	1.73	0.23	0.04	0.05
595286.24	4171790.65	0.21	0.64	0.09	0.01	0.02	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595286.24	4171810.65	0.24	0.73	0.10	0.01	0.02	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595286.24	4171830.65	0.27	0.83	0.11	0.02	0.02	0.04	0.11	0.02	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595286.24	4171850.65	0.31	0.94	0.13	0.02	0.03	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595286.24	4171870.65	0.35	1.07	0.14	0.02	0.03	0.05	0.14	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595286.24	4171890.65	0.40	1.19	0.16	0.02	0.03	0.05	0.15	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595286.24	4171910.65	0.44	1.32	0.18	0.03	0.04	0.05	0.17	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595286.24	4171930.65	0.47	1.43	0.19	0.03	0.04	0.06	0.18	0.02	0.00	0.01	0.04	0.13	0.02	0.00	0.00

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595286.24	4171950.65	0.50	1.51	0.20	0.03	0.04	0.07	0.20	0.03	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595293.61	4172706.67	0.82	2.47	0.33	0.05	0.07	0.78	2.36	0.32	0.05	0.07	1.56	4.72	0.63	0.10	0.13
595294	4172743	0.47	1.42	0.19	0.03	0.04	0.45	1.35	0.18	0.03	0.04	0.58	1.75	0.23	0.04	0.05
595294	4172763	0.39	1.17	0.16	0.02	0.03	0.37	1.10	0.15	0.02	0.03	0.47	1.41	0.19	0.03	0.04
595294	4172803	0.28	0.85	0.11	0.02	0.02	0.26	0.80	0.11	0.02	0.02	0.56	1.70	0.23	0.04	0.05
595294	4172823	0.24	0.73	0.10	0.02	0.02	0.23	0.68	0.09	0.01	0.02	0.57	1.71	0.23	0.04	0.05
595294	4172843	0.21	0.63	0.08	0.01	0.02	0.19	0.59	0.08	0.01	0.02	0.49	1.47	0.20	0.03	0.04
595294	4172863	0.18	0.55	0.07	0.01	0.02	0.17	0.51	0.07	0.01	0.01	0.38	1.14	0.15	0.02	0.03
595294	4172883	0.16	0.48	0.06	0.01	0.01	0.14	0.43	0.06	0.01	0.01	0.28	0.86	0.11	0.02	0.02
595294	4172903	0.14	0.41	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.22	0.65	0.09	0.01	0.02
595294	4172923	0.12	0.36	0.05	0.01	0.01	0.11	0.32	0.04	0.01	0.01	0.17	0.50	0.07	0.01	0.01
595294	4173023	0.07	0.21	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01	0.06	0.19	0.03	0.00	0.01
595294	4173043	0.06	0.19	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00	0.05	0.16	0.02	0.00	0.00
595294	4173063	0.06	0.18	0.02	0.00	0.01	0.05	0.15	0.02	0.00	0.00	0.05	0.14	0.02	0.00	0.00
595305.29	4173022.49	0.07	0.22	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01	0.06	0.19	0.03	0.00	0.01
595306.24	4171790.65	0.21	0.63	0.08	0.01	0.02	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595306.24	4171810.65	0.24	0.72	0.10	0.01	0.02	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595306.24	4171830.65	0.28	0.83	0.11	0.02	0.02	0.04	0.11	0.02	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595306.24	4171850.65	0.32	0.95	0.13	0.02	0.03	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595306.24	4171870.65	0.36	1.09	0.15	0.02	0.03	0.04	0.14	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595306.24	4171890.65	0.41	1.24	0.17	0.03	0.04	0.05	0.15	0.02	0.00	0.00	0.04	0.11	0.02	0.00	0.00
595306.24	4171910.65	0.46	1.39	0.19	0.03	0.04	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
595314	4172743	0.55	1.65	0.22	0.03	0.05	0.52	1.57	0.21	0.03	0.04	0.50	1.50	0.20	0.03	0.04
595314	4172763	0.43	1.28	0.17	0.03	0.04	0.40	1.22	0.16	0.03	0.03	0.43	1.30	0.17	0.03	0.04
595314	4172803	0.29	0.87	0.12	0.02	0.02	0.27	0.82	0.11	0.02	0.02	0.43	1.29	0.17	0.03	0.04
595314	4172863	0.18	0.55	0.07	0.01	0.02	0.17	0.50	0.07	0.01	0.01	0.29	0.87	0.12	0.02	0.02
595314	4172883	0.16	0.47	0.06	0.01	0.01	0.14	0.43	0.06	0.01	0.01	0.23	0.70	0.09	0.01	0.02
595314	4172903	0.14	0.41	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.19	0.56	0.08	0.01	0.02
595314	4172923	0.12	0.37	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.15	0.46	0.06	0.01	0.01
595314	4172943	0.11	0.33	0.04	0.01	0.01	0.10	0.29	0.04	0.01	0.01	0.12	0.38	0.05	0.01	0.01
595314	4172963	0.10	0.29	0.04	0.01	0.01	0.09	0.26	0.03	0.01	0.01	0.10	0.31	0.04	0.01	0.01
595314	4172983	0.09	0.26	0.04	0.01	0.01	0.08	0.23	0.03	0.00	0.01	0.09	0.26	0.03	0.01	0.01
595314	4173003	0.08	0.24	0.03	0.00	0.01	0.07	0.21	0.03	0.00	0.01	0.07	0.22	0.03	0.00	0.01
595314	4173023	0.07	0.22	0.03	0.00	0.01	0.06	0.19	0.02	0.00	0.01	0.06	0.19	0.03	0.00	0.01
595314	4173043	0.07	0.20	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00	0.05	0.17	0.02	0.00	0.00
595314	4173063	0.06	0.19	0.02	0.00	0.01	0.05	0.16	0.02	0.00	0.00	0.05	0.15	0.02	0.00	0.00
595326.24	4171790.65	0.20	0.62	0.08	0.01	0.02	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595326.24	4171810.65	0.24	0.71	0.09	0.01	0.02	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595326.24	4171830.65	0.27	0.82	0.11	0.02	0.02	0.04	0.11	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595326.24	4171850.65	0.32	0.96	0.13	0.02	0.03	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595334	4172743	0.74	2.25	0.30	0.05	0.06	0.71	2.15	0.29	0.04	0.06	0.41	1.23	0.16	0.03	0.04
595334	4172763	0.53	1.59	0.21	0.03	0.05	0.50	1.51	0.20	0.03	0.04	0.37	1.12	0.15	0.02	0.03
595334	4172823	0.26	0.79	0.10	0.02	0.02	0.24	0.73	0.10	0.02	0.02	0.31	0.94	0.12	0.02	0.03
595334	4172843	0.22	0.66	0.09	0.01	0.02	0.20	0.61	0.08	0.01	0.02	0.27	0.82	0.11	0.02	0.02
595334	4172863	0.19	0.56	0.07	0.01	0.02	0.17	0.51	0.07	0.01	0.01	0.23	0.69	0.09	0.01	0.02
595334	4172883	0.16	0.49	0.06	0.01	0.01	0.15	0.44	0.06	0.01	0.01	0.19	0.58	0.08	0.01	0.02
595334	4172903	0.14	0.43	0.06	0.01	0.01	0.13	0.38	0.05	0.01	0.01	0.16	0.49	0.07	0.01	0.01
595334	4172923	0.12	0.38	0.05	0.01	0.01	0.11	0.34	0.04	0.01	0.01	0.14	0.41	0.06	0.01	0.01
595334	4172943	0.11	0.34	0.04	0.01	0.01	0.10	0.30	0.04	0.01	0.01	0.12	0.35	0.05	0.01	0.01
595334	4172963	0.10	0.30	0.04	0.01	0.01	0.09	0.27	0.04	0.01	0.01	0.10	0.30	0.04	0.01	0.01
595334	4172983	0.09	0.27	0.04	0.01	0.01	0.08	0.24	0.03	0.00	0.01	0.08	0.25	0.03	0.01	0.01
595334	4173003	0.08	0.25	0.03	0.01	0.01	0.07	0.21	0.03	0.00	0.01	0.07	0.22	0.03	0.00	0.01
595334	4173023	0.08	0.23	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01
595334	4173043	0.07	0.21	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01	0.06	0.17	0.02	0.00	0.00
595334	4173063	0.06	0.19	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00	0.05	0.15	0.02	0.00	0.00
595334	4173103	0.05	0.17	0.02	0.00	0.00	0.05	0.14	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595334	4173123	0.05	0.15	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595354	4172763	0.74	2.23	0.30	0.05	0.06	0.71	2.14	0.29	0.04	0.06	0.31	0.94	0.13	0.02	0.03
595354	4172783	0.49	1.47	0.20	0.03	0.04	0.46	1.40	0.19	0.03	0.04	0.29	0.89	0.12	0.02	0.03
595354	4172803	0.36	1.09	0.15	0.02	0.03	0.34	1.03	0.14	0.02	0.03	0.28	0.83	0.11	0.02	0.02
595354	4172823	0.28	0.86	0.11	0.02	0.02	0.26	0.80	0.11	0.02	0.02	0.25	0.76	0.10	0.02	0.02
595354	4172843	0.23	0.70	0.09	0.01	0.02	0.21	0.65	0.09	0.01	0.02	0.22	0.67	0.09	0.01	0.02
595354	4172863	0.20	0.59	0.08	0.01	0.02	0.18	0.54	0.07	0.01	0.02	0.19	0.58	0.08	0.01	0.02
595354	4172903	0.15	0.44	0.06	0.01	0.01	0.13	0.40	0.05	0.01	0.01	0.14	0.43	0.06	0.01	0.01
595354	4172923	0.13	0.39	0.05	0.01	0.01	0.11	0.35	0.05	0.01	0.01	0.12	0.37	0.05	0.01	0.01
595354	4172943	0.12	0.35	0.05	0.01	0.01	0.10	0.31	0.04	0.01	0.01	0.11	0.32	0.04	0.01	0.01
595354	4172963	0.10	0.31	0.04	0.01	0.01	0.09	0.27	0.04	0.01	0.01	0.09	0.28	0.04	0.01	0.01
595354	4172983	0.09	0.28	0.04	0.01	0.01	0.08	0.25	0.03	0.01	0.01	0.08	0.24	0.03	0.01	0.01
595354	4173003	0.09	0.26	0.03	0.01	0.01	0.07	0.22	0.03	0.00	0.01	0.07	0.21	0.03	0.00	0.01
595354	4173023	0.08	0.24	0.03	0.00	0.01	0.07	0.20	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01
595354	4173043	0.07	0.22	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01	0.06	0.17	0.02	0.00	0.00
595354	4173063	0.07	0.20	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00	0.05	0.15	0.02	0.00	0.00
595354	4173083	0.06	0.18	0.02	0.00	0.01	0.05	0.15	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
595354	4173103	0.06	0.17	0.02	0.00	0.00	0.05	0.14	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595354	4173123	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595354	4173143	0.05	0.15	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595354	4173163	0.05	0.14	0.02	0.00	0.00	0.04	0.11	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595374	4172763	1.11	3.37	0.45	0.07	0.10	1.09	3.28	0.44	0.07	0.09	0.26	0.78	0.10	0.02	0.02
595374	4172783	0.63	1.90	0.25	0.04	0.05	0.60	1.82	0.24	0.04	0.05	0.25	0.74	0.10	0.02	0.02
595374	4172803	0.43	1.29	0.17	0.03	0.04	0.41	1.22	0.16	0.03	0.03	0.23	0.69	0.09	0.01	0.02
595374	4172823	0.32	0.97	0.13	0.02	0.03	0.30	0.91	0.12	0.02	0.03	0.21	0.63	0.08	0.01	0.02
595374	4172843	0.25	0.77	0.10	0.02	0.02	0.24	0.71	0.09	0.01	0.02	0.19	0.56	0.08	0.01	0.02
595374	4172863	0.21	0.63	0.08	0.01	0.02	0.19	0.58	0.08	0.01	0.02	0.16	0.49	0.07	0.01	0.01
595374	4172883	0.18	0.54	0.07	0.01	0.02	0.16	0.49	0.07	0.01	0.01	0.14	0.43	0.06	0.01	0.01
595374	4172903	0.15	0.46	0.06	0.01	0.01	0.14	0.42	0.06	0.01	0.01	0.13	0.38	0.05	0.01	0.01
595374	4172923	0.13	0.41	0.05	0.01	0.01	0.12	0.36	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01
595374	4172943	0.12	0.36	0.05	0.01	0.01	0.11	0.32	0.04	0.01	0.01	0.10	0.30	0.04	0.01	0.01
595374	4172963	0.11	0.32	0.04	0.01	0.01	0.09	0.28	0.04	0.01	0.01	0.09	0.26	0.04	0.01	0.01
595374	4172983	0.10	0.29	0.04	0.01	0.01	0.08	0.25	0.03	0.01	0.01	0.08	0.23	0.03	0.00	0.01
595374	4173003	0.09	0.27	0.04	0.01	0.01	0.08	0.23	0.03	0.00	0.01	0.07	0.21	0.03	0.00	0.01
595374	4173023	0.08	0.24	0.03	0.01	0.01	0.07	0.21	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01
595374	4173043	0.07	0.22	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595374	4173063	0.07	0.21	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00	0.05	0.15	0.02	0.00	0.00
595374	4173083	0.06	0.19	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
595374	4173103	0.06	0.18	0.02	0.00	0.01	0.05	0.15	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595374	4173123	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595374	4173143	0.05	0.15	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595374	4173163	0.05	0.14	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595374	4173183	0.04	0.14	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595394	4172783	0.77	2.33	0.31	0.05	0.07	0.75	2.26	0.30	0.05	0.06	0.21	0.63	0.08	0.01	0.02
595394	4172803	0.50	1.50	0.20	0.03	0.04	0.47	1.43	0.19	0.03	0.04	0.19	0.59	0.08	0.01	0.02
595394	4172823	0.36	1.08	0.14	0.02	0.03	0.34	1.02	0.14	0.02	0.03	0.18	0.54	0.07	0.01	0.02
595394	4172843	0.28	0.84	0.11	0.02	0.02	0.26	0.78	0.10	0.02	0.02	0.16	0.48	0.06	0.01	0.01
595394	4172863	0.22	0.68	0.09	0.01	0.02	0.21	0.62	0.08	0.01	0.02	0.14	0.43	0.06	0.01	0.01
595394	4172883	0.19	0.57	0.08	0.01	0.02	0.17	0.52	0.07	0.01	0.01	0.13	0.38	0.05	0.01	0.01
595394	4172923	0.14	0.42	0.06	0.01	0.01	0.13	0.38	0.05	0.01	0.01	0.10	0.30	0.04	0.01	0.01
595394	4172943	0.12	0.38	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.09	0.27	0.04	0.01	0.01
595394	4172963	0.11	0.34	0.04	0.01	0.01	0.10	0.29	0.04	0.01	0.01	0.08	0.25	0.03	0.01	0.01
595394	4172983	0.10	0.30	0.04	0.01	0.01	0.09	0.26	0.04	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595394	4173003	0.09	0.28	0.04	0.01	0.01	0.08	0.24	0.03	0.00	0.01	0.07	0.20	0.03	0.00	0.01
595394	4173023	0.08	0.25	0.03	0.01	0.01	0.07	0.21	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595394	4173043	0.08	0.23	0.03	0.00	0.01	0.06	0.20	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595394	4173063	0.07	0.21	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595394	4173083	0.06	0.20	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
595394	4173103	0.06	0.18	0.02	0.00	0.01	0.05	0.15	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595394	4173123	0.06	0.17	0.02	0.00	0.00	0.05	0.14	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595394	4173143	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595394	4173163	0.05	0.15	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595394	4173183	0.05	0.14	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595413.93	4172953.11	0.12	0.37	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.08	0.24	0.03	0.00	0.01
595414	4172783	0.79	2.39	0.32	0.05	0.07	0.76	2.31	0.31	0.05	0.07	0.18	0.54	0.07	0.01	0.02
595414	4172803	0.53	1.60	0.21	0.03	0.05	0.51	1.53	0.20	0.03	0.04	0.17	0.51	0.07	0.01	0.01
595414	4172823	0.38	1.16	0.15	0.02	0.03	0.36	1.10	0.15	0.02	0.03	0.15	0.47	0.06	0.01	0.01
595414	4172843	0.30	0.90	0.12	0.02	0.03	0.28	0.84	0.11	0.02	0.02	0.14	0.42	0.06	0.01	0.01
595414	4172863	0.24	0.72	0.10	0.01	0.02	0.22	0.67	0.09	0.01	0.02	0.13	0.38	0.05	0.01	0.01
595414	4172883	0.20	0.60	0.08	0.01	0.02	0.18	0.55	0.07	0.01	0.02	0.11	0.34	0.05	0.01	0.01
595414	4172903	0.17	0.52	0.07	0.01	0.01	0.15	0.47	0.06	0.01	0.01	0.10	0.31	0.04	0.01	0.01
595414	4172923	0.15	0.45	0.06	0.01	0.01	0.13	0.40	0.05	0.01	0.01	0.09	0.28	0.04	0.01	0.01
595414	4172943	0.13	0.39	0.05	0.01	0.01	0.12	0.35	0.05	0.01	0.01	0.08	0.25	0.03	0.01	0.01
595414	4172963	0.12	0.35	0.05	0.01	0.01	0.10	0.31	0.04	0.01	0.01	0.08	0.23	0.03	0.00	0.01
595414	4172983	0.10	0.31	0.04	0.01	0.01	0.09	0.27	0.04	0.01	0.01	0.07	0.21	0.03	0.00	0.01
595414	4173003	0.09	0.29	0.04	0.01	0.01	0.08	0.25	0.03	0.01	0.01	0.06	0.19	0.03	0.00	0.01
595414	4173023	0.09	0.26	0.03	0.01	0.01	0.07	0.22	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00
595414	4173043	0.08	0.24	0.03	0.00	0.01	0.07	0.20	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595414	4173063	0.07	0.22	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595414	4173083	0.07	0.20	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
595414	4173103	0.06	0.19	0.02	0.00	0.01	0.05	0.16	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595414	4173123	0.06	0.17	0.02	0.00	0.00	0.05	0.14	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595414	4173143	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595414	4173163	0.05	0.15	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595414	4173183	0.05	0.14	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595424.36	4172061.47	1.23	3.72	0.50	0.08	0.11	0.14	0.43	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01
595427.66	4172811.08	0.46	1.38	0.18	0.03	0.04	0.43	1.31	0.17	0.03	0.04	0.15	0.45	0.06	0.01	0.01
595434	4172783	0.71	2.13	0.28	0.04	0.06	0.68	2.05	0.27	0.04	0.06	0.15	0.47	0.06	0.01	0.01
595434	4172803	0.51	1.53	0.20	0.03	0.04	0.48	1.46	0.19	0.03	0.04	0.15	0.44	0.06	0.01	0.01
595434	4172823	0.38	1.16	0.15	0.02	0.03	0.36	1.09	0.15	0.02	0.03	0.14	0.41	0.05	0.01	0.01
595434	4172843	0.30	0.92	0.12	0.02	0.03	0.28	0.85	0.11	0.02	0.02	0.12	0.38	0.05	0.01	0.01
595434	4172863	0.25	0.75	0.10	0.02	0.02	0.23	0.69	0.09	0.01	0.02	0.11	0.34	0.05	0.01	0.01

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595434	4172883	0.21	0.63	0.08	0.01	0.02	0.19	0.57	0.08	0.01	0.02	0.10	0.31	0.04	0.01	0.01
595434	4172903	0.18	0.54	0.07	0.01	0.02	0.16	0.49	0.06	0.01	0.01	0.09	0.28	0.04	0.01	0.01
595434	4172943	0.14	0.41	0.05	0.01	0.01	0.12	0.36	0.05	0.01	0.01	0.08	0.23	0.03	0.00	0.01
595434	4172963	0.12	0.37	0.05	0.01	0.01	0.11	0.32	0.04	0.01	0.01	0.07	0.21	0.03	0.00	0.01
595434	4172983	0.11	0.33	0.04	0.01	0.01	0.09	0.29	0.04	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595434	4173003	0.10	0.30	0.04	0.01	0.01	0.08	0.26	0.03	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595434	4173023	0.09	0.27	0.04	0.01	0.01	0.08	0.23	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595434	4173043	0.08	0.25	0.03	0.01	0.01	0.07	0.21	0.03	0.00	0.01	0.05	0.15	0.02	0.00	0.00
595434	4173063	0.08	0.23	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595434	4173083	0.07	0.21	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
595434	4173103	0.06	0.19	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595434	4173123	0.06	0.18	0.02	0.00	0.01	0.05	0.15	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595434	4173143	0.06	0.17	0.02	0.00	0.00	0.05	0.14	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595434	4173163	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595434	4173183	0.05	0.15	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595440.32	4172695.89	1.82	5.50	0.73	0.11	0.16	1.77	5.34	0.71	0.11	0.15	0.18	0.53	0.07	0.01	0.02
595453.66	4172369.33	0.38	1.14	0.15	0.02	0.03	0.29	0.87	0.12	0.02	0.02	1.11	3.34	0.45	0.07	0.10
595454	4172803	0.46	1.39	0.19	0.03	0.04	0.44	1.32	0.18	0.03	0.04	0.13	0.39	0.05	0.01	0.01
595454	4172823	0.36	1.10	0.15	0.02	0.03	0.34	1.03	0.14	0.02	0.03	0.12	0.36	0.05	0.01	0.01
595454	4172843	0.30	0.89	0.12	0.02	0.03	0.27	0.83	0.11	0.02	0.02	0.11	0.34	0.04	0.01	0.01
595454	4172863	0.25	0.74	0.10	0.02	0.02	0.23	0.68	0.09	0.01	0.02	0.10	0.31	0.04	0.01	0.01
595454	4172883	0.21	0.63	0.08	0.01	0.02	0.19	0.58	0.08	0.01	0.02	0.09	0.28	0.04	0.01	0.01
595454	4172903	0.18	0.55	0.07	0.01	0.02	0.16	0.49	0.07	0.01	0.01	0.08	0.26	0.03	0.01	0.01
595454	4172943	0.14	0.42	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595454	4172963	0.12	0.38	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595454	4172983	0.11	0.34	0.05	0.01	0.01	0.10	0.30	0.04	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595454	4173003	0.10	0.31	0.04	0.01	0.01	0.09	0.27	0.04	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595454	4173023	0.09	0.28	0.04	0.01	0.01	0.08	0.24	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595454	4173043	0.08	0.26	0.03	0.01	0.01	0.07	0.22	0.03	0.00	0.01	0.05	0.15	0.02	0.00	0.00
595454	4173063	0.08	0.24	0.03	0.00	0.01	0.07	0.20	0.03	0.00	0.01	0.04	0.13	0.02	0.00	0.00
595454	4173083	0.07	0.22	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595454	4173103	0.07	0.20	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00	0.04	0.11	0.02	0.00	0.00
595454	4173123	0.06	0.19	0.02	0.00	0.01	0.05	0.15	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595465.61	4172972.42	0.12	0.36	0.05	0.01	0.01	0.10	0.32	0.04	0.01	0.01	0.06	0.19	0.02	0.00	0.01
595474	4172803	0.41	1.25	0.17	0.03	0.04	0.39	1.17	0.16	0.02	0.03	0.11	0.34	0.05	0.01	0.01
595474	4172823	0.34	1.02	0.14	0.02	0.03	0.31	0.95	0.13	0.02	0.03	0.11	0.32	0.04	0.01	0.01
595474	4172843	0.28	0.85	0.11	0.02	0.02	0.26	0.78	0.10	0.02	0.02	0.10	0.30	0.04	0.01	0.01

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595474	4172863	0.24	0.72	0.10	0.01	0.02	0.22	0.66	0.09	0.01	0.02	0.09	0.28	0.04	0.01	0.01
595474	4172883	0.21	0.62	0.08	0.01	0.02	0.19	0.56	0.08	0.01	0.02	0.09	0.26	0.03	0.01	0.01
595474	4172903	0.18	0.54	0.07	0.01	0.02	0.16	0.49	0.06	0.01	0.01	0.08	0.24	0.03	0.00	0.01
595474	4172923	0.16	0.48	0.06	0.01	0.01	0.14	0.43	0.06	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595474	4172963	0.13	0.38	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.06	0.19	0.02	0.00	0.01
595474	4172983	0.11	0.35	0.05	0.01	0.01	0.10	0.30	0.04	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595474	4173003	0.10	0.31	0.04	0.01	0.01	0.09	0.27	0.04	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595474	4173023	0.10	0.29	0.04	0.01	0.01	0.08	0.25	0.03	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595474	4173043	0.09	0.26	0.04	0.01	0.01	0.07	0.22	0.03	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595474	4173063	0.08	0.24	0.03	0.00	0.01	0.07	0.20	0.03	0.00	0.01	0.04	0.13	0.02	0.00	0.00
595474	4173083	0.07	0.22	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595474	4173103	0.07	0.21	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595474	4173123	0.06	0.19	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595494	4172823	0.31	0.94	0.13	0.02	0.03	0.29	0.87	0.12	0.02	0.02	0.10	0.29	0.04	0.01	0.01
595494	4172843	0.27	0.80	0.11	0.02	0.02	0.24	0.74	0.10	0.02	0.02	0.09	0.27	0.04	0.01	0.01
595494	4172863	0.23	0.69	0.09	0.01	0.02	0.21	0.63	0.08	0.01	0.02	0.08	0.26	0.03	0.01	0.01
595494	4172883	0.20	0.61	0.08	0.01	0.02	0.18	0.55	0.07	0.01	0.02	0.08	0.24	0.03	0.00	0.01
595494	4172903	0.18	0.53	0.07	0.01	0.02	0.16	0.48	0.06	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595494	4172923	0.16	0.47	0.06	0.01	0.01	0.14	0.42	0.06	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595494	4172963	0.13	0.38	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595494	4172983	0.12	0.35	0.05	0.01	0.01	0.10	0.30	0.04	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595494	4173003	0.11	0.32	0.04	0.01	0.01	0.09	0.27	0.04	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595494	4173023	0.10	0.29	0.04	0.01	0.01	0.08	0.25	0.03	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595494	4173043	0.09	0.27	0.04	0.01	0.01	0.08	0.23	0.03	0.00	0.01	0.04	0.13	0.02	0.00	0.00
595494	4173063	0.08	0.25	0.03	0.01	0.01	0.07	0.21	0.03	0.00	0.01	0.04	0.13	0.02	0.00	0.00
595494	4173083	0.08	0.23	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595494	4173103	0.07	0.21	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01	0.04	0.11	0.01	0.00	0.00
595494	4173123	0.07	0.20	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595494	4173143	0.06	0.19	0.02	0.00	0.01	0.05	0.15	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595497.98	4172569.45	1.21	3.66	0.49	0.08	0.10	1.11	3.35	0.45	0.07	0.10	0.14	0.42	0.06	0.01	0.01
595503.43	4172797.49	0.36	1.09	0.15	0.02	0.03	0.33	1.01	0.13	0.02	0.03	0.10	0.30	0.04	0.01	0.01
595509.2	4172311.1	0.62	1.87	0.25	0.04	0.05	0.44	1.31	0.18	0.03	0.04	0.23	0.69	0.09	0.01	0.02
595514	4171823	0.18	0.54	0.07	0.01	0.02	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595514	4171843	0.21	0.62	0.08	0.01	0.02	0.04	0.11	0.02	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595514	4171863	0.24	0.73	0.10	0.02	0.02	0.04	0.13	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595514	4171883	0.30	0.89	0.12	0.02	0.03	0.05	0.14	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595514	4171903	0.36	1.10	0.15	0.02	0.03	0.05	0.16	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595514	4172783	0.37	1.12	0.15	0.02	0.03	0.34	1.03	0.14	0.02	0.03	0.10	0.30	0.04	0.01	0.01
595514	4172823	0.29	0.87	0.12	0.02	0.02	0.26	0.79	0.11	0.02	0.02	0.09	0.27	0.04	0.01	0.01
595514	4172843	0.25	0.76	0.10	0.02	0.02	0.23	0.69	0.09	0.01	0.02	0.08	0.25	0.03	0.01	0.01
595514	4172863	0.22	0.66	0.09	0.01	0.02	0.20	0.60	0.08	0.01	0.02	0.08	0.23	0.03	0.00	0.01
595514	4172883	0.19	0.59	0.08	0.01	0.02	0.17	0.52	0.07	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595514	4172903	0.17	0.52	0.07	0.01	0.01	0.15	0.46	0.06	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595514	4172923	0.15	0.47	0.06	0.01	0.01	0.14	0.41	0.05	0.01	0.01	0.06	0.19	0.03	0.00	0.01
595514	4172943	0.14	0.42	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595514	4172963	0.13	0.38	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.05	0.17	0.02	0.00	0.00
595514	4172983	0.11	0.35	0.05	0.01	0.01	0.10	0.30	0.04	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595514	4173003	0.11	0.32	0.04	0.01	0.01	0.09	0.27	0.04	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595514	4173023	0.10	0.29	0.04	0.01	0.01	0.08	0.25	0.03	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595514	4173043	0.09	0.27	0.04	0.01	0.01	0.08	0.23	0.03	0.00	0.01	0.04	0.13	0.02	0.00	0.00
595514	4173063	0.08	0.25	0.03	0.01	0.01	0.07	0.21	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595514	4173083	0.08	0.23	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01	0.04	0.11	0.02	0.00	0.00
595514	4173103	0.07	0.22	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01	0.04	0.11	0.01	0.00	0.00
595514	4173123	0.07	0.20	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595515	4172097	3.09	9.32	1.24	0.19	0.27	0.26	0.79	0.11	0.02	0.02	0.29	0.86	0.12	0.02	0.02
595531.7	4172736.24	0.45	1.37	0.18	0.03	0.04	0.42	1.27	0.17	0.03	0.04	0.10	0.30	0.04	0.01	0.01
595534	4171763	0.12	0.36	0.05	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595534	4171783	0.13	0.40	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595534	4171803	0.15	0.45	0.06	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595534	4171823	0.17	0.52	0.07	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595534	4171843	0.20	0.60	0.08	0.01	0.02	0.04	0.11	0.02	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595534	4171863	0.24	0.71	0.09	0.01	0.02	0.04	0.13	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595534	4171883	0.29	0.86	0.11	0.02	0.02	0.05	0.14	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595534	4171903	0.35	1.05	0.14	0.02	0.03	0.05	0.16	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595534	4171923	0.44	1.32	0.18	0.03	0.04	0.06	0.18	0.02	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595534	4171943	0.58	1.74	0.23	0.04	0.05	0.07	0.21	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00
595534	4172643	0.58	1.75	0.23	0.04	0.05	0.53	1.59	0.21	0.03	0.05	0.12	0.35	0.05	0.01	0.01
595534	4172663	0.57	1.73	0.23	0.04	0.05	0.52	1.58	0.21	0.03	0.05	0.11	0.34	0.05	0.01	0.01
595534	4172683	0.56	1.68	0.22	0.03	0.05	0.51	1.55	0.21	0.03	0.04	0.11	0.33	0.04	0.01	0.01
595534	4172743	0.43	1.29	0.17	0.03	0.04	0.39	1.19	0.16	0.02	0.03	0.10	0.30	0.04	0.01	0.01
595534	4172763	0.37	1.13	0.15	0.02	0.03	0.34	1.03	0.14	0.02	0.03	0.09	0.28	0.04	0.01	0.01
595534	4172783	0.33	0.99	0.13	0.02	0.03	0.30	0.90	0.12	0.02	0.03	0.09	0.27	0.04	0.01	0.01
595534	4172803	0.29	0.89	0.12	0.02	0.03	0.27	0.81	0.11	0.02	0.02	0.08	0.26	0.03	0.01	0.01
595534	4172823	0.26	0.80	0.11	0.02	0.02	0.24	0.72	0.10	0.01	0.02	0.08	0.24	0.03	0.01	0.01

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595534	4172843	0.24	0.71	0.09	0.01	0.02	0.21	0.64	0.09	0.01	0.02	0.08	0.23	0.03	0.00	0.01
595534	4172863	0.21	0.63	0.08	0.01	0.02	0.19	0.56	0.08	0.01	0.02	0.07	0.22	0.03	0.00	0.01
595534	4172883	0.19	0.56	0.08	0.01	0.02	0.17	0.50	0.07	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595534	4172903	0.17	0.51	0.07	0.01	0.01	0.15	0.45	0.06	0.01	0.01	0.06	0.19	0.03	0.00	0.01
595534	4172923	0.15	0.46	0.06	0.01	0.01	0.13	0.40	0.05	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595534	4172943	0.14	0.41	0.06	0.01	0.01	0.12	0.36	0.05	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595534	4172983	0.11	0.34	0.05	0.01	0.01	0.10	0.29	0.04	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595534	4173003	0.10	0.32	0.04	0.01	0.01	0.09	0.27	0.04	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595534	4173023	0.10	0.29	0.04	0.01	0.01	0.08	0.25	0.03	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595534	4173043	0.09	0.27	0.04	0.01	0.01	0.08	0.23	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595534	4173063	0.08	0.25	0.03	0.01	0.01	0.07	0.21	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595534	4173083	0.08	0.23	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01	0.04	0.11	0.01	0.00	0.00
595554	4171763	0.11	0.35	0.05	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595554	4171783	0.13	0.39	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595554	4171803	0.15	0.44	0.06	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595554	4171823	0.17	0.51	0.07	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595554	4171843	0.20	0.59	0.08	0.01	0.02	0.04	0.11	0.02	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595554	4171863	0.23	0.69	0.09	0.01	0.02	0.04	0.13	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595554	4171883	0.28	0.83	0.11	0.02	0.02	0.05	0.14	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595554	4171903	0.34	1.02	0.14	0.02	0.03	0.05	0.16	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595554	4171923	0.42	1.27	0.17	0.03	0.04	0.06	0.18	0.02	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595554	4171943	0.55	1.65	0.22	0.03	0.05	0.07	0.21	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00
595554	4171963	0.74	2.24	0.30	0.05	0.06	0.08	0.25	0.03	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595554	4172643	0.53	1.61	0.22	0.03	0.05	0.48	1.46	0.19	0.03	0.04	0.11	0.33	0.04	0.01	0.01
595554	4172663	0.52	1.56	0.21	0.03	0.04	0.47	1.41	0.19	0.03	0.04	0.11	0.32	0.04	0.01	0.01
595554	4172683	0.49	1.49	0.20	0.03	0.04	0.45	1.36	0.18	0.03	0.04	0.10	0.31	0.04	0.01	0.01
595554	4172763	0.33	1.01	0.13	0.02	0.03	0.30	0.91	0.12	0.02	0.03	0.09	0.26	0.03	0.01	0.01
595554	4172783	0.30	0.90	0.12	0.02	0.03	0.27	0.81	0.11	0.02	0.02	0.08	0.25	0.03	0.01	0.01
595554	4172803	0.27	0.81	0.11	0.02	0.02	0.24	0.72	0.10	0.01	0.02	0.08	0.24	0.03	0.00	0.01
595554	4172843	0.22	0.67	0.09	0.01	0.02	0.20	0.59	0.08	0.01	0.02	0.07	0.21	0.03	0.00	0.01
595554	4172863	0.20	0.60	0.08	0.01	0.02	0.18	0.53	0.07	0.01	0.02	0.07	0.20	0.03	0.00	0.01
595554	4172883	0.18	0.54	0.07	0.01	0.02	0.16	0.48	0.06	0.01	0.01	0.06	0.19	0.03	0.00	0.01
595554	4172903	0.16	0.49	0.07	0.01	0.01	0.14	0.43	0.06	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595554	4172923	0.15	0.45	0.06	0.01	0.01	0.13	0.39	0.05	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595554	4172943	0.13	0.41	0.05	0.01	0.01	0.12	0.35	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595554	4172963	0.12	0.37	0.05	0.01	0.01	0.11	0.32	0.04	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595554	4172983	0.11	0.34	0.05	0.01	0.01	0.10	0.29	0.04	0.01	0.01	0.05	0.14	0.02	0.00	0.00

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595554	4173003	0.10	0.31	0.04	0.01	0.01	0.09	0.27	0.04	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595554	4173023	0.10	0.29	0.04	0.01	0.01	0.08	0.24	0.03	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595554	4173043	0.09	0.27	0.04	0.01	0.01	0.07	0.23	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595554	4173063	0.08	0.25	0.03	0.01	0.01	0.07	0.21	0.03	0.00	0.01	0.04	0.11	0.02	0.00	0.00
595554	4173083	0.08	0.23	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01	0.04	0.11	0.01	0.00	0.00
595568.33	4173021.18	0.10	0.29	0.04	0.01	0.01	0.08	0.24	0.03	0.01	0.01	0.04	0.12	0.02	0.00	0.00
595574	4171743	0.10	0.31	0.04	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595574	4171763	0.12	0.35	0.05	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595574	4171783	0.13	0.39	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595574	4171803	0.15	0.45	0.06	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595574	4171823	0.17	0.51	0.07	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595574	4171843	0.20	0.60	0.08	0.01	0.02	0.04	0.12	0.02	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595574	4171863	0.22	0.68	0.09	0.01	0.02	0.04	0.13	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595574	4171883	0.27	0.81	0.11	0.02	0.02	0.05	0.14	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595574	4171903	0.33	1.00	0.13	0.02	0.03	0.05	0.16	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595574	4171923	0.41	1.24	0.17	0.03	0.04	0.06	0.19	0.02	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595574	4171943	0.53	1.61	0.21	0.03	0.05	0.07	0.22	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01
595574	4171963	0.72	2.17	0.29	0.04	0.06	0.09	0.26	0.03	0.01	0.01	0.07	0.22	0.03	0.00	0.01
595574	4171983	1.02	3.09	0.41	0.06	0.09	0.10	0.31	0.04	0.01	0.01	0.10	0.30	0.04	0.01	0.01
595574	4172643	0.49	1.48	0.20	0.03	0.04	0.44	1.33	0.18	0.03	0.04	0.10	0.30	0.04	0.01	0.01
595574	4172663	0.47	1.41	0.19	0.03	0.04	0.42	1.27	0.17	0.03	0.04	0.10	0.30	0.04	0.01	0.01
595574	4172683	0.44	1.34	0.18	0.03	0.04	0.40	1.20	0.16	0.02	0.03	0.09	0.29	0.04	0.01	0.01
595574	4172763	0.30	0.92	0.12	0.02	0.03	0.27	0.82	0.11	0.02	0.02	0.08	0.24	0.03	0.00	0.01
595574	4172783	0.27	0.82	0.11	0.02	0.02	0.24	0.73	0.10	0.02	0.02	0.08	0.23	0.03	0.00	0.01
595574	4172803	0.25	0.74	0.10	0.02	0.02	0.22	0.66	0.09	0.01	0.02	0.07	0.22	0.03	0.00	0.01
595574	4172823	0.23	0.68	0.09	0.01	0.02	0.20	0.60	0.08	0.01	0.02	0.07	0.21	0.03	0.00	0.01
595574	4172843	0.21	0.63	0.08	0.01	0.02	0.18	0.55	0.07	0.01	0.02	0.07	0.20	0.03	0.00	0.01
595574	4172863	0.19	0.57	0.08	0.01	0.02	0.17	0.50	0.07	0.01	0.01	0.06	0.19	0.02	0.00	0.01
595574	4172883	0.17	0.52	0.07	0.01	0.01	0.15	0.46	0.06	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595574	4172903	0.16	0.48	0.06	0.01	0.01	0.14	0.41	0.05	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595574	4172923	0.14	0.44	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595574	4172943	0.13	0.40	0.05	0.01	0.01	0.11	0.34	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595574	4172963	0.12	0.37	0.05	0.01	0.01	0.10	0.31	0.04	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595574	4172983	0.11	0.34	0.04	0.01	0.01	0.09	0.28	0.04	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595574	4173003	0.10	0.31	0.04	0.01	0.01	0.09	0.26	0.03	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595574	4173023	0.10	0.29	0.04	0.01	0.01	0.08	0.24	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595574	4173043	0.09	0.27	0.04	0.01	0.01	0.07	0.22	0.03	0.00	0.01	0.04	0.11	0.02	0.00	0.00

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595574	4173063	0.08	0.25	0.03	0.01	0.01	0.07	0.21	0.03	0.00	0.01	0.04	0.11	0.01	0.00	0.00
595574	4173083	0.08	0.23	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01	0.03	0.10	0.01	0.00	0.00
595594	4171743	0.10	0.31	0.04	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595594	4171763	0.11	0.35	0.05	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595594	4171783	0.13	0.38	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595594	4171803	0.15	0.44	0.06	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595594	4171823	0.17	0.50	0.07	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595594	4171843	0.19	0.59	0.08	0.01	0.02	0.04	0.11	0.02	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595594	4171863	0.22	0.67	0.09	0.01	0.02	0.04	0.13	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595594	4171883	0.26	0.79	0.11	0.02	0.02	0.05	0.14	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595594	4171903	0.32	0.98	0.13	0.02	0.03	0.05	0.16	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595594	4171923	0.40	1.22	0.16	0.03	0.03	0.06	0.19	0.03	0.00	0.01	0.05	0.15	0.02	0.00	0.00
595594	4171943	0.52	1.58	0.21	0.03	0.04	0.07	0.22	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01
595594	4171963	0.71	2.14	0.29	0.04	0.06	0.09	0.27	0.04	0.01	0.01	0.08	0.24	0.03	0.00	0.01
595594	4172783	0.25	0.76	0.10	0.02	0.02	0.22	0.67	0.09	0.01	0.02	0.07	0.21	0.03	0.00	0.01
595594	4172803	0.23	0.69	0.09	0.01	0.02	0.20	0.61	0.08	0.01	0.02	0.07	0.20	0.03	0.00	0.01
595594	4172823	0.21	0.64	0.08	0.01	0.02	0.18	0.55	0.07	0.01	0.02	0.06	0.19	0.03	0.00	0.01
595594	4172863	0.18	0.55	0.07	0.01	0.02	0.16	0.47	0.06	0.01	0.01	0.06	0.18	0.02	0.00	0.00
595594	4172883	0.17	0.50	0.07	0.01	0.01	0.14	0.43	0.06	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595594	4172903	0.15	0.46	0.06	0.01	0.01	0.13	0.39	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595594	4172923	0.14	0.42	0.06	0.01	0.01	0.12	0.36	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595594	4172943	0.13	0.39	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595594	4172963	0.12	0.36	0.05	0.01	0.01	0.10	0.30	0.04	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595594	4172983	0.11	0.33	0.04	0.01	0.01	0.09	0.28	0.04	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595594	4173003	0.10	0.31	0.04	0.01	0.01	0.08	0.26	0.03	0.01	0.01	0.04	0.12	0.02	0.00	0.00
595594	4173023	0.09	0.29	0.04	0.01	0.01	0.08	0.24	0.03	0.00	0.01	0.04	0.12	0.02	0.00	0.00
595614	4171743	0.10	0.31	0.04	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595614	4171763	0.11	0.34	0.05	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595614	4171783	0.12	0.38	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595614	4171803	0.15	0.44	0.06	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595614	4171823	0.17	0.50	0.07	0.01	0.01	0.04	0.11	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595614	4171843	0.19	0.58	0.08	0.01	0.02	0.04	0.12	0.02	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595614	4171863	0.22	0.66	0.09	0.01	0.02	0.04	0.13	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595614	4171883	0.26	0.78	0.10	0.02	0.02	0.05	0.14	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595614	4171903	0.32	0.97	0.13	0.02	0.03	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
595614	4171923	0.40	1.22	0.16	0.03	0.03	0.06	0.19	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595614	4171943	0.52	1.58	0.21	0.03	0.05	0.07	0.23	0.03	0.00	0.01	0.07	0.20	0.03	0.00	0.01

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595614	4171963	0.72	2.18	0.29	0.04	0.06	0.09	0.27	0.04	0.01	0.01	0.09	0.26	0.04	0.01	0.01
595614	4172783	0.24	0.72	0.10	0.01	0.02	0.21	0.62	0.08	0.01	0.02	0.07	0.20	0.03	0.00	0.01
595614	4172803	0.22	0.65	0.09	0.01	0.02	0.19	0.56	0.07	0.01	0.02	0.06	0.19	0.03	0.00	0.01
595614	4172823	0.20	0.60	0.08	0.01	0.02	0.17	0.51	0.07	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595614	4172863	0.17	0.52	0.07	0.01	0.01	0.15	0.44	0.06	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595614	4172883	0.16	0.48	0.06	0.01	0.01	0.14	0.41	0.05	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595614	4172903	0.15	0.45	0.06	0.01	0.01	0.12	0.38	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595614	4172923	0.14	0.41	0.05	0.01	0.01	0.11	0.35	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595614	4172943	0.13	0.38	0.05	0.01	0.01	0.11	0.32	0.04	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595614	4172963	0.12	0.35	0.05	0.01	0.01	0.10	0.29	0.04	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595614	4172983	0.11	0.33	0.04	0.01	0.01	0.09	0.27	0.04	0.01	0.01	0.04	0.12	0.02	0.00	0.00
595616.96	4172890.78	0.15	0.46	0.06	0.01	0.01	0.13	0.39	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595634	4171743	0.10	0.30	0.04	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595634	4171763	0.11	0.34	0.05	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595634	4171783	0.13	0.39	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595634	4171803	0.15	0.44	0.06	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595634	4171823	0.17	0.50	0.07	0.01	0.01	0.04	0.11	0.01	0.00	0.00	0.02	0.08	0.01	0.00	0.00
595634	4171843	0.19	0.58	0.08	0.01	0.02	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595634	4171863	0.22	0.67	0.09	0.01	0.02	0.04	0.13	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595634	4171883	0.26	0.78	0.10	0.02	0.02	0.05	0.15	0.02	0.00	0.00	0.04	0.11	0.02	0.00	0.00
595634	4171903	0.32	0.96	0.13	0.02	0.03	0.06	0.17	0.02	0.00	0.00	0.05	0.14	0.02	0.00	0.00
595634	4171923	0.41	1.24	0.16	0.03	0.04	0.06	0.19	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00
595634	4171943	0.54	1.64	0.22	0.03	0.05	0.08	0.23	0.03	0.00	0.01	0.07	0.21	0.03	0.00	0.01
595634	4171963	0.77	2.31	0.31	0.05	0.07	0.09	0.28	0.04	0.01	0.01	0.10	0.29	0.04	0.01	0.01
595634	4172783	0.22	0.68	0.09	0.01	0.02	0.19	0.58	0.08	0.01	0.02	0.06	0.19	0.03	0.00	0.01
595634	4172803	0.20	0.62	0.08	0.01	0.02	0.17	0.53	0.07	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595634	4172823	0.19	0.57	0.08	0.01	0.02	0.16	0.48	0.06	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595634	4172843	0.17	0.53	0.07	0.01	0.02	0.15	0.44	0.06	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595634	4172883	0.15	0.46	0.06	0.01	0.01	0.13	0.39	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595634	4172903	0.14	0.43	0.06	0.01	0.01	0.12	0.36	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595634	4172923	0.13	0.40	0.05	0.01	0.01	0.11	0.33	0.04	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595634	4172943	0.12	0.37	0.05	0.01	0.01	0.10	0.31	0.04	0.01	0.01	0.04	0.13	0.02	0.00	0.00
595637.78	4172033.56	4.31	13.03	1.74	0.27	0.37	0.24	0.72	0.10	0.01	0.02	0.35	1.06	0.14	0.02	0.03
595654	4171743	0.10	0.30	0.04	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595654	4171763	0.11	0.34	0.05	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595654	4171783	0.13	0.38	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595654	4171803	0.14	0.43	0.06	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595654	4171823	0.17	0.50	0.07	0.01	0.01	0.04	0.11	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595654	4171843	0.19	0.59	0.08	0.01	0.02	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595654	4171863	0.23	0.70	0.09	0.01	0.02	0.04	0.14	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595654	4171883	0.27	0.82	0.11	0.02	0.02	0.05	0.15	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595654	4171903	0.33	1.00	0.13	0.02	0.03	0.06	0.17	0.02	0.00	0.00	0.05	0.15	0.02	0.00	0.00
595654	4171923	0.43	1.29	0.17	0.03	0.04	0.07	0.20	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01
595654	4171943	0.57	1.73	0.23	0.04	0.05	0.08	0.24	0.03	0.00	0.01	0.08	0.23	0.03	0.00	0.01
595654	4171963	0.82	2.46	0.33	0.05	0.07	0.10	0.29	0.04	0.01	0.01	0.10	0.31	0.04	0.01	0.01
595654	4172803	0.20	0.59	0.08	0.01	0.02	0.16	0.49	0.07	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595654	4172823	0.18	0.54	0.07	0.01	0.02	0.15	0.45	0.06	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595654	4172843	0.17	0.50	0.07	0.01	0.01	0.14	0.42	0.06	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595654	4172883	0.15	0.44	0.06	0.01	0.01	0.12	0.37	0.05	0.01	0.01	0.05	0.14	0.02	0.00	0.00
595674	4171743	0.10	0.30	0.04	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595674	4171763	0.11	0.34	0.05	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595674	4171783	0.13	0.39	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595674	4171803	0.14	0.43	0.06	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595674	4171823	0.17	0.51	0.07	0.01	0.01	0.04	0.11	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595674	4171843	0.19	0.58	0.08	0.01	0.02	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595674	4171863	0.23	0.68	0.09	0.01	0.02	0.05	0.14	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595674	4171883	0.28	0.83	0.11	0.02	0.02	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
595674	4171903	0.35	1.05	0.14	0.02	0.03	0.06	0.18	0.02	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595674	4171923	0.45	1.37	0.18	0.03	0.04	0.07	0.21	0.03	0.00	0.01	0.06	0.19	0.03	0.00	0.01
595674	4171943	0.61	1.85	0.25	0.04	0.05	0.08	0.24	0.03	0.01	0.01	0.08	0.24	0.03	0.01	0.01
595674	4171963	0.86	2.59	0.35	0.05	0.07	0.10	0.29	0.04	0.01	0.01	0.10	0.31	0.04	0.01	0.01
595674	4172803	0.19	0.56	0.08	0.01	0.02	0.15	0.46	0.06	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595674	4172823	0.17	0.52	0.07	0.01	0.01	0.14	0.43	0.06	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595674	4172843	0.16	0.48	0.06	0.01	0.01	0.13	0.40	0.05	0.01	0.01	0.05	0.15	0.02	0.00	0.00
595694	4171743	0.10	0.31	0.04	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.05	0.01	0.00	0.00
595694	4171763	0.11	0.34	0.04	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595694	4171783	0.13	0.38	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595694	4171803	0.14	0.43	0.06	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595694	4171823	0.17	0.50	0.07	0.01	0.01	0.04	0.11	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595694	4171843	0.20	0.60	0.08	0.01	0.02	0.04	0.13	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595694	4171863	0.25	0.74	0.10	0.02	0.02	0.05	0.14	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595694	4171883	0.30	0.91	0.12	0.02	0.03	0.05	0.16	0.02	0.00	0.00	0.05	0.14	0.02	0.00	0.00
595694	4171903	0.37	1.12	0.15	0.02	0.03	0.06	0.19	0.02	0.00	0.01	0.05	0.17	0.02	0.00	0.00
595694	4171923	0.48	1.45	0.19	0.03	0.04	0.07	0.21	0.03	0.00	0.01	0.07	0.20	0.03	0.00	0.01

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595694	4171943	0.64	1.94	0.26	0.04	0.06	0.08	0.25	0.03	0.01	0.01	0.08	0.25	0.03	0.01	0.01
595714	4171763	0.11	0.34	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595714	4171783	0.13	0.40	0.05	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595714	4171803	0.15	0.46	0.06	0.01	0.01	0.04	0.11	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595714	4171823	0.18	0.54	0.07	0.01	0.02	0.04	0.12	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595714	4171843	0.21	0.64	0.09	0.01	0.02	0.04	0.13	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595714	4171863	0.26	0.77	0.10	0.02	0.02	0.05	0.15	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595714	4171883	0.32	0.96	0.13	0.02	0.03	0.06	0.17	0.02	0.00	0.00	0.05	0.15	0.02	0.00	0.00
595714	4171903	0.40	1.21	0.16	0.02	0.03	0.06	0.19	0.03	0.00	0.01	0.06	0.17	0.02	0.00	0.00
595734	4171763	0.12	0.36	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595734	4171783	0.14	0.41	0.05	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595734	4171803	0.16	0.47	0.06	0.01	0.01	0.04	0.11	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595734	4171823	0.18	0.56	0.07	0.01	0.02	0.04	0.12	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595734	4171843	0.22	0.66	0.09	0.01	0.02	0.05	0.14	0.02	0.00	0.00	0.04	0.11	0.01	0.00	0.00
595734	4171863	0.27	0.80	0.11	0.02	0.02	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
595734	4171883	0.33	0.99	0.13	0.02	0.03	0.06	0.18	0.02	0.00	0.01	0.05	0.15	0.02	0.00	0.00
595734	4171903	0.41	1.25	0.17	0.03	0.04	0.07	0.20	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01
595754	4171763	0.12	0.37	0.05	0.01	0.01	0.03	0.09	0.01	0.00	0.00	0.02	0.07	0.01	0.00	0.00
595754	4171783	0.14	0.42	0.06	0.01	0.01	0.03	0.10	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595754	4171803	0.16	0.48	0.06	0.01	0.01	0.04	0.11	0.02	0.00	0.00	0.03	0.09	0.01	0.00	0.00
595754	4171823	0.19	0.57	0.08	0.01	0.02	0.04	0.13	0.02	0.00	0.00	0.03	0.10	0.01	0.00	0.00
595754	4171843	0.23	0.69	0.09	0.01	0.02	0.05	0.14	0.02	0.00	0.00	0.04	0.12	0.02	0.00	0.00
595754	4171863	0.28	0.84	0.11	0.02	0.02	0.05	0.16	0.02	0.00	0.00	0.04	0.13	0.02	0.00	0.00
595754	4171883	0.34	1.02	0.14	0.02	0.03	0.06	0.19	0.02	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595754	4171903	0.42	1.28	0.17	0.03	0.04	0.07	0.22	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01
595754	4171923	0.53	1.59	0.21	0.03	0.05	0.08	0.25	0.03	0.01	0.01	0.07	0.21	0.03	0.00	0.01
595774	4171783	0.14	0.43	0.06	0.01	0.01	0.04	0.11	0.01	0.00	0.00	0.03	0.08	0.01	0.00	0.00
595774	4171863	0.29	0.86	0.12	0.02	0.02	0.06	0.17	0.02	0.00	0.00	0.05	0.14	0.02	0.00	0.00
595774	4171883	0.35	1.05	0.14	0.02	0.03	0.06	0.20	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595774	4171903	0.43	1.29	0.17	0.03	0.04	0.08	0.23	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01
595774	4171923	0.52	1.58	0.21	0.03	0.05	0.09	0.27	0.04	0.01	0.01	0.07	0.21	0.03	0.00	0.01
595782.4	4171913.24	0.47	1.43	0.19	0.03	0.04	0.08	0.25	0.03	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595790.49	4171877.76	0.33	1.01	0.13	0.02	0.03	0.06	0.20	0.03	0.00	0.01	0.05	0.15	0.02	0.00	0.00
595794	4171863	0.29	0.89	0.12	0.02	0.03	0.06	0.18	0.02	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595794	4171883	0.35	1.06	0.14	0.02	0.03	0.07	0.20	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595794	4171903	0.43	1.29	0.17	0.03	0.04	0.08	0.24	0.03	0.00	0.01	0.06	0.18	0.02	0.00	0.01
595794	4171923	0.51	1.55	0.21	0.03	0.04	0.09	0.28	0.04	0.01	0.01	0.07	0.21	0.03	0.00	0.01

Residential and Worker Cancer Risk Per Phase Per Year

		Phase 1 Sources' Cancer Risk Per Year from 2021 to buildout (Per Year Per Million)					Phase 1 Sources' Cancer Risk from buildout and Onward (Per Year Per Million)					Phase 2 Sources' Cancer Risk Per Year from buildout and Onward (Per Year Per Million)				
		Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker	Resident	Resident	Resident	Resident	Worker
X	Y	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70	3rd Tri	0<2	2<16	16<30	16<70
595814	4171863	0.30	0.90	0.12	0.02	0.03	0.06	0.19	0.02	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595814	4171883	0.35	1.07	0.14	0.02	0.03	0.07	0.21	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595814	4171903	0.42	1.27	0.17	0.03	0.04	0.08	0.24	0.03	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595814	4171923	0.50	1.51	0.20	0.03	0.04	0.09	0.28	0.04	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595826.59	4171700.37	0.09	0.28	0.04	0.01	0.01	0.03	0.08	0.01	0.00	0.00	0.02	0.06	0.01	0.00	0.00
595832.66	4171885.33	0.36	1.08	0.14	0.02	0.03	0.07	0.22	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595832.66	4171905.33	0.42	1.27	0.17	0.03	0.04	0.08	0.25	0.03	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595832.66	4171925.33	0.49	1.49	0.20	0.03	0.04	0.10	0.29	0.04	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595852.66	4171825.33	0.22	0.68	0.09	0.01	0.02	0.05	0.16	0.02	0.00	0.00	0.04	0.11	0.02	0.00	0.00
595852.66	4171845.33	0.26	0.79	0.10	0.02	0.02	0.06	0.18	0.02	0.00	0.01	0.04	0.13	0.02	0.00	0.00
595852.66	4171865.33	0.30	0.92	0.12	0.02	0.03	0.07	0.20	0.03	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595852.66	4171885.33	0.35	1.07	0.14	0.02	0.03	0.07	0.23	0.03	0.00	0.01	0.05	0.16	0.02	0.00	0.00
595852.66	4171905.33	0.41	1.24	0.17	0.03	0.04	0.08	0.26	0.03	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595852.66	4171925.33	0.47	1.42	0.19	0.03	0.04	0.10	0.29	0.04	0.01	0.01	0.06	0.19	0.03	0.00	0.01
595852.66	4171945.33	0.54	1.62	0.22	0.03	0.05	0.11	0.33	0.04	0.01	0.01	0.07	0.21	0.03	0.00	0.01
595857.85	4171568.4	0.05	0.15	0.02	0.00	0.00	0.02	0.05	0.01	0.00	0.00	0.01	0.04	0.00	0.00	0.00
595872.66	4171865.33	0.30	0.91	0.12	0.02	0.03	0.07	0.20	0.03	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595872.66	4171885.33	0.35	1.05	0.14	0.02	0.03	0.08	0.23	0.03	0.00	0.01	0.05	0.15	0.02	0.00	0.00
595872.66	4171905.33	0.40	1.20	0.16	0.02	0.03	0.09	0.26	0.03	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595872.66	4171925.33	0.45	1.36	0.18	0.03	0.04	0.10	0.29	0.04	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595872.66	4171945.33	0.51	1.53	0.20	0.03	0.04	0.11	0.32	0.04	0.01	0.01	0.07	0.20	0.03	0.00	0.01
595892.66	4171865.33	0.30	0.90	0.12	0.02	0.03	0.07	0.21	0.03	0.00	0.01	0.05	0.14	0.02	0.00	0.00
595892.66	4171885.33	0.34	1.02	0.14	0.02	0.03	0.08	0.23	0.03	0.00	0.01	0.05	0.15	0.02	0.00	0.00
595892.66	4171905.33	0.38	1.15	0.15	0.02	0.03	0.09	0.26	0.03	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595892.66	4171925.33	0.43	1.29	0.17	0.03	0.04	0.09	0.29	0.04	0.01	0.01	0.06	0.17	0.02	0.00	0.00
595892.66	4171945.33	0.48	1.44	0.19	0.03	0.04	0.11	0.32	0.04	0.01	0.01	0.06	0.19	0.02	0.00	0.01
595912.66	4171905.33	0.37	1.11	0.15	0.02	0.03	0.08	0.26	0.03	0.01	0.01	0.05	0.16	0.02	0.00	0.00
595912.66	4171925.33	0.41	1.23	0.16	0.03	0.03	0.09	0.28	0.04	0.01	0.01	0.05	0.17	0.02	0.00	0.00
595912.66	4171945.33	0.45	1.35	0.18	0.03	0.04	0.10	0.31	0.04	0.01	0.01	0.06	0.18	0.02	0.00	0.01
595932.66	4171945.33	0.42	1.27	0.17	0.03	0.04	0.10	0.30	0.04	0.01	0.01	0.05	0.17	0.02	0.00	0.00
596059.85	4172738.92	0.11	0.33	0.04	0.01	0.01	0.07	0.22	0.03	0.00	0.01	0.03	0.08	0.01	0.00	0.00

Residential and Worker Total Cancer Risk Summary

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential: 1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years

OffsiteWorke: 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years

OnsiteWorke: 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			**Cancer Risks Scenario 2: Full Operation Scenario**	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	594854	4172863	0.39	0.08	0.47	0.09	0.01	0.10	0.03	0.01	0.04	0.61	0.10
Offsite Worker	594854	4172883	0.36	0.08	0.44	0.08	0.01	0.09	0.03	0.01	0.04	0.56	0.09
Offsite Worker	594854	4172903	0.34	0.07	0.41	0.07	0.01	0.09	0.02	0.01	0.03	0.52	0.09
Offsite Worker	594854	4172923	0.31	0.07	0.39	0.07	0.01	0.08	0.02	0.01	0.03	0.48	0.08
Offsite Worker	594874	4172823	0.47	0.10	0.57	0.11	0.02	0.13	0.03	0.01	0.04	0.78	0.13
Offsite Worker	594874	4172843	0.44	0.09	0.53	0.10	0.02	0.12	0.03	0.01	0.04	0.72	0.12
Offsite Worker	594874	4172863	0.41	0.09	0.49	0.09	0.02	0.11	0.03	0.01	0.04	0.65	0.11
Offsite Worker	594874	4172883	0.38	0.08	0.46	0.08	0.01	0.10	0.03	0.01	0.04	0.59	0.10
Offsite Worker	594874	4172903	0.35	0.08	0.43	0.08	0.01	0.09	0.03	0.01	0.04	0.55	0.09
Offsite Worker	594874	4172923	0.33	0.07	0.41	0.07	0.01	0.09	0.02	0.01	0.03	0.51	0.09
Offsite Worker	594894	4172803	0.55	0.11	0.66	0.13	0.02	0.15	0.04	0.01	0.05	0.93	0.16
Offsite Worker	594894	4172823	0.51	0.10	0.61	0.12	0.02	0.14	0.04	0.01	0.05	0.85	0.14
Offsite Worker	594894	4172843	0.46	0.10	0.56	0.11	0.02	0.12	0.03	0.01	0.04	0.77	0.13
Offsite Worker	594894	4172863	0.43	0.09	0.52	0.10	0.02	0.11	0.03	0.01	0.04	0.69	0.12
Offsite Worker	594894	4172883	0.39	0.09	0.48	0.09	0.01	0.10	0.03	0.01	0.04	0.63	0.11
Offsite Worker	594894	4172903	0.37	0.08	0.45	0.08	0.01	0.10	0.03	0.01	0.04	0.58	0.10
Offsite Worker	594894	4172923	0.35	0.08	0.43	0.08	0.01	0.09	0.03	0.01	0.03	0.54	0.09
Offsite Worker	594914	4172803	0.59	0.11	0.70	0.14	0.02	0.16	0.04	0.01	0.05	1.01	0.17
Offsite Worker	594914	4172823	0.54	0.11	0.65	0.13	0.02	0.15	0.04	0.01	0.05	0.92	0.16
Offsite Worker	594914	4172843	0.50	0.10	0.60	0.11	0.02	0.13	0.03	0.01	0.05	0.83	0.14
Offsite Worker	594914	4172863	0.45	0.09	0.55	0.10	0.02	0.12	0.03	0.01	0.04	0.74	0.13
Offsite Worker	594914	4172883	0.42	0.09	0.51	0.09	0.02	0.11	0.03	0.01	0.04	0.67	0.11
Offsite Worker	594914	4172903	0.39	0.08	0.47	0.09	0.01	0.10	0.03	0.01	0.04	0.62	0.10
Offsite Worker	594914	4172923	0.37	0.08	0.45	0.08	0.01	0.10	0.03	0.01	0.04	0.58	0.10
Offsite Worker	594934	4172783	0.69	0.13	0.82	0.16	0.02	0.19	0.05	0.02	0.06	1.20	0.20
Offsite Worker	594934	4172803	0.64	0.12	0.76	0.15	0.02	0.17	0.04	0.01	0.06	1.11	0.19
Offsite Worker	594934	4172823	0.59	0.11	0.70	0.14	0.02	0.16	0.04	0.01	0.05	1.01	0.17
Offsite Worker	594934	4172843	0.53	0.11	0.64	0.12	0.02	0.14	0.04	0.01	0.05	0.90	0.15
Offsite Worker	594934	4172863	0.49	0.10	0.59	0.11	0.02	0.13	0.03	0.01	0.05	0.81	0.14
Offsite Worker	594954	4172783	0.75	0.14	0.88	0.18	0.03	0.20	0.05	0.02	0.07	1.32	0.22
Offsite Worker	594954	4172803	0.69	0.13	0.82	0.16	0.02	0.19	0.05	0.02	0.06	1.22	0.20
Offsite Worker	594954	4172823	0.63	0.12	0.75	0.15	0.02	0.17	0.04	0.01	0.06	1.10	0.19
Offsite Worker	594954	4172843	0.58	0.11	0.69	0.13	0.02	0.16	0.04	0.01	0.05	0.99	0.17
Offsite Worker	594974	4172783	0.81	0.14	0.96	0.19	0.03	0.22	0.05	0.02	0.07	1.46	0.25

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			Cancer Risks Scenario 2: Full Operation Scenario	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	594974	4172803	0.75	0.13	0.89	0.18	0.03	0.21	0.05	0.02	0.07	1.35	0.23
Offsite Worker	595014	4172563	1.51	0.53	2.04	0.33	0.09	0.43	0.11	0.08	0.19	2.32	0.39
Offsite Worker	595014	4172583	1.50	0.48	1.98	0.33	0.08	0.42	0.11	0.07	0.18	2.34	0.39
Offsite Residential	595022.43	4172341.4	1.50	0.83	2.33	0.31	0.13	0.44	0.12	0.13	0.24	2.03	0.34
Offsite Worker	595034	4172503	1.64	0.73	2.37	0.35	0.12	0.48	0.12	0.12	0.24	2.37	0.40
Offsite Worker	595034	4172523	1.64	0.69	2.33	0.36	0.12	0.47	0.12	0.11	0.23	2.41	0.41
Offsite Worker	595034	4172543	1.64	0.64	2.28	0.36	0.11	0.47	0.12	0.10	0.22	2.45	0.41
Offsite Worker	595034	4172563	1.63	0.59	2.22	0.36	0.10	0.46	0.12	0.09	0.21	2.49	0.42
Offsite Worker	595034	4172583	1.62	0.53	2.15	0.36	0.09	0.45	0.12	0.08	0.20	2.52	0.43
Offsite Worker	595034	4172603	1.61	0.48	2.09	0.36	0.08	0.45	0.12	0.07	0.19	2.56	0.43
Offsite Residential	595042.43	4172281.4	1.51	0.92	2.43	0.31	0.14	0.45	0.12	0.13	0.25	2.02	0.34
Offsite Residential	595042.43	4172301.4	1.53	0.90	2.43	0.32	0.14	0.46	0.12	0.13	0.25	2.06	0.35
Offsite Residential	595042.43	4172321.4	1.55	0.89	2.44	0.32	0.14	0.46	0.12	0.13	0.25	2.10	0.35
Offsite Residential	595042.43	4172341.4	1.57	0.89	2.46	0.33	0.14	0.47	0.12	0.13	0.26	2.14	0.36
Offsite Worker	595054	4172463	1.71	0.87	2.59	0.36	0.15	0.51	0.13	0.14	0.27	2.40	0.40
Offsite Worker	595054	4172483	1.69	0.83	2.52	0.36	0.14	0.50	0.13	0.13	0.26	2.39	0.40
Offsite Worker	595054	4172503	1.74	0.81	2.54	0.37	0.14	0.51	0.13	0.13	0.26	2.50	0.42
Offsite Worker	595054	4172523	1.76	0.76	2.52	0.38	0.13	0.51	0.13	0.12	0.25	2.57	0.43
Offsite Worker	595054	4172543	1.76	0.71	2.48	0.38	0.12	0.51	0.13	0.11	0.24	2.63	0.44
Offsite Worker	595054	4172563	1.77	0.65	2.42	0.39	0.11	0.50	0.13	0.10	0.23	2.69	0.45
Offsite Worker	595054	4172583	1.76	0.59	2.35	0.39	0.10	0.50	0.13	0.09	0.22	2.74	0.46
Offsite Worker	595054	4172603	1.76	0.53	2.29	0.39	0.09	0.49	0.13	0.08	0.21	2.79	0.47
Offsite Residential	595062.43	4172201.4	1.58	1.15	2.73	0.32	0.15	0.47	0.13	0.14	0.26	1.98	0.33
Offsite Residential	595062.43	4172221.4	1.56	1.09	2.65	0.32	0.14	0.46	0.13	0.13	0.26	2.00	0.34
Offsite Residential	595062.43	4172241.4	1.56	1.04	2.59	0.32	0.14	0.46	0.12	0.13	0.26	2.03	0.34
Offsite Residential	595062.43	4172261.4	1.56	1.00	2.56	0.32	0.14	0.47	0.12	0.13	0.26	2.07	0.35
Offsite Residential	595062.43	4172281.4	1.58	0.97	2.55	0.33	0.14	0.47	0.12	0.13	0.26	2.11	0.36
Offsite Residential	595062.43	4172301.4	1.60	0.95	2.55	0.33	0.14	0.48	0.13	0.14	0.26	2.16	0.36
Offsite Residential	595062.43	4172321.4	1.63	0.94	2.57	0.34	0.15	0.49	0.13	0.14	0.27	2.21	0.37
Offsite Residential	595062.43	4172341.4	1.65	0.94	2.60	0.35	0.15	0.49	0.13	0.14	0.27	2.25	0.38
Offsite Worker	595074	4172423	1.79	0.98	2.78	0.38	0.16	0.54	0.14	0.16	0.30	2.47	0.42
Offsite Worker	595074	4172443	1.81	0.97	2.78	0.38	0.16	0.54	0.14	0.15	0.29	2.51	0.42
Offsite Worker	595074	4172463	1.82	0.96	2.78	0.39	0.16	0.54	0.14	0.15	0.29	2.55	0.43
Offsite Worker	595074	4172483	1.84	0.93	2.77	0.39	0.16	0.55	0.14	0.15	0.29	2.60	0.44
Offsite Worker	595074	4172503	1.85	0.89	2.75	0.40	0.15	0.55	0.14	0.14	0.28	2.66	0.45
Offsite Worker	595074	4172523	1.88	0.85	2.73	0.41	0.14	0.55	0.14	0.13	0.28	2.74	0.46

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			Cancer Risks Scenario 2: Full Operation Scenario	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595074	4172543	1.90	0.79	2.69	0.41	0.14	0.55	0.14	0.12	0.27	2.82	0.47
Offsite Worker	595074	4172563	1.91	0.73	2.64	0.42	0.13	0.55	0.14	0.11	0.25	2.90	0.49
Offsite Worker	595074	4172583	1.92	0.66	2.58	0.43	0.12	0.54	0.14	0.10	0.24	2.98	0.50
Offsite Worker	595074	4172603	1.93	0.59	2.52	0.43	0.11	0.54	0.14	0.09	0.23	3.06	0.52
Offsite Residential	595082.43	4172141.4	1.73	1.44	3.17	0.34	0.17	0.50	0.15	0.15	0.30	1.98	0.33
Offsite Residential	595082.43	4172161.4	1.71	1.38	3.09	0.34	0.16	0.50	0.14	0.15	0.29	2.02	0.34
Offsite Residential	595082.43	4172181.4	1.68	1.31	2.99	0.34	0.16	0.49	0.14	0.15	0.28	2.05	0.34
Offsite Residential	595082.43	4172201.4	1.65	1.23	2.89	0.33	0.16	0.49	0.13	0.14	0.28	2.07	0.35
Offsite Residential	595082.43	4172221.4	1.64	1.16	2.80	0.33	0.15	0.49	0.13	0.14	0.27	2.09	0.35
Offsite Residential	595082.43	4172241.4	1.63	1.10	2.73	0.33	0.15	0.48	0.13	0.14	0.27	2.12	0.36
Offsite Residential	595082.43	4172261.4	1.63	1.06	2.69	0.34	0.15	0.49	0.13	0.14	0.27	2.16	0.36
Offsite Residential	595082.43	4172281.4	1.65	1.02	2.67	0.34	0.15	0.49	0.13	0.14	0.27	2.21	0.37
Offsite Residential	595082.43	4172301.4	1.67	1.00	2.67	0.35	0.15	0.50	0.13	0.14	0.27	2.26	0.38
Offsite Residential	595082.43	4172321.4	1.69	0.97	2.66	0.35	0.15	0.50	0.13	0.14	0.28	2.30	0.39
Offsite Residential	595082.43	4172341.4	1.74	1.00	2.74	0.36	0.16	0.52	0.14	0.15	0.29	2.37	0.40
Offsite Worker	595094	4172423	1.91	1.07	2.98	0.40	0.18	0.58	0.15	0.17	0.32	2.63	0.44
Offsite Worker	595094	4172443	1.93	1.06	2.99	0.41	0.18	0.58	0.15	0.17	0.32	2.66	0.45
Offsite Worker	595094	4172463	1.94	1.05	2.99	0.41	0.17	0.59	0.15	0.17	0.32	2.71	0.46
Offsite Worker	595094	4172483	1.96	1.03	2.99	0.42	0.17	0.59	0.15	0.16	0.32	2.76	0.47
Offsite Worker	595094	4172503	1.98	1.00	2.97	0.42	0.17	0.59	0.15	0.16	0.31	2.83	0.48
Offsite Worker	595094	4172523	2.00	0.95	2.95	0.43	0.16	0.59	0.15	0.15	0.30	2.91	0.49
Offsite Worker	595094	4172543	2.04	0.90	2.94	0.44	0.15	0.60	0.15	0.14	0.29	3.02	0.51
Offsite Worker	595094	4172563	2.07	0.82	2.90	0.46	0.14	0.60	0.15	0.13	0.28	3.14	0.53
Offsite Residential	595102.43	4172101.4	1.92	1.63	3.54	0.36	0.18	0.54	0.17	0.16	0.33	1.99	0.33
Offsite Residential	595102.43	4172121.4	1.88	1.61	3.49	0.36	0.18	0.54	0.16	0.16	0.33	2.04	0.34
Offsite Residential	595102.43	4172141.4	1.84	1.56	3.40	0.36	0.18	0.53	0.16	0.16	0.32	2.09	0.35
Offsite Residential	595102.43	4172161.4	1.81	1.50	3.31	0.36	0.17	0.53	0.15	0.16	0.31	2.13	0.36
Offsite Residential	595102.43	4172181.4	1.77	1.42	3.19	0.35	0.17	0.52	0.15	0.16	0.30	2.15	0.36
Offsite Residential	595102.43	4172201.4	1.74	1.33	3.07	0.35	0.17	0.52	0.14	0.15	0.29	2.17	0.37
Offsite Residential	595102.43	4172221.4	1.71	1.24	2.96	0.35	0.16	0.51	0.14	0.15	0.29	2.19	0.37
Offsite Residential	595102.43	4172241.4	1.70	1.17	2.87	0.35	0.16	0.51	0.14	0.15	0.28	2.22	0.37
Offsite Residential	595102.43	4172261.4	1.70	1.11	2.81	0.35	0.16	0.51	0.13	0.15	0.28	2.25	0.38
Offsite Residential	595102.43	4172281.4	1.71	1.08	2.78	0.36	0.16	0.51	0.14	0.15	0.28	2.30	0.39
Offsite Residential	595102.43	4172301.4	1.74	1.06	2.80	0.36	0.16	0.52	0.14	0.15	0.29	2.36	0.40
Offsite Residential	595102.43	4172321.4	1.78	1.06	2.83	0.37	0.16	0.54	0.14	0.16	0.29	2.43	0.41
Offsite Residential	595102.43	4172341.4	1.82	1.06	2.89	0.38	0.17	0.55	0.14	0.16	0.30	2.50	0.42

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential: 1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years

OffsiteWorke: 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years

OnsiteWorke: 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			Cancer Risks Scenario 2: Full Operation Scenario	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595114	4172443	2.06	1.17	3.22	0.43	0.19	0.63	0.16	0.19	0.35	2.84	0.48
Offsite Worker	595114	4172463	2.08	1.16	3.24	0.44	0.19	0.63	0.16	0.19	0.35	2.89	0.49
Offsite Worker	595114	4172483	2.09	1.14	3.24	0.44	0.19	0.64	0.16	0.18	0.34	2.95	0.50
Offsite Worker	595114	4172503	2.12	1.12	3.24	0.45	0.19	0.64	0.16	0.18	0.34	3.02	0.51
Offsite Residential	595122.43	4172101.4	2.04	1.77	3.80	0.38	0.19	0.57	0.18	0.18	0.36	2.09	0.35
Offsite Residential	595122.43	4172121.4	2.00	1.75	3.75	0.38	0.19	0.57	0.17	0.18	0.35	2.16	0.36
Offsite Residential	595122.43	4172141.4	1.96	1.71	3.67	0.38	0.19	0.57	0.17	0.18	0.34	2.21	0.37
Offsite Residential	595122.43	4172161.4	1.91	1.64	3.55	0.38	0.19	0.56	0.16	0.17	0.33	2.24	0.38
Offsite Residential	595122.43	4172181.4	1.88	1.54	3.42	0.37	0.18	0.56	0.16	0.17	0.32	2.27	0.38
Offsite Residential	595122.43	4172201.4	1.84	1.44	3.28	0.37	0.18	0.55	0.15	0.16	0.31	2.29	0.39
Offsite Residential	595122.43	4172221.4	1.80	1.34	3.14	0.37	0.17	0.54	0.15	0.16	0.30	2.30	0.39
Offsite Residential	595122.43	4172241.4	1.78	1.25	3.03	0.37	0.17	0.53	0.14	0.15	0.30	2.32	0.39
Offsite Residential	595122.43	4172261.4	1.77	1.18	2.95	0.37	0.17	0.53	0.14	0.15	0.29	2.35	0.40
Offsite Residential	595122.43	4172281.4	1.79	1.14	2.93	0.37	0.17	0.54	0.14	0.15	0.30	2.41	0.41
Offsite Residential	595122.43	4172301.4	1.82	1.12	2.94	0.38	0.17	0.55	0.14	0.16	0.30	2.48	0.42
Offsite Residential	595122.43	4172321.4	1.86	1.12	2.98	0.39	0.17	0.56	0.15	0.16	0.31	2.55	0.43
Offsite Residential	595122.43	4172341.4	1.91	1.13	3.04	0.40	0.18	0.58	0.15	0.17	0.32	2.63	0.44
Offsite Worker	595134	4172443	2.21	1.28	3.49	0.46	0.21	0.68	0.17	0.20	0.38	3.04	0.51
Offsite Residential	595142.43	4172101.4	2.18	1.92	4.10	0.40	0.21	0.61	0.19	0.19	0.38	2.21	0.37
Offsite Residential	595142.43	4172121.4	2.13	1.92	4.05	0.40	0.21	0.61	0.18	0.19	0.38	2.28	0.38
Offsite Residential	595142.43	4172141.4	2.09	1.88	3.97	0.40	0.21	0.61	0.18	0.19	0.37	2.34	0.39
Offsite Residential	595142.43	4172161.4	2.04	1.80	3.84	0.40	0.20	0.60	0.17	0.19	0.36	2.38	0.40
Offsite Residential	595142.43	4172181.4	1.99	1.69	3.69	0.40	0.20	0.59	0.17	0.18	0.35	2.41	0.41
Offsite Residential	595142.43	4172201.4	1.94	1.57	3.51	0.39	0.19	0.58	0.16	0.17	0.33	2.42	0.41
Offsite Residential	595142.43	4172221.4	1.90	1.44	3.34	0.39	0.18	0.57	0.15	0.17	0.32	2.42	0.41
Offsite Residential	595142.43	4172241.4	1.87	1.34	3.21	0.38	0.18	0.56	0.15	0.16	0.31	2.45	0.41
Offsite Residential	595142.43	4172261.4	1.86	1.26	3.12	0.39	0.18	0.56	0.15	0.16	0.31	2.48	0.42
Offsite Residential	595142.43	4172281.4	1.87	1.21	3.08	0.39	0.18	0.57	0.15	0.16	0.31	2.53	0.43
Offsite Residential	595142.43	4172301.4	1.90	1.19	3.09	0.40	0.18	0.58	0.15	0.17	0.32	2.60	0.44
Offsite Residential	595142.43	4172321.4	1.95	1.19	3.14	0.41	0.19	0.60	0.15	0.17	0.33	2.69	0.45
Offsite Residential	595142.43	4172341.4	2.01	1.21	3.22	0.42	0.19	0.62	0.16	0.18	0.34	2.78	0.47
Offsite Residential	595146.24	4171970.7	2.36	1.24	3.60	0.38	0.13	0.51	0.23	0.12	0.35	1.47	0.25
Offsite Residential	595146.24	4171990.7	2.36	1.37	3.73	0.38	0.15	0.53	0.23	0.13	0.36	1.59	0.27
Fenceline	595158.78	4172948.6	0.92	0.18	1.10	0.22	0.05	0.27	0.06	0.02	0.08	1.64	0.28
Offsite Residential	595162.43	4172201.4	2.08	1.72	3.80	0.42	0.20	0.62	0.17	0.19	0.36	2.57	0.43
Offsite Residential	595162.43	4172221.4	2.01	1.57	3.58	0.41	0.19	0.60	0.16	0.18	0.34	2.57	0.43

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential: 1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years

OffsiteWorke: 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years

OnsiteWorke: 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

Cancer Risks Scenario 2: Full Operation Scenario

			Residential			Offsite Worker			Onsite Worker				
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Residential	595162.43	4172241.4	1.98	1.44	3.42	0.41	0.19	0.60	0.16	0.17	0.33	2.58	0.44
Offsite Residential	595162.43	4172281.4	1.95	1.28	3.23	0.41	0.19	0.59	0.15	0.17	0.32	2.66	0.45
Offsite Residential	595162.43	4172301.4	1.99	1.26	3.25	0.42	0.19	0.61	0.15	0.18	0.33	2.74	0.46
Offsite Residential	595162.43	4172321.4	2.04	1.27	3.31	0.43	0.20	0.63	0.16	0.19	0.34	2.84	0.48
Offsite Residential	595162.43	4172341.4	2.11	1.30	3.41	0.45	0.21	0.65	0.16	0.20	0.36	2.95	0.50
Offsite Residential	595166.24	4171930.7	2.47	0.99	3.46	0.37	0.11	0.48	0.25	0.10	0.35	1.26	0.21
Offsite Residential	595166.24	4171950.7	2.51	1.12	3.63	0.39	0.12	0.51	0.25	0.11	0.36	1.37	0.23
Offsite Residential	595166.24	4171970.7	2.52	1.26	3.78	0.40	0.14	0.53	0.25	0.12	0.37	1.49	0.25
Offsite Residential	595166.24	4171990.7	2.52	1.41	3.92	0.40	0.15	0.55	0.25	0.14	0.38	1.62	0.27
Offsite Residential	595186.24	4171890.7	2.45	0.75	3.21	0.36	0.08	0.44	0.26	0.07	0.33	1.07	0.18
Offsite Residential	595186.24	4171910.7	2.56	0.86	3.42	0.38	0.09	0.47	0.27	0.08	0.35	1.17	0.20
Offsite Residential	595186.24	4171930.7	2.63	0.98	3.61	0.39	0.11	0.50	0.27	0.09	0.37	1.27	0.21
Offsite Residential	595186.24	4171950.7	2.68	1.12	3.80	0.41	0.12	0.53	0.27	0.11	0.38	1.38	0.23
Offsite Residential	595186.24	4171970.7	2.70	1.27	3.96	0.42	0.14	0.55	0.27	0.12	0.39	1.51	0.25
Offsite Residential	595186.24	4171990.7	2.69	1.44	4.13	0.43	0.15	0.58	0.27	0.14	0.41	1.65	0.28
Onsite Worker	595203.12	4172931.4	1.48	0.38	1.86	0.36	0.15	0.52	0.09	0.02	0.11		
Offsite Residential	595206.24	4171870.7	2.42	0.64	3.06	0.35	0.07	0.42	0.25	0.06	0.32	0.99	0.17
Offsite Residential	595206.24	4171890.7	2.58	0.73	3.32	0.37	0.08	0.46	0.27	0.07	0.34	1.08	0.18
Offsite Residential	595206.24	4171910.7	2.72	0.84	3.56	0.40	0.09	0.49	0.28	0.08	0.37	1.17	0.20
Offsite Residential	595206.24	4171930.7	2.82	0.97	3.78	0.42	0.11	0.52	0.29	0.09	0.39	1.28	0.22
Offsite Residential	595206.24	4171950.7	2.87	1.11	3.98	0.43	0.12	0.55	0.30	0.11	0.40	1.39	0.23
Offsite Residential	595206.24	4171970.7	2.90	1.27	4.17	0.44	0.14	0.58	0.30	0.12	0.42	1.53	0.26
Offsite Residential	595206.24	4171990.7	2.89	1.46	4.35	0.45	0.16	0.61	0.29	0.14	0.43	1.67	0.28
Onsite Worker	595207.62	4172857.6	5.91	0.37	6.29	1.57	0.13	1.70	0.33	0.03	0.35	12.93	2.18
Fenceline	595216.89	4172907.3	2.11	0.46	2.56	0.53	0.19	0.72	0.13	0.02	0.15	4.19	0.71
Offsite Residential	595226.24	4171850.7	2.31	0.54	2.85	0.33	0.06	0.39	0.24	0.05	0.30	0.91	0.15
Offsite Residential	595226.24	4171870.7	2.52	0.62	3.14	0.36	0.07	0.43	0.27	0.06	0.33	1.00	0.17
Offsite Residential	595226.24	4171890.7	2.72	0.71	3.43	0.39	0.08	0.47	0.29	0.07	0.36	1.09	0.18
Offsite Residential	595226.24	4171910.7	2.89	0.82	3.71	0.42	0.09	0.51	0.30	0.08	0.38	1.19	0.20
Offsite Residential	595226.24	4171930.7	3.02	0.95	3.96	0.44	0.10	0.54	0.32	0.09	0.41	1.29	0.22
Offsite Residential	595226.24	4171950.7	3.09	1.10	4.19	0.46	0.12	0.58	0.32	0.11	0.43	1.41	0.24
Offsite Residential	595226.24	4171970.7	3.13	1.27	4.40	0.47	0.14	0.61	0.32	0.12	0.44	1.54	0.26
Onsite Worker	595229.35	4172793.7	6.69	0.48	7.17	1.71	0.15	1.86	0.40	0.04	0.44	13.69	2.30
Fenceline	595229.53	4172979.5	1.00	0.26	1.26	0.24	0.09	0.33	0.07	0.02	0.08	1.83	0.31
Offsite Worker	595234	4172863	4.30	0.48	4.78	1.22	0.18	1.41	0.20	0.03	0.23	10.64	1.79
Offsite Worker	595234	4172883	3.19	0.45	3.64	0.89	0.17	1.06	0.16	0.03	0.19	7.55	1.27

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			**Cancer Risks Scenario 2: Full Operation Scenario**	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595234	4172903	2.24	0.44	2.68	0.59	0.17	0.76	0.13	0.02	0.15	4.81	0.81
Offsite Residential	595246.24	4171830.7	2.13	0.46	2.59	0.31	0.05	0.36	0.23	0.04	0.27	0.83	0.14
Offsite Residential	595246.24	4171850.7	2.37	0.52	2.89	0.34	0.06	0.40	0.25	0.05	0.30	0.91	0.15
Offsite Residential	595246.24	4171870.7	2.62	0.60	3.21	0.37	0.07	0.44	0.28	0.06	0.34	1.00	0.17
Offsite Residential	595246.24	4171890.7	2.85	0.69	3.54	0.41	0.08	0.48	0.30	0.07	0.37	1.09	0.18
Offsite Residential	595246.24	4171910.7	3.07	0.80	3.86	0.44	0.09	0.53	0.32	0.08	0.40	1.20	0.20
Offsite Residential	595246.24	4171930.7	3.24	0.93	4.17	0.47	0.10	0.57	0.34	0.09	0.43	1.31	0.22
Offsite Residential	595246.24	4171950.7	3.35	1.08	4.43	0.49	0.12	0.61	0.35	0.10	0.45	1.43	0.24
Offsite Residential	595246.24	4171970.7	3.41	1.26	4.67	0.50	0.14	0.64	0.35	0.12	0.47	1.57	0.26
Onsite Worker	595251.41	4172717.2	8.99	0.96	9.95	2.23	0.23	2.47	0.56	0.12	0.68	17.41	2.93
Offsite Worker	595254	4172823	8.67	0.55	9.23	2.88	0.20	3.08	0.24	0.04	0.28	27.50	4.63
Offsite Worker	595254	4172843	6.60	0.50	7.10	2.14	0.18	2.32	0.21	0.04	0.24	20.12	3.39
Offsite Worker	595254	4172863	4.41	0.45	4.86	1.34	0.16	1.50	0.17	0.03	0.21	12.19	2.05
Offsite Worker	595254	4172883	2.99	0.42	3.41	0.85	0.15	1.00	0.14	0.03	0.17	7.35	1.24
Offsite Worker	595254	4172903	2.21	0.41	2.62	0.59	0.15	0.74	0.12	0.03	0.15	4.94	0.83
Offsite Worker	595254	4172923	1.75	0.47	2.22	0.45	0.19	0.64	0.10	0.03	0.13	3.64	0.61
Fenceline	595259.54	4172956.7	1.28	0.44	1.72	0.32	0.17	0.49	0.08	0.02	0.10	2.48	0.42
Offsite Residential	595266.24	4171810.7	1.92	0.39	2.31	0.28	0.04	0.32	0.20	0.04	0.24	0.76	0.13
Offsite Residential	595266.24	4171830.7	2.16	0.44	2.60	0.31	0.05	0.36	0.23	0.04	0.27	0.83	0.14
Offsite Residential	595266.24	4171850.7	2.43	0.50	2.93	0.34	0.06	0.40	0.26	0.05	0.31	0.91	0.15
Offsite Residential	595266.24	4171870.7	2.70	0.57	3.28	0.38	0.06	0.45	0.29	0.06	0.34	1.00	0.17
Offsite Residential	595266.24	4171890.7	2.98	0.66	3.65	0.42	0.07	0.50	0.32	0.06	0.38	1.10	0.18
Offsite Residential	595266.24	4171910.7	3.25	0.77	4.02	0.46	0.09	0.55	0.35	0.07	0.42	1.21	0.20
Offsite Residential	595266.24	4171930.7	3.47	0.90	4.37	0.50	0.10	0.60	0.37	0.09	0.45	1.32	0.22
Offsite Residential	595266.24	4171950.7	3.63	1.05	4.69	0.52	0.12	0.64	0.38	0.10	0.48	1.45	0.24
Offsite Residential	595266.24	4171970.7	3.72	1.24	4.97	0.54	0.14	0.68	0.39	0.12	0.51	1.60	0.27
Fenceline	595271.59	4172931.1	1.61	0.46	2.07	0.41	0.18	0.59	0.10	0.03	0.12	3.30	0.56
Offsite Worker	595274	4172783	5.05	0.70	5.75	1.33	0.22	1.55	0.28	0.06	0.35	10.92	1.84
Offsite Worker	595274	4172803	5.47	0.60	6.08	1.59	0.19	1.78	0.25	0.05	0.30	13.96	2.35
Offsite Worker	595274	4172823	5.40	0.53	5.93	1.64	0.17	1.81	0.21	0.05	0.26	14.83	2.50
Offsite Worker	595274	4172843	4.54	0.48	5.01	1.36	0.15	1.52	0.18	0.04	0.23	12.29	2.07
Offsite Worker	595274	4172863	3.49	0.43	3.92	1.01	0.14	1.15	0.16	0.04	0.19	8.91	1.50
Offsite Worker	595274	4172883	2.69	0.40	3.09	0.75	0.13	0.87	0.13	0.03	0.17	6.37	1.07
Offsite Worker	595274	4172903	2.13	0.40	2.53	0.57	0.13	0.70	0.12	0.03	0.15	4.72	0.79
Offsite Worker	595274	4172923	1.74	0.43	2.17	0.45	0.16	0.61	0.10	0.03	0.13	3.63	0.61
Onsite Worker	595276.16	4172654.6	10.19	2.39	12.58	2.37	0.49	2.86	0.70	0.35	1.05	17.46	2.94

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			Cancer Risks Scenario 2: Full Operation Scenario	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Residential	595286.24	4171790.7	1.69	0.33	2.02	0.24	0.04	0.28	0.18	0.03	0.21	0.69	0.12
Offsite Residential	595286.24	4171810.7	1.92	0.37	2.29	0.27	0.04	0.32	0.20	0.04	0.24	0.75	0.13
Offsite Residential	595286.24	4171830.7	2.17	0.42	2.59	0.31	0.05	0.36	0.23	0.04	0.27	0.83	0.14
Offsite Residential	595286.24	4171850.7	2.47	0.48	2.94	0.35	0.05	0.40	0.26	0.05	0.31	0.91	0.15
Offsite Residential	595286.24	4171870.7	2.78	0.55	3.33	0.39	0.06	0.45	0.30	0.05	0.35	1.00	0.17
Offsite Residential	595286.24	4171890.7	3.11	0.63	3.74	0.44	0.07	0.51	0.33	0.06	0.39	1.10	0.19
Offsite Residential	595286.24	4171910.7	3.43	0.74	4.17	0.48	0.08	0.57	0.37	0.07	0.44	1.21	0.20
Offsite Residential	595286.24	4171930.7	3.73	0.87	4.59	0.53	0.10	0.62	0.40	0.08	0.48	1.34	0.23
Offsite Residential	595286.24	4171950.7	3.95	1.02	4.98	0.56	0.11	0.68	0.42	0.10	0.52	1.48	0.25
Fenceline	595293.61	4172706.7	13.08	1.92	15.00	3.56	0.44	4.01	0.69	0.26	0.95	30.00	5.05
Offsite Worker	595294	4172743	6.53	1.06	7.59	1.65	0.28	1.93	0.39	0.12	0.52	13.11	2.21
Offsite Worker	595294	4172763	5.33	0.85	6.18	1.34	0.23	1.58	0.32	0.09	0.42	10.62	1.79
Offsite Worker	595294	4172803	4.57	0.60	5.16	1.25	0.17	1.42	0.24	0.06	0.30	10.58	1.78
Offsite Worker	595294	4172823	4.17	0.53	4.70	1.18	0.15	1.32	0.20	0.05	0.26	10.14	1.71
Offsite Worker	595294	4172843	3.59	0.47	4.07	1.01	0.13	1.14	0.18	0.05	0.22	8.69	1.46
Offsite Worker	595294	4172863	2.98	0.43	3.42	0.82	0.12	0.94	0.15	0.04	0.20	6.97	1.17
Offsite Worker	595294	4172883	2.45	0.40	2.85	0.66	0.12	0.77	0.13	0.04	0.17	5.48	0.92
Offsite Worker	595294	4172903	2.03	0.39	2.42	0.53	0.12	0.65	0.11	0.03	0.15	4.35	0.73
Offsite Worker	595294	4172923	1.70	0.39	2.10	0.44	0.13	0.56	0.10	0.03	0.13	3.50	0.59
Offsite Worker	595294	4173023	0.88	0.20	1.08	0.21	0.05	0.26	0.06	0.02	0.08	1.55	0.26
Offsite Worker	595294	4173043	0.79	0.18	0.98	0.19	0.04	0.23	0.05	0.02	0.07	1.38	0.23
Offsite Worker	595294	4173063	0.72	0.17	0.89	0.17	0.03	0.20	0.05	0.02	0.07	1.24	0.21
Offsite Worker	595305.29	4173022.5	0.89	0.21	1.10	0.21	0.05	0.26	0.06	0.02	0.08		0.27
Offsite Residential	595306.24	4171790.7	1.67	0.32	1.98	0.24	0.04	0.28	0.18	0.03	0.21	0.69	0.12
Offsite Residential	595306.24	4171810.7	1.91	0.36	2.26	0.27	0.04	0.31	0.20	0.04	0.24	0.75	0.13
Offsite Residential	595306.24	4171830.7	2.18	0.40	2.58	0.31	0.05	0.36	0.23	0.04	0.27	0.82	0.14
Offsite Residential	595306.24	4171850.7	2.49	0.46	2.95	0.35	0.05	0.40	0.27	0.04	0.31	0.91	0.15
Offsite Residential	595306.24	4171870.7	2.84	0.52	3.37	0.40	0.06	0.46	0.30	0.05	0.35	1.00	0.17
Offsite Residential	595306.24	4171890.7	3.23	0.60	3.83	0.45	0.07	0.52	0.35	0.06	0.40	1.11	0.19
Offsite Residential	595306.24	4171910.7	3.62	0.71	4.33	0.51	0.08	0.59	0.39	0.07	0.46	1.23	0.21
Offsite Worker	595314	4172743	7.06	1.21	8.27	1.71	0.28	1.99	0.46	0.16	0.62	13.02	2.19
Offsite Worker	595314	4172763	5.61	0.92	6.53	1.38	0.22	1.60	0.36	0.11	0.47	10.64	1.79
Offsite Worker	595314	4172803	4.21	0.64	4.85	1.10	0.16	1.25	0.24	0.07	0.32	8.89	1.50
Offsite Worker	595314	4172863	2.70	0.45	3.15	0.71	0.12	0.82	0.15	0.05	0.20	5.80	0.98
Offsite Worker	595314	4172883	2.28	0.41	2.69	0.59	0.11	0.70	0.13	0.04	0.18	4.78	0.80
Offsite Worker	595314	4172903	1.94	0.39	2.33	0.50	0.11	0.60	0.12	0.04	0.15	3.97	0.67

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			**Cancer Risks Scenario 2: Full Operation Scenario**	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595314	4172923	1.67	0.37	2.05	0.42	0.11	0.53	0.10	0.04	0.14	3.33	0.56
Offsite Worker	595314	4172943	1.46	0.35	1.80	0.36	0.10	0.46	0.09	0.03	0.12	2.81	0.47
Offsite Worker	595314	4172963	1.28	0.31	1.58	0.31	0.08	0.40	0.08	0.03	0.11	2.40	0.40
Offsite Worker	595314	4172983	1.13	0.27	1.40	0.27	0.07	0.34	0.07	0.03	0.10	2.07	0.35
Offsite Worker	595314	4173003	1.01	0.24	1.25	0.24	0.06	0.30	0.07	0.03	0.09	1.81	0.31
Offsite Worker	595314	4173023	0.90	0.21	1.12	0.21	0.05	0.26	0.06	0.02	0.09	1.59	0.27
Offsite Worker	595314	4173043	0.82	0.19	1.01	0.19	0.04	0.23	0.06	0.02	0.08	1.42	0.24
Offsite Worker	595314	4173063	0.75	0.18	0.93	0.17	0.04	0.21	0.05	0.02	0.07	1.28	0.21
Offsite Residential	595326.24	4171790.7	1.63	0.30	1.93	0.24	0.03	0.27	0.17	0.03	0.20	0.68	0.11
Offsite Residential	595326.24	4171810.7	1.87	0.34	2.21	0.27	0.04	0.31	0.20	0.03	0.23	0.75	0.13
Offsite Residential	595326.24	4171830.7	2.16	0.38	2.55	0.31	0.04	0.35	0.23	0.04	0.27	0.82	0.14
Offsite Residential	595326.24	4171850.7	2.50	0.43	2.94	0.35	0.05	0.40	0.27	0.04	0.31	0.91	0.15
Offsite Worker	595334	4172743	8.79	1.57	10.36	2.00	0.33	2.32	0.62	0.23	0.85	14.31	2.41
Offsite Worker	595334	4172763	6.45	1.12	7.57	1.51	0.24	1.75	0.44	0.15	0.59	11.12	1.87
Offsite Worker	595334	4172823	3.56	0.61	4.18	0.90	0.14	1.04	0.22	0.08	0.30	7.05	1.19
Offsite Worker	595334	4172843	3.01	0.54	3.55	0.76	0.12	0.89	0.18	0.07	0.25	6.02	1.01
Offsite Worker	595334	4172863	2.56	0.48	3.05	0.65	0.11	0.76	0.16	0.06	0.21	5.10	0.86
Offsite Worker	595334	4172883	2.20	0.44	2.64	0.55	0.11	0.66	0.14	0.05	0.19	4.33	0.73
Offsite Worker	595334	4172903	1.90	0.41	2.31	0.47	0.10	0.57	0.12	0.05	0.16	3.69	0.62
Offsite Worker	595334	4172923	1.66	0.38	2.04	0.41	0.10	0.50	0.10	0.04	0.15	3.18	0.53
Offsite Worker	595334	4172943	1.46	0.34	1.80	0.36	0.09	0.44	0.09	0.04	0.13	2.74	0.46
Offsite Worker	595334	4172963	1.29	0.31	1.60	0.31	0.08	0.39	0.08	0.03	0.12	2.38	0.40
Offsite Worker	595334	4172983	1.15	0.28	1.43	0.28	0.07	0.34	0.08	0.03	0.11	2.08	0.35
Offsite Worker	595334	4173003	1.03	0.25	1.28	0.24	0.06	0.30	0.07	0.03	0.10	1.83	0.31
Offsite Worker	595334	4173023	0.93	0.23	1.16	0.22	0.05	0.27	0.06	0.03	0.09	1.62	0.27
Offsite Worker	595334	4173043	0.85	0.21	1.05	0.20	0.04	0.24	0.06	0.03	0.08	1.45	0.24
Offsite Worker	595334	4173063	0.77	0.19	0.96	0.18	0.04	0.22	0.05	0.02	0.08	1.31	0.22
Offsite Worker	595334	4173103	0.65	0.16	0.82	0.15	0.03	0.18	0.05	0.02	0.07	1.08	0.18
Offsite Worker	595334	4173123	0.60	0.15	0.76	0.14	0.03	0.16	0.04	0.02	0.06	0.99	0.17
Offsite Worker	595354	4172763	8.43	1.47	9.90	1.87	0.29	2.16	0.62	0.22	0.84	13.04	2.20
Offsite Worker	595354	4172783	5.83	1.05	6.88	1.34	0.21	1.55	0.41	0.15	0.56	9.68	1.63
Offsite Worker	595354	4172803	4.50	0.84	5.34	1.06	0.17	1.23	0.30	0.12	0.42	7.88	1.33
Offsite Worker	595354	4172823	3.63	0.70	4.32	0.87	0.15	1.02	0.24	0.09	0.33	6.59	1.11
Offsite Worker	595354	4172843	3.01	0.60	3.61	0.73	0.13	0.86	0.20	0.08	0.27	5.57	0.94
Offsite Worker	595354	4172863	2.54	0.53	3.07	0.62	0.12	0.73	0.16	0.07	0.23	4.72	0.79
Offsite Worker	595354	4172903	1.89	0.43	2.32	0.46	0.10	0.56	0.12	0.05	0.18	3.49	0.59

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			**Cancer Risks Scenario 2: Full Operation Scenario**	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595354	4172923	1.66	0.39	2.05	0.40	0.09	0.49	0.11	0.05	0.16	3.04	0.51
Offsite Worker	595354	4172943	1.47	0.36	1.82	0.35	0.08	0.43	0.10	0.04	0.14	2.67	0.45
Offsite Worker	595354	4172963	1.31	0.32	1.63	0.31	0.07	0.38	0.09	0.04	0.13	2.35	0.40
Offsite Worker	595354	4172983	1.17	0.29	1.46	0.28	0.06	0.34	0.08	0.03	0.11	2.08	0.35
Offsite Worker	595354	4173003	1.06	0.26	1.32	0.25	0.06	0.30	0.07	0.03	0.10	1.84	0.31
Offsite Worker	595354	4173023	0.96	0.24	1.20	0.22	0.05	0.27	0.07	0.03	0.10	1.64	0.28
Offsite Worker	595354	4173043	0.87	0.22	1.09	0.20	0.04	0.25	0.06	0.03	0.09	1.48	0.25
Offsite Worker	595354	4173063	0.80	0.20	1.00	0.18	0.04	0.22	0.06	0.03	0.08	1.33	0.22
Offsite Worker	595354	4173083	0.73	0.19	0.92	0.17	0.03	0.20	0.05	0.02	0.07	1.21	0.20
Offsite Worker	595354	4173103	0.67	0.17	0.85	0.15	0.03	0.19	0.05	0.02	0.07	1.10	0.19
Offsite Worker	595354	4173123	0.62	0.16	0.79	0.14	0.03	0.17	0.04	0.02	0.07	1.01	0.17
Offsite Worker	595354	4173143	0.58	0.15	0.73	0.13	0.03	0.16	0.04	0.02	0.06	0.93	0.16
Offsite Worker	595354	4173163	0.54	0.14	0.68	0.12	0.02	0.15	0.04	0.02	0.06	0.86	0.15
Offsite Worker	595374	4172763	12.15	1.89	14.04	2.59	0.35	2.94	0.94	0.29	1.23	17.19	2.89
Offsite Worker	595374	4172783	7.13	1.30	8.43	1.57	0.25	1.82	0.53	0.19	0.72	10.86	1.83
Offsite Worker	595374	4172803	5.03	1.00	6.03	1.14	0.19	1.33	0.36	0.15	0.50	8.12	1.37
Offsite Worker	595374	4172823	3.88	0.82	4.70	0.90	0.16	1.06	0.27	0.12	0.39	6.53	1.10
Offsite Worker	595374	4172843	3.13	0.69	3.81	0.73	0.14	0.87	0.21	0.09	0.31	5.39	0.91
Offsite Worker	595374	4172863	2.60	0.60	3.20	0.61	0.12	0.73	0.18	0.08	0.26	4.55	0.77
Offsite Worker	595374	4172883	2.22	0.53	2.75	0.52	0.11	0.63	0.15	0.07	0.22	3.90	0.66
Offsite Worker	595374	4172903	1.92	0.47	2.38	0.45	0.10	0.55	0.13	0.06	0.19	3.37	0.57
Offsite Worker	595374	4172923	1.68	0.42	2.10	0.40	0.09	0.49	0.11	0.05	0.17	2.95	0.50
Offsite Worker	595374	4172943	1.49	0.38	1.86	0.35	0.08	0.43	0.10	0.05	0.15	2.61	0.44
Offsite Worker	595374	4172963	1.33	0.34	1.67	0.31	0.07	0.38	0.09	0.04	0.13	2.32	0.39
Offsite Worker	595374	4172983	1.19	0.31	1.50	0.28	0.06	0.34	0.08	0.04	0.12	2.06	0.35
Offsite Worker	595374	4173003	1.08	0.28	1.36	0.25	0.06	0.31	0.07	0.04	0.11	1.84	0.31
Offsite Worker	595374	4173023	0.98	0.26	1.23	0.23	0.05	0.28	0.07	0.03	0.10	1.66	0.28
Offsite Worker	595374	4173043	0.89	0.23	1.13	0.21	0.04	0.25	0.06	0.03	0.09	1.49	0.25
Offsite Worker	595374	4173063	0.82	0.22	1.03	0.19	0.04	0.23	0.06	0.03	0.08	1.35	0.23
Offsite Worker	595374	4173083	0.75	0.20	0.95	0.17	0.04	0.21	0.05	0.03	0.08	1.23	0.21
Offsite Worker	595374	4173103	0.69	0.19	0.88	0.16	0.03	0.19	0.05	0.02	0.07	1.12	0.19
Offsite Worker	595374	4173123	0.64	0.17	0.81	0.14	0.03	0.17	0.05	0.02	0.07	1.03	0.17
Offsite Worker	595374	4173143	0.59	0.16	0.76	0.13	0.03	0.16	0.04	0.02	0.06	0.95	0.16
Offsite Worker	595374	4173163	0.55	0.15	0.71	0.12	0.03	0.15	0.04	0.02	0.06	0.88	0.15
Offsite Worker	595374	4173183	0.52	0.14	0.66	0.12	0.02	0.14	0.04	0.02	0.06	0.82	0.14
Offsite Worker	595394	4172783	8.50	1.61	10.11	1.82	0.30	2.12	0.65	0.25	0.90	12.21	2.06

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			**Cancer Risks Scenario 2: Full Operation Scenario**	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595394	4172803	5.63	1.20	6.82	1.24	0.22	1.46	0.42	0.18	0.60	8.55	1.44
Offsite Worker	595394	4172823	4.17	0.95	5.12	0.94	0.18	1.12	0.30	0.14	0.44	6.60	1.11
Offsite Worker	595394	4172843	3.28	0.79	4.07	0.75	0.15	0.90	0.23	0.11	0.35	5.35	0.90
Offsite Worker	595394	4172863	2.69	0.67	3.35	0.62	0.13	0.75	0.19	0.09	0.28	4.46	0.75
Offsite Worker	595394	4172883	2.27	0.58	2.85	0.52	0.11	0.64	0.16	0.08	0.24	3.80	0.64
Offsite Worker	595394	4172923	1.71	0.45	2.16	0.40	0.09	0.49	0.12	0.06	0.18	2.89	0.49
Offsite Worker	595394	4172943	1.51	0.41	1.92	0.35	0.08	0.43	0.10	0.05	0.16	2.56	0.43
Offsite Worker	595394	4172963	1.35	0.36	1.71	0.31	0.07	0.39	0.09	0.05	0.14	2.29	0.38
Offsite Worker	595394	4172983	1.22	0.33	1.54	0.28	0.06	0.35	0.08	0.04	0.13	2.05	0.35
Offsite Worker	595394	4173003	1.10	0.30	1.40	0.25	0.06	0.31	0.08	0.04	0.12	1.84	0.31
Offsite Worker	595394	4173023	1.00	0.27	1.27	0.23	0.05	0.28	0.07	0.04	0.11	1.66	0.28
Offsite Worker	595394	4173043	0.91	0.25	1.16	0.21	0.05	0.25	0.06	0.03	0.10	1.51	0.25
Offsite Worker	595394	4173063	0.83	0.23	1.06	0.19	0.04	0.23	0.06	0.03	0.09	1.37	0.23
Offsite Worker	595394	4173083	0.77	0.21	0.98	0.17	0.04	0.21	0.05	0.03	0.08	1.25	0.21
Offsite Worker	595394	4173103	0.71	0.20	0.90	0.16	0.03	0.19	0.05	0.03	0.08	1.14	0.19
Offsite Worker	595394	4173123	0.65	0.18	0.84	0.15	0.03	0.18	0.05	0.02	0.07	1.05	0.18
Offsite Worker	595394	4173143	0.61	0.17	0.78	0.14	0.03	0.17	0.04	0.02	0.07	0.97	0.16
Offsite Worker	595394	4173163	0.57	0.16	0.73	0.13	0.03	0.15	0.04	0.02	0.06	0.90	0.15
Offsite Worker	595394	4173183	0.53	0.15	0.68	0.12	0.03	0.14	0.04	0.02	0.06	0.83	0.14
Offsite Worker	595413.93	4172953.1	1.46	0.41	1.87	0.33	0.08	0.41	0.10	0.06	0.16	2.40	0.40
Offsite Worker	595414	4172783	8.58	1.97	10.55	1.82	0.35	2.17	0.66	0.31	0.97	12.04	2.03
Offsite Worker	595414	4172803	5.87	1.43	7.30	1.27	0.26	1.53	0.44	0.22	0.66	8.60	1.45
Offsite Worker	595414	4172823	4.36	1.10	5.46	0.96	0.20	1.16	0.32	0.17	0.49	6.62	1.11
Offsite Worker	595414	4172843	3.43	0.90	4.33	0.76	0.17	0.93	0.25	0.13	0.38	5.35	0.90
Offsite Worker	595414	4172863	2.79	0.75	3.54	0.63	0.14	0.77	0.20	0.11	0.31	4.44	0.75
Offsite Worker	595414	4172883	2.34	0.64	2.99	0.53	0.12	0.65	0.17	0.09	0.26	3.77	0.64
Offsite Worker	595414	4172903	2.02	0.56	2.58	0.46	0.11	0.56	0.14	0.08	0.22	3.27	0.55
Offsite Worker	595414	4172923	1.75	0.49	2.24	0.40	0.09	0.49	0.12	0.07	0.19	2.86	0.48
Offsite Worker	595414	4172943	1.55	0.44	1.98	0.35	0.08	0.44	0.11	0.06	0.17	2.54	0.43
Offsite Worker	595414	4172963	1.38	0.39	1.77	0.31	0.07	0.39	0.10	0.05	0.15	2.27	0.38
Offsite Worker	595414	4172983	1.24	0.35	1.59	0.28	0.07	0.35	0.09	0.05	0.13	2.04	0.34
Offsite Worker	595414	4173003	1.12	0.32	1.44	0.26	0.06	0.32	0.08	0.04	0.12	1.84	0.31
Offsite Worker	595414	4173023	1.02	0.29	1.31	0.23	0.05	0.29	0.07	0.04	0.11	1.67	0.28
Offsite Worker	595414	4173043	0.93	0.27	1.20	0.21	0.05	0.26	0.07	0.04	0.10	1.51	0.26
Offsite Worker	595414	4173063	0.85	0.24	1.10	0.19	0.04	0.24	0.06	0.03	0.09	1.38	0.23
Offsite Worker	595414	4173083	0.78	0.22	1.01	0.18	0.04	0.22	0.06	0.03	0.09	1.26	0.21

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			Cancer Risks Scenario 2: Full Operation Scenario	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595414	4173103	0.72	0.21	0.93	0.16	0.04	0.20	0.05	0.03	0.08	1.16	0.19
Offsite Worker	595414	4173123	0.67	0.19	0.86	0.15	0.03	0.18	0.05	0.03	0.07	1.06	0.18
Offsite Worker	595414	4173143	0.63	0.18	0.81	0.14	0.03	0.17	0.05	0.02	0.07	0.99	0.17
Offsite Worker	595414	4173163	0.58	0.17	0.75	0.13	0.03	0.16	0.04	0.02	0.06	0.92	0.15
Offsite Worker	595414	4173183	0.55	0.16	0.70	0.12	0.03	0.15	0.04	0.02	0.06	0.85	0.14
Fenceline	595424.36	4172061.5	9.69	2.61	12.30	1.36	0.32	1.68	1.04	0.24	1.27	3.38	0.57
Offsite Worker	595427.66	4172811.1	5.07	1.42	6.49	1.10	0.25	1.35	0.38	0.22	0.60	7.43	1.25
Offsite Worker	595434	4172783	7.63	2.40	10.03	1.61	0.42	2.04	0.59	0.38	0.97	10.65	1.79
Offsite Worker	595434	4172803	5.57	1.67	7.25	1.20	0.30	1.49	0.43	0.26	0.69	8.03	1.35
Offsite Worker	595434	4172823	4.28	1.27	5.55	0.93	0.23	1.16	0.32	0.19	0.52	6.35	1.07
Offsite Worker	595434	4172843	3.43	1.01	4.44	0.75	0.18	0.94	0.25	0.15	0.41	5.20	0.88
Offsite Worker	595434	4172863	2.83	0.83	3.67	0.63	0.15	0.78	0.21	0.12	0.33	4.36	0.73
Offsite Worker	595434	4172883	2.40	0.71	3.10	0.53	0.13	0.66	0.17	0.10	0.28	3.73	0.63
Offsite Worker	595434	4172903	2.06	0.61	2.67	0.46	0.11	0.57	0.15	0.09	0.24	3.24	0.55
Offsite Worker	595434	4172943	1.59	0.47	2.05	0.36	0.09	0.44	0.11	0.07	0.18	2.53	0.43
Offsite Worker	595434	4172963	1.41	0.42	1.83	0.32	0.08	0.40	0.10	0.06	0.16	2.26	0.38
Offsite Worker	595434	4172983	1.27	0.38	1.65	0.29	0.07	0.36	0.09	0.05	0.14	2.04	0.34
Offsite Worker	595434	4173003	1.15	0.34	1.49	0.26	0.06	0.32	0.08	0.05	0.13	1.85	0.31
Offsite Worker	595434	4173023	1.05	0.31	1.35	0.24	0.06	0.29	0.08	0.04	0.12	1.68	0.28
Offsite Worker	595434	4173043	0.96	0.28	1.24	0.22	0.05	0.27	0.07	0.04	0.11	1.53	0.26
Offsite Worker	595434	4173063	0.88	0.26	1.13	0.20	0.05	0.24	0.06	0.03	0.10	1.39	0.23
Offsite Worker	595434	4173083	0.81	0.24	1.04	0.18	0.04	0.22	0.06	0.03	0.09	1.28	0.21
Offsite Worker	595434	4173103	0.74	0.22	0.96	0.17	0.04	0.20	0.05	0.03	0.08	1.17	0.20
Offsite Worker	595434	4173123	0.69	0.20	0.89	0.15	0.03	0.19	0.05	0.03	0.08	1.08	0.18
Offsite Worker	595434	4173143	0.64	0.19	0.83	0.14	0.03	0.18	0.05	0.03	0.07	1.00	0.17
Offsite Worker	595434	4173163	0.60	0.18	0.78	0.13	0.03	0.16	0.04	0.02	0.07	0.93	0.16
Offsite Worker	595434	4173183	0.56	0.17	0.73	0.12	0.03	0.15	0.04	0.02	0.06	0.86	0.15
Fenceline	595440.32	4172695.9	19.07	8.55	27.62	3.91	1.47	5.38	1.53	1.41	2.94	24.85	4.18
Onsite Worker	595453.66	4172369.3	6.99	5.60	12.59	2.03	0.97	2.99	0.32	0.72	1.04	17.82	3.00
Offsite Worker	595454	4172803	5.05	1.92	6.97	1.08	0.34	1.42	0.39	0.30	0.69	7.22	1.21
Offsite Worker	595454	4172823	4.03	1.42	5.45	0.87	0.25	1.12	0.31	0.22	0.53	5.89	0.99
Offsite Worker	595454	4172843	3.31	1.12	4.43	0.72	0.20	0.92	0.25	0.17	0.42	4.93	0.83
Offsite Worker	595454	4172863	2.78	0.91	3.70	0.61	0.16	0.77	0.21	0.14	0.34	4.20	0.71
Offsite Worker	595454	4172883	2.38	0.77	3.14	0.52	0.14	0.66	0.18	0.11	0.29	3.62	0.61
Offsite Worker	595454	4172903	2.06	0.66	2.72	0.46	0.12	0.57	0.15	0.10	0.25	3.17	0.53
Offsite Worker	595454	4172943	1.61	0.50	2.11	0.36	0.09	0.45	0.12	0.07	0.19	2.50	0.42

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential 1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years

OffsiteWorke 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years

OnsiteWorke 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

Cancer Risks Scenario 2: Full Operation Scenario

			Residential			**Offsite Worker**			**Onsite Worker**				
Receptor Type	X	Y	**Operational Contribution**	**Construction Contribution**	**Total**	**Operational Contribution**	**Construction Contribution**	**Total**	**Operational Contribution**	**Construction Contribution**	**Total**	**Residential**	**OffsiteWorker**
Offsite Worker	595454	4172963	1.44	0.44	1.88	0.32	0.08	0.40	0.10	0.06	0.17	2.25	0.38
Offsite Worker	595454	4172983	1.30	0.40	1.70	0.29	0.07	0.36	0.09	0.06	0.15	2.03	0.34
Offsite Worker	595454	4173003	1.18	0.36	1.54	0.26	0.06	0.33	0.09	0.05	0.14	1.85	0.31
Offsite Worker	595454	4173023	1.07	0.33	1.40	0.24	0.06	0.30	0.08	0.04	0.12	1.68	0.28
Offsite Worker	595454	4173043	0.98	0.30	1.28	0.22	0.05	0.27	0.07	0.04	0.11	1.54	0.26
Offsite Worker	595454	4173063	0.90	0.27	1.17	0.20	0.05	0.25	0.07	0.04	0.10	1.41	0.24
Offsite Worker	595454	4173083	0.83	0.25	1.08	0.18	0.04	0.23	0.06	0.03	0.09	1.29	0.22
Offsite Worker	595454	4173103	0.77	0.23	1.00	0.17	0.04	0.21	0.06	0.03	0.09	1.19	0.20
Offsite Worker	595454	4173123	0.71	0.21	0.93	0.16	0.04	0.19	0.05	0.03	0.08	1.10	0.19
Offsite Worker	595465.61	4172972.4	1.37	0.43	1.81	0.30	0.08	0.38	0.10	0.06	0.16	2.12	0.36
Offsite Worker	595474	4172803	4.51	2.06	6.57	0.96	0.36	1.32	0.35	0.33	0.67	6.41	1.08
Offsite Worker	595474	4172823	3.73	1.51	5.24	0.80	0.27	1.07	0.28	0.24	0.52	5.39	0.91
Offsite Worker	595474	4172843	3.13	1.19	4.32	0.68	0.21	0.89	0.24	0.18	0.42	4.60	0.77
Offsite Worker	595474	4172863	2.68	0.97	3.65	0.58	0.17	0.75	0.20	0.15	0.35	3.98	0.67
Offsite Worker	595474	4172883	2.32	0.81	3.13	0.51	0.14	0.65	0.17	0.12	0.29	3.47	0.58
Offsite Worker	595474	4172903	2.03	0.69	2.72	0.44	0.12	0.57	0.15	0.10	0.25	3.06	0.52
Offsite Worker	595474	4172923	1.80	0.60	2.40	0.39	0.11	0.50	0.13	0.09	0.22	2.73	0.46
Offsite Worker	595474	4172963	1.44	0.47	1.91	0.32	0.08	0.40	0.11	0.07	0.17	2.21	0.37
Offsite Worker	595474	4172983	1.31	0.42	1.72	0.29	0.07	0.36	0.10	0.06	0.16	2.01	0.34
Offsite Worker	595474	4173003	1.19	0.38	1.57	0.26	0.07	0.33	0.09	0.05	0.14	1.83	0.31
Offsite Worker	595474	4173023	1.09	0.34	1.43	0.24	0.06	0.30	0.08	0.05	0.13	1.68	0.28
Offsite Worker	595474	4173043	1.00	0.31	1.31	0.22	0.05	0.27	0.07	0.04	0.12	1.54	0.26
Offsite Worker	595474	4173063	0.92	0.29	1.20	0.20	0.05	0.25	0.07	0.04	0.11	1.42	0.24
Offsite Worker	595474	4173083	0.85	0.26	1.11	0.19	0.04	0.23	0.06	0.04	0.10	1.31	0.22
Offsite Worker	595474	4173103	0.79	0.24	1.03	0.17	0.04	0.21	0.06	0.03	0.09	1.21	0.20
Offsite Worker	595474	4173123	0.73	0.23	0.96	0.16	0.04	0.20	0.05	0.03	0.08	1.12	0.19
Offsite Worker	595494	4172823	3.43	1.53	4.96	0.73	0.27	1.01	0.26	0.24	0.50	4.92	0.83
Offsite Worker	595494	4172843	2.94	1.22	4.16	0.63	0.21	0.85	0.22	0.19	0.41	4.28	0.72
Offsite Worker	595494	4172863	2.56	1.00	3.56	0.55	0.18	0.73	0.19	0.15	0.34	3.75	0.63
Offsite Worker	595494	4172883	2.24	0.84	3.08	0.49	0.15	0.63	0.17	0.13	0.29	3.31	0.56
Offsite Worker	595494	4172903	1.98	0.72	2.70	0.43	0.13	0.56	0.15	0.11	0.25	2.94	0.50
Offsite Worker	595494	4172923	1.76	0.63	2.39	0.38	0.11	0.49	0.13	0.09	0.22	2.63	0.44
Offsite Worker	595494	4172963	1.43	0.49	1.92	0.31	0.09	0.40	0.11	0.07	0.18	2.16	0.36
Offsite Worker	595494	4172983	1.30	0.44	1.74	0.29	0.08	0.36	0.10	0.06	0.16	1.97	0.33
Offsite Worker	595494	4173003	1.19	0.39	1.58	0.26	0.07	0.33	0.09	0.06	0.14	1.81	0.30
Offsite Worker	595494	4173023	1.09	0.36	1.45	0.24	0.06	0.30	0.08	0.05	0.13	1.66	0.28

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			Cancer Risks Scenario 2: Full Operation Scenario	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595494	4173043	1.01	0.32	1.33	0.22	0.06	0.28	0.07	0.05	0.12	1.53	0.26
Offsite Worker	595494	4173063	0.93	0.30	1.23	0.20	0.05	0.26	0.07	0.04	0.11	1.42	0.24
Offsite Worker	595494	4173083	0.86	0.27	1.14	0.19	0.05	0.24	0.06	0.04	0.10	1.31	0.22
Offsite Worker	595494	4173103	0.80	0.25	1.06	0.18	0.04	0.22	0.06	0.03	0.09	1.22	0.20
Offsite Worker	595494	4173123	0.75	0.23	0.98	0.16	0.04	0.20	0.06	0.03	0.09	1.13	0.19
Offsite Worker	595494	4173143	0.69	0.22	0.91	0.15	0.04	0.19	0.05	0.03	0.08	1.05	0.18
Fenceline	595497.98	4172569.5	12.55	9.87	22.42	2.55	1.65	4.20	1.02	1.62	2.64	15.95	2.69
Fenceline	595503.43	4172797.5	3.93	2.15	6.09	0.84	0.40	1.23	0.30	0.33	0.63	5.55	0.93
Onsite Worker	595509.2	4172311.1	6.50	12.25	18.75	1.34	1.43	2.77	0.52	1.16	1.68	8.49	1.43
Offsite Worker	595514	4171823	1.46	0.25	1.72	0.22	0.03	0.25	0.15	0.03	0.18	0.74	0.12
Offsite Worker	595514	4171843	1.69	0.28	1.96	0.25	0.03	0.28	0.17	0.03	0.20	0.82	0.14
Offsite Worker	595514	4171863	1.97	0.31	2.28	0.29	0.04	0.33	0.20	0.03	0.24	0.91	0.15
Offsite Worker	595514	4171883	2.38	0.35	2.72	0.35	0.04	0.39	0.25	0.03	0.28	1.03	0.17
Offsite Worker	595514	4171903	2.90	0.39	3.29	0.42	0.05	0.46	0.30	0.04	0.34	1.18	0.20
Offsite Worker	595514	4172783	4.02	2.51	6.53	0.85	0.49	1.34	0.31	0.38	0.69	5.63	0.95
Offsite Worker	595514	4172823	3.14	1.49	4.63	0.67	0.27	0.94	0.24	0.23	0.47	4.48	0.75
Offsite Worker	595514	4172843	2.76	1.21	3.97	0.59	0.21	0.81	0.21	0.18	0.39	3.97	0.67
Offsite Worker	595514	4172863	2.43	1.01	3.44	0.52	0.18	0.70	0.18	0.15	0.34	3.52	0.59
Offsite Worker	595514	4172883	2.15	0.86	3.01	0.46	0.15	0.61	0.16	0.13	0.29	3.14	0.53
Offsite Worker	595514	4172903	1.92	0.74	2.65	0.41	0.13	0.54	0.14	0.11	0.25	2.82	0.47
Offsite Worker	595514	4172923	1.72	0.64	2.36	0.37	0.11	0.48	0.13	0.09	0.22	2.54	0.43
Offsite Worker	595514	4172943	1.56	0.57	2.12	0.34	0.10	0.44	0.12	0.08	0.20	2.30	0.39
Offsite Worker	595514	4172963	1.41	0.50	1.92	0.31	0.09	0.39	0.11	0.07	0.18	2.10	0.35
Offsite Worker	595514	4172983	1.29	0.45	1.74	0.28	0.08	0.36	0.10	0.06	0.16	1.92	0.32
Offsite Worker	595514	4173003	1.18	0.41	1.59	0.26	0.07	0.33	0.09	0.06	0.15	1.77	0.30
Offsite Worker	595514	4173023	1.09	0.37	1.46	0.24	0.06	0.30	0.08	0.05	0.13	1.64	0.28
Offsite Worker	595514	4173043	1.01	0.34	1.34	0.22	0.06	0.28	0.08	0.05	0.12	1.51	0.25
Offsite Worker	595514	4173063	0.93	0.31	1.24	0.20	0.05	0.26	0.07	0.04	0.11	1.40	0.24
Offsite Worker	595514	4173083	0.87	0.28	1.15	0.19	0.05	0.24	0.06	0.04	0.10	1.31	0.22
Offsite Worker	595514	4173103	0.81	0.26	1.07	0.18	0.04	0.22	0.06	0.04	0.10	1.21	0.20
Offsite Worker	595514	4173123	0.75	0.24	0.99	0.16	0.04	0.20	0.06	0.03	0.09	1.13	0.19
Onsite Worker	595515	4172097	23.90	3.74	27.64	3.26	0.56	3.83	2.59	0.31	2.90	7.02	1.18
Fenceline	595531.7	4172736.2	4.86	3.45	8.31	1.02	0.65	1.67	0.38	0.53	0.91	6.65	1.12
Offsite Worker	595534	4171763	0.99	0.19	1.18	0.15	0.02	0.18	0.10	0.02	0.12	0.56	0.09
Offsite Worker	595534	4171783	1.09	0.20	1.29	0.17	0.02	0.19	0.11	0.02	0.13	0.61	0.10
Offsite Worker	595534	4171803	1.23	0.22	1.45	0.19	0.03	0.21	0.13	0.02	0.15	0.67	0.11

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			**Cancer Risks Scenario 2: Full Operation Scenario**	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595534	4171823	1.41	0.24	1.65	0.21	0.03	0.24	0.14	0.02	0.17	0.73	0.12
Offsite Worker	595534	4171843	1.63	0.27	1.90	0.25	0.03	0.28	0.17	0.03	0.19	0.81	0.14
Offsite Worker	595534	4171863	1.91	0.30	2.21	0.28	0.03	0.32	0.20	0.03	0.23	0.91	0.15
Offsite Worker	595534	4171883	2.30	0.33	2.64	0.34	0.04	0.38	0.24	0.03	0.27	1.03	0.17
Offsite Worker	595534	4171903	2.78	0.38	3.15	0.40	0.04	0.45	0.29	0.04	0.33	1.18	0.20
Offsite Worker	595534	4171923	3.48	0.43	3.91	0.50	0.05	0.55	0.37	0.04	0.41	1.37	0.23
Offsite Worker	595534	4171943	4.53	0.50	5.03	0.64	0.06	0.70	0.48	0.05	0.53	1.63	0.27
Offsite Worker	595534	4172643	6.16	4.70	10.86	1.28	0.78	2.06	0.49	0.76	1.25	8.24	1.39
Offsite Worker	595534	4172663	6.07	4.31	10.38	1.26	0.72	1.98	0.48	0.69	1.17	8.15	1.37
Offsite Worker	595534	4172683	5.93	4.04	9.97	1.23	0.68	1.92	0.47	0.65	1.12	7.98	1.34
Offsite Worker	595534	4172743	4.59	3.23	7.81	0.96	0.61	1.58	0.36	0.49	0.85	6.29	1.06
Offsite Worker	595534	4172763	4.02	2.70	6.73	0.85	0.52	1.37	0.31	0.40	0.72	5.57	0.94
Offsite Worker	595534	4172783	3.56	2.18	5.74	0.75	0.41	1.17	0.28	0.33	0.60	4.97	0.84
Offsite Worker	595534	4172803	3.19	1.75	4.94	0.68	0.32	1.00	0.25	0.26	0.51	4.50	0.76
Offsite Worker	595534	4172823	2.88	1.42	4.30	0.61	0.25	0.87	0.22	0.22	0.44	4.08	0.69
Offsite Worker	595534	4172843	2.58	1.18	3.76	0.55	0.21	0.76	0.20	0.18	0.38	3.68	0.62
Offsite Worker	595534	4172863	2.30	1.00	3.30	0.49	0.17	0.67	0.18	0.15	0.32	3.30	0.56
Offsite Worker	595534	4172883	2.06	0.86	2.92	0.44	0.15	0.59	0.16	0.13	0.28	2.98	0.50
Offsite Worker	595534	4172903	1.85	0.74	2.60	0.40	0.13	0.53	0.14	0.11	0.25	2.69	0.45
Offsite Worker	595534	4172923	1.67	0.65	2.32	0.36	0.11	0.47	0.13	0.10	0.22	2.44	0.41
Offsite Worker	595534	4172943	1.52	0.58	2.10	0.33	0.10	0.43	0.12	0.08	0.20	2.23	0.37
Offsite Worker	595534	4172983	1.27	0.46	1.73	0.28	0.08	0.35	0.10	0.07	0.16	1.87	0.32
Offsite Worker	595534	4173003	1.17	0.42	1.59	0.25	0.07	0.32	0.09	0.06	0.15	1.73	0.29
Offsite Worker	595534	4173023	1.08	0.38	1.46	0.24	0.06	0.30	0.08	0.05	0.13	1.60	0.27
Offsite Worker	595534	4173043	1.00	0.35	1.35	0.22	0.06	0.28	0.08	0.05	0.12	1.49	0.25
Offsite Worker	595534	4173063	0.93	0.32	1.25	0.20	0.05	0.26	0.07	0.04	0.11	1.38	0.23
Offsite Worker	595534	4173083	0.87	0.29	1.16	0.19	0.05	0.24	0.07	0.04	0.11	1.29	0.22
Offsite Worker	595554	4171763	0.96	0.18	1.14	0.15	0.02	0.17	0.10	0.02	0.11	0.56	0.09
Offsite Worker	595554	4171783	1.08	0.20	1.28	0.17	0.02	0.19	0.11	0.02	0.13	0.61	0.10
Offsite Worker	595554	4171803	1.22	0.21	1.43	0.19	0.02	0.21	0.12	0.02	0.14	0.67	0.11
Offsite Worker	595554	4171823	1.39	0.23	1.63	0.21	0.03	0.24	0.14	0.02	0.17	0.73	0.12
Offsite Worker	595554	4171843	1.60	0.26	1.86	0.24	0.03	0.27	0.16	0.03	0.19	0.81	0.14
Offsite Worker	595554	4171863	1.87	0.29	2.16	0.28	0.03	0.31	0.19	0.03	0.22	0.91	0.15
Offsite Worker	595554	4171883	2.24	0.32	2.56	0.33	0.04	0.37	0.23	0.03	0.26	1.03	0.17
Offsite Worker	595554	4171903	2.71	0.36	3.07	0.40	0.04	0.44	0.28	0.04	0.32	1.18	0.20
Offsite Worker	595554	4171923	3.37	0.42	3.79	0.49	0.05	0.54	0.35	0.04	0.40	1.38	0.23

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential 1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years

OffsiteWorke 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years

OnsiteWorke 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

Cancer Risks Scenario 2: Full Operation Scenario

			Residential			**Offsite Worker**			**Onsite Worker**				
Receptor Type	X	Y	**Operational Contribution**	**Construction Contribution**	**Total**	**Operational Contribution**	**Construction Contribution**	**Total**	**Operational Contribution**	**Construction Contribution**	**Total**	**Residential**	**OffsiteWorker**
Offsite Worker	595554	4171943	4.33	0.48	4.82	0.62	0.06	0.67	0.46	0.05	0.51	1.64	0.28
Offsite Worker	595554	4171963	5.82	0.57	6.39	0.81	0.07	0.88	0.62	0.05	0.68	1.99	0.34
Offsite Worker	595554	4172643	5.66	4.03	9.69	1.17	0.67	1.84	0.45	0.64	1.09	7.54	1.27
Offsite Worker	595554	4172663	5.46	3.72	9.18	1.13	0.62	1.75	0.43	0.59	1.02	7.32	1.23
Offsite Worker	595554	4172683	5.24	3.46	8.70	1.09	0.58	1.67	0.41	0.55	0.96	7.05	1.19
Offsite Worker	595554	4172763	3.60	2.28	5.88	0.76	0.42	1.18	0.28	0.34	0.62	4.97	0.84
Offsite Worker	595554	4172783	3.21	1.91	5.12	0.68	0.35	1.03	0.25	0.29	0.54	4.47	0.75
Offsite Worker	595554	4172803	2.90	1.59	4.49	0.61	0.29	0.90	0.22	0.24	0.46	4.06	0.68
Offsite Worker	595554	4172843	2.41	1.13	3.54	0.51	0.20	0.71	0.19	0.17	0.36	3.41	0.57
Offsite Worker	595554	4172863	2.18	0.97	3.15	0.46	0.17	0.63	0.17	0.15	0.31	3.10	0.52
Offsite Worker	595554	4172883	1.97	0.85	2.82	0.42	0.15	0.57	0.15	0.13	0.28	2.82	0.48
Offsite Worker	595554	4172903	1.79	0.74	2.53	0.38	0.13	0.51	0.14	0.11	0.25	2.57	0.43
Offsite Worker	595554	4172923	1.63	0.66	2.28	0.35	0.11	0.46	0.12	0.10	0.22	2.35	0.40
Offsite Worker	595554	4172943	1.49	0.58	2.07	0.32	0.10	0.42	0.11	0.08	0.20	2.15	0.36
Offsite Worker	595554	4172963	1.36	0.52	1.88	0.29	0.09	0.38	0.10	0.08	0.18	1.98	0.33
Offsite Worker	595554	4172983	1.25	0.47	1.72	0.27	0.08	0.35	0.09	0.07	0.16	1.82	0.31
Offsite Worker	595554	4173003	1.16	0.42	1.58	0.25	0.07	0.32	0.09	0.06	0.15	1.69	0.28
Offsite Worker	595554	4173023	1.07	0.39	1.46	0.23	0.06	0.30	0.08	0.05	0.14	1.57	0.26
Offsite Worker	595554	4173043	0.99	0.35	1.35	0.22	0.06	0.27	0.08	0.05	0.12	1.46	0.25
Offsite Worker	595554	4173063	0.93	0.32	1.25	0.20	0.05	0.25	0.07	0.05	0.12	1.36	0.23
Offsite Worker	595554	4173083	0.87	0.30	1.16	0.19	0.05	0.24	0.07	0.04	0.11	1.27	0.21
Offsite Worker	595568.33	4173021.2	1.07	0.39	1.46	0.23	0.07	0.29	0.08	0.06	0.14	1.55	0.26
Offsite Worker	595574	4171743	0.87	0.16	1.04	0.14	0.02	0.16	0.09	0.02	0.10	0.52	0.09
Offsite Worker	595574	4171763	0.97	0.18	1.15	0.15	0.02	0.17	0.10	0.02	0.12	0.57	0.10
Offsite Worker	595574	4171783	1.07	0.19	1.26	0.17	0.02	0.19	0.11	0.02	0.13	0.61	0.10
Offsite Worker	595574	4171803	1.23	0.21	1.44	0.19	0.02	0.21	0.12	0.02	0.15	0.67	0.11
Offsite Worker	595574	4171823	1.39	0.23	1.62	0.21	0.03	0.24	0.14	0.02	0.17	0.73	0.12
Offsite Worker	595574	4171843	1.63	0.26	1.88	0.25	0.03	0.28	0.17	0.03	0.19	0.82	0.14
Offsite Worker	595574	4171863	1.84	0.28	2.12	0.28	0.03	0.31	0.19	0.03	0.22	0.91	0.15
Offsite Worker	595574	4171883	2.18	0.31	2.49	0.32	0.04	0.36	0.23	0.03	0.26	1.03	0.17
Offsite Worker	595574	4171903	2.67	0.36	3.03	0.39	0.04	0.43	0.28	0.04	0.31	1.20	0.20
Offsite Worker	595574	4171923	3.30	0.41	3.71	0.48	0.05	0.53	0.35	0.04	0.39	1.40	0.24
Offsite Worker	595574	4171943	4.24	0.48	4.71	0.61	0.06	0.66	0.45	0.05	0.49	1.67	0.28
Offsite Worker	595574	4171963	5.65	0.57	6.22	0.80	0.07	0.87	0.60	0.05	0.66	2.04	0.34
Offsite Worker	595574	4171983	7.97	0.69	8.66	1.10	0.09	1.19	0.86	0.07	0.92	2.57	0.43
Offsite Worker	595574	4172643	5.20	3.50	8.70	1.08	0.58	1.65	0.41	0.55	0.96	6.90	1.16

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			**Cancer Risks Scenario 2: Full Operation Scenario**	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595574	4172663	4.96	3.24	8.20	1.03	0.54	1.56	0.39	0.51	0.90	6.62	1.11
Offsite Worker	595574	4172683	4.70	3.02	7.71	0.98	0.51	1.48	0.37	0.47	0.84	6.30	1.06
Offsite Worker	595574	4172763	3.27	1.99	5.26	0.69	0.36	1.04	0.26	0.30	0.56	4.50	0.76
Offsite Worker	595574	4172783	2.94	1.71	4.65	0.62	0.30	0.92	0.23	0.26	0.49	4.07	0.69
Offsite Worker	595574	4172803	2.67	1.46	4.13	0.56	0.26	0.82	0.21	0.22	0.43	3.72	0.63
Offsite Worker	595574	4172823	2.45	1.26	3.70	0.52	0.22	0.74	0.19	0.19	0.38	3.42	0.58
Offsite Worker	595574	4172843	2.25	1.09	3.34	0.48	0.19	0.67	0.17	0.16	0.34	3.16	0.53
Offsite Worker	595574	4172863	2.07	0.95	3.02	0.44	0.16	0.60	0.16	0.14	0.30	2.92	0.49
Offsite Worker	595574	4172883	1.89	0.83	2.72	0.40	0.14	0.54	0.15	0.12	0.27	2.68	0.45
Offsite Worker	595574	4172903	1.73	0.73	2.46	0.37	0.12	0.49	0.13	0.11	0.24	2.45	0.41
Offsite Worker	595574	4172923	1.58	0.65	2.23	0.34	0.11	0.45	0.12	0.10	0.22	2.25	0.38
Offsite Worker	595574	4172943	1.45	0.58	2.03	0.31	0.10	0.41	0.11	0.08	0.19	2.07	0.35
Offsite Worker	595574	4172963	1.33	0.52	1.86	0.29	0.09	0.37	0.10	0.08	0.18	1.91	0.32
Offsite Worker	595574	4172983	1.23	0.47	1.70	0.26	0.08	0.34	0.09	0.07	0.16	1.77	0.30
Offsite Worker	595574	4173003	1.14	0.43	1.57	0.24	0.07	0.32	0.09	0.06	0.15	1.64	0.28
Offsite Worker	595574	4173023	1.06	0.39	1.45	0.23	0.06	0.29	0.08	0.06	0.14	1.53	0.26
Offsite Worker	595574	4173043	0.98	0.36	1.34	0.21	0.06	0.27	0.07	0.05	0.13	1.43	0.24
Offsite Worker	595574	4173063	0.92	0.33	1.25	0.20	0.05	0.25	0.07	0.05	0.12	1.33	0.22
Offsite Worker	595574	4173083	0.86	0.30	1.16	0.19	0.05	0.23	0.07	0.04	0.11	1.25	0.21
Offsite Worker	595594	4171743	0.86	0.16	1.02	0.14	0.02	0.15	0.09	0.02	0.10	0.52	0.09
Offsite Worker	595594	4171763	0.96	0.17	1.13	0.15	0.02	0.17	0.10	0.02	0.11	0.57	0.10
Offsite Worker	595594	4171783	1.06	0.18	1.24	0.16	0.02	0.19	0.11	0.02	0.12	0.62	0.10
Offsite Worker	595594	4171803	1.22	0.21	1.43	0.19	0.02	0.21	0.12	0.02	0.14	0.68	0.11
Offsite Worker	595594	4171823	1.38	0.23	1.61	0.21	0.03	0.24	0.14	0.02	0.16	0.74	0.12
Offsite Worker	595594	4171843	1.59	0.25	1.84	0.24	0.03	0.27	0.16	0.03	0.19	0.82	0.14
Offsite Worker	595594	4171863	1.81	0.27	2.08	0.27	0.03	0.31	0.19	0.03	0.21	0.92	0.16
Offsite Worker	595594	4171883	2.14	0.31	2.45	0.32	0.04	0.36	0.22	0.03	0.25	1.05	0.18
Offsite Worker	595594	4171903	2.62	0.35	2.97	0.39	0.04	0.43	0.27	0.03	0.31	1.21	0.20
Offsite Worker	595594	4171923	3.25	0.41	3.66	0.48	0.05	0.52	0.34	0.04	0.38	1.42	0.24
Offsite Worker	595594	4171943	4.17	0.48	4.65	0.60	0.06	0.66	0.44	0.05	0.48	1.72	0.29
Offsite Worker	595594	4171963	5.61	0.57	6.18	0.80	0.07	0.87	0.59	0.05	0.65	2.14	0.36
Offsite Worker	595594	4172783	2.72	1.55	4.27	0.57	0.27	0.84	0.21	0.23	0.44	3.75	0.63
Offsite Worker	595594	4172803	2.48	1.35	3.82	0.52	0.23	0.75	0.19	0.20	0.39	3.43	0.58
Offsite Worker	595594	4172823	2.28	1.18	3.46	0.48	0.20	0.68	0.18	0.18	0.35	3.17	0.53
Offsite Worker	595594	4172863	1.96	0.92	2.87	0.41	0.16	0.57	0.15	0.14	0.29	2.74	0.46
Offsite Worker	595594	4172883	1.80	0.81	2.61	0.38	0.14	0.52	0.14	0.12	0.26	2.53	0.43

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential: 1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years

OffsiteWorke: 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years

OnsiteWorke: 9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			Cancer Risks Scenario 2: Full Operation Scenario	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595594	4172903	1.66	0.72	2.38	0.35	0.12	0.47	0.13	0.11	0.23	2.34	0.39
Offsite Worker	595594	4172923	1.53	0.64	2.17	0.32	0.11	0.43	0.12	0.09	0.21	2.16	0.36
Offsite Worker	595594	4172943	1.41	0.58	1.99	0.30	0.10	0.40	0.11	0.08	0.19	1.99	0.34
Offsite Worker	595594	4172963	1.30	0.52	1.82	0.28	0.09	0.36	0.10	0.08	0.18	1.85	0.31
Offsite Worker	595594	4172983	1.20	0.47	1.68	0.26	0.08	0.34	0.09	0.07	0.16	1.71	0.29
Offsite Worker	595594	4173003	1.12	0.43	1.55	0.24	0.07	0.31	0.09	0.06	0.15	1.60	0.27
Offsite Worker	595594	4173023	1.04	0.40	1.44	0.22	0.06	0.29	0.08	0.06	0.14	1.49	0.25
Offsite Worker	595614	4171743	0.86	0.16	1.02	0.14	0.02	0.15	0.09	0.02	0.10	0.53	0.09
Offsite Worker	595614	4171763	0.96	0.17	1.13	0.15	0.02	0.17	0.10	0.02	0.11	0.58	0.10
Offsite Worker	595614	4171783	1.05	0.18	1.23	0.16	0.02	0.19	0.10	0.02	0.12	0.62	0.10
Offsite Worker	595614	4171803	1.21	0.20	1.42	0.19	0.02	0.21	0.12	0.02	0.14	0.69	0.12
Offsite Worker	595614	4171823	1.38	0.23	1.61	0.21	0.03	0.24	0.14	0.02	0.16	0.76	0.13
Offsite Worker	595614	4171843	1.60	0.25	1.85	0.24	0.03	0.27	0.16	0.03	0.19	0.84	0.14
Offsite Worker	595614	4171863	1.79	0.27	2.06	0.27	0.03	0.30	0.18	0.03	0.21	0.94	0.16
Offsite Worker	595614	4171883	2.12	0.31	2.43	0.32	0.04	0.36	0.22	0.03	0.25	1.07	0.18
Offsite Worker	595614	4171903	2.60	0.35	2.95	0.39	0.04	0.43	0.27	0.03	0.30	1.24	0.21
Offsite Worker	595614	4171923	3.25	0.41	3.67	0.48	0.05	0.53	0.34	0.04	0.38	1.47	0.25
Offsite Worker	595614	4171943	4.20	0.49	4.69	0.61	0.06	0.67	0.44	0.05	0.49	1.79	0.30
Offsite Worker	595614	4171963	5.74	0.59	6.33	0.82	0.07	0.90	0.61	0.06	0.66	2.27	0.38
Offsite Worker	595614	4172783	2.54	1.42	3.96	0.53	0.24	0.77	0.20	0.21	0.41	3.47	0.58
Offsite Worker	595614	4172803	2.32	1.25	3.58	0.49	0.21	0.70	0.18	0.19	0.37	3.19	0.54
Offsite Worker	595614	4172823	2.14	1.11	3.25	0.45	0.19	0.64	0.17	0.16	0.33	2.95	0.50
Offsite Worker	595614	4172863	1.85	0.88	2.74	0.39	0.15	0.54	0.14	0.13	0.27	2.57	0.43
Offsite Worker	595614	4172883	1.72	0.79	2.51	0.36	0.13	0.49	0.13	0.11	0.25	2.39	0.40
Offsite Worker	595614	4172903	1.60	0.70	2.30	0.34	0.12	0.45	0.12	0.10	0.23	2.22	0.37
Offsite Worker	595614	4172923	1.48	0.64	2.11	0.31	0.11	0.42	0.11	0.09	0.21	2.07	0.35
Offsite Worker	595614	4172943	1.37	0.57	1.94	0.29	0.09	0.38	0.11	0.08	0.19	1.92	0.32
Offsite Worker	595614	4172963	1.27	0.52	1.79	0.27	0.09	0.35	0.10	0.07	0.17	1.78	0.30
Offsite Worker	595614	4172983	1.18	0.47	1.65	0.25	0.08	0.33	0.09	0.07	0.16	1.66	0.28
Offsite Worker	595616.96	4172890.8	1.66	0.75	2.41	0.35	0.12	0.48	0.13	0.11	0.24	2.31	0.39
Offsite Worker	595634	4171743	0.85	0.15	1.00	0.14	0.02	0.15	0.08	0.02	0.10	0.54	0.09
Offsite Worker	595634	4171763	0.96	0.17	1.12	0.15	0.02	0.17	0.10	0.02	0.11	0.58	0.10
Offsite Worker	595634	4171783	1.07	0.18	1.25	0.17	0.02	0.19	0.11	0.02	0.13	0.64	0.11
Offsite Worker	595634	4171803	1.21	0.20	1.41	0.19	0.02	0.21	0.12	0.02	0.14	0.70	0.12
Offsite Worker	595634	4171823	1.38	0.22	1.60	0.21	0.03	0.24	0.14	0.02	0.16	0.77	0.13
Offsite Worker	595634	4171843	1.60	0.25	1.85	0.24	0.03	0.27	0.16	0.03	0.19	0.86	0.15

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			**Cancer Risks Scenario 2: Full Operation Scenario**	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595634	4171863	1.83	0.28	2.11	0.28	0.03	0.31	0.19	0.03	0.21	0.97	0.16
Offsite Worker	595634	4171883	2.13	0.31	2.44	0.32	0.04	0.36	0.22	0.03	0.25	1.10	0.19
Offsite Worker	595634	4171903	2.60	0.36	2.96	0.39	0.04	0.43	0.27	0.04	0.30	1.28	0.22
Offsite Worker	595634	4171923	3.32	0.43	3.74	0.49	0.05	0.54	0.34	0.04	0.39	1.53	0.26
Offsite Worker	595634	4171943	4.35	0.51	4.86	0.64	0.06	0.70	0.45	0.05	0.50	1.88	0.32
Offsite Worker	595634	4171963	6.10	0.63	6.72	0.88	0.08	0.95	0.64	0.06	0.70	2.41	0.41
Offsite Worker	595634	4172783	2.39	1.31	3.70	0.50	0.22	0.72	0.19	0.19	0.38	3.24	0.54
Offsite Worker	595634	4172803	2.19	1.17	3.37	0.46	0.20	0.65	0.17	0.17	0.35	2.98	0.50
Offsite Worker	595634	4172823	2.02	1.05	3.07	0.42	0.17	0.60	0.16	0.15	0.31	2.76	0.46
Offsite Worker	595634	4172843	1.88	0.94	2.82	0.39	0.16	0.55	0.15	0.14	0.28	2.57	0.43
Offsite Worker	595634	4172883	1.64	0.76	2.40	0.35	0.13	0.47	0.13	0.11	0.24	2.26	0.38
Offsite Worker	595634	4172903	1.53	0.69	2.22	0.32	0.11	0.44	0.12	0.10	0.22	2.12	0.36
Offsite Worker	595634	4172923	1.43	0.62	2.05	0.30	0.10	0.40	0.11	0.09	0.20	1.98	0.33
Offsite Worker	595634	4172943	1.33	0.57	1.89	0.28	0.09	0.37	0.10	0.08	0.18	1.84	0.31
Fenceline	595637.78	4172033.6	32.85	1.67	34.52	4.34	0.24	4.59	3.62	0.14	3.77	7.53	1.27
Offsite Worker	595654	4171743	0.86	0.15	1.01	0.14	0.02	0.15	0.08	0.02	0.10	0.54	0.09
Offsite Worker	595654	4171763	0.95	0.17	1.12	0.15	0.02	0.17	0.09	0.02	0.11	0.59	0.10
Offsite Worker	595654	4171783	1.07	0.18	1.25	0.17	0.02	0.19	0.11	0.02	0.13	0.65	0.11
Offsite Worker	595654	4171803	1.19	0.20	1.39	0.19	0.02	0.21	0.12	0.02	0.14	0.71	0.12
Offsite Worker	595654	4171823	1.39	0.23	1.62	0.22	0.03	0.24	0.14	0.02	0.16	0.79	0.13
Offsite Worker	595654	4171843	1.62	0.26	1.87	0.25	0.03	0.28	0.16	0.03	0.19	0.89	0.15
Offsite Worker	595654	4171863	1.91	0.29	2.20	0.29	0.03	0.33	0.19	0.03	0.22	1.01	0.17
Offsite Worker	595654	4171883	2.22	0.32	2.55	0.34	0.04	0.38	0.23	0.03	0.26	1.16	0.19
Offsite Worker	595654	4171903	2.71	0.37	3.08	0.41	0.04	0.45	0.28	0.04	0.31	1.35	0.23
Offsite Worker	595654	4171923	3.45	0.45	3.90	0.51	0.05	0.57	0.36	0.04	0.40	1.61	0.27
Offsite Worker	595654	4171943	4.60	0.54	5.14	0.67	0.07	0.74	0.48	0.05	0.53	1.98	0.33
Offsite Worker	595654	4171963	6.47	0.67	7.14	0.93	0.08	1.01	0.68	0.06	0.75	2.51	0.42
Offsite Worker	595654	4172803	2.08	1.10	3.18	0.43	0.18	0.61	0.16	0.16	0.33	2.80	0.47
Offsite Worker	595654	4172823	1.92	1.00	2.91	0.40	0.16	0.56	0.15	0.15	0.30	2.60	0.44
Offsite Worker	595654	4172843	1.78	0.90	2.68	0.37	0.15	0.52	0.14	0.13	0.27	2.42	0.41
Offsite Worker	595654	4172883	1.57	0.74	2.31	0.33	0.12	0.45	0.12	0.11	0.23	2.14	0.36
Offsite Worker	595674	4171743	0.86	0.15	1.01	0.14	0.02	0.16	0.08	0.02	0.10	0.55	0.09
Offsite Worker	595674	4171763	0.96	0.17	1.12	0.15	0.02	0.17	0.09	0.02	0.11	0.60	0.10
Offsite Worker	595674	4171783	1.08	0.18	1.26	0.17	0.02	0.19	0.11	0.02	0.13	0.66	0.11
Offsite Worker	595674	4171803	1.20	0.20	1.39	0.19	0.02	0.21	0.12	0.02	0.14	0.73	0.12
Offsite Worker	595674	4171823	1.41	0.23	1.64	0.22	0.03	0.25	0.14	0.02	0.16	0.82	0.14

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			**Cancer Risks Scenario 2: Full Operation Scenario**	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595674	4171843	1.60	0.25	1.86	0.25	0.03	0.28	0.16	0.03	0.19	0.92	0.16
Offsite Worker	595674	4171863	1.88	0.29	2.17	0.29	0.03	0.32	0.19	0.03	0.22	1.05	0.18
Offsite Worker	595674	4171883	2.28	0.33	2.61	0.35	0.04	0.39	0.23	0.03	0.26	1.21	0.20
Offsite Worker	595674	4171903	2.85	0.40	3.24	0.43	0.05	0.48	0.29	0.04	0.33	1.41	0.24
Offsite Worker	595674	4171923	3.67	0.48	4.15	0.54	0.06	0.60	0.38	0.05	0.43	1.69	0.28
Offsite Worker	595674	4171943	4.91	0.58	5.49	0.71	0.07	0.78	0.51	0.06	0.57	2.06	0.35
Offsite Worker	595674	4171963	6.79	0.72	7.51	0.97	0.09	1.06	0.72	0.07	0.79	2.58	0.43
Offsite Worker	595674	4172803	1.97	1.04	3.02	0.41	0.17	0.58	0.16	0.15	0.31	2.64	0.44
Offsite Worker	595674	4172823	1.83	0.95	2.78	0.38	0.15	0.53	0.14	0.14	0.28	2.46	0.41
Offsite Worker	595674	4172843	1.70	0.86	2.56	0.35	0.14	0.49	0.13	0.12	0.26	2.29	0.39
Offsite Worker	595694	4171743	0.87	0.15	1.02	0.14	0.02	0.16	0.09	0.02	0.10	0.57	0.10
Offsite Worker	595694	4171763	0.95	0.16	1.11	0.15	0.02	0.17	0.09	0.02	0.11	0.62	0.10
Offsite Worker	595694	4171783	1.07	0.18	1.25	0.17	0.02	0.19	0.11	0.02	0.12	0.68	0.11
Offsite Worker	595694	4171803	1.21	0.20	1.41	0.19	0.02	0.22	0.12	0.02	0.14	0.76	0.13
Offsite Worker	595694	4171823	1.40	0.23	1.63	0.22	0.03	0.25	0.14	0.02	0.16	0.85	0.14
Offsite Worker	595694	4171843	1.66	0.26	1.93	0.26	0.03	0.29	0.17	0.03	0.19	0.96	0.16
Offsite Worker	595694	4171863	2.04	0.31	2.35	0.31	0.04	0.35	0.21	0.03	0.24	1.11	0.19
Offsite Worker	595694	4171883	2.49	0.36	2.85	0.38	0.04	0.42	0.25	0.04	0.29	1.28	0.22
Offsite Worker	595694	4171903	3.03	0.43	3.46	0.45	0.05	0.51	0.31	0.04	0.35	1.49	0.25
Offsite Worker	595694	4171923	3.87	0.51	4.38	0.57	0.06	0.63	0.40	0.05	0.45	1.77	0.30
Offsite Worker	595694	4171943	5.14	0.63	5.77	0.74	0.08	0.82	0.54	0.06	0.60	2.14	0.36
Offsite Worker	595714	4171763	0.97	0.17	1.13	0.16	0.02	0.18	0.09	0.02	0.11	0.64	0.11
Offsite Worker	595714	4171783	1.12	0.19	1.31	0.18	0.02	0.20	0.11	0.02	0.13	0.71	0.12
Offsite Worker	595714	4171803	1.29	0.22	1.51	0.20	0.03	0.23	0.13	0.02	0.15	0.79	0.13
Offsite Worker	595714	4171823	1.50	0.25	1.75	0.24	0.03	0.26	0.15	0.02	0.17	0.89	0.15
Offsite Worker	595714	4171843	1.77	0.28	2.06	0.28	0.03	0.31	0.18	0.03	0.21	1.01	0.17
Offsite Worker	595714	4171863	2.12	0.33	2.45	0.33	0.04	0.36	0.21	0.03	0.25	1.15	0.19
Offsite Worker	595714	4171883	2.62	0.39	3.01	0.40	0.05	0.44	0.27	0.04	0.31	1.34	0.23
Offsite Worker	595714	4171903	3.26	0.48	3.75	0.49	0.06	0.54	0.34	0.05	0.38	1.56	0.26
Offsite Worker	595734	4171763	1.02	0.18	1.19	0.16	0.02	0.18	0.10	0.02	0.12	0.67	0.11
Offsite Worker	595734	4171783	1.16	0.20	1.35	0.19	0.02	0.21	0.11	0.02	0.13	0.74	0.12
Offsite Worker	595734	4171803	1.32	0.22	1.55	0.21	0.03	0.24	0.13	0.02	0.15	0.83	0.14
Offsite Worker	595734	4171823	1.55	0.26	1.80	0.24	0.03	0.27	0.15	0.03	0.18	0.93	0.16
Offsite Worker	595734	4171843	1.83	0.30	2.13	0.28	0.03	0.32	0.18	0.03	0.21	1.05	0.18
Offsite Worker	595734	4171863	2.20	0.35	2.54	0.34	0.04	0.38	0.22	0.03	0.26	1.20	0.20
Offsite Worker	595734	4171883	2.70	0.41	3.12	0.41	0.05	0.46	0.28	0.04	0.32	1.39	0.23

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			Cancer Risks Scenario 2: Full Operation Scenario	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595734	4171903	3.36	0.50	3.86	0.50	0.06	0.56	0.35	0.05	0.39	1.62	0.27
Offsite Worker	595754	4171763	1.04	0.18	1.22	0.17	0.02	0.19	0.10	0.02	0.12	0.69	0.12
Offsite Worker	595754	4171783	1.18	0.20	1.38	0.19	0.02	0.21	0.12	0.02	0.14	0.77	0.13
Offsite Worker	595754	4171803	1.36	0.23	1.59	0.22	0.03	0.24	0.13	0.02	0.16	0.86	0.14
Offsite Worker	595754	4171823	1.60	0.27	1.87	0.25	0.03	0.28	0.16	0.03	0.19	0.97	0.16
Offsite Worker	595754	4171843	1.91	0.31	2.22	0.30	0.04	0.33	0.19	0.03	0.22	1.10	0.18
Offsite Worker	595754	4171863	2.29	0.37	2.66	0.35	0.04	0.40	0.23	0.04	0.27	1.25	0.21
Offsite Worker	595754	4171883	2.79	0.44	3.23	0.42	0.05	0.48	0.28	0.04	0.33	1.45	0.24
Offsite Worker	595754	4171903	3.46	0.54	3.99	0.52	0.06	0.58	0.36	0.05	0.41	1.69	0.28
Offsite Worker	595754	4171923	4.27	0.66	4.94	0.63	0.08	0.71	0.44	0.06	0.51	1.98	0.33
Offsite Worker	595774	4171783	1.23	0.22	1.44	0.20	0.03	0.22	0.12	0.02	0.14	0.80	0.13
Offsite Worker	595774	4171863	2.37	0.40	2.77	0.37	0.05	0.41	0.24	0.04	0.28	1.30	0.22
Offsite Worker	595774	4171883	2.86	0.47	3.34	0.44	0.05	0.49	0.29	0.05	0.34	1.50	0.25
Offsite Worker	595774	4171903	3.49	0.57	4.07	0.53	0.07	0.59	0.36	0.06	0.41	1.74	0.29
Offsite Worker	595774	4171923	4.26	0.70	4.95	0.63	0.08	0.71	0.44	0.07	0.51	2.03	0.34
Offsite Worker	595782.4	4171913.2	3.86	0.65	4.50	0.58	0.07	0.65	0.40	0.06	0.46	1.90	0.32
Offsite Worker	595790.49	4171877.8	2.76	0.47	3.23	0.42	0.05	0.48	0.28	0.05	0.33	1.48	0.25
Offsite Worker	595794	4171863	2.44	0.42	2.86	0.38	0.05	0.43	0.25	0.04	0.29	1.35	0.23
Offsite Worker	595794	4171883	2.90	0.50	3.40	0.44	0.06	0.50	0.30	0.05	0.34	1.54	0.26
Offsite Worker	595794	4171903	3.50	0.61	4.10	0.53	0.07	0.60	0.36	0.06	0.42	1.77	0.30
Offsite Worker	595794	4171923	4.19	0.73	4.92	0.63	0.08	0.71	0.43	0.07	0.50	2.05	0.35
Offsite Worker	595814	4171863	2.48	0.45	2.92	0.38	0.05	0.43	0.25	0.04	0.29	1.38	0.23
Offsite Worker	595814	4171883	2.93	0.53	3.46	0.45	0.06	0.51	0.30	0.05	0.35	1.57	0.26
Offsite Worker	595814	4171903	3.47	0.63	4.10	0.53	0.07	0.60	0.35	0.06	0.41	1.80	0.30
Offsite Worker	595814	4171923	4.09	0.76	4.85	0.62	0.09	0.70	0.42	0.07	0.49	2.06	0.35
Offsite Worker	595826.59	4171700.4	0.80	0.15	0.95	0.13	0.02	0.15	0.08	0.02	0.09	0.58	0.10
Offsite Residential	595832.66	4171885.3	2.97	0.56	3.53	0.46	0.06	0.52	0.30	0.05	0.36	1.61	0.27
Offsite Residential	595832.66	4171905.3	3.47	0.67	4.14	0.53	0.08	0.60	0.35	0.06	0.42	1.83	0.31
Offsite Residential	595832.66	4171925.3	4.04	0.79	4.83	0.61	0.09	0.70	0.41	0.08	0.49	2.07	0.35
Offsite Residential	595852.66	4171825.3	1.89	0.36	2.25	0.30	0.04	0.34	0.19	0.04	0.22	1.15	0.19
Offsite Residential	595852.66	4171845.3	2.18	0.42	2.61	0.34	0.05	0.39	0.22	0.04	0.26	1.28	0.22
Offsite Residential	595852.66	4171865.3	2.53	0.50	3.03	0.39	0.06	0.45	0.26	0.05	0.30	1.44	0.24
Offsite Residential	595852.66	4171885.3	2.94	0.58	3.52	0.45	0.07	0.52	0.30	0.06	0.35	1.62	0.27
Offsite Residential	595852.66	4171905.3	3.39	0.69	4.07	0.52	0.08	0.60	0.34	0.07	0.41	1.82	0.31
Offsite Residential	595852.66	4171925.3	3.89	0.81	4.69	0.59	0.09	0.68	0.40	0.08	0.47	2.04	0.34
Offsite Residential	595852.66	4171945.3	4.40	0.95	5.36	0.67	0.11	0.77	0.45	0.09	0.54	2.28	0.38

Cancer Risks Scenario 1: Construction + Operation Scenario

Operational Contribution

Residential	1.25 yrs * Phase 1 operation_2021_Age 0<2 Years + 8.5 yrs * Phase 1 operation_2021_Age 2<16 Years + 5.5 yrs * Full operation_2031_Age 2<16 Years + 13.75 yrs * Full operation_2031_Age 16<30 Years
OffsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years + 14.25 yrs * Full operation_2031_Age 16<70 Years
OnsiteWorke	9.75 yrs * Phase 1 operation_2021_Age 16<70 Years

			Residential			Offsite Worker			Onsite Worker			Cancer Risks Scenario 2: Full Operation Scenario	
Receptor Type	X	Y	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Operational Contribution	Construction Contribution	Total	Residential	OffsiteWorker
Offsite Worker	595857.85	4171568.4	0.45	0.08	0.53	0.08	0.01	0.09	0.04	0.01	0.05	0.37	0.06
Offsite Residential	595872.66	4171865.3	2.52	0.52	3.03	0.39	0.06	0.45	0.25	0.05	0.30	1.45	0.24
Offsite Residential	595872.66	4171885.3	2.88	0.60	3.49	0.45	0.07	0.51	0.29	0.06	0.35	1.61	0.27
Offsite Residential	595872.66	4171905.3	3.28	0.71	3.99	0.51	0.08	0.58	0.33	0.07	0.40	1.80	0.30
Offsite Residential	595872.66	4171925.3	3.72	0.82	4.54	0.57	0.09	0.66	0.38	0.08	0.46	2.00	0.34
Offsite Residential	595872.66	4171945.3	4.17	0.95	5.12	0.64	0.11	0.74	0.42	0.09	0.52	2.21	0.37
Offsite Residential	595892.66	4171865.3	2.48	0.53	3.02	0.39	0.06	0.45	0.25	0.05	0.30	1.45	0.24
Offsite Residential	595892.66	4171885.3	2.82	0.62	3.43	0.44	0.07	0.51	0.28	0.06	0.34	1.60	0.27
Offsite Residential	595892.66	4171905.3	3.17	0.72	3.89	0.49	0.08	0.57	0.32	0.07	0.39	1.77	0.30
Offsite Residential	595892.66	4171925.3	3.55	0.83	4.38	0.55	0.09	0.64	0.36	0.08	0.44	1.95	0.33
Offsite Residential	595892.66	4171945.3	3.94	0.95	4.89	0.60	0.10	0.71	0.40	0.09	0.49	2.14	0.36
Offsite Residential	595912.66	4171905.3	3.06	0.72	3.78	0.47	0.08	0.55	0.31	0.07	0.38	1.74	0.29
Offsite Residential	595912.66	4171925.3	3.38	0.83	4.21	0.52	0.09	0.61	0.34	0.08	0.42	1.90	0.32
Offsite Residential	595912.66	4171945.3	3.71	0.95	4.66	0.57	0.10	0.68	0.37	0.09	0.47	2.06	0.35
Offsite Residential	595932.66	4171945.3	3.49	0.94	4.43	0.54	0.10	0.65	0.35	0.09	0.44	1.99	0.34
Offsite Worker	596059.85	4172738.9	1.08	0.55	1.63	0.21	0.08	0.29	0.09	0.07	0.16	1.25	0.21

A.4.3 Annual Average PM2.5 GLC Concentrations

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Offsite Worker	595574	4171743	0.00245	0.00202	0.00019	0.0008	0.00221
Offsite Worker	595594	4171743	0.00239	0.00198	0.00019	0.0008	0.00217
Offsite Worker	595614	4171743	0.00235	0.00198	0.00019	0.00081	0.00217
Offsite Worker	595634	4171743	0.00228	0.00195	0.00019	0.00082	0.00214
Offsite Worker	595654	4171743	0.00227	0.00195	0.00019	0.00083	0.00214
Offsite Worker	595674	4171743	0.00226	0.00195	0.0002	0.00084	0.00215
Offsite Worker	595694	4171743	0.00225	0.00196	0.0002	0.00087	0.00216
Offsite Worker	595534	4171763	0.00274	0.00231	0.00022	0.00087	0.00253
Offsite Worker	595554	4171763	0.00265	0.00223	0.00021	0.00086	0.00244
Offsite Worker	595574	4171763	0.00262	0.00225	0.00021	0.00087	0.00246
Offsite Worker	595594	4171763	0.00256	0.00222	0.00021	0.00087	0.00243
Offsite Worker	595614	4171763	0.0025	0.00221	0.00021	0.00088	0.00242
Offsite Worker	595634	4171763	0.00246	0.0022	0.00021	0.00089	0.00241
Offsite Worker	595654	4171763	0.00245	0.00218	0.00022	0.0009	0.0024
Offsite Worker	595674	4171763	0.00244	0.00218	0.00023	0.00092	0.00241
Offsite Worker	595694	4171763	0.0024	0.00215	0.00023	0.00095	0.00238
Offsite Worker	595714	4171763	0.00242	0.00218	0.00024	0.00098	0.00242
Offsite Worker	595734	4171763	0.00252	0.00229	0.00026	0.00102	0.00255
Offsite Worker	595754	4171763	0.00258	0.00234	0.00028	0.00106	0.00262
Offsite Worker	595534	4171783	0.00292	0.00256	0.00025	0.00094	0.00281
Offsite Worker	595554	4171783	0.00284	0.00252	0.00024	0.00094	0.00276
Offsite Worker	595574	4171783	0.00278	0.00249	0.00024	0.00094	0.00273
Offsite Worker	595594	4171783	0.0027	0.00245	0.00023	0.00095	0.00268
Offsite Worker	595614	4171783	0.00265	0.00242	0.00023	0.00095	0.00265
Offsite Worker	595634	4171783	0.00265	0.00247	0.00024	0.00098	0.00271
Offsite Worker	595654	4171783	0.00264	0.00246	0.00025	0.00099	0.00271
Offsite Worker	595674	4171783	0.00265	0.00247	0.00026	0.00102	0.00273
Offsite Worker	595694	4171783	0.0026	0.00242	0.00026	0.00105	0.00268
Offsite Worker	595714	4171783	0.0027	0.00255	0.00029	0.00109	0.00284
Offsite Worker	595734	4171783	0.00277	0.00262	0.00031	0.00114	0.00293
Offsite Worker	595754	4171783	0.00284	0.00267	0.00032	0.00118	0.00299
Offsite Worker	595774	4171783	0.00295	0.00278	0.00034	0.00122	0.00312
Offsite Worker	595534	4171803	0.00314	0.00291	0.00028	0.00103	0.00319
Offsite Worker	595554	4171803	0.00305	0.00285	0.00027	0.00103	0.00312
Offsite Worker	595574	4171803	0.00302	0.00289	0.00027	0.00104	0.00316
Offsite Worker	595594	4171803	0.00296	0.00285	0.00027	0.00105	0.00312
Offsite Worker	595614	4171803	0.00291	0.00282	0.00027	0.00106	0.00309
Offsite Worker	595634	4171803	0.00286	0.00281	0.00028	0.00108	0.00309
Offsite Worker	595654	4171803	0.00282	0.00275	0.00028	0.00109	0.00303
Offsite Worker	595674	4171803	0.00282	0.00274	0.0003	0.00112	0.00304
Offsite Worker	595694	4171803	0.00285	0.00277	0.00031	0.00116	0.00308
Offsite Worker	595714	4171803	0.00301	0.00295	0.00035	0.00122	0.0033
Offsite Worker	595734	4171803	0.00306	0.00303	0.00037	0.00127	0.0034
Offsite Worker	595754	4171803	0.00314	0.00309	0.00038	0.00132	0.00347
Offsite Worker	595514	4171823	0.00352	0.0035	0.00033	0.00116	0.00383
Offsite Worker	595534	4171823	0.00339	0.00334	0.00031	0.00114	0.00365
Offsite Worker	595554	4171823	0.0033	0.00329	0.00031	0.00114	0.0036
Offsite Worker	595574	4171823	0.00326	0.00329	0.00031	0.00114	0.0036
Offsite Worker	595594	4171823	0.0032	0.00325	0.00031	0.00115	0.00356
Offsite Worker	595614	4171823	0.00316	0.00324	0.00032	0.00117	0.00356
Offsite Worker	595634	4171823	0.00314	0.00322	0.00033	0.00119	0.00355
Offsite Worker	595654	4171823	0.00315	0.00323	0.00035	0.00123	0.00358
Offsite Worker	595674	4171823	0.00315	0.00328	0.00037	0.00127	0.00365
Offsite Worker	595694	4171823	0.00315	0.00323	0.00038	0.00131	0.00361
Offsite Worker	595714	4171823	0.00336	0.00346	0.00042	0.00137	0.00388
Offsite Worker	595734	4171823	0.00342	0.00356	0.00044	0.00143	0.004
Offsite Worker	595754	4171823	0.00355	0.00368	0.00047	0.00149	0.00415
Offsite Worker	595514	4171843	0.00381	0.00405	0.00038	0.00129	0.00443
Offsite Worker	595534	4171843	0.00368	0.00389	0.00036	0.00128	0.00425
Offsite Worker	595554	4171843	0.00357	0.00381	0.00035	0.00127	0.00416
Offsite Worker	595574	4171843	0.00355	0.00387	0.00036	0.00129	0.00423
Offsite Worker	595594	4171843	0.00348	0.00377	0.00037	0.00128	0.00414

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Offsite Worker	595614	4171843	0.00345	0.00376	0.00038	0.00131	0.00414
Offsite Worker	595634	4171843	0.00345	0.00375	0.0004	0.00134	0.00415
Offsite Worker	595654	4171843	0.00347	0.00378	0.00042	0.00138	0.0042
Offsite Worker	595674	4171843	0.00343	0.00373	0.00043	0.00143	0.00416
Offsite Worker	595694	4171843	0.00353	0.00386	0.00047	0.00149	0.00433
Offsite Worker	595714	4171843	0.00374	0.00413	0.00051	0.00157	0.00464
Offsite Worker	595734	4171843	0.00386	0.00425	0.00054	0.00163	0.00479
Offsite Worker	595754	4171843	0.00404	0.00442	0.00057	0.0017	0.00499
Offsite Worker	595514	4171863	0.00414	0.00476	0.00044	0.00145	0.0052
Offsite Worker	595534	4171863	0.00401	0.0046	0.00042	0.00144	0.00502
Offsite Worker	595554	4171863	0.0039	0.00449	0.00042	0.00143	0.00491
Offsite Worker	595574	4171863	0.0038	0.00439	0.00041	0.00143	0.0048
Offsite Worker	595594	4171863	0.00372	0.0043	0.00042	0.00144	0.00472
Offsite Worker	595614	4171863	0.00368	0.00424	0.00043	0.00146	0.00467
Offsite Worker	595634	4171863	0.00372	0.00432	0.00047	0.00151	0.00479
Offsite Worker	595654	4171863	0.00387	0.0045	0.00052	0.00158	0.00502
Offsite Worker	595674	4171863	0.00381	0.0044	0.00053	0.00163	0.00493
Offsite Worker	595694	4171863	0.00404	0.00479	0.00059	0.00172	0.00538
Offsite Worker	595714	4171863	0.0042	0.00497	0.00063	0.0018	0.0056
Offsite Worker	595734	4171863	0.00439	0.00514	0.00066	0.00187	0.0058
Offsite Worker	595754	4171863	0.00463	0.00536	0.0007	0.00195	0.00606
Offsite Worker	595774	4171863	0.0049	0.00555	0.00072	0.00202	0.00627
Offsite Worker	595794	4171863	0.00518	0.0057	0.00075	0.00209	0.00645
Offsite Worker	595814	4171863	0.00545	0.00578	0.00076	0.00214	0.00654
Offsite Worker	595514	4171883	0.00456	0.00579	0.00053	0.00165	0.00632
Offsite Worker	595534	4171883	0.00442	0.00559	0.00051	0.00164	0.0061
Offsite Worker	595554	4171883	0.00428	0.00541	0.0005	0.00163	0.00591
Offsite Worker	595574	4171883	0.00417	0.00524	0.0005	0.00163	0.00574
Offsite Worker	595594	4171883	0.0041	0.00513	0.00051	0.00164	0.00564
Offsite Worker	595614	4171883	0.00407	0.00505	0.00054	0.00167	0.00559
Offsite Worker	595634	4171883	0.00409	0.00505	0.00057	0.00172	0.00562
Offsite Worker	595654	4171883	0.00421	0.00526	0.00063	0.00181	0.00589
Offsite Worker	595674	4171883	0.0043	0.00537	0.00067	0.00188	0.00604
Offsite Worker	595694	4171883	0.0046	0.00588	0.00075	0.002	0.00663
Offsite Worker	595714	4171883	0.00484	0.00619	0.00079	0.00209	0.00698
Offsite Worker	595734	4171883	0.00508	0.00639	0.00083	0.00218	0.00722
Offsite Worker	595754	4171883	0.00536	0.00658	0.00086	0.00226	0.00744
Offsite Worker	595774	4171883	0.00567	0.00675	0.00088	0.00234	0.00763
Offsite Worker	595794	4171883	0.00596	0.00682	0.00089	0.00239	0.00771
Offsite Worker	595814	4171883	0.00631	0.00688	0.0009	0.00245	0.00778
Offsite Worker	595514	4171903	0.00502	0.00712	0.00064	0.00189	0.00776
Offsite Worker	595534	4171903	0.00486	0.00679	0.00062	0.00188	0.00741
Offsite Worker	595554	4171903	0.00473	0.0066	0.00061	0.00188	0.00721
Offsite Worker	595574	4171903	0.00464	0.00647	0.00063	0.0019	0.0071
Offsite Worker	595594	4171903	0.00458	0.00633	0.00065	0.00191	0.00698
Offsite Worker	595614	4171903	0.00457	0.00624	0.00069	0.00195	0.00693
Offsite Worker	595634	4171903	0.0046	0.0062	0.00073	0.00201	0.00693
Offsite Worker	595654	4171903	0.00474	0.00645	0.0008	0.00211	0.00725
Offsite Worker	595674	4171903	0.00493	0.00677	0.00086	0.00222	0.00763
Offsite Worker	595694	4171903	0.00521	0.00722	0.00093	0.00234	0.00815
Offsite Worker	595714	4171903	0.00575	0.0078	0.00101	0.00245	0.00881
Offsite Worker	595734	4171903	0.00593	0.00801	0.00104	0.00255	0.00905
Offsite Worker	595754	4171903	0.00632	0.00823	0.00107	0.00265	0.0093
Offsite Worker	595774	4171903	0.0067	0.0083	0.00108	0.00272	0.00938
Offsite Worker	595794	4171903	0.00705	0.00829	0.00107	0.00278	0.00936
Offsite Worker	595814	4171903	0.00736	0.00819	0.00106	0.00281	0.00925
Offsite Worker	595534	4171923	0.00542	0.00858	0.00079	0.00221	0.00937
Offsite Worker	595554	4171923	0.00528	0.00828	0.00078	0.00221	0.00906
Offsite Worker	595574	4171923	0.00519	0.00807	0.00081	0.00223	0.00888
Offsite Worker	595594	4171923	0.00515	0.00792	0.00085	0.00227	0.00877
Offsite Worker	595614	4171923	0.00518	0.00788	0.00091	0.00233	0.00879
Offsite Worker	595634	4171923	0.00529	0.00799	0.00097	0.00243	0.00896

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Offsite Worker	595654	4171923	0.00546	0.0083	0.00105	0.00254	0.00935
Offsite Worker	595674	4171923	0.00574	0.00883	0.00113	0.00267	0.00996
Offsite Worker	595694	4171923	0.00606	0.00932	0.0012	0.00279	0.01052
Offsite Worker	595754	4171923	0.00755	0.01026	0.00132	0.00312	0.01158
Offsite Worker	595774	4171923	0.00793	0.01018	0.00131	0.00319	0.01149
Offsite Worker	595794	4171923	0.00828	0.01	0.00128	0.00322	0.01128
Offsite Worker	595814	4171923	0.00862	0.00972	0.00125	0.00323	0.01097
Offsite Worker	595534	4171943	0.00613	0.01127	0.00106	0.00263	0.01233
Offsite Worker	595554	4171943	0.00597	0.01073	0.00105	0.00264	0.01178
Offsite Worker	595574	4171943	0.00588	0.01045	0.00108	0.00268	0.01153
Offsite Worker	595594	4171943	0.00587	0.01024	0.00114	0.00276	0.01138
Offsite Worker	595614	4171943	0.00595	0.01025	0.00122	0.00287	0.01147
Offsite Worker	595634	4171943	0.00613	0.01059	0.00132	0.00301	0.01191
Offsite Worker	595654	4171943	0.0064	0.01119	0.00142	0.00315	0.01261
Offsite Worker	595674	4171943	0.00678	0.01193	0.00151	0.00329	0.01344
Offsite Worker	595694	4171943	0.00722	0.0125	0.00158	0.0034	0.01408
Offsite Worker	595554	4171963	0.00686	0.01453	0.00149	0.00323	0.01602
Offsite Worker	595574	4171963	0.00679	0.01406	0.00154	0.00331	0.0156
Offsite Worker	595594	4171963	0.00684	0.01389	0.00162	0.00346	0.01551
Offsite Worker	595614	4171963	0.00699	0.01414	0.00173	0.00368	0.01587
Offsite Worker	595634	4171963	0.00728	0.015	0.00185	0.0039	0.01685
Offsite Worker	595654	4171963	0.00765	0.01592	0.00197	0.00405	0.01789
Offsite Worker	595674	4171963	0.00815	0.0167	0.00206	0.00414	0.01876
Offsite Worker	595574	4171983	0.00802	0.02	0.00233	0.00417	0.02233
Offsite Worker	595074	4172423	0.04426	0.00306	0.00059	0.00346	0.00365
Offsite Worker	595094	4172423	0.04831	0.00331	0.0006	0.00373	0.00391
Offsite Worker	595074	4172443	0.04418	0.003	0.00063	0.00344	0.00363
Offsite Worker	595094	4172443	0.04852	0.00325	0.00062	0.00371	0.00387
Offsite Worker	595114	4172443	0.05337	0.00354	0.00062	0.00401	0.00416
Offsite Worker	595134	4172443	0.0589	0.00388	0.00062	0.00436	0.0045
Offsite Worker	595054	4172463	0.03961	0.00271	0.00068	0.00319	0.00339
Offsite Worker	595074	4172463	0.04365	0.00293	0.00068	0.00342	0.00361
Offsite Worker	595094	4172463	0.0482	0.00318	0.00068	0.00368	0.00386
Offsite Worker	595114	4172463	0.05338	0.00347	0.00067	0.00398	0.00414
Offsite Worker	595054	4172483	0.03799	0.00259	0.00074	0.00309	0.00333
Offsite Worker	595074	4172483	0.04253	0.00285	0.00076	0.0034	0.00361
Offsite Worker	595094	4172483	0.04732	0.0031	0.00076	0.00366	0.00386
Offsite Worker	595114	4172483	0.0528	0.00338	0.00075	0.00395	0.00413
Offsite Worker	595034	4172503	0.03295	0.00237	0.00084	0.00297	0.00321
Offsite Worker	595054	4172503	0.0365	0.00254	0.00085	0.00316	0.00339
Offsite Worker	595074	4172503	0.04076	0.00276	0.00086	0.00339	0.00362
Offsite Worker	595094	4172503	0.04571	0.003	0.00087	0.00364	0.00387
Offsite Worker	595114	4172503	0.05154	0.00328	0.00087	0.00394	0.00415
Offsite Worker	595034	4172523	0.0308	0.00228	0.00093	0.00297	0.00321
Offsite Worker	595054	4172523	0.0344	0.00247	0.00097	0.00318	0.00344
Offsite Worker	595074	4172523	0.0386	0.00267	0.00099	0.0034	0.00366
Offsite Worker	595094	4172523	0.04341	0.00289	0.00101	0.00364	0.0039
Offsite Worker	595034	4172543	0.02831	0.0022	0.00104	0.00299	0.00324
Offsite Worker	595054	4172543	0.03173	0.00238	0.00109	0.0032	0.00347
Offsite Worker	595074	4172543	0.03572	0.00258	0.00113	0.00343	0.00371
Offsite Worker	595094	4172543	0.04052	0.0028	0.00118	0.00369	0.00398
Offsite Worker	595014	4172563	0.023	0.00198	0.00107	0.00282	0.00305
Offsite Worker	595034	4172563	0.02563	0.00213	0.00113	0.00302	0.00326
Offsite Worker	595054	4172563	0.02872	0.0023	0.0012	0.00324	0.0035
Offsite Worker	595074	4172563	0.03238	0.00249	0.00128	0.00349	0.00377
Offsite Worker	595094	4172563	0.03686	0.00272	0.00136	0.00377	0.00408
Offsite Worker	595014	4172583	0.0205	0.00192	0.00114	0.00285	0.00306
Offsite Worker	595034	4172583	0.0228	0.00207	0.00122	0.00306	0.00329
Offsite Worker	595054	4172583	0.02556	0.00224	0.00131	0.00331	0.00355
Offsite Worker	595074	4172583	0.02881	0.00243	0.00142	0.00358	0.00385
Offsite Worker	595034	4172603	0.02006	0.00202	0.0013	0.00312	0.00332
Offsite Worker	595054	4172603	0.0224	0.00219	0.00141	0.00338	0.0036

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Offsite Worker	595074	4172603	0.02522	0.00238	0.00153	0.00369	0.00391
Offsite Worker	595534	4172643	0.21992	0.00748	0.00246	0.00843	0.00994
Offsite Worker	595554	4172643	0.18444	0.00719	0.00239	0.00803	0.00958
Offsite Worker	595574	4172643	0.15664	0.00686	0.00234	0.00759	0.0092
Offsite Worker	595534	4172663	0.20147	0.00656	0.00264	0.00753	0.0092
Offsite Worker	595554	4172663	0.17014	0.00632	0.00262	0.00718	0.00894
Offsite Worker	595574	4172663	0.1452	0.00606	0.00259	0.00682	0.00865
Offsite Worker	595534	4172683	0.18847	0.00584	0.00311	0.00683	0.00895
Offsite Worker	595554	4172683	0.1583	0.00563	0.00315	0.0065	0.00878
Offsite Worker	595574	4172683	0.13476	0.00542	0.00308	0.00619	0.0085
Offsite Worker	595294	4172743	0.03486	0.00656	0.01498	0.01739	0.02154
Offsite Worker	595314	4172743	0.04511	0.00618	0.01169	0.0152	0.01787
Offsite Worker	595334	4172743	0.06542	0.00659	0.0095	0.01332	0.01609
Offsite Worker	595534	4172743	0.14199	0.00423	0.01185	0.00525	0.01608
Offsite Worker	595294	4172763	0.02571	0.00584	0.01342	0.01443	0.01926
Offsite Worker	595314	4172763	0.03227	0.00533	0.01024	0.01316	0.01557
Offsite Worker	595334	4172763	0.04382	0.00527	0.00827	0.01171	0.01354
Offsite Worker	595354	4172763	0.0627	0.00573	0.00696	0.01063	0.01269
Offsite Worker	595374	4172763	0.08462	0.00624	0.00594	0.00977	0.01218
Offsite Worker	595534	4172763	0.11686	0.00381	0.01111	0.00483	0.01492
Offsite Worker	595554	4172763	0.09839	0.00371	0.00744	0.0046	0.01115
Offsite Worker	595574	4172763	0.08509	0.00362	0.00521	0.0044	0.00883
Offsite Worker	594934	4172783	0.0039	0.00094	0.00086	0.00168	0.0018
Offsite Worker	594954	4172783	0.00408	0.00101	0.00095	0.00185	0.00196
Offsite Worker	594974	4172783	0.0043	0.00111	0.00106	0.00207	0.00217
Offsite Worker	595274	4172783	0.01682	0.00613	0.0152	0.0162	0.02133
Offsite Worker	595354	4172783	0.04267	0.00449	0.00612	0.00949	0.01061
Offsite Worker	595374	4172783	0.05576	0.00463	0.00524	0.00849	0.00987
Offsite Worker	595394	4172783	0.0717	0.00465	0.00462	0.00767	0.00927
Offsite Worker	595414	4172783	0.0902	0.00448	0.00419	0.00692	0.00867
Offsite Worker	595434	4172783	0.11142	0.00424	0.00396	0.00629	0.0082
Offsite Worker	595514	4172783	0.10912	0.00356	0.01059	0.0047	0.01415
Offsite Worker	595534	4172783	0.09385	0.00346	0.00825	0.00446	0.01171
Offsite Worker	595554	4172783	0.08183	0.00337	0.00593	0.00425	0.0093
Offsite Worker	595574	4172783	0.07259	0.0033	0.00444	0.00407	0.00774
Offsite Worker	595594	4172783	0.06481	0.00323	0.00347	0.00389	0.0067
Offsite Worker	595614	4172783	0.05856	0.00316	0.00285	0.00373	0.00601
Offsite Worker	595634	4172783	0.05316	0.00309	0.00242	0.00358	0.00551
Offsite Worker	594894	4172803	0.0032	0.00075	0.00066	0.00129	0.00141
Offsite Worker	594914	4172803	0.00335	0.0008	0.00074	0.00141	0.00154
Offsite Worker	594934	4172803	0.00351	0.00087	0.00082	0.00155	0.00169
Offsite Worker	594954	4172803	0.00368	0.00094	0.00092	0.00171	0.00186
Offsite Worker	594974	4172803	0.00387	0.00103	0.00103	0.00191	0.00206
Offsite Worker	595274	4172803	0.01399	0.00545	0.01354	0.02162	0.01899
Offsite Worker	595294	4172803	0.01658	0.00464	0.01028	0.01559	0.01492
Offsite Worker	595314	4172803	0.02037	0.00416	0.00809	0.01222	0.01225
Offsite Worker	595354	4172803	0.03265	0.0038	0.00554	0.00865	0.00934
Offsite Worker	595374	4172803	0.04123	0.0038	0.00475	0.00762	0.00855
Offsite Worker	595394	4172803	0.05144	0.0038	0.00415	0.00685	0.00795
Offsite Worker	595414	4172803	0.06316	0.00374	0.0037	0.00622	0.00744
Offsite Worker	595434	4172803	0.07577	0.00363	0.00336	0.00569	0.00699
Offsite Worker	595454	4172803	0.08813	0.00352	0.0032	0.00526	0.00672
Offsite Worker	595474	4172803	0.09446	0.00341	0.00359	0.00491	0.007
Offsite Worker	595534	4172803	0.07549	0.00315	0.0054	0.00413	0.00855
Offsite Worker	595554	4172803	0.06795	0.00309	0.00441	0.00394	0.0075
Offsite Worker	595574	4172803	0.06168	0.00303	0.00359	0.00377	0.00662
Offsite Worker	595594	4172803	0.056	0.00297	0.00297	0.00361	0.00594
Offsite Worker	595614	4172803	0.05133	0.00291	0.00252	0.00347	0.00543
Offsite Worker	595634	4172803	0.0472	0.00285	0.00219	0.00333	0.00504
Offsite Worker	595654	4172803	0.04352	0.0028	0.00193	0.0032	0.00473
Offsite Worker	595674	4172803	0.04025	0.00274	0.00173	0.00308	0.00447
Offsite Worker	594874	4172823	0.00281	0.00064	0.00055	0.00108	0.00119

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Offsite Worker	594894	4172823	0.00293	0.00069	0.00061	0.00117	0.0013
Offsite Worker	594914	4172823	0.00306	0.00074	0.00069	0.00128	0.00143
Offsite Worker	594934	4172823	0.0032	0.0008	0.00077	0.0014	0.00157
Offsite Worker	594954	4172823	0.00335	0.00086	0.00087	0.00155	0.00173
Offsite Worker	595254	4172823	0.01045	0.00594	0.01497	0.04473	0.02091
Offsite Worker	595274	4172823	0.01207	0.0048	0.01193	0.02337	0.01673
Offsite Worker	595294	4172823	0.01423	0.0041	0.00914	0.01526	0.01324
Offsite Worker	595334	4172823	0.02121	0.00343	0.00604	0.00916	0.00947
Offsite Worker	595354	4172823	0.02619	0.0033	0.0051	0.00777	0.0084
Offsite Worker	595374	4172823	0.03247	0.00326	0.00441	0.00683	0.00767
Offsite Worker	595394	4172823	0.0396	0.00324	0.00386	0.00613	0.0071
Offsite Worker	595414	4172823	0.04743	0.00321	0.00343	0.00559	0.00664
Offsite Worker	595434	4172823	0.05572	0.00316	0.00311	0.00516	0.00627
Offsite Worker	595454	4172823	0.06329	0.00311	0.00293	0.0048	0.00604
Offsite Worker	595474	4172823	0.06763	0.00305	0.003	0.0045	0.00605
Offsite Worker	595494	4172823	0.06782	0.00299	0.0034	0.00425	0.00639
Offsite Worker	595514	4172823	0.06507	0.00294	0.00379	0.00403	0.00673
Offsite Worker	595534	4172823	0.06113	0.00288	0.00372	0.00383	0.0066
Offsite Worker	595574	4172823	0.05264	0.00278	0.00292	0.00351	0.0057
Offsite Worker	595594	4172823	0.04863	0.00274	0.00254	0.00337	0.00528
Offsite Worker	595614	4172823	0.04511	0.00269	0.00222	0.00323	0.00491
Offsite Worker	595634	4172823	0.04186	0.00264	0.00197	0.00311	0.00461
Offsite Worker	595654	4172823	0.03897	0.00259	0.00176	0.00299	0.00435
Offsite Worker	595674	4172823	0.03633	0.00255	0.0016	0.00288	0.00415
Offsite Worker	594874	4172843	0.00261	0.00061	0.0005	0.00098	0.00111
Offsite Worker	594894	4172843	0.00271	0.00063	0.00056	0.00105	0.00119
Offsite Worker	594914	4172843	0.00283	0.00068	0.00063	0.00115	0.00131
Offsite Worker	594934	4172843	0.00295	0.00073	0.00071	0.00125	0.00144
Offsite Worker	594954	4172843	0.00309	0.00078	0.00081	0.00137	0.00159
Offsite Worker	595254	4172843	0.00928	0.00506	0.01369	0.03259	0.01875
Offsite Worker	595274	4172843	0.0107	0.00416	0.01062	0.01934	0.01478
Offsite Worker	595294	4172843	0.0125	0.00359	0.00826	0.01312	0.01185
Offsite Worker	595334	4172843	0.01794	0.00302	0.00561	0.00802	0.00863
Offsite Worker	595354	4172843	0.02179	0.0029	0.00479	0.00684	0.00769
Offsite Worker	595374	4172843	0.02642	0.00285	0.00416	0.00604	0.00701
Offsite Worker	595394	4172843	0.03167	0.00283	0.00365	0.00546	0.00648
Offsite Worker	595414	4172843	0.03741	0.00282	0.00325	0.00502	0.00607
Offsite Worker	595434	4172843	0.04317	0.0028	0.00293	0.00466	0.00573
Offsite Worker	595454	4172843	0.04837	0.00277	0.00273	0.00437	0.0055
Offsite Worker	595474	4172843	0.05165	0.00274	0.00266	0.00412	0.0054
Offsite Worker	595494	4172843	0.05284	0.00271	0.00276	0.00391	0.00547
Offsite Worker	595514	4172843	0.0521	0.00268	0.00287	0.00372	0.00555
Offsite Worker	595534	4172843	0.05009	0.00264	0.00283	0.00355	0.00547
Offsite Worker	595554	4172843	0.04761	0.0026	0.00266	0.0034	0.00526
Offsite Worker	595574	4172843	0.04504	0.00257	0.00243	0.00326	0.005
Offsite Worker	595634	4172843	0.03719	0.00245	0.00177	0.0029	0.00422
Offsite Worker	595654	4172843	0.03491	0.00241	0.00161	0.0028	0.00402
Offsite Worker	595674	4172843	0.03276	0.00237	0.00147	0.00269	0.00384
Offsite Worker	594854	4172863	0.00234	0.00054	0.0004	0.00083	0.00094
Offsite Worker	594874	4172863	0.00243	0.00057	0.00045	0.00089	0.00102
Offsite Worker	594894	4172863	0.00252	0.00059	0.0005	0.00095	0.00109
Offsite Worker	594914	4172863	0.00262	0.00062	0.00056	0.00102	0.00118
Offsite Worker	594934	4172863	0.00274	0.00066	0.00063	0.00111	0.00129
Offsite Worker	595234	4172863	0.00741	0.00531	0.01472	0.01706	0.02003
Offsite Worker	595254	4172863	0.00835	0.00417	0.01219	0.01949	0.01636
Offsite Worker	595274	4172863	0.00953	0.00351	0.00946	0.01387	0.01297
Offsite Worker	595294	4172863	0.01115	0.00311	0.00767	0.01043	0.01078
Offsite Worker	595314	4172863	0.01311	0.00284	0.00635	0.00825	0.00919
Offsite Worker	595334	4172863	0.01554	0.00267	0.00536	0.00687	0.00803
Offsite Worker	595354	4172863	0.01852	0.00257	0.00458	0.00595	0.00715
Offsite Worker	595374	4172863	0.02212	0.00252	0.00398	0.00532	0.0065
Offsite Worker	595394	4172863	0.02604	0.0025	0.00347	0.00484	0.00597

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Offsite Worker	595414	4172863	0.03034	0.0025	0.00308	0.00449	0.00558
Offsite Worker	595434	4172863	0.03463	0.0025	0.00277	0.00421	0.00527
Offsite Worker	595454	4172863	0.03855	0.00249	0.00255	0.00397	0.00504
Offsite Worker	595474	4172863	0.04125	0.00248	0.00243	0.00377	0.00491
Offsite Worker	595494	4172863	0.0426	0.00247	0.00239	0.0036	0.00486
Offsite Worker	595514	4172863	0.04264	0.00245	0.00238	0.00344	0.00483
Offsite Worker	595534	4172863	0.04172	0.00242	0.00232	0.00329	0.00474
Offsite Worker	595554	4172863	0.04036	0.0024	0.00221	0.00316	0.00461
Offsite Worker	595574	4172863	0.03884	0.00237	0.00207	0.00304	0.00444
Offsite Worker	595594	4172863	0.03704	0.00235	0.00191	0.00293	0.00426
Offsite Worker	595614	4172863	0.03522	0.00232	0.00175	0.00283	0.00407
Offsite Worker	594854	4172883	0.00219	0.0005	0.00035	0.00075	0.00085
Offsite Worker	594874	4172883	0.00227	0.00052	0.00039	0.0008	0.00091
Offsite Worker	594894	4172883	0.00236	0.00054	0.00043	0.00085	0.00097
Offsite Worker	594914	4172883	0.00246	0.00057	0.00049	0.00091	0.00106
Offsite Worker	595234	4172883	0.00678	0.00402	0.01401	0.01193	0.01803
Offsite Worker	595254	4172883	0.0076	0.00334	0.01118	0.01149	0.01452
Offsite Worker	595274	4172883	0.00863	0.00292	0.00898	0.00973	0.0119
Offsite Worker	595294	4172883	0.00997	0.00265	0.00747	0.00809	0.01012
Offsite Worker	595314	4172883	0.01157	0.00246	0.00624	0.00678	0.0087
Offsite Worker	595334	4172883	0.01364	0.00235	0.00526	0.00585	0.00761
Offsite Worker	595374	4172883	0.01895	0.00225	0.00383	0.00469	0.00608
Offsite Worker	595394	4172883	0.02197	0.00223	0.00332	0.00431	0.00555
Offsite Worker	595414	4172883	0.02526	0.00224	0.00292	0.00402	0.00516
Offsite Worker	595434	4172883	0.02862	0.00225	0.00261	0.0038	0.00486
Offsite Worker	595454	4172883	0.0315	0.00225	0.00238	0.00361	0.00463
Offsite Worker	595474	4172883	0.03376	0.00225	0.00223	0.00345	0.00448
Offsite Worker	595494	4172883	0.03509	0.00225	0.00214	0.0033	0.00439
Offsite Worker	595514	4172883	0.03562	0.00224	0.00208	0.00317	0.00432
Offsite Worker	595534	4172883	0.03536	0.00223	0.00201	0.00305	0.00424
Offsite Worker	595554	4172883	0.03468	0.00221	0.00191	0.00294	0.00412
Offsite Worker	595574	4172883	0.03372	0.0022	0.00181	0.00284	0.00401
Offsite Worker	595594	4172883	0.0324	0.00217	0.00168	0.00274	0.00385
Offsite Worker	595614	4172883	0.03102	0.00215	0.00156	0.00264	0.00371
Offsite Worker	595634	4172883	0.02962	0.00212	0.00145	0.00255	0.00357
Offsite Worker	595654	4172883	0.02826	0.0021	0.00135	0.00246	0.00345
Offsite Worker	594854	4172903	0.00207	0.00047	0.0003	0.00069	0.00077
Offsite Worker	594874	4172903	0.00214	0.00048	0.00033	0.00073	0.00081
Offsite Worker	594894	4172903	0.00222	0.0005	0.00037	0.00077	0.00087
Offsite Worker	594914	4172903	0.00231	0.00053	0.00041	0.00083	0.00094
Offsite Worker	595234	4172903	0.00625	0.00298	0.01393	0.00737	0.01691
Offsite Worker	595254	4172903	0.00698	0.00266	0.01157	0.00751	0.01423
Offsite Worker	595274	4172903	0.00788	0.00243	0.00965	0.00705	0.01208
Offsite Worker	595294	4172903	0.00901	0.00227	0.008	0.00632	0.01027
Offsite Worker	595314	4172903	0.01037	0.00215	0.00646	0.00559	0.00861
Offsite Worker	595334	4172903	0.01208	0.00208	0.00525	0.005	0.00733
Offsite Worker	595354	4172903	0.01403	0.00203	0.00433	0.00451	0.00636
Offsite Worker	595374	4172903	0.01632	0.00201	0.00366	0.00414	0.00567
Offsite Worker	595414	4172903	0.02152	0.00202	0.00275	0.00362	0.00477
Offsite Worker	595434	4172903	0.02408	0.00203	0.00245	0.00344	0.00448
Offsite Worker	595454	4172903	0.02636	0.00204	0.00221	0.00328	0.00425
Offsite Worker	595474	4172903	0.0282	0.00205	0.00205	0.00315	0.0041
Offsite Worker	595494	4172903	0.02947	0.00206	0.00193	0.00303	0.00399
Offsite Worker	595514	4172903	0.0301	0.00206	0.00185	0.00293	0.00391
Offsite Worker	595534	4172903	0.0302	0.00205	0.00177	0.00283	0.00382
Offsite Worker	595554	4172903	0.02997	0.00205	0.00169	0.00273	0.00374
Offsite Worker	595574	4172903	0.02942	0.00204	0.0016	0.00265	0.00364
Offsite Worker	595594	4172903	0.0285	0.00202	0.0015	0.00256	0.00352
Offsite Worker	595614	4172903	0.02751	0.002	0.0014	0.00247	0.0034
Offsite Worker	595634	4172903	0.02651	0.00198	0.00132	0.00239	0.0033
Offsite Worker	594854	4172923	0.00196	0.00044	0.00026	0.00064	0.0007
Offsite Worker	594874	4172923	0.00203	0.00046	0.00028	0.00068	0.00074

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Offsite Worker	594894	4172923	0.00211	0.00048	0.00031	0.00072	0.00079
Offsite Worker	594914	4172923	0.00219	0.0005	0.00035	0.00077	0.00085
Offsite Worker	595254	4172923	0.00645	0.00215	0.01532	0.00539	0.01747
Offsite Worker	595274	4172923	0.00724	0.00204	0.0123	0.0053	0.01434
Offsite Worker	595294	4172923	0.0082	0.00195	0.00911	0.00501	0.01106
Offsite Worker	595314	4172923	0.00937	0.00188	0.00667	0.00464	0.00855
Offsite Worker	595334	4172923	0.01081	0.00184	0.00514	0.00429	0.00698
Offsite Worker	595354	4172923	0.01241	0.00182	0.00412	0.00395	0.00594
Offsite Worker	595374	4172923	0.01425	0.00181	0.00342	0.00368	0.00523
Offsite Worker	595394	4172923	0.01629	0.00181	0.00292	0.00345	0.00473
Offsite Worker	595414	4172923	0.01844	0.00183	0.00254	0.00327	0.00437
Offsite Worker	595474	4172923	0.02403	0.00188	0.00188	0.00289	0.00376
Offsite Worker	595494	4172923	0.02512	0.00189	0.00175	0.00279	0.00364
Offsite Worker	595514	4172923	0.0258	0.0019	0.00166	0.00271	0.00356
Offsite Worker	595534	4172923	0.02607	0.0019	0.00158	0.00262	0.00348
Offsite Worker	595554	4172923	0.0261	0.0019	0.00151	0.00254	0.00341
Offsite Worker	595574	4172923	0.02577	0.00189	0.00143	0.00247	0.00332
Offsite Worker	595594	4172923	0.02522	0.00188	0.00135	0.00239	0.00323
Offsite Worker	595614	4172923	0.0246	0.00187	0.00127	0.00232	0.00314
Offsite Worker	595634	4172923	0.02382	0.00185	0.0012	0.00225	0.00305
Offsite Worker	595314	4172943	0.00853	0.00167	0.00624	0.00389	0.00791
Offsite Worker	595334	4172943	0.00971	0.00165	0.00469	0.00368	0.00634
Offsite Worker	595354	4172943	0.01108	0.00164	0.00374	0.00347	0.00538
Offsite Worker	595374	4172943	0.01262	0.00164	0.0031	0.00328	0.00474
Offsite Worker	595394	4172943	0.01432	0.00165	0.00265	0.00312	0.0043
Offsite Worker	595414	4172943	0.01604	0.00167	0.00231	0.00297	0.00398
Offsite Worker	595434	4172943	0.01775	0.00169	0.00205	0.00285	0.00374
Offsite Worker	595454	4172943	0.01934	0.00171	0.00186	0.00275	0.00357
Offsite Worker	595514	4172943	0.02242	0.00175	0.0015	0.00251	0.00325
Offsite Worker	595534	4172943	0.02279	0.00176	0.00143	0.00244	0.00319
Offsite Worker	595554	4172943	0.0229	0.00176	0.00136	0.00237	0.00312
Offsite Worker	595574	4172943	0.02272	0.00176	0.00129	0.0023	0.00305
Offsite Worker	595594	4172943	0.02243	0.00175	0.00122	0.00224	0.00297
Offsite Worker	595614	4172943	0.02202	0.00174	0.00116	0.00218	0.0029
Offsite Worker	595634	4172943	0.02144	0.00173	0.0011	0.00211	0.00283
Offsite Worker	595314	4172963	0.00779	0.00149	0.0051	0.00328	0.00659
Offsite Worker	595334	4172963	0.00883	0.00149	0.00398	0.00318	0.00547
Offsite Worker	595354	4172963	0.00999	0.00149	0.00323	0.00306	0.00472
Offsite Worker	595374	4172963	0.01128	0.00149	0.00272	0.00294	0.00421
Offsite Worker	595394	4172963	0.01267	0.00151	0.00234	0.00282	0.00385
Offsite Worker	595414	4172963	0.01411	0.00152	0.00206	0.00271	0.00358
Offsite Worker	595434	4172963	0.01554	0.00155	0.00185	0.00262	0.0034
Offsite Worker	595454	4172963	0.01686	0.00157	0.00168	0.00253	0.00325
Offsite Worker	595474	4172963	0.01798	0.00159	0.00154	0.00246	0.00313
Offsite Worker	595494	4172963	0.01893	0.00161	0.00144	0.00239	0.00305
Offsite Worker	595514	4172963	0.01961	0.00162	0.00136	0.00233	0.00298
Offsite Worker	595554	4172963	0.02022	0.00164	0.00123	0.00221	0.00287
Offsite Worker	595574	4172963	0.02021	0.00164	0.00117	0.00216	0.00281
Offsite Worker	595594	4172963	0.02004	0.00163	0.00111	0.0021	0.00274
Offsite Worker	595614	4172963	0.01978	0.00163	0.00106	0.00205	0.00269
Offsite Worker	595314	4172983	0.00716	0.00134	0.00391	0.00281	0.00525
Offsite Worker	595334	4172983	0.00805	0.00135	0.00321	0.00277	0.00456
Offsite Worker	595354	4172983	0.00905	0.00136	0.0027	0.0027	0.00406
Offsite Worker	595374	4172983	0.01015	0.00137	0.00232	0.00263	0.00369
Offsite Worker	595394	4172983	0.01133	0.00138	0.00204	0.00255	0.00342
Offsite Worker	595414	4172983	0.01254	0.0014	0.00182	0.00247	0.00322
Offsite Worker	595434	4172983	0.01375	0.00143	0.00164	0.0024	0.00307
Offsite Worker	595454	4172983	0.01487	0.00145	0.0015	0.00234	0.00295
Offsite Worker	595474	4172983	0.01584	0.00147	0.00139	0.00228	0.00286
Offsite Worker	595494	4172983	0.01668	0.00149	0.0013	0.00222	0.00279
Offsite Worker	595514	4172983	0.01728	0.0015	0.00123	0.00217	0.00273
Offsite Worker	595534	4172983	0.01772	0.00152	0.00117	0.00212	0.00269

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Offsite Worker	595554	4172983	0.01797	0.00152	0.00111	0.00207	0.00263
Offsite Worker	595574	4172983	0.01802	0.00153	0.00106	0.00202	0.00259
Offsite Worker	595594	4172983	0.01796	0.00153	0.00101	0.00197	0.00254
Offsite Worker	595614	4172983	0.01783	0.00152	0.00097	0.00192	0.00249
Offsite Worker	595314	4173003	0.00662	0.00122	0.00296	0.00244	0.00418
Offsite Worker	595334	4173003	0.00737	0.00123	0.00255	0.00243	0.00378
Offsite Worker	595354	4173003	0.00824	0.00124	0.00223	0.0024	0.00347
Offsite Worker	595374	4173003	0.00919	0.00126	0.00197	0.00236	0.00323
Offsite Worker	595394	4173003	0.01019	0.00128	0.00176	0.00231	0.00304
Offsite Worker	595414	4173003	0.01123	0.0013	0.00159	0.00226	0.00289
Offsite Worker	595434	4173003	0.01225	0.00132	0.00145	0.00221	0.00277
Offsite Worker	595454	4173003	0.01323	0.00134	0.00134	0.00216	0.00268
Offsite Worker	595474	4173003	0.01408	0.00137	0.00125	0.00212	0.00262
Offsite Worker	595494	4173003	0.01481	0.00139	0.00117	0.00207	0.00256
Offsite Worker	595514	4173003	0.01538	0.0014	0.00111	0.00203	0.00251
Offsite Worker	595534	4173003	0.0158	0.00141	0.00106	0.00198	0.00247
Offsite Worker	595554	4173003	0.01608	0.00142	0.00101	0.00194	0.00243
Offsite Worker	595574	4173003	0.01617	0.00143	0.00096	0.0019	0.00239
Offsite Worker	595594	4173003	0.01619	0.00143	0.00092	0.00185	0.00235
Offsite Worker	595294	4173023	0.00552	0.00108	0.00244	0.0021	0.00352
Offsite Worker	595314	4173023	0.00611	0.0011	0.00224	0.00213	0.00334
Offsite Worker	595334	4173023	0.00679	0.00112	0.00203	0.00214	0.00315
Offsite Worker	595354	4173023	0.00755	0.00114	0.00184	0.00214	0.00298
Offsite Worker	595374	4173023	0.00836	0.00116	0.00166	0.00212	0.00282
Offsite Worker	595394	4173023	0.00923	0.00118	0.00151	0.00209	0.00269
Offsite Worker	595414	4173023	0.01012	0.0012	0.00139	0.00206	0.00259
Offsite Worker	595434	4173023	0.01099	0.00122	0.00128	0.00203	0.0025
Offsite Worker	595454	4173023	0.01182	0.00125	0.00119	0.002	0.00244
Offsite Worker	595474	4173023	0.01258	0.00127	0.00112	0.00196	0.00239
Offsite Worker	595494	4173023	0.01325	0.00129	0.00106	0.00193	0.00235
Offsite Worker	595514	4173023	0.01377	0.00131	0.001	0.00189	0.00231
Offsite Worker	595534	4173023	0.01418	0.00132	0.00096	0.00186	0.00228
Offsite Worker	595554	4173023	0.01446	0.00133	0.00092	0.00182	0.00225
Offsite Worker	595574	4173023	0.01461	0.00134	0.00088	0.00179	0.00222
Offsite Worker	595594	4173023	0.01468	0.00134	0.00084	0.00175	0.00218
Offsite Worker	595294	4173043	0.00516	0.00099	0.00182	0.00185	0.00281
Offsite Worker	595314	4173043	0.00568	0.00101	0.00174	0.00189	0.00275
Offsite Worker	595334	4173043	0.00629	0.00103	0.00164	0.00191	0.00267
Offsite Worker	595354	4173043	0.00694	0.00106	0.00152	0.00192	0.00258
Offsite Worker	595374	4173043	0.00765	0.00107	0.00141	0.00191	0.00248
Offsite Worker	595394	4173043	0.00841	0.0011	0.00131	0.0019	0.00241
Offsite Worker	595414	4173043	0.00917	0.00112	0.00121	0.00189	0.00233
Offsite Worker	595434	4173043	0.00992	0.00114	0.00113	0.00187	0.00227
Offsite Worker	595454	4173043	0.01065	0.00116	0.00106	0.00185	0.00222
Offsite Worker	595474	4173043	0.01132	0.00118	0.001	0.00182	0.00218
Offsite Worker	595494	4173043	0.01191	0.00121	0.00095	0.0018	0.00216
Offsite Worker	595514	4173043	0.0124	0.00122	0.00091	0.00177	0.00213
Offsite Worker	595534	4173043	0.01278	0.00124	0.00087	0.00174	0.00211
Offsite Worker	595554	4173043	0.01306	0.00125	0.00083	0.00171	0.00208
Offsite Worker	595574	4173043	0.01325	0.00126	0.0008	0.00168	0.00206
Offsite Worker	595294	4173063	0.00484	0.00091	0.0014	0.00165	0.00231
Offsite Worker	595314	4173063	0.00531	0.00093	0.00138	0.00169	0.00231
Offsite Worker	595334	4173063	0.00584	0.00096	0.00133	0.00172	0.00229
Offsite Worker	595354	4173063	0.00641	0.00098	0.00127	0.00173	0.00225
Offsite Worker	595374	4173063	0.00704	0.001	0.0012	0.00174	0.0022
Offsite Worker	595394	4173063	0.00768	0.00102	0.00113	0.00173	0.00215
Offsite Worker	595414	4173063	0.00834	0.00104	0.00106	0.00173	0.0021
Offsite Worker	595434	4173063	0.009	0.00106	0.001	0.00172	0.00206
Offsite Worker	595454	4173063	0.00965	0.00109	0.00095	0.00171	0.00204
Offsite Worker	595474	4173063	0.01025	0.00111	0.0009	0.00169	0.00201
Offsite Worker	595494	4173063	0.01079	0.00113	0.00086	0.00168	0.00199
Offsite Worker	595514	4173063	0.01123	0.00115	0.00083	0.00166	0.00198

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Offsite Worker	595534	4173063	0.01158	0.00116	0.00079	0.00164	0.00195
Offsite Worker	595554	4173063	0.01186	0.00117	0.00076	0.00161	0.00193
Offsite Worker	595574	4173063	0.01205	0.00118	0.00073	0.00159	0.00191
Offsite Worker	595354	4173083	0.00594	0.00091	0.00106	0.00157	0.00197
Offsite Worker	595374	4173083	0.00648	0.00093	0.00102	0.00158	0.00195
Offsite Worker	595394	4173083	0.00704	0.00095	0.00097	0.00158	0.00192
Offsite Worker	595414	4173083	0.00762	0.00097	0.00093	0.00158	0.0019
Offsite Worker	595434	4173083	0.00821	0.00099	0.00089	0.00158	0.00188
Offsite Worker	595454	4173083	0.00879	0.00102	0.00085	0.00158	0.00187
Offsite Worker	595474	4173083	0.00933	0.00104	0.00081	0.00157	0.00185
Offsite Worker	595494	4173083	0.00984	0.00106	0.00079	0.00157	0.00185
Offsite Worker	595514	4173083	0.01025	0.00108	0.00075	0.00155	0.00183
Offsite Worker	595534	4173083	0.01055	0.00109	0.00072	0.00153	0.00181
Offsite Worker	595554	4173083	0.01083	0.0011	0.0007	0.00152	0.0018
Offsite Worker	595574	4173083	0.01101	0.00111	0.00067	0.0015	0.00178
Offsite Worker	595334	4173103	0.00507	0.00083	0.00091	0.00141	0.00174
Offsite Worker	595354	4173103	0.00552	0.00085	0.0009	0.00143	0.00175
Offsite Worker	595374	4173103	0.00599	0.00087	0.00087	0.00144	0.00174
Offsite Worker	595394	4173103	0.00649	0.00089	0.00085	0.00145	0.00174
Offsite Worker	595414	4173103	0.007	0.00091	0.00082	0.00146	0.00173
Offsite Worker	595434	4173103	0.00752	0.00093	0.00079	0.00146	0.00172
Offsite Worker	595454	4173103	0.00805	0.00095	0.00076	0.00147	0.00171
Offsite Worker	595474	4173103	0.00854	0.00098	0.00074	0.00147	0.00172
Offsite Worker	595494	4173103	0.00899	0.001	0.00071	0.00146	0.00171
Offsite Worker	595514	4173103	0.00933	0.00101	0.00068	0.00145	0.00169
Offsite Worker	595334	4173123	0.00473	0.00077	0.00077	0.00129	0.00154
Offsite Worker	595354	4173123	0.00513	0.00079	0.00076	0.00131	0.00155
Offsite Worker	595374	4173123	0.00556	0.00081	0.00075	0.00133	0.00156
Offsite Worker	595394	4173123	0.006	0.00083	0.00074	0.00134	0.00157
Offsite Worker	595414	4173123	0.00646	0.00085	0.00072	0.00135	0.00157
Offsite Worker	595434	4173123	0.00693	0.00087	0.0007	0.00136	0.00157
Offsite Worker	595454	4173123	0.0074	0.00089	0.00068	0.00136	0.00157
Offsite Worker	595474	4173123	0.00785	0.00092	0.00067	0.00137	0.00159
Offsite Worker	595494	4173123	0.00825	0.00094	0.00065	0.00137	0.00159
Offsite Worker	595514	4173123	0.00855	0.00095	0.00062	0.00136	0.00157
Offsite Worker	595354	4173143	0.0048	0.00074	0.00066	0.00121	0.0014
Offsite Worker	595374	4173143	0.00518	0.00076	0.00066	0.00122	0.00142
Offsite Worker	595394	4173143	0.00558	0.00078	0.00065	0.00124	0.00143
Offsite Worker	595414	4173143	0.00602	0.0008	0.00064	0.00125	0.00144
Offsite Worker	595434	4173143	0.00643	0.00082	0.00063	0.00126	0.00145
Offsite Worker	595494	4173143	0.00756	0.00088	0.00059	0.00127	0.00147
Offsite Worker	595354	4173163	0.0045	0.0007	0.00058	0.00112	0.00128
Offsite Worker	595374	4173163	0.00484	0.00072	0.00058	0.00113	0.0013
Offsite Worker	595394	4173163	0.0052	0.00074	0.00057	0.00115	0.00131
Offsite Worker	595414	4173163	0.00559	0.00076	0.00057	0.00117	0.00133
Offsite Worker	595434	4173163	0.00596	0.00078	0.00056	0.00118	0.00134
Offsite Worker	595374	4173183	0.00454	0.00068	0.00051	0.00106	0.00119
Offsite Worker	595394	4173183	0.00486	0.0007	0.00051	0.00107	0.00121
Offsite Worker	595414	4173183	0.00519	0.00071	0.00051	0.00108	0.00122
Offsite Worker	595434	4173183	0.00553	0.00073	0.00051	0.0011	0.00124
Onsite Worker	595203.12	4172931.43	0.00492	0.00211	0.01282	0.0041	0.01493
Offsite Worker	595305.29	4173022.49	0.00585	0.0011	0.00235	0.00213	0.00345
Offsite Worker	596059.85	4172738.92	0.01559	0.0019	0.00063	0.00167	0.00253
Offsite Worker	595782.4	4171913.24	0.00745	0.00919	0.00119	0.00297	0.01038
Offsite Worker	595790.49	4171877.76	0.00568	0.00648	0.00085	0.0023	0.00733
Offsite Worker	595826.59	4171700.37	0.00215	0.00176	0.00021	0.00088	0.00197
Offsite Worker	595857.85	4171568.4	0.00134	0.00096	0.0001	0.00055	0.00106
Offsite Worker	595427.66	4172811.08	0.06305	0.00345	0.00333	0.00562	0.00678
Offsite Worker	595616.96	4172890.78	0.02941	0.00209	0.00148	0.00256	0.00357
Offsite Worker	595465.61	4172972.42	0.01649	0.00152	0.00152	0.0024	0.00304
Offsite Worker	595413.93	4172953.11	0.01501	0.00159	0.00219	0.00284	0.00378
Onsite Worker	595207.62	4172857.58	0.0066	0.00965	0.00999	0.02125	0.01964

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Onsite Worker	595229.35	4172793.73	0.01097	0.0111	0.0103	0.02196	0.0214
Onsite Worker	595251.41	4172717.21	0.03357	0.0126	0.01096	0.02528	0.02356
Onsite Worker	595276.16	4172654.64	0.10295	0.01292	0.01302	0.02216	0.02594
Offsite Residential	595286.24	4171790.65	0.00439	0.00415	0.00046	0.0011	0.00461
Offsite Residential	595306.24	4171790.65	0.00424	0.00408	0.00044	0.00109	0.00452
Offsite Residential	595326.24	4171790.65	0.0041	0.00399	0.00042	0.00108	0.00441
Offsite Residential	595266.24	4171810.65	0.00499	0.00473	0.00055	0.00121	0.00528
Offsite Residential	595286.24	4171810.65	0.00481	0.00472	0.00053	0.0012	0.00525
Offsite Residential	595306.24	4171810.65	0.00466	0.00469	0.00051	0.0012	0.0052
Offsite Residential	595326.24	4171810.65	0.00449	0.00461	0.00049	0.00119	0.0051
Offsite Residential	595246.24	4171830.65	0.00571	0.00526	0.00065	0.00133	0.00591
Offsite Residential	595266.24	4171830.65	0.00551	0.00533	0.00063	0.00132	0.00596
Offsite Residential	595286.24	4171830.65	0.00531	0.00537	0.00061	0.00132	0.00598
Offsite Residential	595306.24	4171830.65	0.00513	0.00538	0.00059	0.00132	0.00597
Offsite Residential	595326.24	4171830.65	0.00495	0.00534	0.00057	0.00131	0.00591
Offsite Residential	595226.24	4171850.65	0.00656	0.00569	0.00076	0.00146	0.00645
Offsite Residential	595246.24	4171850.65	0.00636	0.00586	0.00075	0.00146	0.00661
Offsite Residential	595266.24	4171850.65	0.00614	0.00601	0.00073	0.00146	0.00674
Offsite Residential	595286.24	4171850.65	0.00592	0.00611	0.00072	0.00146	0.00683
Offsite Residential	595306.24	4171850.65	0.0057	0.00618	0.00069	0.00145	0.00687
Offsite Residential	595326.24	4171850.65	0.00549	0.0062	0.00067	0.00145	0.00687
Offsite Residential	595206.24	4171870.65	0.00759	0.00596	0.00087	0.00159	0.00683
Offsite Residential	595226.24	4171870.65	0.00737	0.00622	0.00087	0.0016	0.00709
Offsite Residential	595246.24	4171870.65	0.00713	0.00647	0.00087	0.0016	0.00734
Offsite Residential	595266.24	4171870.65	0.00687	0.00671	0.00086	0.0016	0.00757
Offsite Residential	595286.24	4171870.65	0.00662	0.00691	0.00084	0.00161	0.00775
Offsite Residential	595306.24	4171870.65	0.00637	0.00708	0.00082	0.00161	0.0079
Offsite Residential	595186.24	4171890.65	0.00875	0.006	0.00097	0.00172	0.00697
Offsite Residential	595206.24	4171890.65	0.00853	0.00635	0.00098	0.00174	0.00733
Offsite Residential	595226.24	4171890.65	0.00828	0.0067	0.00099	0.00175	0.00769
Offsite Residential	595246.24	4171890.65	0.00802	0.00706	0.001	0.00176	0.00806
Offsite Residential	595266.24	4171890.65	0.00775	0.00741	0.001	0.00176	0.00841
Offsite Residential	595286.24	4171890.65	0.00747	0.00774	0.00099	0.00178	0.00873
Offsite Residential	595306.24	4171890.65	0.00718	0.00805	0.00098	0.00178	0.00903
Offsite Residential	595186.24	4171910.65	0.00982	0.00624	0.00108	0.00188	0.00732
Offsite Residential	595206.24	4171910.65	0.0096	0.00665	0.00111	0.00189	0.00776
Offsite Residential	595226.24	4171910.65	0.00936	0.00711	0.00113	0.00191	0.00824
Offsite Residential	595246.24	4171910.65	0.00909	0.00758	0.00115	0.00193	0.00873
Offsite Residential	595266.24	4171910.65	0.0088	0.00807	0.00116	0.00194	0.00923
Offsite Residential	595286.24	4171910.65	0.00848	0.00855	0.00117	0.00196	0.00972
Offsite Residential	595306.24	4171910.65	0.00817	0.00904	0.00116	0.00198	0.0102
Offsite Residential	595166.24	4171930.65	0.01121	0.00596	0.00115	0.00203	0.00711
Offsite Residential	595186.24	4171930.65	0.01105	0.00638	0.00119	0.00204	0.00757
Offsite Residential	595206.24	4171930.65	0.01086	0.00687	0.00124	0.00206	0.00811
Offsite Residential	595226.24	4171930.65	0.01062	0.0074	0.00128	0.00209	0.00868
Offsite Residential	595246.24	4171930.65	0.01037	0.00798	0.00132	0.00211	0.0093
Offsite Residential	595266.24	4171930.65	0.01005	0.00861	0.00135	0.00214	0.00996
Offsite Residential	595286.24	4171930.65	0.00971	0.00927	0.00137	0.00216	0.01064
Offsite Residential	595166.24	4171950.65	0.01257	0.006	0.00124	0.00221	0.00724
Offsite Residential	595186.24	4171950.65	0.01245	0.00645	0.0013	0.00223	0.00775
Offsite Residential	595206.24	4171950.65	0.01229	0.00697	0.00136	0.00225	0.00833
Offsite Residential	595226.24	4171950.65	0.01207	0.00755	0.00142	0.00228	0.00897
Offsite Residential	595246.24	4171950.65	0.01184	0.00823	0.00149	0.00231	0.00972
Offsite Residential	595266.24	4171950.65	0.01155	0.00898	0.00155	0.00235	0.01053
Offsite Residential	595286.24	4171950.65	0.01121	0.00981	0.0016	0.00239	0.01141
Offsite Residential	595146.24	4171970.65	0.01402	0.00556	0.00125	0.00236	0.00681
Offsite Residential	595166.24	4171970.65	0.01403	0.00597	0.00132	0.0024	0.00729
Offsite Residential	595186.24	4171970.65	0.014	0.00644	0.00139	0.00243	0.00783
Offsite Residential	595206.24	4171970.65	0.01392	0.00697	0.00148	0.00246	0.00845
Offsite Residential	595226.24	4171970.65	0.01377	0.00758	0.00157	0.00249	0.00915
Offsite Residential	595246.24	4171970.65	0.01361	0.00831	0.00166	0.00254	0.00997
Offsite Residential	595266.24	4171970.65	0.01334	0.00914	0.00176	0.00258	0.0109

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Offsite Residential	595146.24	4171990.65	0.01553	0.0055	0.0013	0.00256	0.0068
Offsite Residential	595166.24	4171990.65	0.01565	0.0059	0.00138	0.00261	0.00728
Offsite Residential	595186.24	4171990.65	0.01573	0.00637	0.00148	0.00266	0.00785
Offsite Residential	595206.24	4171990.65	0.01576	0.00689	0.00158	0.00269	0.00847
Offsite Residential	595852.66	4171825.33	0.00459	0.00433	0.00057	0.00177	0.0049
Offsite Residential	595852.66	4171845.33	0.00523	0.00505	0.00067	0.00199	0.00572
Offsite Residential	595852.66	4171865.33	0.00601	0.00589	0.00078	0.00223	0.00667
Offsite Residential	595872.66	4171865.33	0.00624	0.00584	0.00077	0.00224	0.00661
Offsite Residential	595892.66	4171865.33	0.00646	0.00576	0.00076	0.00224	0.00652
Offsite Residential	595832.66	4171885.33	0.00667	0.00697	0.00091	0.00251	0.00788
Offsite Residential	595852.66	4171885.33	0.00694	0.00688	0.0009	0.00252	0.00778
Offsite Residential	595872.66	4171885.33	0.00718	0.00674	0.00089	0.00251	0.00763
Offsite Residential	595892.66	4171885.33	0.0074	0.00657	0.00087	0.00249	0.00744
Offsite Residential	595832.66	4171905.33	0.00775	0.0082	0.00106	0.00285	0.00926
Offsite Residential	595852.66	4171905.33	0.00805	0.00797	0.00104	0.00284	0.00901
Offsite Residential	595872.66	4171905.33	0.00829	0.00771	0.00101	0.00281	0.00872
Offsite Residential	595892.66	4171905.33	0.00848	0.00744	0.00098	0.00277	0.00842
Offsite Residential	595912.66	4171905.33	0.00861	0.00715	0.00095	0.00271	0.0081
Offsite Residential	595832.66	4171925.33	0.009	0.0096	0.00123	0.00325	0.01083
Offsite Residential	595852.66	4171925.33	0.00929	0.0092	0.00118	0.0032	0.01038
Offsite Residential	595872.66	4171925.33	0.00951	0.00879	0.00114	0.00313	0.00993
Offsite Residential	595892.66	4171925.33	0.00969	0.00836	0.00109	0.00306	0.00945
Offsite Residential	595912.66	4171925.33	0.00982	0.00793	0.00105	0.00298	0.00898
Offsite Residential	595852.66	4171945.33	0.01079	0.01048	0.00134	0.00359	0.01182
Offsite Residential	595872.66	4171945.33	0.01094	0.00988	0.00127	0.00348	0.01115
Offsite Residential	595892.66	4171945.33	0.01103	0.00931	0.00121	0.00337	0.01052
Offsite Residential	595912.66	4171945.33	0.01109	0.00875	0.00115	0.00325	0.0099
Offsite Residential	595932.66	4171945.33	0.01112	0.00822	0.00109	0.00314	0.00931
Offsite Residential	595102.43	4172101.44	0.02202	0.00409	0.00127	0.00317	0.00536
Offsite Residential	595122.43	4172101.44	0.02288	0.00436	0.00134	0.00334	0.0057
Offsite Residential	595142.43	4172101.44	0.02388	0.00469	0.00142	0.00354	0.00611
Offsite Residential	595102.43	4172121.44	0.02303	0.00394	0.00129	0.00325	0.00523
Offsite Residential	595122.43	4172121.44	0.02392	0.00422	0.00137	0.00344	0.00559
Offsite Residential	595142.43	4172121.44	0.02501	0.00452	0.00145	0.00365	0.00597
Offsite Residential	595082.43	4172141.44	0.02326	0.00358	0.00123	0.00313	0.00481
Offsite Residential	595102.43	4172141.44	0.02401	0.00381	0.00131	0.00331	0.00512
Offsite Residential	595122.43	4172141.44	0.02492	0.00408	0.00139	0.00352	0.00547
Offsite Residential	595142.43	4172141.44	0.02602	0.00437	0.00148	0.00374	0.00585
Offsite Residential	595082.43	4172161.44	0.02433	0.00348	0.00123	0.00319	0.00471
Offsite Residential	595102.43	4172161.44	0.02511	0.00369	0.00132	0.00336	0.00501
Offsite Residential	595122.43	4172161.44	0.02594	0.00394	0.00142	0.00356	0.00536
Offsite Residential	595142.43	4172161.44	0.02698	0.00421	0.00152	0.00379	0.00573
Offsite Residential	595082.43	4172181.44	0.02552	0.00337	0.00123	0.00322	0.0046
Offsite Residential	595102.43	4172181.44	0.02626	0.00357	0.00133	0.0034	0.0049
Offsite Residential	595122.43	4172181.44	0.02706	0.00381	0.00144	0.0036	0.00525
Offsite Residential	595142.43	4172181.44	0.02799	0.00407	0.00156	0.00383	0.00563
Offsite Residential	595062.43	4172201.44	0.02616	0.00311	0.00111	0.00308	0.00422
Offsite Residential	595082.43	4172201.44	0.02688	0.00328	0.00121	0.00324	0.00449
Offsite Residential	595102.43	4172201.44	0.02763	0.00347	0.00132	0.00342	0.00479
Offsite Residential	595122.43	4172201.44	0.02839	0.00368	0.00144	0.00362	0.00512
Offsite Residential	595142.43	4172201.44	0.02923	0.00392	0.00158	0.00383	0.0055
Offsite Residential	595162.43	4172201.44	0.03017	0.00421	0.00173	0.00409	0.00594
Offsite Residential	595062.43	4172221.44	0.02766	0.00304	0.00107	0.00311	0.00411
Offsite Residential	595082.43	4172221.44	0.02847	0.0032	0.00117	0.00326	0.00437
Offsite Residential	595102.43	4172221.44	0.02929	0.00337	0.00129	0.00343	0.00466
Offsite Residential	595122.43	4172221.44	0.03005	0.00356	0.00142	0.00362	0.00498
Offsite Residential	595142.43	4172221.44	0.03083	0.00378	0.00157	0.00383	0.00535
Offsite Residential	595162.43	4172221.44	0.03164	0.00403	0.00175	0.00407	0.00578
Offsite Residential	595062.43	4172241.44	0.02936	0.003	0.00101	0.00313	0.00401
Offsite Residential	595082.43	4172241.44	0.03032	0.00315	0.00111	0.00329	0.00426
Offsite Residential	595102.43	4172241.44	0.03124	0.0033	0.00123	0.00346	0.00453
Offsite Residential	595122.43	4172241.44	0.03213	0.00348	0.00137	0.00364	0.00485

PM2.5 Concentration (ug/m^3)

Rec Type	X	Y	Phase 1 CSTN	Phase 1 Operation	Phase 2 CSTN	Full Operation	Phase 1 Operation + Phase 2 Construction
Offsite Residential	595142.43	4172241.44	0.03303	0.00368	0.00153	0.00385	0.00521
Offsite Residential	595162.43	4172241.44	0.0339	0.00391	0.00172	0.00409	0.00563
Offsite Residential	595062.43	4172261.44	0.03123	0.00297	0.00095	0.00318	0.00392
Offsite Residential	595082.43	4172261.44	0.03244	0.00312	0.00105	0.00334	0.00417
Offsite Residential	595102.43	4172261.44	0.0335	0.00326	0.00115	0.00349	0.00441
Offsite Residential	595122.43	4172261.44	0.03462	0.00342	0.00128	0.00367	0.0047
Offsite Residential	595142.43	4172261.44	0.03578	0.00361	0.00145	0.00389	0.00506
Offsite Residential	595042.43	4172281.44	0.0317	0.00282	0.00081	0.00306	0.00363
Offsite Residential	595062.43	4172281.44	0.03315	0.00296	0.00088	0.00322	0.00384
Offsite Residential	595082.43	4172281.44	0.03464	0.00311	0.00096	0.00339	0.00407
Offsite Residential	595102.43	4172281.44	0.03597	0.00325	0.00105	0.00355	0.0043
Offsite Residential	595122.43	4172281.44	0.03758	0.00342	0.00118	0.00375	0.0046
Offsite Residential	595142.43	4172281.44	0.03904	0.00359	0.00133	0.00395	0.00492
Offsite Residential	595162.43	4172281.44	0.04041	0.00377	0.00151	0.00418	0.00528
Offsite Residential	595042.43	4172301.44	0.03333	0.00282	0.00074	0.0031	0.00356
Offsite Residential	595062.43	4172301.44	0.03509	0.00297	0.0008	0.00327	0.00377
Offsite Residential	595082.43	4172301.44	0.03685	0.00312	0.00087	0.00344	0.00399
Offsite Residential	595102.43	4172301.44	0.03863	0.00327	0.00095	0.00362	0.00422
Offsite Residential	595122.43	4172301.44	0.04061	0.00344	0.00105	0.00383	0.00449
Offsite Residential	595142.43	4172301.44	0.04261	0.00361	0.00118	0.00405	0.00479
Offsite Residential	595162.43	4172301.44	0.04463	0.00379	0.00134	0.00429	0.00513
Offsite Residential	595042.43	4172321.44	0.0349	0.00282	0.00069	0.00313	0.00351
Offsite Residential	595062.43	4172321.44	0.03696	0.00299	0.00073	0.00332	0.00372
Offsite Residential	595082.43	4172321.44	0.03867	0.00312	0.00078	0.00348	0.0039
Offsite Residential	595102.43	4172321.44	0.04123	0.00331	0.00085	0.0037	0.00416
Offsite Residential	595122.43	4172321.44	0.04367	0.00349	0.00093	0.00392	0.00442
Offsite Residential	595142.43	4172321.44	0.04634	0.00368	0.00103	0.00416	0.00471
Offsite Residential	595162.43	4172321.44	0.04907	0.00387	0.00116	0.00442	0.00503
Offsite Residential	595022.43	4172341.44	0.03405	0.00266	0.00061	0.00297	0.00327
Offsite Residential	595042.43	4172341.44	0.03627	0.00282	0.00064	0.00315	0.00346
Offsite Residential	595062.43	4172341.44	0.03862	0.003	0.00067	0.00335	0.00367
Offsite Residential	595082.43	4172341.44	0.04111	0.00318	0.00071	0.00356	0.00389
Offsite Residential	595102.43	4172341.44	0.04376	0.00337	0.00075	0.00378	0.00412
Offsite Residential	595122.43	4172341.44	0.04662	0.00355	0.00081	0.00401	0.00436
Offsite Residential	595142.43	4172341.44	0.04993	0.00377	0.00089	0.00428	0.00466
Offsite Residential	595162.43	4172341.44	0.05345	0.00398	0.00098	0.00457	0.00496
Onsite Worker	595509.2	4172311.1	0.13609	0.01307	0.02595	0.01387	0.03902
Onsite Worker	595453.66	4172369.33	0.17916	0.00809	0.02297	0.02952	0.03106
Offsite Worker	595568.33	4173021.18	0.01471	0.00134	0.0009	0.00181	0.00224
Onsite Worker	595515	4172097	0.0319	0.06054	0.02369	0.01161	0.08423

A.4.4 Cumulative Source Impacts

Cumulative Source Impacts

Cancer Risk

		Distance from Source (ft)					Construction + Operations Cancer Risk					
Receptor	**Location (UTM X, UTM Y)**	**HWY 680**	**HWY 580**	**15892**	**17583**	**1371**	**HWY 680**	**HWY 580**	**15892**	**17583**	**1371**	**Total**
Offsite Residential	595852.66, 4171945.33	1450 E of Link 207	5000 S of Link 212	2563	1171	993	34.92	-	-	3.50	8.42	46.84
Offsite Worker	595254, 4172823	500 E of Link 207	1300 S of Link 212	1071	-	3740	56.80	22.13	2.91	-	-	81.85
CSP-GYM	595305.29, 4173022.49	829 E of Link 207	669 S of Link 212	1402	-	-	42.87	20.51	-	-	-	63.37
Onsite Daycare	595203.12, 4172931.43	400 E of Link 207	900 S of Link 502	1410	-	4100	66.01	12.42	-	-	-	78.43
Onsite Worker	595515, 4172097	530 E of Link 207	3800 S of Link 502	1840	-	1260	56.80	-	-		8.42	65.22

Cancer Risk

		Distance from Source (ft)				Full Buildout Cancer Risk				
Receptor	**Location (UTM X, UTM Y)**	**HWY 680**	**HWY 580**	**15892**	**1371**	**HWY 680**	**HWY 580**	**15892**	**1371**	**Total**
Offsite Residential	595162.43, 4172341.44	200 W of Link 207	2700 S of Link 504	1625	2650	60.90	-	-	-	60.90
Offsite Worker	595254, 4172823	500 E of Link 207	1300 S of Link 212	1071	3740	56.80	22.13	2.91	-	81.85
CSP-GYM	595305.29, 4173022.49	829 E of Link 207	669 S of Link 212	1402	-	42.87	20.51	-	-	63.37

Chronic Risk- Phase 1 Construction

		Distance from Source (ft)				Phase 1 Construction Chronic Risk				
Receptor	**Location (UTM X, UTM Y)**	**HWY 680**	**HWY 580**	**15892**	**1371**	**HWY 680**	**HWY 580**	**15892**	**1371**	**Total**
Offsite Residential	595162.43, 4172341.44	200 W of Link 207	2700 S of Link 504	1625	2650	0.0380	-	-	-	0.04
Offsite Worker	595534, 4172643	1150 E of Link 207	2100 S of Link of 212	97	2870	0.0220	-	0.0048	-	0.03
CSP-GYM	595305.29, 4173022.49	829 E of Link 207	669 S of Link 212	1402	-	0.027	0.0070	-	-	0.03
Onsite Daycare	595203.12, 4172931.43	400 E of Link 207	900 S of Link 502	1410	4100	0.0410	0.0070	-	-	0.05
Onsite Worker	595453.66, 4172369.33	620 E of Link 207	2900 S of Link 502	1002	2100	0.0360	-	0.0008	-	0.04

Chronic Risk- Construction+Operations

		Distance from Source (ft)				Phase 1 Operation + Phase 2 Construction Chronic Risk				
Receptor	**Location (UTM X, UTM Y)**	**HWY 680**	**HWY 580**	**15892**	**1371**	**HWY 680**	**HWY 580**	**15892**	**1371**	**Total**
Offsite Residential	595022.43, 4172341.44	650 W of Link 207	2600 S of Link 504	1997	3000	0.0210	-	-	-	0.02
Offsite Worker	595374, 4172763	775 E of Link 207	1600 S of Link 502	618	3420	0.0270	-	0.0917	-	0.12
CSP-GYM	595305.29, 4173022.49	829 E of Link 207	669 S of Link 212	1402	-	0.027	0.007	-	-	0.03
Onsite Daycare	595203.12, 4172931.43	400 E of Link 207	900 S of Link 502	1410	4100	0.0410	0.0070	-	-	0.05
Onsite Worker	595276.16, 4172654.64	360 E of Link 207	1800 S of Link 502	872	3200	0.0500	-	0.0010	-	0.05

Chronic Risk-Full Operation

		Distance from Source (ft)				Full Operation Chronic Risk				
Receptor	**Location (UTM X, UTM Y)**	**HWY 680**	**HWY 580**	**15892**	**1371**	**HWY 680**	**HWY 580**	**15892**	**1371**	**Total**
Offsite Residential	595022.43, 4172341.44	650 W of Link 207	2600 S of Link 504	1997	3000	0.0210	-	-	-	0.02
Offsite Worker	595374, 4172763	775 E of Link 207	1600 S of Link 502	618	3420	0.0270	-	0.0917	-	0.12
CSP-GYM	595305.29, 4173022.49	829 E of Link 207	669 S of Link 212	1402	-	0.027	0.007	-	-	0.03

Annual PM2.5-Phase 1 Construction		Distance from Source (ft)				Phase 1 Construction Annual Average PM2.5 Concentrations (ug/m^3)				
Receptor	**Location (UTM X, UTM Y)**	**HWY 680**	**HWY 580**	**15892**	**1371**	**HWY 680**	**HWY 580**	**15892**	**1371**	**Total**
Offsite Residential	595162.43, 4172341.44	200 W of Link 207	2700 S of Link 504	1625	2650	0.2590	-	-	-	0.26
Offsite Worker	595534, 4172643	1150 E of Link 207	2100 S of Link of 212	97	2870	0.1490	-	0.0030	-	0.15
Onsite Daycare	595203.12, 4172931.43	400 E of Link 207	900 S of Link 502	1410	4100	0.2850	0.0570	-	-	0.34
Onsite Worker	595453.66, 4172369.33	620 E of Link 207	2900 S of Link 502	1002	2100	0.2440	-	0.0005	-	0.24
CSP-GYM	595305.29, 4173022.49	829 E of Link 207	669 S of Link 212	1402	-	0.184	0.196	-	-	0.38

Annual PM2.5-Phase 1 Operation + Phase 2 Construction		Distance from Source (ft)				Phase 1 Operation + Phase 2 Construction Annual Average PM2.5 Concentrations (ug/m^3)				
Receptor	**Location (UTM X, UTM Y)**	**HWY 680**	**HWY 580**	**15892**	**1371**	**HWY 680**	**HWY 580**	**15892**	**1371**	**Total**
Offsite Residential	595852.66, 4171945.33	1450 E of Link 207	5000 S of Link 212	2563	993	0.1490	-	-	0.3264	0.48
Offsite Worker	595574, 4171983	600 E of Link 207	4000 S Link 502	2219	1170	0.2440	-	-	0.3264	0.57
Onsite Daycare	595203.12, 4172931.43	400 E of Link 207	900 S of Link 502	1410	4100	0.2850	0.0570	0.0005	-	0.34
Onsite Worker	595515, 4172097	530 E of Link 207	3800 S of Link 502	1840	1260	0.2440	-	-	-	0.24
CSP-GYM	595305.29, 4173022.49	829 E of Link 207	669 S of Link 212	1402	-	0.184	0.196	-	-	0.38

Annual PM2.5-Full Operation		Distance from Source (ft)				Full Operations Annual Average PM2.5 Concentrations (ug/m^3)				
Receptor	**Location (UTM X, UTM Y)**	**HWY 680**	**HWY 580**	**15892**	**1371**	**HWY 680**	**HWY 580**	**15892**	**1371**	**Total**
Offsite Residential	595162.43, 4172341.44	200 W of Link 207	2700 S of Link 504	1625	2650	0.2590	-	-	-	0.26
Offsite Worker	595254, 4172823	500 E of Link 207	1300 S of Link 212	1071	3740	0.2440	0.1050	0.0005	-	0.35
CSP-GYM	595305.29, 4173022.49	829 E of Link 207	669 S of Link 212	1402	-	0.184	0.196	-	-	0.38

Note: (-) denotes that the source was much greater than 1000 feet from the project boudary or sensitive receptor, therefore impacts from the source were excluded.

Diesel IC-15892

Distance (meters)	Distance (feet)	Distance Adjustment Multiplier	Enter Cancer Risk Estimate	Adjusted Cancer Risk Estimate	Enter Chronic Risk Estimate	Adjusted Chronic Risk Estimate	Enter PM2.5 Concentration	Adjusted PM2.5 Concentration
25	82	0.85						
30	98.4	0.73						
35	115	0.64						
40	131	0.58						
50	164	0.5						
60	197	0.41						
70	230	0.31						
80	262	0.28						
90	295	0.25	7.29E+01	1.82E+01	1.90E-02	4.75E-03	1.20E-02	3.00E-03
100	328	0.22	7.29E+01	1.60E+01	1.90E-02	4.18E-03	1.20E-02	2.64E-03
110	361	0.18						
120	394	0.16						
130	426	0.15						
140	459	0.14						
150	492	0.12						
160	525	0.1	7.29E+01	7.29E+00	1.90E-02	1.90E-03	1.20E-02	1.20E-03
180	590	0.09	7.29E+01	6.56E+00	1.02E+00	9.17E-02	1.01E+00	9.11E-02
200	656	0.08						
220	722	0.07						
240	787	0.06						
260	853	0.05	7.29E+01	3.64E+00	1.90E-02	9.50E-04	1.20E-02	6.00E-04
280	918	0.04	7.29E+01	2.91E+00	1.90E-02	7.60E-04	1.20E-02	4.80E-04

Diesel-1371

Distance (meters)	Distance (feet)	Distance Adjustment Multiplier	Enter Cancer Risk Estimate	Adjusted Cancer Risk Estimate	Enter Chronic Risk Estimate	Adjusted Chronic Risk Estimate	Enter PM2.5 Concentration	Adjusted PM2.5 Concentration
25	82	0.85						
30	98.4	0.73						
35	115	0.64						
40	131	0.58						
50	164	0.5						
60	197	0.41						
70	230	0.31						
80	262	0.28						
90	295	0.25						
100	328	0.22						
110	361	0.18						
120	394	0.16						
130	426	0.15						
140	459	0.14						
150	492	0.12	2.11E+02	2.53E+01	3.53E-01	4.24E-02	8.16E+00	9.79E-01
160	525	0.1	2.11E+02	2.11E+01	1.35E+00	1.35E-01	8.16E+00	8.16E-01
180	590	0.09						
200	656	0.08						
220	722	0.07						
240	787	0.06						
260	853	0.05	2.11E+02	1.05E+01	3.53E-01	1.77E-02	8.16E+00	4.08E-01
280	918	0.04	2.11E+02	8.42E+00	3.53E-01	1.41E-02	8.16E+00	3.26E-01

Diesel IC-17583

Distance (meters)	Distance (feet)	Distance Adjustment Multiplier	Enter Cancer Risk Estimate	Adjusted Cancer Risk Estimate	Enter Chronic Risk Estimate	Adjusted Chronic Risk Estimate	Enter PM2.5 Concentration	Adjusted PM2.5 Concentration
25	82							
30	98.4							
35	115							
40	131							
50	164							
60	197							
70	230							
80	262							
90	295							
100	328							
110	361							
120	394							
130	426							
140	459							
150	492							
160	525							
180	590							
200	656							
220	722							
240	787							
260	853							
280	918	0.04	8.75E+01	3.50E+00	2.30E-02	9.20E-04	1.13E-01	4.52E-03

A.4.5 Project and Cumulative HRA Summary

Health Risk Summary

Incremental Cancer Risk

Receptor Type	Construction + Operation Risk Value (in a million)	Construction + Operation Location (UTM X, UTM Y)	Full Operation Risk Value (in a million)	Full Operation Location (UTM X, UTM Y)
	Net Increase Due to Project			
Offsite Residential	5.4	595852.66, 4171945.33	2.9	595162.43, 4172341.44
Offsite Worker	3.1	595254, 4172823	4.6	595254, 4172823
CSP	1.9	595305.29, 4173022.49	2.4	595305.29, 4173022.49
Onsite Daycare	0.5	595203.12, 4172931.43	n/a	-
Onsite Worker	2.9	595515, 4172097	n/a	-
Significance Threshold	*10.0*		*10*	

Receptor Type	Cumulative Risks with Project: Construction + Operation	Cumulative Risks with Project: Full Operation
Offsite Residential	52.2	63.8
Offsite Worker	84.9	86.5
CSP	65.3	65.8
Onsite Daycare	78.9	-
Onsite Worker	68.1	-
Significance Threshold	**100**	**100**

Incremental CHI

Receptor Type	Phase 1 Construction CHI	Phase 1 Construction Location (UTM X, UTM Y)	Phase 1 Operation + Phase 2 Construction CHI	Phase 1 Operation + Phase 2 Construction Location (UTM X, UTM Y)	Full Operation CHI	Full Operation Location (UTM X, UTM Y)
	Net Increase Due to Project					
Offsite Residential	0.01	595162.43, 4172341.44	0.01	595022.43, 4172341.44	0.01	595022.43, 4172341.44
Offsite Worker	0.05	595534, 4172643	0.52	595374, 4172763	0.52	595374, 4172763
CSP	0.001	595305.29, 4173022.49	0.02	595305.29, 4173022.49	0.01	595305.29, 4173022.49
Onsite Daycare	0.001	595203.12, 4172931.43	0.03	595203.12, 4172931.43		
Onsite Worker	0.04	595453.66, 4172369.33	0.23	595276.16, 4172654.64		
Significance Threshold	*1.0*		*1.0*		*1.0*	

Receptor Type	Cumulative Chronic Impacts with Project: Phase 1 Construction	Cumulative Chronic Impacts with Project: Phase 1 Operation + Phase 2 Construction	Cumulative Chronic Impacts with Project: Full Operation
Offsite Residential	0.05	0.03	0.03
Offsite Worker	0.07	0.64	0.64
CSP	0.04	0.05	0.05
Onsite Daycare	0.05	0.08	-
Onsite Worker	0.08	0.28	-
Significance Threshold	**10**	**10**	**10**

Incremental PM2.5 Summary

Receptor Type	Phase 1 Construction		Phase 1 Operation + Phase 2 Construction		Full Operation	
	PM2.5 (ug/m^3)	Location (UTM X, UTM Y)	PM2.5 (ug/m^3)	Location (UTM X, UTM Y)	PM2.5 (ug/m^3)	Location (UTM X, UTM Y)
	Net Increase Due to Project					
Offsite Residential	0.05	595162.43, 4172341.44	0.01	595852.66, 4171945.33	0.005	595162.43, 4172341.44
Offsite Worker	0.22	595534, 4172643	0.02	595574, 4171983	0.045	595254, 4172823
CSP	0.0059	595305.29, 4173022.49	0.006	595305.29, 4173022.49	0.003	595305.29, 4173022.49
Onsite Daycare	0.005	595203.12, 4172931.43	0.01	595203.12, 4172931.43		
Onsite Worker	0.18	595453.66, 4172369.33	0.08	595515, 4172097		
Significance Threshold	**0.3**		**0.3**		**0.3**	

Receptor Type	Cumulative PM2.5 Impacts with Project		
	Phase 1 Construction	Phase 1 Operation + Phase 2 Construction	Full Operation
Offsite Residential	0.31	0.49	0.26
Offsite Worker	0.37	0.59	0.39
CSP	0.35	0.35	0.38
Onsite Daycare	0.25	0.26	-
Onsite Worker	0.56	0.46	-
Significance Threshold	**0.8**	**0.8**	**0.8**

Final

CITY OF PLEASANTON JOHNSON DRIVE ECONOMIC DEVELOPMENT ZONE

Technical Memo on Updated Air Quality Analysis

Prepared for
City of Pleasanton

July 2019

ESA

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550 Kearny Street
Suite 800
San Francisco, CA 94108
415.896.5900
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TABLE OF CONTENTS

Johnson Drive Economic Development Zone Technical Memo on Updated Air Quality Analysis

Page

Executive Summary **1**

Chapter 1 ..... **4**

Health Effects of Criteria Pollutants **4**
- Ozone 5
- Nitrogen Dioxide 6
- Carbon Monoxide 7
- Particulate Matter 8
- Other Criteria Pollutants 9

Chapter 2 ..... **11**

Modeling Methods and Assumptions **11**
- Construction Modeling 11
- Operational Modeling 15

Chapter 3 ..... **19**

Results **19**
- Construction Emissions 19
  - Fugitive Dust 21
  - Mitigation of Construction-Related Air Quality Impacts 22
- Operational Emissions 22
  - Phase 1 Operation 23
  - Mitigation of Phase 1 Operational-Related Air Quality Impacts 26
  - Phase 1 Operation plus Phase 2 Construction (2030-2031) 26
  - Full Buildout Operation (2031) 28
  - Carbon Monoxide (CO) Emissions 33
  - Project Contribution to Cumulative Health Effects 34

Appendix

A. Criteria Pollutants Emission Calculations and Models A-1

List of Tables

Table 1 Project Characteristics 12

Page

Table 2 Estimated Project Construction Schedule 13
Table 3 Construction Equipment Fleet 13
Table 4 Daily Truck Deliveries [a] 17
Table 5 Average Daily Unmitigated Construction Emissions by Source 19
Table 6 Average Daily Mitigated Construction Emissions by Source 21
Table 7 Phase 1 (2021) Average Daily Unmitigated Operational Emissions by Source 23
Table 8 Phase 1 (2021) Total Annual Unmitigated Operational Emissions by Source 24
Table 9 Phase 1 (2021) Average Daily Mitigated Operational Emissions by Source 25
Table 10 Average Daily Unmitigated Construction Plus Operational Emissions 27
Table 11 Total Annual Unmitigated Construction Plus Operational Emissions 27
Table 12 Full Buildout (2031) Average Daily Unmitigated Operational Emissions by Source 30
Table 13 Full Buildout (2031) Total Annual Unmitigated Operational Emissions by Source 31
Table 14 Comparison of Full Buildout Total Annual Unmitigated Operational Emissions by Source for the Updated Analysis (2031) with the Draft SEIR (2025) 32

EXECUTIVE SUMMARY

This technical memorandum (Memo) presents the updated criteria pollutant emissions analysis for Section 4.B – Air Quality of the 2015 Draft Supplemental Environmental Impact Report (SEIR) for the Johnson Drive Economic Development Zone project (Project) located in the City of Pleasanton, in support of environmental clearance of the Project under the California Environmental Quality Act (CEQA). Pursuant to comments regarding the Draft SEIR, which was published in September 2015, a Health Risk Assessment (HRA) has been prepared for the Project and is being added to the SEIR. Consistent with new modeling data used for the HRA, this technical Memo supplements Section 4.B of the Draft SEIR with an updated analysis of criteria pollutants emissions including reactive organic carbon (ROG), nitrogen oxides (NO_X), construction related exhaust particulate matter (PM), particulate matter with an aerodynamic diameter equal to or less than 10 microns (PM_{10}), particulate matter with an aerodynamic diameter equal to or less than 2.5 microns ($PM_{2.5}$), and carbon monoxide (CO).

This memo also discusses health effects of criteria pollutants along with the Project's potential cumulative health-related impacts pursuant to the *Sierra Club v. County of Fresno* court ruling.[1]

Consistent with the HRA, this analysis uses the updated and conservative assumptions about the timing of construction and the scope of project-related activity within the project area. For near-term activities, such as the first phase of construction, realistic assumptions are made based on the anticipated construction activity and phasing of development. For longer-term activities that may occur beyond the first phase of development, such as the development of commercial and retail space during phase 2, more conservative assumptions were made in order to provide a worst-case analysis of potential Project impact, because the actual construction activity and phasing of this development is currently unknown. These assumptions are provided in greater detail in Chapter 1 of this Memo.

For construction, this analysis shows the Project's criteria pollutant emissions are below the corresponding Bay Area Air Quality Management District (BAAQMD) significance thresholds except for NO_X emissions from Phase 1 construction. Phase 1 construction NO_X emissions are estimated to be an average of 55.7 pounds per day (lbs/day), exceeding the significance threshold of 54 lbs/day. Therefore, mitigation is required to reduce Project impacts during Phase 1 construction. As such, the Project Sponsor would require all off-road equipment greater than 50 horsepower to have engines that meet United States Environmental Protection Agency (USEPA) Tier 3 off-road emission standards. Implementation of this mitigation measure would reduce this impact to a less-than-significant level.

[1] Sierra Club v. County Of Fresno (Friant Ranch), S219783, Fifth Appellate District, F066798, Fresno County Superior Court.

For operations, Phase 1 operational activities are estimated to be an average of 54.60 pounds per day (lbs/day), exceeding the significance threshold of 54 lbs/day. Therefore, mitigation is required to reduce Project impacts during Phase 1 operations. As such, the Project would require all future tenants and building owners to use low-volatile organic compound (VOC) paints during maintenance activities. The VOC content of paints shall not exceed 10 grams of VOCs per liter. Implementation of this mitigation measure would reduce this impact to a less-than-significant level.

Because of the updated project details used in this analysis as compared to those used in the Draft SEIR (changes include square footage of some proposed land uses, and construction phasing and equipment fleets), the conclusions with regard to the project's criteria pollutants emissions have changed with this updated analysis. For example, conclusions about construction emissions changed from less than significant for all criteria pollutants in the Draft SEIR to less than significant with mitigation in this updated analysis (due to average daily unmitigated emissions during Phase 1 construction exceeding the BAAQMD threshold); the conclusions about project operational emissions have changed from significant and unavoidable impacts (attributable to average daily and total annual NO_X and PM_{10} emissions) during full buildout operations in the Draft SEIR to less than significant for all operational scenarios including the full buildout operations.

Please refer to Chapter 2, *Results*, for additional detail on the findings of this analysis.

CHAPTER 1
Health Effects of Criteria Pollutants

Certain air pollutants have been recognized to cause notable health problems and consequential damage to the environment either directly or in reaction with other pollutants, due to their presence in elevated concentrations in the atmosphere. Such pollutants have been identified and regulated as part of the overall endeavor to prevent further deterioration and facilitate improvement in air quality. The following pollutants are regulated by the USEPA and are subject to emissions control requirements adopted by federal, state and local regulatory agencies. These pollutants are referred to as "criteria air pollutants" as a result of the specific standards, or criteria, which have been adopted for them. National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) for each of the criteria air pollutants and their effects on health are summarized in the Draft SEIR (Table 4.B-2). It must be noted that the ambient air quality standards—both federal and state—are expressed as airborne concentrations of various pollutants. Compliance with the standards is on a regional basis. In the Bay Area, compliance is demonstrated by ongoing measurements of pollutant concentrations at more than 30 air quality monitoring stations operated by the BAAQMD in all nine Bay Area counties. An exceedance of an ambient air quality standard at any one of the stations counts as a regional exceedance.

NAAQS and CAAQS have been set at levels considered safe to protect public health, including the health of sensitive populations such as asthmatics, children, and the elderly with a margin of safety; and to protect public welfare, including protection against decreased visibility and damage to animals, crops, vegetation, and buildings. As explained by the California Air Resources Board (CARB), "An air quality standard defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without any harmful effects on people or the environment."[2] That is, if a region is in compliance with the ambient air quality standards, its regional air quality can be considered protective of public health. The NAAQS are statutorily required to be set by the USEPA at levels that are "requisite to protect the public health," 42 U.S.C. § 7409(b)(1).[3] As such, the closer a region is to attaining a particular NAAQS, the lower the human health impact is from that pollutant.

A brief description of the health effects of exposure to criteria air pollutants is provided below.

[2] CARB, undated. "California Ambient Air Quality Standards (CAAQS)" webpage. Available at: https://www.arb.ca.gov/research/aaqs/caaqs/caaqs.htm, last updated August 10, 2017. Accessed February 11, 2019.

[3] See: https://www.law.cornell.edu/uscode/text/42/7409

Ozone

Ground-level Ozone is the main component of smog. Ozone is a respiratory irritant and an oxidant that increases susceptibility to respiratory infections and that can cause substantial damage to vegetation and other materials. Ozone is not emitted directly into the atmosphere, but is a secondary air pollutant produced in the atmosphere through a complex series of photochemical reactions involving ROG and NO_X. ROG and NO_X are known as precursor compounds for ozone. Significant ozone production generally requires ozone precursors to be present in a stable atmosphere with strong sunlight for approximately three hours.

Ozone is a regional air pollutant because it is not emitted directly by sources, but is formed downwind of sources of ROG and NO_X under the influence of wind and sunlight. Ozone concentrations tend to be higher in the late spring, summer, and fall, when the long sunny days combine with regional subsidence inversions to create conditions conducive to the formation and accumulation of secondary photochemical compounds, like ozone.

According to the USEPA, ozone can cause the muscles in the airways to constrict potentially leading to wheezing and shortness of breath.[4] Ozone can make it more difficult to breathe deeply and vigorously; cause shortness of breath and pain when taking a deep breath; cause coughing and sore or scratchy throat; inflame and damage the airways; aggravate lung diseases such as asthma, emphysema and chronic bronchitis; increase the frequency of asthma attacks; make the lungs more susceptible to infection; continue to damage the lungs even when the symptoms have disappeared; and cause chronic obstructive pulmonary disease.[5] Long-term exposure to ozone is linked to aggravation of asthma, and is likely to be one of many causes of asthma development and long-term exposures to higher concentrations of ozone may also be linked to permanent lung damage, such as abnormal lung development in children.[6] According to the CARB, inhalation of ozone causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms and exposure to ozone can reduce the volume of air that the lungs breathe in and cause shortness of breath.[7] The USEPA states that people most at risk from breathing air containing ozone include people with asthma, children, older adults, and people who are active outdoors, especially outdoor workers.[8] Children are at greatest risk from exposure to ozone because their lungs are still developing and they are more likely to be active outdoors when

4 USEPA, 2018. Health Effects of Ozone Pollution. Available: https://www.epa.gov/ground-level-ozone-pollution/health-effects-ozone-pollution, last updated October 10, 2018. Accessed January 8, 2019.USEPA, 2018b. Sulfur Dioxide (SO_2) Pollution. Available: https://www.epa.gov/so2-pollution/sulfur-dioxide-basics, last updated June 28, 2018. Accessed January 8, 2019.

5 USEPA, 2018. Health Effects of Ozone Pollution. Available: https://www.epa.gov/ground-level-ozone-pollution/health-effects-ozone-pollution, last updated October 10, 2018. Accessed January 8, 2019.USEPA, 2018b. Sulfur Dioxide (SO_2) Pollution. Available: https://www.epa.gov/so2-pollution/sulfur-dioxide-basics, last updated June 28, 2018. Accessed January 8, 2019.

6 Ibid.

7 CARB, 2019. Ozone & Health, Health Effects of Ozone. Available: https://ww2.arb.ca.gov/resources/ozone-and-health. Accessed January 8, 2018.

8 USEPA, 2018. Health Effects of Ozone Pollution. Available: https://www.epa.gov/ground-level-ozone-pollution/health-effects-ozone-pollution, last updated October 10, 2018. Accessed January 8, 2019.USEPA, 2018b. Sulfur Dioxide (SO_2) Pollution. Available: https://www.epa.gov/so2-pollution/sulfur-dioxide-basics, last updated June 28, 2018. Accessed January 8, 2019.

ozone levels are high, which increases their exposure.[9] According to CARB, studies show that children are no more or less likely to suffer harmful effects than adults; however, children and teens may be more susceptible to ozone and other pollutants because they spend nearly twice as much time outdoors and engaged in vigorous activities compared to adults.[10] Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults and are less likely than adults to notice their own symptoms and avoid harmful exposures.[11] Further research may be able to better distinguish between health effects in children and adults.[12]

Nitrogen Dioxide

Nitrogen dioxide (NO_2) is an air quality pollutant of concern because it acts as a respiratory irritant. NO_2 is a major component of the group of gaseous nitrogen compounds commonly referred to as NOx. A precursor to ozone formation, NOx is produced by fuel combustion in motor vehicles, stationary sources such as industrial activities, ships, aircraft, and rail transit. Typically, NOx emitted from fuel combustion is in the form of nitric oxide and NO_2. Nitric oxide is often converted to NO_2 when it reacts with ozone or undergoes photochemical reactions in the atmosphere.

Ambient air quality standards have been promulgated for NO_2, which is a reddish-brown, reactive gas.[13] The principle form of NO_X produced by combustion is nitric oxide, but nitric oxide reacts quickly in the atmosphere to form NO_2, creating the mixture of nitric oxide and NO_2 referred to as NO_X.[14] Major sources of NO_X include emissions from cars, trucks and buses, power plants, and off-road equipment.[15] The terms NO_X and NO_2 are sometimes used interchangeably. However, the term NO_X is typically used when discussing emissions, usually from combustion-related activities, and the term NO_2 is typically used when discussing ambient air quality standards. Where NO_X emissions are discussed in the context of the thresholds of significance or impact analyses, the discussions are based on the conservative assumption that all NO_X emissions would oxidize in the atmosphere to form NO_2.

According to the USEPA, NO_2 can potentially irritate airways in the human respiratory system.[16] Short-term exposures can aggravate respiratory diseases, particularly asthma, leading to respiratory symptoms (such as coughing, wheezing or difficulty breathing), hospital admissions and visits to emergency rooms and longer exposures to elevated concentrations of NO_2 may

9 Ibid.

10 CARB, 2019. Ozone & Health, Health Effects of Ozone. Available: https://ww2.arb.ca.gov/resources/ozone-and-health. Accessed January 8, 2018.

11 Ibid.

12 Ibid.

13 CARB, 2019. Nitrogen Dioxide & Health. Available: https://ww2.arb.ca.gov/resources/nitrogen-dioxide-and-health. Accessed January 8, 2019.

14 Ibid.

15 USEPA, 2016. Nitrogen Dioxide (NO_2) Pollution. Available: https://www.epa.gov/no2-pollution/basic-information-about-no2, last updated September 8, 2016. Accessed January 8, 2019.

16 USEPA, 2016. Nitrogen Dioxide (NO_2) Pollution. Available: https://www.epa.gov/no2-pollution/basic-information-about-no2, last updated September 8, 2016. Accessed January 8, 2019.

contribute to the development of asthma and potentially increase susceptibility to respiratory infections. According to CARB, controlled human exposure studies that show that NO_2 exposure can intensify responses to allergens in allergic asthmatics.[17] In addition, a number of epidemiological studies have demonstrated associations between NO_2 exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses.[18] Infants and children are particularly at risk from exposure to NO_2 because they have disproportionately higher exposure to NO_2 than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration while in adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease.[19] CARB states that much of the information on distribution in air, human exposure and dose, and health effects is specifically for NO_2 and there is only limited information for nitric oxide and NO_X, as well as large uncertainty in relating health effects to nitric oxide or NO_X exposure.[20]

Carbon Monoxide

Carbon monoxide is a non-reactive pollutant that is a product of incomplete combustion and is mostly associated with motor vehicle traffic. High CO concentrations develop primarily during winter when periods of light winds combine with the formation of ground level temperature inversions (typically from the evening through early morning). These conditions result in reduced dispersion of vehicle emissions. Motor vehicles also exhibit increased CO emission rates at low air temperatures. Unlike other criteria pollutants, whose effects are regional, CO impacts are evaluated locally. Localized areas where ambient concentrations exceed state and/or federal standards are termed CO hotspots.

When inhaled at high concentrations, CO combines with hemoglobin in the blood and reduces the oxygen-carrying capacity of the blood. This results in reduced oxygen reaching the brain, heart, and other body tissues. This condition is especially critical for people with cardiovascular diseases, chronic lung disease, or anemia. At very high levels, which are possible indoors or in other enclosed environments, CO can cause dizziness, confusion, unconsciousness and death.[21] Very high levels of CO are not likely to occur outdoors; however, when CO levels are elevated outdoors, they can be of particular concern for people with some types of heart disease since these people already have a reduced ability for getting oxygenated blood to their hearts and are especially vulnerable to the effects of CO when exercising or under increased stress.[22] In these situations, short-term exposure to elevated CO may result in reduced oxygen to the heart

17 CARB, 2019. Nitrogen Dioxide & Health. Available: https://ww2.arb.ca.gov/resources/nitrogen-dioxide-and-health. Accessed January 8, 2019.

18 Ibid.

19 Ibid.

20 Ibid.

21 USEPA, 2016. Carbon Monoxide (CO) Pollution in Outdoor Air. Available: https://www.epa.gov/co-pollution/basic-information-about-carbon-monoxide-co-outdoor-air-pollution, last updated September 8, 2016. Accessed January 8, 2019.

22 Ibid.

accompanied by chest pain also known as angina.[23] According to CARB, the most common effects of CO exposure are fatigue, headaches, confusion, and dizziness due to inadequate oxygen delivery to the brain.[24] For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance.[25] Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO.[26]

Particulate Matter

PM_{10} and $PM_{2.5}$ can be inhaled into air passages and the lungs and can cause adverse health effects. Particulate matter in the atmosphere results from many kinds of dust- and fume-producing industrial and agricultural operations, fuel combustion, and atmospheric photochemical reactions. Some sources of particulate matter, such as demolition and construction activities, are more local in nature, while others, such as vehicular traffic, have a more regional effect. Very small particles of certain substances (e.g., sulfates and nitrates) can cause lung damage directly, or can contain adsorbed gases (e.g., chlorides or ammonium) that may be injurious to health.

As long ago as 1999, BAAQMD CEQA Guidelines reported that studies showed that elevated particulate levels contribute to the death of approximately 200 to 500 people per year in the Bay Area. Compelling evidence suggests that $PM_{2.5}$ is by far the most harmful air pollutant in the Bay Area air in terms of the associated impact on public health. A large body of scientific evidence indicates that both long-term and short-term exposure to $PM_{2.5}$ can cause a wide range of health effects (e.g., aggravating asthma and bronchitis, causing visits to the hospital for respiratory and cardiovascular symptoms, and contributing to heart attacks and deaths) (BAAQMD, 2017a).[27] According to CARB, both PM_{10} and $PM_{2.5}$ can be inhaled, with some depositing throughout the airways.[28] PM_{10} is more likely to deposit on the surfaces of the larger airways of the upper region of the lung while $PM_{2.5}$ is more likely to travel into and deposit on the surface of the deeper parts of the lung, which can induce tissue damage, and lung inflammation.[29] Short-term (up to 24 hours duration) exposure to PM_{10} has been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits. The effects of long-term (months or years) exposure to PM_{10} are less clear, although studies suggest a link between long-term PM_{10} exposure and respiratory mortality and the International Agency for Research on Cancer published a review in 2015 that

23 Ibid.

24 CARB, 2019. Carbon Monoxide & Health. Available: https://ww2.arb.ca.gov/resources/carbon-monoxide-and-health. Accessed January 8, 2019.

25 Ibid.

26 Ibid.

27 CARB, 2017. Inhalable Particulate Matter and Health (PM2.5 and PM10). Available: https://www.arb.ca.gov/research/aaqs/common-pollutants/pm/pm.htm, last reviewed August 10, 2017. Accessed January 8, 2019.

28 Ibid.

29 Ibid.

concluded that particulate matter in outdoor air pollution causes lung cancer.[30] Short-term exposure to $PM_{2.5}$ has been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days and long-term exposure to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children.[31] According to CARB, populations most likely to experience adverse health effects with exposure to PM_{10} and $PM_{2.5}$ include older adults with chronic heart or lung disease, children, and asthmatics.[32] Children and infants are susceptible to harm from inhaling pollutants such as PM_{10} and $PM_{2.5}$ compared to healthy adults because they inhale more air per pound of body weight than do adults, spend more time outdoors, and have developing immune systems.[33]

Other Criteria Pollutants

Sulfur dioxide (SO_2) is a combustion product of sulfur or sulfur-containing fuels such as coal. SO_2 is also a precursor to the formation of atmospheric sulfate and particulate matter (both PM_{10} and $PM_{2.5}$) and contributes to potential atmospheric sulfuric acid formation that could precipitate downwind as acid rain. In the Bay Area, high concentrations of SO_2 are only a concern in areas close to refinery operations. According to the USEPA, short-term exposures to SO_2 can harm the human respiratory system and make breathing difficult.[34] According to CARB, health effects at levels near the State one-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath and chest tightness, especially during exercise or physical activity.[35] Exposure at elevated levels of SO_2 (above 1 ppm) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality.[36] Children, the elderly, and those with asthma, cardiovascular disease, or chronic lung disease (such as bronchitis or emphysema) are most likely to experience the adverse effects of SO_2.[37, 38]

Lead has a range of adverse neurotoxic health effects, and was formerly released into the atmosphere primarily via the combustion of leaded gasoline. The phase-out of leaded gasoline in California resulted in decreasing levels of atmospheric lead. In the Bay Area, high concentrations of lead are only a concern in areas close to general aviation airports. Lead can adversely affect the nervous system, kidney function, immune system, reproductive and developmental systems and

30 Ibid.
31 Ibid.
32 Ibid.
33 Ibid.
34
35 CARB, 2019. Sulfur Dioxide & Health. Available: https://ww2.arb.ca.gov/resources/sulfur-dioxide-and-health. Accessed January 8, 2019.
36 Ibid.
37 Ibid.
38 USEPA, 2018. Sulfur Dioxide (SO_2) Pollution. Available: https://www.epa.gov/so2-pollution/sulfur-dioxide-basics, last updated June 28, 2018. Accessed January 8, 2019.

the cardiovascular system, and affects the oxygen carrying capacity of blood.[39] The lead effects most commonly encountered in current populations are neurological effects in children, such as behavioral problems and reduced intelligence, anemia, and liver or kidney damage.[40] Excessive lead exposure in adults can cause reproductive problems in men and women, high blood pressure, kidney disease, digestive problems, nerve disorders, memory and concentration problems, and muscle and joint pain.[41]

39 USEPA, 2017. Lead Air Pollution. Available: https://www.epa.gov/lead-air-pollution/basic-information-about-lead-air-pollution, last updated November 29, 2017. Accessed January 8, 2019.

40 CARB, 2019. Lead & Health. Available: https://ww2.arb.ca.gov/resources/lead-and-health. Accessed January 8, 2019.

41 Ibid.

CHAPTER 2
Modeling Methods and Assumptions

Construction Modeling

Project construction-related emissions of ROG, NO_X, PM_{10}, and $PM_{2.5}$ exhaust (e.g., off-road equipment exhaust and on-road vehicle exhaust) were estimated primarily using the California Emissions Estimator Model (CalEEMod) version 2016.3.2. Additional calculations (i.e., emissions from vendor truck and haul truck idling) were prepared outside of CalEEMod to supplement the analysis. Detailed emission calculations are provided in Appendix A of this memo. Sections below present the primary assumptions used to model construction emissions. **Table 1**, **Project Characteristics**, shows the project's proposed land uses.

The following modeling methods and assumptions were used to estimate construction emissions.

1. Construction Schedule and Off-road Equipment

    a. Schedule

        i. **Table 2**, **Estimated Project Construction Schedule***,* shows the construction phasing schedule that is consistent with the HRA. The schedule is based on project-specific construction-phasing schedule provided by the City (including information provided by Costco) for Phase 1A and the total duration of Phase 1B and Phase 2.

    b. Off-road construction equipment

        i. **Table 3, Construction Equipment Fleet,** shows the off-road equipment fleet used in this analysis. The equipment list was estimated based on what the City (including information provided by Costco) provided for Phase 1A and the CalEEMod default fleet for various land uses for Phase 1B and Phase 2. Equipment horsepower and load factors are CalEEMod default values.

        ii. To calculate mitigated off-road construction emissions, all equipment greater than 50 horsepower was modeled as Tier 3 engines in the CalEEMod Construction mitigation tab.

2. On-road Sources

    a. Vendor and haul truck travel

        i. Daily vendor trips delivering materials and supplies to the project site would occur during all phases of construction. Consistent with the HRA, this analysis assumed a

total of 1,360 truck trips for soil import, 2,040 concrete truck trips, 3,330 vendor truck trips, and 39 paving truck trips over the entire construction duration for both Phase 1 and Phase 2. Phase 1A construction would require approximately 400 soil import truck trips, 600 concrete truck trips, 1,050 vendor truck trips, and 7 paving truck trips; Phase 1B construction would require approximately 340 soil import truck trips, 510 concrete truck trips, 970 vendor truck trips, and 11 paving truck trips; and Phase 2 construction would require 620 soil import truck trips, 930 concrete trucks, 1,310 vendor truck trips, and 21 paving truck trips (all numbers above refer to round-trips). The number of vendor trips is based on project-specific information provided by the applicant. Vendor trip lengths are the CalEEMod default of 7.3 miles.

b. Vendor truck and haul truck idling

   i. Idling activities would total 15 minutes per trip, representing three separate 5-minute idling occurrences: check-in to the site or queuing at the site boundary upon arrival, on-site idling during loading/unloading, and check-out of the site or queuing at the site boundary upon departure.

   ii. Idling emission rates for the heavy-heavy duty truck (HHDT) category were generated using the California Air Resources Board's (CARB) 2017 EMission FACtor (EMFAC2017) model.

c. Worker trips

   i. Daily worker trips traveling to the project site would occur during all phases of construction. The number of workers for each phase were estimated in CalEEMod based on the equipment quantities in each phase of construction.

   ii. Worker trip lengths are the CalEEMod default of 10.8 miles.

3. Architectural Coatings

   i. The analysis estimated emissions of reactive organic gases (ROG) from applications of architectural coatings (i.e., paint) using CalEEMod and the CalEEMod default emission factors.

TABLE 1
PROJECT CHARACTERISTICS

Phase	Land Use Values
Phase 1A	
Club Retail (Costco)	148,000 SF
Costco Gas Station	20 pumps
Phase 1B	
Hotel	231 rooms/ 132,000 SF
Retail	5,000 SF
Phase 2	
Retail	184,037 SF

TABLE 2
ESTIMATED PROJECT CONSTRUCTION SCHEDULE

Phase and Sub-Phase	Start Date	End Date	Workdays[a]
Phase 1A			
Phase 1A-Grading/Excavation	4/6/2020	5/10/2020	30
Phase 1A-Drainage/Utilities/Sub-Grade	4/22/2020	4/29/2020	7
Phase 1A-Foundations/Concrete Pour	4/29/2020	5/15/2020	15
Phase 1A-Building Construction	5/16/2020	7/24/2020	60
Phase 1A-Architectural Coatings	5/28/2020	7/24/2020	50
Phase 1A-Paving	7/17/2020	7/24/2020	7
Phase 1B			
Phase 1B-Grading/Excavation	4/6/2020	6/15/2020	51
Phase 1B-Drainage/Utilities/Sub-Grade	6/16/2020	6/30/2020	11
Phase 1B-Foundations/Concrete Pour	7/1/2020	7/30/2020	22
Phase 1B-Building Construction	7/31/2020	2/23/2021	148
Phase 1B-Architectural Coatings	2/24/2021	3/20/2021	18
Phase 1B-Paving	3/21/2021	4/5/2021	11
Phase 2			
Phase 2-Demolition	1/7/2030	2/3/2030	20
Phase 2-Grading/Excavation	2/4/2030	3/2/2030	20
Phase 2-Drainage/Utilities/Sub-Grade	3/3/2030	4/6/2030	25
Phase 2-Foundations/Concrete Pour	4/6/2030	4/28/2030	15
Phase 2-Building Construction	4/30/2030	11/11/2030	140
Phase 2-Architectural Coatings	11/12/2030	12/9/2030	20
Phase 2-Paving	12/10/2030	1/7/2031	21

NOTES:
[a] Phase 1A construction would occur 6 days per week and Phases 1B and 2 would occur 5 days per week.

SOURCE: ESA 2019

TABLE 3
CONSTRUCTION EQUIPMENT FLEET

Phase/Equipment Type	Number of Equipment	Engine Horsepower
Phase 1A		
Air Compressors	1	78
Cement and Mortar Mixers	60	9
Dumpers/Tenders	1	16
Forklifts	3	89
Generator Sets	2	84
Graders	3	187
Off-Highway Tractors	16	124

Off-Highway Trucks	6	402
Paving Equipment	2	132
Pumps	1	84
Rollers	6	80
Rubber Tired Dozers	1	247
Scrapers	6	367
Skid Steer Loaders	3	65
Tractors/Loaders/Backhoes	1	97
Welders	1	46
Phase 1B		
Air Compressors	1	78
Cranes	2	231
Excavators	1	158
Forklifts	7	89
Generator Sets	2	84
Graders	1	187
Off-Highway Trucks	1	402
Pavers	2	130
Paving Equipment	2	132
Pumps	1	84
Rollers	2	80
Rubber Tired Dozers	4	247
Tractors/Loaders/Backhoes	13	97
Welders	2	46
Phase 2		
Air Compressors	1	78
Concrete/Industrial Saws	1	81
Cranes	2	231
Excavators	3	158
Forklifts	6	89
Generator Sets	2	84
Graders	2	187
Off-Highway Trucks	2	402
Pavers	2	130
Paving Equipment	2	132
Pumps	1	84
Rollers	2	80
Rubber Tired Dozers	5	247
Scrapers	6	367
Tractors/Loaders/Backhoes	12	97

Welders	1	46

Operational Modeling

This analysis used CalEEMod version 2016.3.2 to estimate operational emissions associated with project trips (light-duty vehicles), energy consumption, and miscellaneous area sources including natural gas combustion and consumer products. Additional operational emission calculations were prepared outside of CalEEMod, including those for the gas station, emergency generators, delivery trucks, and transportation refrigeration units (TRU). Detailed calculations are presented in Appendix A. The primary assumptions used to model operational emissions are presented below.

1. Mobile Sources – non-delivery vehicles

    a. Mobile source emissions were calculated using CalEEMod and Project-specific trip rates. Compared to the land uses in the traffic study, the square footage of some land uses have changed slightly, therefore, the trip rates in the Project's traffic study were prorated based on square footage for each land use.[42]

    b. The CalEEMod default fleet mix was modified to include all vehicle types except heavy-heavy-duty (HHD) trucks because emissions for HHD trucks are calculated separately as described below.

2. Energy and Area Sources

    a. Emissions from natural gas combustion in heaters and boilers and miscellaneous area sources, including landscaping equipment, consumer products, paint and other architectural coatings, were generated using CalEEMod. Emissions were based on the square footage of the proposed land uses. Default CalEEMod energy usage rates were used in the modeling. Since most of the project's land uses are commercial and would not be associated with extensive consumer product use (such as hairsprays and aerosols), this analysis assumed consumer product emissions would only be attributed to the hotel land use.

3. Gas Station

    a. Stationary emission sources

        i. This analysis assumes the gas station will comply with the best achievable control technology (BACT) and use enhanced Phase I and Phase II vapor recovery systems (EVR). Emissions from stationary sources at the gas station were calculated based on the annual gasoline throughput of approximately 26,640,000 gallons, as provided by the City, and the CARB recommended total organic gases (TOG) emission factors for EVR systems.[43]

[42] Johnson Drive Economic Development Zone Transportation Impact Analysis, Fehr & Peers, 2015.

[43] Revised Emissions Factors for Gasoline Marketing Operations at California Gasoline Dispensing Facilities. December 23, 2013 (CARB, 2013)., Fehr & Peers, 2015.

b. Mobile emission sources

   i. In addition to emissions associated with fuel delivery trucks and customer trips as discussed above for operational mobile sources, this analysis also included tailpipe ROG emissions from customer vehicle queuing/idling and startup. It was assumed each customer vehicle will idle at the gas station for a total of 10 minutes. This is a conservative assumption which is likely to overestimate the average customer idling time and idling-related emissions. The idling emission factors for customer vehicles at gas station were derived from EMFAC2017 emission factor for gasoline-fueled light-duty vehicles at 5 miles per hour (mph).

4. Emergency Generators

   a. The analysis assumed the Costco and hotel would each have a diesel emergency generator. The generators would be located at ground level. Each generator would have a rating of 1,300 horsepower (1,000 kilowatts). Diesel-powered emergency generator emissions were estimated outside of CalEEMod using emissions limits established for new stationary emergency standby diesel-fueled internal combustion engines in CARB's Airborne Toxic Control Measure for Stationary Compression Ignition Engines final regulation for model year 2008 and newer engines of HP > 750.[44] Emissions were estimated based on a maximum annual non-emergency operation schedule of 50 hours each, consistent with emergency standby engine testing limits established in BAAQMD Regulation 9-8-330.3.

5. Delivery Truck Travel and Idling

   a. This study conservatively assumed the delivery truck trips were additional to the project traffic estimated in the traffic study, i.e., all trips in the traffic study were assumed to be non-HHD vehicle trips and have already been accounted for in the non-delivery vehicles mobile source category above.

   b. Daily delivery truck vehicle trip emissions were estimated outside of CalEEMod using emission factors from EMFAC2017 for the HHDT vehicle category. It was assumed that all trucks were diesel-powered. The Costco delivery truck fleet has an average model year of 2016 based on information provided by the City; therefore, emission factors for model year 2016 were applied to Costco delivery trucks. Non-Costco delivery trucks utilized emission factors based on an aggregate model year from EMFAC2017.

   c. The number of daily delivery trucks for Phase 1A were provided by the City. Delivery trucks for Phase 1B and Phase 2 were estimated based on the Project's traffic study and the CalEEMod default fleet percentage for the HHDT vehicle category. Number of truck trips were estimated by multiplying the traffic study's daily trip rate by the HHDT portion of the CalEEMod fleet mix.[45] The number of trucks operating per day (i.e. round trips) are shown below in **Table 4**, **Daily Truck Deliveries**.

   d. Travel emissions for Costco delivery trucks, including warehouse and gasoline fuel trucks, were based on travel distances to their respective distribution facilities which were

[44] California Air Resources Board. 2011. Final Regulation Order: *Airborne Toxic Control Measure For Diesel Particulate Matter From Portable Engines Rated At 50 Horsepower And Greater*. February 11. Available at https://www.arb.ca.gov/portable/perp/perpatcm.pdf. Accessed January 2019.

[45] Johnson Drive Economic Development Zone Transportation Impact Analysis, Fehr & Peers, 2015.

provided by the City. Costco warehouse trucks delivering goods to Costco have an estimated trip length of 24.5 miles based on the distance to the Tracy depot facility. Costco trucks delivering fuel to the gas station have an estimated trip length of 30 miles based on the distance to the nearest fuel delivery location in Benicia. Travel emissions for non-Costco delivery trucks were estimated assuming 7.3 miles per trip, which is the CalEEMod default trip length for "commercial-nonwork" trip types. Commercial-nonwork trips represent trips associated with commercial land uses other than customers or workers, such as delivery vehicles of goods.[46]

e. Idling emissions were estimated assuming 15 minutes of idling per trip, representing three separate 5-minute idling occurrences: check-in to the site or queuing at the site boundary upon arrival, on-site idling during loading/unloading, and check-out of the site or queuing at the site boundary upon departure.

f. Starting emissions were estimated based on the total number of trips for delivery trucks.

6. Transportation Refrigeration Units (TRUs)

a. Delivery trucks would generate exhaust emissions from the use of truck-mounted diesel-powered TRUs. Consistent with the HRA, it was assumed that 75 percent of Costco trucks, 25 percent of all other project trucks (including hotel and retail delivery trucks) operate a TRU for two hours per trip on any given day. TRU emissions were based on emission factors from CARB's ATCM and Tier 4 Final standards for diesel engines.

TABLE 4
DAILY TRUCK DELIVERIES [a]

Source	Trucks per Day (round trips) [b]
Phase 1	
Costco Store	10
Costco Gas Station	6
Hotel/Retail	29
Phase 2	
Retail	83

NOTES:

[a] Daily trucks for the Costco store, and the Costco gas station were based on information from the City (including information provided by Costco). Daily trucks for the hotel and retail land uses were based on the daily trips generated by these land uses, as supplied by the SEIR's Traffic Study, and multiplied by the HHDT default fleet mix percentage from CalEEMod.

[b] The total number of trucks per day represents the number of daily round-trip truck trips assumed in the modeling.

Source: ESA 2019

46 CalEEMod User's Guide, Appendix A, p.21, http://caleemod.com/. Accessed January 2019.

CHAPTER 3
Results

This section summarizes the results of the construction and operations analysis for the Project. Detailed calculations and modeling files are attached in Appendix A.

Construction Emissions

Table 5, Average Daily Unmitigated Construction Emissions by Source, presents the average daily unmitigated construction emissions by source (e.g., off-road equipment). Threshold exceedances are shown in bold text (the BAAQMD thresholds are 54 pounds per day of ROG, NO_X, and $PM_{2.5}$ exhaust and 82 pounds per day of PM_{10} exhaust). As shown, except for the unmitigated NO_X emissions during Phase 1, construction emissions are below the applicable BAAQMD significance thresholds. The average daily NO_X emissions for Phase 1 are 55.7 lbs/day, exceeding the BAAQMD threshold of 54 lbs/day. Therefore, mitigation is required to reduce Phase 1 construction emissions. Compared to the conclusion of less than significant for all criteria pollutants in Draft SEIR regarding construction emissions, the changed conclusion in this updated analysis can be attributed to the updated project details including square footage of some proposed land uses, construction phasing, off-road construction equipment fleets, and truck trips.

TABLE 5
AVERAGE DAILY UNMITIGATED CONSTRUCTION EMISSIONS BY SOURCE

	Average Daily Emissions (pounds/day) [a]			
Phase / Source [b]	**ROG**	**NO_X**	**PM_{10} Exhaust**	**$PM_{2.5}$ Exhaust**
Phase 1				
Off-Road Equipment	4.76	46.85	2.27	2.12
Paving	0.46	0.00	0.00	0.00
Architectural Coating	11.73	0.00	0.00	0.00
Hauling - travel	0.23	8.20	0.03	0.03
Hauling - idling	0.02	0.29	0.00	0.00
Vendor Trucks	0.00	0.00	0.00	0.00
Worker Trips	0.56	0.40	0.01	0.01
Phase Subtotal	17.76	**55.74**	2.31	2.16
BAAQMD Thresholds	54	54	82	54
Threshold Exceeded?	No	**Yes**	No	No
Phase 2				

Off-Road Equipment	1.88	9.72	0.26	0.26
Paving	0.24	0.00	0.00	0.00
Architectural Coating	8.03	0.00	0.00	0.00
Hauling - travel	0.10	3.16	0.01	0.01
Hauling - idling	0.01	0.18	0.00	0.00
Vendor Trucks	0.00	0.00	0.00	0.00
Worker Trips	0.31	0.16	0.01	0.01
Phase Subtotal	10.58	13.22	0.28	0.28
BAAQMD Thresholds	54	54	82	54
Threshold Exceeded?	No	No	No	No

NOTES:

[a] **Bold values** = threshold exceedance

[b] Categories defined as follows:
Off-Road Equipment = operating emissions from heavy-duty equipment, such as bulldozers, cranes, and excavators. Refer to Tables 3 for equipment activity assumptions. Emissions were modeled using CalEEMod.
Paving = Fugitive ROG emissions from asphalt paving. Emissions were modeled using CalEEMod.
Architectural Coatings = Fugitive ROG emissions from the application of architectural coatings. Emissions were modeled using CalEEMod.
Vendor/Hauling - travel = Travel emissions from heavy-duty on-road vendor/haul trucks. Emissions were modeled using CalEEMod.
Vendor/Haul Truck idling = Operating emissions from heavy-duty on-road vendor trucks. The analysis assumed that each haul truck would idle 15 minutes while unloading soil or material on the project site. Emissions were modeled outside CalEEMod using EMFAC2017 emission factors.
Worker Trips = Operating emission from employee vehicles. Emissions were modeled using CalEEMod.

ABBREVIATIONS:
ROG = reactive organic gases
NO_X = oxides of nitrogen
PM_{10} = particulate matter less than or equal to 10 microns in diameter
$PM_{2.5}$ = particulate matter less than or equal to 2.5 microns in diameter
CalEEMod = CALifornia Emissions Estimator MODel

SOURCE: ESA, 2019

As shown in Table 5 above, the average daily unmitigated construction emissions of NOx for Phase 1 would exceed the BAAQMD threshold of 54 lbs/day and mitigation measures are required. Consequently, implementation of **Mitigation Measure M-AQ-1** would require all construction equipment greater than 50 horsepower to meet USEPA Tier 3 engine emissions standards. With implementation of Mitigation Measure AQ-1, Phase 1 construction emissions of NO_X would be reduced to 41.9 lbs/day, below the BAAQMD threshold, as shown below in **Table 6, Average Daily Mitigated Construction Emissions by Source**. Therefore, Phase 1 construction impacts would be reduced to a less-than-significant level with mitigation. Construction-period emissions of other criteria pollutants would be below BAAQMD thresholds during Phase 1.

As also shown in Table 5, average daily unmitigated construction emissions for Phase 2 would not exceed the BAAQMD thresholds for any of the criteria pollutants, and therefore no mitigation would be required for Phase 2 construction.

TABLE 6
AVERAGE DAILY MITIGATED CONSTRUCTION EMISSIONS BY SOURCE

	Average Daily Emissions (pounds/day) [a]			
Phase / Source [b]	**ROG**	**NO_X**	**PM_{10} Exhaust**	**$PM_{2.5}$ Exhaust**
Phase 1				
Off-Road Equipment	2.08	33.04	1.70	1.70
Paving	0.46	0.00	0.00	0.00
Architectural Coating	11.73	0.00	0.00	0.00
Hauling - travel	0.23	8.20	0.03	0.03
Hauling - idling	0.02	0.29	0.00	0.00
Vendor Trucks	0.00	0.00	0.00	0.00
Worker Trips	0.56	0.40	0.01	0.01
Phase Subtotal	15.09	41.93	1.73	1.73
BAAQMD Thresholds	54	54	82	54
Threshold Exceeded?	No	No	No	No

NOTES:

[a] **Bold values** = threshold exceedance

[b] Categories defined as follows:
Off-Road Equipment = operating emissions from heavy-duty equipment, such as bulldozers, cranes, and excavators. Refer to Tables 3 for equipment activity assumptions. Emissions were modeled using CalEEMod.
Paving = Fugitive ROG emissions from asphalt paving. Emissions were modeled using CalEEMod.
Architectural Coatings = Fugitive ROG emissions from the application of architectural coatings. Emissions were modeled using CalEEMod.
Vendor/Hauling - travel = Travel emissions from heavy-duty on-road vendor/haul trucks. Emissions were modeled using CalEEMod.
Vendor/Haul Truck idling = Operating emissions from heavy-duty on-road vendor trucks. The analysis assumed that each haul truck would idle 15 minutes while unloading soil or material on the project site. Emissions were modeled outside CalEEMod using EMFAC2017 emission factors.
Worker Trips = Operating emission from employee vehicles. Emissions were modeled using CalEEMod.

ABBREVIATIONS:
ROG = reactive organic gases
NO_X = oxides of nitrogen
PM_{10} = particulate matter less than or equal to 10 microns in diameter
$PM_{2.5}$ = particulate matter less than or equal to 2.5 microns in diameter
CalEEMod = CALifornia Emissions Estimator MODel

SOURCE: ESA, 2019

Fugitive Dust

Project-related demolition, excavation, grading, and other construction activities could cause wind-blown dust that would contribute particulate matter into the local atmosphere. Dust can be an irritant causing watering eyes or irritation to the lungs, nose, and throat. Depending on exposure, adverse health effects can occur due to particulate matter in general and also due to specific contaminants such as lead or asbestos that may be constituents of soil or the demolished buildings. Additional potential health effects related to exposure to particulate matter are discussed in Chapter 1.

Rather than quantifying fugitive dust emissions to evaluate impacts, BAAQMD emphasizes the implementation of appropriate mitigation measures for dust control during all construction activities. The BAAQMD Guidelines provide feasible control measures for construction emission of PM_{10} and implementation of these measures would ensure that construction impacts from fugitive dust would be less than significant. The BAAQMD recommended dust control measures are listed in DSEIR **Mitigation Measure 4.B-1**. With the implementation of this Mitigation Measure, the Project's fugitive dust impacts would be mitigated to less than significant.

Mitigation of Construction-Related Air Quality Impacts

To address NO_X emissions that would exceed significance thresholds during construction of the proposed project, **Mitigation Measure M-AQ-1, Construction Emissions Minimization** has been identified and would apply during all construction phases.

> **Mitigation Measure M-AQ-1: Construction Emissions Minimization.** The project sponsor or the project sponsor's contractor shall comply with the following:
>
> 1. All off-road equipment (including water construction equipment used onboard barges) greater than 50 horsepower shall have engines that meet Tier 3 off-road emission standards.
> 2. Diesel engines, whether for off-road or on-road equipment, shall not be left idling for more than two minutes, at any location, except as provided in exceptions to the applicable state regulations regarding idling for off-road and on-road equipment (e.g., traffic conditions, safe operating conditions). The contractor shall post legible and visible signs in English, Spanish, and Chinese, in designated queuing areas and at the construction site to remind operators of the two-minute idling limit.
> 3. The contractor shall instruct construction workers and equipment operators on the maintenance and tuning of construction equipment, and require that such workers and operators properly maintain and tune equipment in accordance with manufacturer specifications.

Operational Emissions

Due to the phasing of Project construction, there are three potential operational emissions scenarios: (1) operation upon Phase 1 buildout in 2021 (Phase 1 Operation); (2) Phase 1 operation plus Phase 2 construction in 2030 (Phase 1 Operation + Phase 2 Construction); and (3) operation of full Project buildout in 2031 of Phase 1 and Phase 2 (Full Operation). The Draft SEIR only evaluated emissions for full-buildout of the Project, which was originally anticipated to occur by 2020. Because the Project is now anticipated to be constructed in two phases, emissions for each phase are presented below.

Overall, the Draft SEIR's estimation of full buildout operational criteria pollutants emissions concluded that buildout would result in significant and unavoidable impacts for NOx and PM_{10}, whereas this updated analysis indicates less than significant impacts for all operational scenarios including the full buildout operations. There are a number of reasons for this difference, including

the use of an updated version of CalEEMod, updated vehicle trips, revised vehicle fleet for project-generated traffic, additional emissions for light-duty vehicle idling at the gas station, new calculations for heavy-duty delivery vehicle traveling and idling using the EMFAC2017 model, revised buildout year (2031 vs. 2025), additional emissions for TRUs and fugitive ROG emissions at the gas station, incorporation of the 2019 Title 24 energy standards, and revised consumer product emissions. These differences are further discussed below.

Phase 1 Operation

Phase 1 operation would start in year 2021 and no new project activity is assumed to be added until year 2030 when Phase 2 construction starts. Given the general trend of more stringent environmental regulations and the advancement of cleaner technologies for future years, year 2021 is likely the highest emissions year for Phase 1 operation. **Table 7, Phase 1 (2021) Average Daily Unmitigated Operational Emissions by Source**, and **Table 8, Phase 1 (2021) Total Annual Unmitigated Operational Emissions by Source,** present the average daily and total annual uncontrolled operational emissions by source for the 2021 Phase 1 Operation scenario, respectively. As shown in Table 7, total ROG emissions would exceed the BAAQMD significance threshold of 54 pounds per day. Therefore, mitigation is required to reduce ROG emissions. All other pollutants would be below the applicable BAAQMD significance thresholds.

TABLE 7
PHASE 1 (2021) AVERAGE DAILY UNMITIGATED OPERATIONAL EMISSIONS BY SOURCE

	Average Daily Emissions (pounds/day)			
Source [a]	**ROG**	**NO_X**	**PM_{10}**	**$PM_{2.5}$**
Area	3.71	0.00	0.00	0.00
Energy	0.14	1.23	0.09	0.09
Non-Delivery Vehicles (Running)	13.91	36.32	54.42	14.91
Light-Duty Vehicles (Idling at Gas Station)	0.30	0.38	0.03	0.03
Delivery Vehicles (Running + Starting)	0.16	8.10	0.38	0.20
Delivery Vehicles (Idling)	0.06	0.82	0.00	0.00
TRUs	0.23	3.39	0.02	0.02
Gas Station (Evaporative)	35.90	0.00	0.00	0.00
Costco Generator	0.09	1.37	0.04	0.04
Hotel Generator	0.09	1.37	0.04	0.04
Total	***54.60***	*52.99*	*55.03*	*15.34*
BAAQMD Thresholds	54	54	82	54
Thresholds Exceeded?	Yes	No	No	No

NOTES:

[a] Categories defined as follows:
Area = Emissions from landscaping equipment, consumer products, and architectural coatings. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod. Consumer product emissions are only attributed to the hotel land use.
Energy = Emissions from natural gas combustion for space heating and cooking. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.
Non-Delivery vehicles (running) = Operating emissions from daily commercial non-delivery vehicle trips. Emission from these trips were estimated using CalEEMod.

Light-duty vehicles (idling at gas station)-Idling emissions from autos queueing in line at gas station. Emissions estimated using EMFAC2017 emissions factors and an idling time of 10 minutes.
Delivery Vehicles (Running + Starting) = Operating emissions from daily commercial delivery vehicle trips. Refer to Table 4 for the daily vehicle trips for each land use type. Emissions were estimated using emission factors from EMFAC2017.
Delivery Vehicles (Idling) = Operating emissions from daily commercial delivery vehicles idling. Emissions were estimated using emission factors from EMFAC2017 and an idling duration of 15 minutes.
Transportation Refrigeration Units (TRUs) = Operating emissions from daily TRU usage at commercial land uses. Emissions were estimated outside of CalEEMod using emission factors from ARB's ATCM and Tier 4 Final emission standards for diesel engines.
Gas Station (Evaporative) = Operating daily evaporative ROG emissions from the gas station, which includes underground storage tank loading and breathing, as well as refueling and fuel spillage.
Costco and Hotel Generators = Operating emissions from diesel-powered emergency generators.

ABBREVIATIONS:
ROG = reactive organic gases
NO_X = oxides of nitrogen
PM_{10} = particulate matter less than or equal to 10 microns in diameter
$PM_{2.5}$ = particulate matter less than or equal to 2.5 microns in diameter
CalEEMod = CALifornia Emissions Estimator MODel
TRU = transportation refrigeration unit
EMFAC2017 = the California Air Resources Board's EMission FACtors Model, 2017 version

SOURCE: ESA,2019

TABLE 8
PHASE 1 (2021) TOTAL ANNUAL UNMITIGATED OPERATIONAL EMISSIONS BY SOURCE

	Total Annual Emissions (tons/year)			
Source [a]	**ROG**	**NO_X**	**PM_{10}**	**$PM_{2.5}$**
Area	0.68	0.00	0.00	0.00
Energy	0.02	0.23	0.02	0.02
Light-Duty Vehicles (Running)	2.54	6.63	9.93	2.72
Light-Duty Vehicles (Idling at Gas Station)	0.06	0.07	0.01	0.01
Heavy Duty Trucks (Running + Starting)	0.03	1.48	0.07	0.04
Heavy Duty Trucks (Idling)	0.01	0.15	0.00	0.00
TRUs	0.04	0.62	0.00	0.00
Gas Station (Evaporative)	6.55	0.00	0.00	0.00
Costco Generator	0.02	0.25	0.01	0.01
Hotel Generator	0.02	0.25	0.01	0.01
Total	*9.96*	*9.67*	*10.04*	*2.80*
BAAQMD Thresholds	10	10	15	10
Thresholds Exceeded?	No	No	No	No

NOTES:

[a] Categories defined as follows:
Area = Emissions from landscaping equipment, consumer products, and architectural coatings. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod. Consumer product emissions are only attributed to the hotel land use.
Energy = Emissions from natural gas combustion for space heating and cooking. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.
Non-Delivery vehicles (running) = Operating emissions from daily commercial non-delivery vehicle trips. Emission from these trips were estimated using CalEEMod.
Light-duty vehicles (idling at gas station)-Idling emissions from autos queueing in line at gas station. Emissions estimated using EMFAC2017 emissions factors and an idling time of 10 minutes.
Delivery Vehicles Trucks (Running + Starting) = Operating emissions from daily commercial delivery vehicle trips. Refer to Table 4 for the daily vehicle trips for each land use type. Emissions were estimated using emission factors from EMFAC2017.
Delivery Vehicles Trucks (Idling) = Operating emissions from daily commercial delivery vehicles idling. Emissions were estimated using emission factors from EMFAC2017 and an idling duration of 15 minutes.

Transportation Refrigeration Units (TRUs) = Operating emissions from daily TRU usage at commercial land uses. Emissions were estimated outside of CalEEMod using emission factors from ARB's ATCM and Tier 4 Final emission standards for diesel engines.
Gas Station (Evaporative) = Operating daily evaporative ROG emissions from the gas station, which includes underground storage tank loading and breathing, as well as refueling and fuel spillage.
Costco and Hotel Generators = Operating emissions from diesel-powered emergency generators.

ABBREVIATIONS:
ROG = reactive organic gases
NO_X = oxides of nitrogen
PM_{10} = particulate matter less than or equal to 10 microns in diameter
$PM_{2.5}$ = particulate matter less than or equal to 2.5 microns in diameter
CalEEMod = CALifornia Emissions Estimator MODel
TRU = transportation refrigeration unit
EMFAC2017 = the California Air Resources Board's EMission FACtors Model, 2017 version

SOURCE: ESA, 2019

As shown in Table 7 above, the average daily unmitigated operational emissions of ROG for Phase 1 would exceed the BAAQMD threshold of 54 lbs/day and mitigation measures would be required. Consequently, implementation of **Mitigation Measure M-AQ-2** will require that all future tenants and building owners for Phase 1 land uses use low-VOC paints during maintenance activities. The VOC content of paints shall not exceed 10 grams of VOCs per liter. With implementation of Mitigation Measure M-AQ-2, Phase 1 ROG emissions would be 53.85 lbs/day which is below the BAAQMD threshold of 54 lbs/day, as presented in **Table 9, Phase 1 (2021) Average Daily Mitigated Operational Emissions by Source.** Therefore, with mitigation, Phase 1 operational impacts would be reduced to a less-than-significant level. As noted above, Operational emissions of other criteria pollutants would be below applicable BAAQMD thresholds during Phase 1.

TABLE 9
PHASE 1 (2021) AVERAGE DAILY MITIGATED OPERATIONAL EMISSIONS BY SOURCE

	Average Daily Emissions (pounds/day)			
Source [a]	**ROG**	**NO_X**	**PM_{10}**	**$PM_{2.5}$**
Area	2.96	0.00	0.00	0.00
Energy	0.14	1.23	0.09	0.09
Non-Delivery Vehicles (Running)	13.91	36.32	54.42	14.91
Light-Duty Vehicles (Idling at Gas Station)	0.30	0.38	0.03	0.03
Delivery Vehicles (Running + Starting)	0.16	8.10	0.38	0.20
Delivery Vehicles (Idling)	0.06	0.82	0.00	0.00
TRUs	0.23	3.39	0.02	0.02
Gas Station (Evaporative)	35.90	0.00	0.00	0.00
Costco Generator	0.09	1.37	0.04	0.04
Hotel Generator	0.09	1.37	0.04	0.04
Total	*53.85*	*52.99*	*55.03*	*15.34*
BAAQMD Thresholds	54	54	82	54
Thresholds Exceeded?	No	No	No	No

NOTES:

[a] Categories defined as follows:
Area = Emissions from landscaping equipment, consumer products, and architectural coatings. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod. Consumer product emissions are only attributed to the hotel land use.
Energy = Emissions from natural gas combustion for space heating and cooking. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.
Non-Delivery vehicles (running) = Operating emissions from daily commercial non-delivery vehicle trips. Emission from these trips were estimated using CalEEMod.
Light-duty vehicles (idling at gas station)-Idling emissions from autos queueing in line at gas station. Emissions estimated using EMFAC2017 emissions factors and an idling time of 10 minutes.
Delivery Vehicles (Running + Starting) = Operating emissions from daily commercial delivery vehicle trips. Refer to Table 4 for the daily vehicle trips for each land use type. Emissions were estimated using emission factors from EMFAC2017.
Delivery Vehicles (Idling) = Operating emissions from daily commercial delivery vehicles idling. Emissions were estimated using emission factors from EMFAC2017 and an idling duration of 15 minutes.
Transportation Refrigeration Units (TRUs) = Operating emissions from daily TRU usage at commercial land uses. Emissions were estimated outside of CalEEMod using emission factors from ARB's ATCM and Tier 4 Final emission standards for diesel engines.
Gas Station (Evaporative) = Operating daily evaporative ROG emissions from the gas station, which includes underground storage tank loading and breathing, as well as refueling and fuel spillage.
Costco and Hotel Generators = Operating emissions from diesel-powered emergency generators.

ABBREVIATIONS:
ROG = reactive organic gases
NO_X = oxides of nitrogen
PM_{10} = particulate matter less than or equal to 10 microns in diameter
$PM_{2.5}$ = particulate matter less than or equal to 2.5 microns in diameter
CalEEMod = CALifornia Emissions Estimator MODel
TRU = transportation refrigeration unit
EMFAC2017 = the California Air Resources Board's EMission FACtors Model, 2017 version

SOURCE: ESA,2019

Mitigation of Phase 1 Operational-Related Air Quality Impacts

To address ROG emissions that would exceed significance thresholds during operation of Phase 1, **Mitigation Measure M-AQ-2, Low-VOC Architectural Coatings** has been identified and would apply during operation of Phase 1.

> **Mitigation Measure M-AQ-2: Low-VOC Architectural Coatings.** The project sponsor shall require that all future tenants at the Project site use low- and super-compliant VOC architectural coatings during any maintenance or repainting activities. "Low-VOC" refers to paints that meet the more stringent regulatory limits in South Coast Air Quality Management District rule 1113; however, many manufacturers have reformulated to levels well below these limits. These are referred to as "Super-Compliant" architectural coatings.

Phase 1 Operation plus Phase 2 Construction (2030-2031)

Table 10, Average Daily Unmitigated Construction Plus Operational Emissions, and **Table 11, Total Annual Unmitigated Construction Plus Operational Emissions**, present the average daily and total annual uncontrolled emissions by source (e.g., area) for the Phase 1 Operation plus Phase 2 Construction scenario, respectively. Upon Phase 2 construction commencing in 2030, all existing land uses would be removed along with their associated operational emissions. Therefore, the analysis takes into account daily and annual emissions from approximately 224,688 square feet of existing uses within the EDZ area. Emissions associated with existing land uses were subtracted from total project emissions at full buildout to determine the *net* emissions

associated with the Project.[47] The resulting net emissions are compared to the BAAQMD significance thresholds.

As shown in Tables 10 and 11, all criteria pollutant emissions are below the below the applicable BAAQMD significance thresholds and no mitigation is required.

TABLE 10
AVERAGE DAILY UNMITIGATED CONSTRUCTION PLUS OPERATIONAL EMISSIONS

	Average Daily Emissions (pounds/day)			
Source	**ROG**	**NO_X**	**PM_{10} [a]**	**$PM_{2.5}$ [a]**
Phase 2 Construction	10.58	13.22	0.28	0.28
Phase 1 Operation	48.97	36.98	54.78	15.12
Construction + Operation Subtotal	59.54	50.20	55.06	15.40
Existing Operational Emissions [b]	13.00	27.00	10.00	3.00
Net Project Emissions [c]	*46.54*	*23.20*	*45.06*	*12.40*
BAAQMD Thresholds	54	54	82	54
Thresholds Exceeded?	No	No	No	No

NOTES:

[a] Construction emissions of PM_{10} and $PM_{2.5}$ are exhaust emissions only; operational emissions of PM_{10} and $PM_{2.5}$ are exhaust and fugitive dust.

[b] Existing emissions obtained from the Air Quality section of the Draft SEIR.

[c] Net Project Emissions = construction + operation subtotal for the Project minus existing operational emissions.

ABBREVIATIONS:
ROG = reactive organic gases
NO_X = oxides of nitrogen
PM_{10} = particulate matter less than or equal to 10 microns in diameter
$PM_{2.5}$ = particulate matter less than or equal to 2.5 microns in diameter

SOURCE: ESA, 2019

TABLE 11
TOTAL ANNUAL UNMITIGATED CONSTRUCTION PLUS OPERATIONAL EMISSIONS

	Total Annual Emissions (tons/year)			
Source	**ROG**	**NO_X**	**PM_{10} [a]**	**$PM_{2.5}$ [a]**
Phase 2 Construction	1.39	1.73	0.04	0.04
Phase 1 Operation	8.94	6.75	10.00	2.76
Construction + Operation Subtotal	10.32	8.48	10.03	2.80
Existing Operational Emissions [b]	2.00	4.00	2.00	1.00
Net Project Emissions [c]	*8.32*	*4.48*	*8.03*	*1.80*
BAAQMD Thresholds	10	10	15	10
Thresholds Exceeded?	No	No	No	No

[47] Per BAAQMD guidelines, and consistent with CEQA's requirement to analyze the project-generated change from existing conditions, because the Project will remove existing uses, this analysis subtracts existing emissions from the emissions associated with the Project when comparing emissions to the thresholds.

NOTES:

[a] Construction emissions of PM_{10} and $PM_{2.5}$ are exhaust emissions only; operational emissions of PM_{10} and $PM_{2.5}$ are exhaust and fugitive dust.

[b] Existing emissions obtained from the Air Quality section of the Draft SEIR.

[c] Net Project Emissions = construction + operation subtotal for the Project minus existing operational emissions.

ABBREVIATIONS:
ROG = reactive organic gases
NO_X = oxides of nitrogen
PM_{10} = particulate matter less than or equal to 10 microns in diameter
$PM_{2.5}$ = particulate matter less than or equal to 2.5 microns in diameter

SOURCE: ESA, 2019

Full Buildout Operation (2031)

Table 12, Full Buildout (2031) Average Daily Unmitigated Operational Emissions by Source and **Table 13, Full Buildout (2031) Total Annual Unmitigated Operational Emissions by Source**, below present average daily and total annual uncontrolled operational emissions by source (e.g., area) for the Full Buildout Operation (2031) scenario, respectively. As part of the Project's development, existing land uses would be removed, along with their associated operational emissions. Therefore, the analysis compares the Project's net emissions (Project minus Existing) to the thresholds. As shown, emissions during full buildout operations are below the applicable BAAQMD significance thresholds, potential impact would therefore be less than significant and mitigation measures are not needed.

Overall, the Draft SEIR's estimation of full buildout operational criteria pollutants emissions concluded that buildout would result in significant and unavoidable impacts for NO_X and PM_{10}, whereas this updated analysis indicates less than significant impacts for all operational scenarios including the full buildout operations. A comparison of emissions from the Draft SEIR and the updated analysis is presented in **Table 14, Comparison of Full Buildout Total Annual Unmitigated Operational Emissions by Source for the Updated Analysis (2031) with the Draft SEIR (2025)**, below. Compared to the Draft SEIR, the updated criteria pollutant emissions analysis includes the following major modeling revisions (additional detail on these methods is provided in Chapter 2 above):

1. Updated vehicle trips were included in the modeling, based on the DEIR traffic study and revised land use values for retail and hotel. This results in slightly fewer overall vehicle trips and slightly lower mobile source emissions compared to the Draft SEIR.

2. Mobile source emissions from project-related vehicle traffic was calculated in CalEEMod for all vehicle types except heavy-heavy-duty (HHD) delivery vehicles. Heavy-duty truck trips were separately modeled outside of CalEEMod using the EMFAC2017 model and added to the trips estimated in the Project's traffic study. The EMFAC2017 emission factors for heavy-duty trucks for ROG and NO_X are lower than the EMFAC2014 emission factors as used in the Draft SEIR, resulting in a decrease in mobile source ROG and NO_X emissions for the Project as compared to the Draft SEIR.

3. Mobile source tailpipe ROG emissions from customer vehicle queuing/idling and startup at the proposed gas station were included in this updated analysis, consistent with the HRA. The Draft SEIR did not include these emissions. This results in an increase in ROG emissions for mobile sources as compared to the Draft SEIR.

4. Emissions from heavy-duty delivery vehicles (including both traveling and idling emissions) were calculated separately from the Project's traffic study trip rates based on truck trip figures for Phase 1 developed in consultation with the Project sponsor (see Chapter 2 for additional discussion) and for Phase 2 using the Project's traffic study trip rates and default CalEEMod heavy-duty vehicle fleet mix. This is consistent with the HRA. This approach differs from the 2014 DEIR which used the default CalEEMod fleet mix for all Project trips as provided in the traffic study, including heavy-duty vehicles and buses. The updated modeling approach reflects a more accurate method of estimating emissions from heavy-duty delivery vehicles than was conducted in the Draft SEIR. This results in an overall decrease in emissions for mobile sources as compared to the Draft SEIR.

5. The Draft SEIR assumed a full buildout year of 2025 for the Project. The revised analysis assumes a 2031 full buildout year. The later buildout year reflects lower vehicle emission rates, as vehicles are cleaner and more efficient in 2031 vs. 2025. This difference is a direct product of the EMFAC2014 model as used in CalEEMod, and is a consequence of continuing improvements in vehicle efficiency, and a concomitant decrease in emissions, over time. This change results in reduced mobile source criteria pollutant emissions as compared to the Draft SEIR.

6. The Draft SEIR used CalEEMod version 2013.2.2, while the updated criteria pollutant emissions analysis uses CalEEMod version 2016.3.2. There are inherent differences in the two models, including some bug fixes, resulting in different emissions for many sources. For example, CalEEMod version 2016.3.2 incorporates EMFAC2014, while version 2013.2.2 incorporates EMFAC2011; therefore, version 2016.3.2 utilizes updated and more current and more accurate emission factors for vehicles and more accurate fleet mix values based on updated DMV registration data. The change in emissions as compared to the Draft SEIR depends on the emissions source.

7. CalEEMod version 2013.2.2 (as used in the Draft SEIR) incorporates 2008 Title 24 Energy Efficiency Standards, whereas CalEEMod version 2016.3.2 incorporates 2016 Title 24 Energy Efficiency Standards.[48] Furthermore, the revised analysis updated the energy intensity values in CalEEMod to reflect 2019 Title 24 Energy Efficiency Standards, resulting in a 30% reduction in nonresidential energy use as compared to the 2016 Title 24 Energy Efficiency Standards.[49] This change results in reductions in natural

[48] CalEEMod 2013.2.2 User's Guide, Appendix A: Calculation Methods for CalEEMod, p.31. Available at http://caleemod.com/. Accessed February 2019.

[49] California Energy Commission. N.d. *2016 Building Energy Efficiency Standards Frequently Asked Questions*. Available at https://www.energy.ca.gov/title24/2016standards/rulemaking/documents/2016_Building_Energy_Efficiency_Standards_FAQ.pdf. Accessed February 2019.

gas consumption for building heating and associated criteria pollutant emissions as compared to the Draft SEIR.

8. Emissions were calculated for two emergency diesel generators; one at the Costco warehouse and one in the hotel. The Draft SEIR did not include emissions from emergency diesel generators as none were specifically identified at the time the Draft SEIR was prepared. This results in an increase in criteria pollutant emissions for stationary sources as compared to the Draft SEIR.

9. Emissions were also calculated for truck-mounted diesel-powered TRUs on delivery trucks. The Draft SEIR did not separately include emissions from TRUs. This results in an increase in criteria pollutant emissions for stationary sources as compared to the Draft SEIR.

10. The consumer product usage rate was adjusted to account for the fact that most of the project's land uses are commercial and would not be associated with extensive consumer product use (such as hairsprays and aerosols). This analysis assumed consumer product emissions would only be attributed to the hotel land use. This change results in a substantial decrease in area source ROG emissions for the project as compared to the Draft SEIR.

11. Stationary source evaporative (fugitive) ROG emissions from the proposed gas station were estimated in this updated analysis. This includes customer fueling, fuel spillage, and venting from an underground storage tank. The Draft SEIR did not explicitly include fugitive ROG emissions from the gas station. This results in an increase in ROG emissions for stationary sources as compared to the Draft SEIR.

TABLE 12
FULL BUILDOUT (2031) AVERAGE DAILY UNMITIGATED OPERATIONAL EMISSIONS BY SOURCE

	Average Daily Emissions (pounds/day)			
Source [a]	**ROG**	**NO_X**	**PM_{10}**	**$PM_{2.5}$**
Area	4.30	0.00	0.00	0.00
Energy	0.14	1.32	0.10	0.10
Non-Delivery Vehicles (Running)	13.19	32.24	87.00	23.62
Light-Duty Vehicles (Idling at Gas Station)	0.09	0.14	0.02	0.02
Delivery Vehicles (Running + Starting)	0.19	23.26	0.98	0.48
Delivery Vehicles (Idling)	0.27	3.41	0.00	0.00
TRUs	0.87	12.85	0.08	0.08
Gas Station (Evaporative)	35.90	0.00	0.00	0.00
Costco Generator	0.09	1.37	0.04	0.04
Hotel Generator	0.09	1.37	0.04	0.04
Full Buildout Operational Emissions	55.14	75.95	88.27	24.38
Existing Operational Emissions [b]	13.00	27.00	10.00	3.00

Net Emissions [c]	*42.14*	*48.95*	*78.27*	*21.38*
BAAQMD Thresholds	54	54	82	54
Thresholds Exceeded?	No	No	No	No

NOTES:

[a] Categories defined as follows:
Area = Emissions from landscaping equipment, consumer products, and architectural coatings. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod. Consumer product emissions are only attributed to the hotel land use.
Energy = Emissions from natural gas combustion for space heating and cooking. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.
Non-Delivery vehicles (running) = Operating emissions from daily commercial non-delivery vehicle trips. Emission from these trips were estimated using CalEEMod.
Light-duty vehicles (idling at gas station)-Idling emissions from autos queueing in line at gas station. Emissions estimated using EMFAC2017 emissions factors and an idling time of 10 minutes.
Delivery Vehicles (Running + Starting) = Operating emissions from daily commercial delivery vehicle trips. Refer to Table 4 for the daily vehicle trips for each land use type. Emissions were estimated using emission factors from EMFAC2017.
Delivery Vehicles (Idling) = Operating emissions from daily commercial delivery vehicles idling. Emissions were estimated using emission factors from EMFAC2017 and an idling duration of 15 minutes.
Transportation Refrigeration Units (TRUs) = Operating emissions from daily TRU usage at commercial land uses. Emissions were estimated outside of CalEEMod using emission factors from ARB's ATCM and Tier 4 Final emission standards for diesel engines.
Gas Station (Evaporative) = Operating daily evaporative ROG emissions from the gas station, which includes underground storage tank loading and breathing, as well as refueling and fuel spillage.
Costco and Hotel Generators = Operating emissions from diesel-powered emergency generators.

[b] Existing emissions obtained from Air Quality section of Draft SEIR.

[c] Net Emissions = full buildout operational emissions for the Project minus existing operational emissions.

ABBREVIATIONS:
ROG = reactive organic gases
NO_X = oxides of nitrogen
PM_{10} = particulate matter less than or equal to 10 microns in diameter
$PM_{2.5}$ = particulate matter less than or equal to 2.5 microns in diameter
CalEEMod = CALifornia Emissions Estimator MODel
TRU = transportation refrigeration unit
EMFAC2017 = the California Air Resources Board's EMission FACtors Model, 2017 version

SOURCE: ESA, 2019

TABLE 13
FULL BUILDOUT (2031) TOTAL ANNUAL UNMITIGATED OPERATIONAL EMISSIONS BY SOURCE

	Total Annual Emissions (tons/year)			
Source [a]	**ROG**	**NO_X**	**PM_{10}**	**$PM_{2.5}$**
Area	0.78	0.00	0.00	0.00
Energy	0.03	0.24	0.02	0.02
Non-Delivery Vehicles (Running)	2.41	5.88	15.88	4.31
Light-Duty Vehicles (Idling at Gas Station)	0.02	0.03	0.00	0.00
Delivery Vehicles (Running + Starting)	0.03	4.24	0.18	0.09
Delivery Vehicles (Idling)	0.05	0.62	0.00	0.00
TRUs	0.16	2.35	0.01	0.01
Gas Station (Evaporative)	6.55	0.00	0.00	0.00
Costco Generator	0.02	0.25	0.01	0.01
Hotel Generator	0.02	0.25	0.01	0.01
Full Buildout Operational Emissions	10.06	13.86	16.11	4.45
Existing Emissions [b]	2.00	4.00	2.00	1.00
Net Emissions [c]	*8.06*	*9.86*	*14.11*	*3.45*

BAAQMD Thresholds	10	10	15	10
Thresholds Exceeded?	No	No	No	No

NOTES:

[a] Categories defined as follows:
Area = Emissions from landscaping equipment, consumer products, and architectural coatings. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod. Consumer product emissions are only attributed to the hotel land use.
Energy = Emissions from natural gas combustion for space heating and cooking. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.
Non-Delivery vehicles (running) = Operating emissions from annual commercial non-delivery vehicle trips. Emission from these trips were estimated using CalEEMod.
Light-duty vehicles (idling at gas station)-Idling emissions from autos queueing in line at gas station. Emissions estimated using EMFAC2017 emissions factors and an idling time of 10 minutes.
Delivery Vehicles (Running + Starting) = Operating emissions from annual commercial delivery vehicle trips. Refer to Table 4 for the daily vehicle trips for each land use type. Emissions were estimated using emission factors from EMFAC2017.
Delivery Vehicles (Idling) = Operating emissions from annual commercial delivery vehicles idling. Emissions were estimated using emission factors from EMFAC2017 and an idling duration of 15 minutes.
Transportation Refrigeration Units (TRUs) = Operating emissions from annual TRU usage at commercial land uses. Emissions were estimated outside of CalEEMod using emission factors from ARB's ATCM and Tier 4 Final emission standards for diesel engines.
Gas Station (Evaporative)= Operating annual evaporative ROG emissions from the gas station, which includes underground storage tank loading and breathing, as well as refueling and fuel spillage.
Costco and Hotel Generators = Operating emissions from diesel-powered emergency generators.

[b] Existing emissions obtained from Air Quality section of Draft SEIR.

[c] Net Emissions = full buildout operational emissions for the Project minus existing operational emissions.

ABBREVIATIONS:
ROG = reactive organic gases
NO_X = oxides of nitrogen
PM_{10} = particulate matter less than or equal to 10 microns in diameter
$PM_{2.5}$ = particulate matter less than or equal to 2.5 microns in diameter
TRU = transportation refrigeration unit
EMFAC2017 = the California Air Resources Board's EMission FACtors Model, 2017 version

SOURCE: ESA, 2019

Table 14 presents total annual unmitigated operational emissions by source (e.g., area) for the Full Buildout Operation (2031) scenario and compares these emissions to those reported in the Draft SEIR by source for the original buildout year of 2025. Similar to the tables above, emissions from existing land uses would be removed and are subtracted from the Project's operational emissions to determine the net Project's emissions. This table illustrates the differences in emissions between the two analyses.

TABLE 14
COMPARISON OF FULL BUILDOUT TOTAL ANNUAL UNMITIGATED OPERATIONAL EMISSIONS BY SOURCE FOR THE UPDATED ANALYSIS (2031) WITH THE DRAFT SEIR (2025)

	Total Annual Emissions (tons/year)							
	Updated Analysis (2031)				Draft SEIR (2025)			
Source [a]	**ROG**	**NO_X**	**PM_{10}**	**$PM_{2.5}$**	**ROG**	**NO_X**	**PM_{10}**	**$PM_{2.5}$**
Area [b]	0.78	0.00	0.00	0.00	2.26	<0.01	<0.01	<0.01
Energy [c]	0.03	0.24	0.02	0.02	0.02	0.22	0.02	0.02
Non-Delivery Vehicles (Running) [d]	2.41	5.88	15.88	4.31	7.61	19.69	17.78	5.05
Light-Duty Vehicles (Idling at Gas Station) [e]	0.02	0.03	0.00	0.00	-	-	-	-
Delivery Vehicles (Running + Starting) [e]	0.03	4.24	0.18	0.09	-	-	-	-

Delivery Vehicles (Idling) [e]	0.05	0.62	0.00	0.00	-	-	-	-
TRUs [e]	0.16	2.35	0.01	0.01	-	-	-	-
Gas Station (Evaporative) [e]	6.55	0.00	0.00	0.00	-	-	-	-
Costco Generator [e]	0.02	0.25	0.01	0.01	-	-	-	-
Hotel Generator [e]	0.02	0.25	0.01	0.01	-	-	-	-
Full Buildout Operational Emissions	10.06	13.86	16.11	4.45	*9.98*	*19.91*	*17.80*	*5.07*
Existing Emissions [f]	2.00	4.00	2.00	1.00	2.00	4.00	2.00	1.00
Net Emissions [g]	*8.06*	*9.86*	*14.11*	*3.45*	*7.98*	*15.91*	*15.80*	*4.07*

NOTES:

[a] Categories defined as follows:
Area = Emissions from landscaping equipment, consumer products, and architectural coatings. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod. Consumer product emissions are only attributed to the hotel land use.
Energy = Emissions from natural gas combustion for space heating and cooking. Refer to Table 1 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.
Non-Delivery vehicles (running) = Operating emissions from annual commercial non-delivery vehicle trips. Emission from these trips were estimated using CalEEMod.
Light-duty vehicles (idling at gas station)-Idling emissions from autos queueing in line at gas station. Emissions estimated using EMFAC2017 emissions factors and an idling time of 10 minutes.
Delivery Vehicles (Running + Starting) = Operating emissions from annual commercial delivery vehicle trips. Refer to Table 4 for the daily vehicle trips for each land use type. Emissions were estimated using emission factors from EMFAC2017.
Delivery Vehicles (Idling) = Operating emissions from annual commercial delivery vehicles idling. Emissions were estimated using emission factors from EMFAC2017 and an idling duration of 15 minutes.
Transportation Refrigeration Units (TRUs) = Operating emissions from annual TRU usage at commercial land uses. Emissions were estimated outside of CalEEMod using emission factors from ARB's ATCM and Tier 4 Final emission standards for diesel engines.
Gas Station (Evaporative)= Operating annual evaporative ROG emissions from the gas station, which includes underground storage tank loading and breathing, as well as refueling and fuel spillage.
Costco and Hotel Generators = Operating emissions from diesel-powered emergency generators.

[b] Area source emissions differ because the land use values (i.e. square footage and hotel rooms) differ slightly from those in the Draft SEIR and because the consumer product emission rate was revised so that emissions would only be attributed to the hotel land use.

[c] Energy emissions differ because the land use values (i.e. square footage and hotel rooms) differ slightly from those in the Draft SEIR, and because the energy intensity values represent 2019 Title 24 Energy Efficiency Standards vs. 2008 Title 24 Energy Efficiency Standards.

[d] Non-Delivery vehicle emissions differ for the following reasons: a more recent version of CalEEMod was used to estimate emissions, trip rates were revised, the fleet mix for project-generated traffic was updated to represent all vehicle types except heavy-duty delivery vehicle trips, and the updated emissions represent vehicle emission rates for calendar year 2031 instead of 2025. In addition, the Draft SEIR did not separate mobile source emissions into running and idling emissions for vehicles; the totals presented here represent total mobile source emissions from all vehicle types from all processes.

[e] The Draft SEIR did not separately estimate emissions for these operational sources.

[f] Existing emissions obtained from Air Quality section of Draft SEIR.

[g] Net Emissions = full buildout operational emissions for the Project minus existing operational emissions.

ABBREVIATIONS:
ROG = reactive organic gases
NO_X = oxides of nitrogen
PM_{10} = particulate matter less than or equal to 10 microns in diameter
$PM_{2.5}$ = particulate matter less than or equal to 2.5 microns in diameter
- = emissions not separately estimated in the Draft SEIR
TRU = transportation refrigeration unit
EMFAC2017 = the California Air Resources Board's EMission FACtors Model, 2017 version

SOURCES: ESA, 2019

Carbon Monoxide (CO) Emissions

Due to differences in the Draft SEIR's and the updated analysis' proposed land use sizes, daily trips and peak hour trips would change. When comparing the Draft SEIR's daily trips to the updated analysis' daily trips, the updated analysis would have no greater than one percent increase for Phase 1 project trips, and less than 19 percent increase for full buildout project trips. Overall, if the trip rates were prorated based on the land use square footage, the project's peak hour total trip rates would be less than 1,761 trips per hour, which is very small compared to the

BAAQMD's screening threshold of 44,000 vehicles per hour at an affected intersection. Therefore, same as the Draft SEIR's conclusion, CO impacts would remain less than significant.

Project Contribution to Cumulative Health Effects

No single project by itself would be sufficient in size to result in regional nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulative adverse air quality impacts, and while its emissions may be individually limited, it could be cumulatively considerable when taken in combination with past, present, and future development projects.[50]

The project-level thresholds for criteria air pollutants are based on levels at which new sources are not anticipated to contribute to an air quality violation or result in a considerable net increase in criteria air pollutants. Therefore, if a project leads to a significant impact individually, the project would also be considered to contribute significantly to the cumulative impact.

A CEQA air quality analysis of criteria air pollutants is based on significance thresholds that were set at emission levels tied to the region's attainment status.[51] The CEQA significance thresholds are emission levels above which stationary air pollutant sources permitted by the BAAQMD (typically, industrial facilities, refineries, and the like) must offset their emissions through purchase of emissions "offsets" from other facilities that have reduced emissions, either through installation of emissions controls or removal of an emissions source. Such offset levels allow for regional development while keeping the cumulative effects of new sources at a level that will not impede attainment of the NAAQS. Therefore, a CEQA air quality analysis of criteria air pollutants is essentially an analysis of regional, cumulative air quality impacts and a given project's contribution to those impacts.

As described in Chapter 1, Health Effects of Criteria Pollutants, compliance with the ambient air quality standards indicates that regional air quality can be considered protective of public health. However, as also explained in Chapter 1, the ambient air quality standards are expressed in terms of the concentrations of individual pollutants within the air. And, with certain exceptions, it is not readily feasible, given current air quality modeling tools, to calculate an individual project's effect on ambient pollutant concentrations. Exceptions include carbon monoxide, which is directly emitted from tailpipes and the concentration of which can be calculated proximate to locations such as high-volume intersections, where CO concentrations are typically highest. However, according to the BAAQMD, CO emissions and concentrations have decreased dramatically in the nearly 45 years since introduction of the catalytic converter, and no exceedance of either state or national standards for CO has been recorded in the Bay Area since

50 BAAQMD, 2017. California Environmental Quality Act Air Quality Guidelines, (2017), http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en, accessed August 7, 2018.

51 SJVAPCD, 2014. Application for Leave to File Brief of Amicus Curiae Brief of San Joaquin Valley Unified Air Pollution Control District in Support of Defendant and Respondent, County of Fresno and Real Party In Interest and Respondent, Friant Ranch, L.P. In the Supreme Court of California. Sierra Club, Revive the San Joaquin, and League of Women Voters of Fresno v. County of Fresno.

1991.[52] Accordingly, modeling of CO concentrations is seldom required. Another exception is fine particulate matter. Concentrations of $PM_{2.5}$ are frequently used as a proxy for diesel particulate matter in health risk assessment, which is a separate type of air quality analysis from that for criteria pollutants discussed herein.[53]

Ozone, however, is a regional pollutant for which project-specific concentration modeling is not reliable given current modeling limitations. Because of the complexity of ozone formation and the non-linear relationship of ozone concentration with its precursor gases, and given the state of environmental science modeling in use at this time, it is infeasible to convert specific mass emissions levels (i.e., weight) of NO_X or ROGs emitted in a particular area (or by a particular project) to a particular concentration of ozone in that area.[54] Meteorology, the presence of sunlight, seasonal impacts, and other complex chemical factors all combine to determine the ultimate concentration and location of ozone.[55, 56] Furthermore, available models are designed to determine regional, population-wide health impacts, and cannot accurately quantify ozone-related health impacts caused by NO_X or ROG emissions from the local level, and in particular not at the level of an individual project.

As a result, project-level mass (weight) emission thresholds have been established for ozone precursors (NO_X and ROG) and other criteria pollutants precisely because it is not possible to readily convert mass emissions at the project-level to pollutant concentrations. As explained by the BAAQMD in its 2009 report justifying its CEQA significance thresholds, the thresholds for the ozone precursors ROG and NOx were tied to the BAAQMD's offset requirements for ozone precursors based on the fact that the Bay Area is not in attainment with the federal ozone standard and therefore such an approach is appropriate "to prevent further deterioration of ambient air quality and thus has nexus and proportionality to prevention of a regionally cumulative significant impact (e.g. worsened status of non-attainment)."[57] As explained above, attainment can be considered protective of public health, thus providing a strong link between a mass emission threshold and avoidance of health effects. For PM_{10} and $PM_{2.5}$, the BAAQMD established CEQA significance thresholds based on the federal New Source Review program for new stationary sources of pollution, which contains stricter thresholds than does BAAQMD's

52 BAAQMD, 2017. California Environmental Quality Act Air Quality Guidelines, (2017), p. 6-1; http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en, accessed February 11, 2019.

53 A separate Health Risk Assessment was prepared for this project.

54 SJVAPCD, 2014. Application for Leave to File Brief of Amicus Curiae Brief of San Joaquin Valley Unified Air Pollution Control District in Support of Defendant and Respondent, County of Fresno and Real Party In Interest and Respondent, Friant Ranch, L.P. In the Supreme Court of California. Sierra Club, Revive the San Joaquin, and League of Women Voters of Fresno v. County of Fresno.

55 SCAQMD, 2014. Application of the South Coast Air Quality Management District for Leave to File Brief of Amicus Curiae in Support of Neither Party and Brief of Amicus Curiae. In the Supreme Court of California. Sierra Club, Revive the San Joaquin, and League of Women Voters of Fresno v. County of Fresno.

56 SJVAPCD, 2014. Application for Leave to File Brief of Amicus Curiae Brief of San Joaquin Valley Unified Air Pollution Control District in Support of Defendant and Respondent, County of Fresno and Real Party In Interest and Respondent, Friant Ranch, L.P. In the Supreme Court of California. Sierra Club, Revive the San Joaquin, and League of Women Voters of Fresno v. County of Fresno.

57 BAAQMD, "Revised Draft Options and Justification Report: California Environmental Quality Act Thresholds of Significance," October 2009, http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/revised-draft-ceqa-thresholds-justification-report-oct-2009.pdf?la=en. Reviewed February 11, 2019.

offset program for these pollutants. “These thresholds represent the emission levels above which a project’s individual emissions would result in a considerable adverse contribution to the [San Francisco Bay Area Air Basin]’s existing air quality conditions.”[58] As with ROG and NO_X discussed above, these thresholds likewise provide a connection between a mass emission threshold and avoidance of health effects.

As discussed above, the project would not exceed project-level significance thresholds for construction or operational criteria pollutant emissions, with the implementation of mitigation (Tier 3 engines) to reduce construction emissions of NO_X to less than significant. Therefore, the contribution of the project to the cumulative, regional air quality impacts related to criteria pollutants would not be considerable, and the project’s contribution to any cumulative air quality impacts would be less than significant. And because, as explained above, the significance thresholds are linked to the avoidance of health effects, the project would not result in a significant adverse health effect with respect to emissions of criteria air pollutants.

[58] *Ibid*.

APPENDIX A

Construction Emissions

- CalEEMod Output – Construction
- Construction Haul Truck Idling Emissions
- Construction Emissions Summary

Operational Emissions

- CalEEMod Output – Phase 1 (2021)
- CalEEMod Output – Phase 1 (2031)
- CalEEMod Output – Full-Buildout 1 (2031)
- Generator Emissions
- Vehicle Emissions
- Gas Station Emissions
- Transportation Refrigeration Unit Emissions

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Emissions Calculations
Construction Emissions

CalEEMod Output – Construction

Johnson Drive Construction-Mitigated - Bay Area AQMD Air District, Annual

Johnson Drive Construction-Mitigated

Bay Area AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	3.40	Acre	3.40	148,104.00	0
Other Non-Asphalt Surfaces	1.22	Acre	1.22	53,143.20	0
Other Non-Asphalt Surfaces	2.80	Acre	2.80	121,968.00	0
Parking Lot	10.30	Acre	10.30	448,668.00	0
Parking Lot	3.16	Acre	3.16	137,649.60	0
Parking Lot	10.50	Acre	10.50	457,380.00	0
Hotel	231.00	Room	0.77	132,000.00	0
Discount Club	148.00	1000sqft	3.40	148,000.00	0
Gasoline/Service Station	20.00	Pump	0.06	2,823.50	0
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Strip Mall	184.04	1000sqft	4.22	184,037.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	64
Climate Zone	4			**Operational Year**	2020
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Specific Information

Architectural Coating - Other Non-Asphalt Surfaces would not have architectural coatings

Construction Off-road Equipment Mitigation - Tier 3 Equipment for equipment greater than 50HP

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	235,930.00	68,500.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	235,930.00	75,411.75
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	235,930.00	92,018.50
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	707,791.00	205,500.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	707,791.00	226,235.25
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	707,791.00	276,055.50
tblArchitecturalCoating	ConstArea_Parking	82,015.00	7,983.68
tblArchitecturalCoating	ConstArea_Parking	82,015.00	26,022.74
tblArchitecturalCoating	ConstArea_Parking	82,015.00	26,528.04
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3

tblConstructionPhase	NumDays	55.00	21.00
tblConstructionPhase	NumDays	55.00	7.00
tblConstructionPhase	NumDays	30.00	25.00
tblConstructionPhase	NumDays	30.00	15.00
tblConstructionPhase	NumDays	30.00	7.00
tblConstructionPhase	NumDays	30.00	15.00
tblConstructionPhase	NumDays	30.00	11.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblLandUse	LandUseSquareFeet	335,412.00	132,000.00
tblLandUse	LandUseSquareFeet	184,040.00	184,037.00
tblLandUse	LotAcreage	7.70	0.77
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	0.00	800.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,944.00
tblTripsAndVMT	HaulingTripNumber	0.00	22.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,240.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,860.00
tblTripsAndVMT	HaulingTripNumber	0.00	2,612.00
tblTripsAndVMT	HaulingTripNumber	0.00	42.00
tblTripsAndVMT	HaulingTripNumber	0.00	680.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,200.00
tblTripsAndVMT	HaulingTripNumber	0.00	2,100.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,020.00
tblTripsAndVMT	HaulingTripNumber	0.00	14.00
tblTripsAndVMT	VendorTripNumber	301.00	0.00
tblTripsAndVMT	VendorTripNumber	301.00	0.00
tblTripsAndVMT	VendorTripNumber	301.00	0.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT

tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	25.00	26.00
tblTripsAndVMT	WorkerTripNumber	738.00	138.00
tblTripsAndVMT	WorkerTripNumber	148.00	28.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	35.00	36.00
tblTripsAndVMT	WorkerTripNumber	23.00	24.00
tblTripsAndVMT	WorkerTripNumber	738.00	304.00
tblTripsAndVMT	WorkerTripNumber	148.00	62.00
tblTripsAndVMT	WorkerTripNumber	15.00	6.00
tblTripsAndVMT	WorkerTripNumber	163.00	164.00
tblTripsAndVMT	WorkerTripNumber	738.00	300.00
tblTripsAndVMT	WorkerTripNumber	148.00	60.00
tblTripsAndVMT	WorkerTripNumber	23.00	24.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.6078	7.0783	5.2573	0.0128	0.6885	0.2907	0.9792	0.2625	0.2713	0.5338	0.0000	1,143.5509	1,143.5509	0.2216	0.0000	1,149.0905
2021	0.8408	0.5733	0.5744	1.2100e-003	0.0369	0.0277	0.0646	9.6800e-003	0.0261	0.0357	0.0000	106.8633	106.8633	0.0182	0.0000	107.3170
2030	1.3726	1.6899	2.6702	8.6000e-003	0.5892	0.0353	0.6245	0.2266	0.0352	0.2618	0.0000	787.0846	787.0846	0.0305	0.0000	787.8467
2031	0.0110	0.0185	0.0401	7.0000e-005	4.1000e-004	8.3000e-004	1.2300e-003	1.0000e-004	8.3000e-004	9.3000e-004	0.0000	6.4385	6.4385	3.0000e-004	0.0000	6.4460
Maximum	**1.6078**	**7.0783**	**5.2573**	**0.0128**	**0.6885**	**0.2907**	**0.9792**	**0.2625**	**0.2713**	**0.5338**	**0.0000**	**1,143.5509**	**1,143.5509**	**0.2216**	**0.0000**	**1,149.0905**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.2668	5.2604	5.9854	0.0128	0.6885	0.2137	0.9022	0.2625	0.2135	0.4760	0.0000	1,143.5500	1,143.5500	0.2216	0.0000	1,149.0896
2021	0.8123	0.4857	0.6211	1.2100e-003	0.0369	0.0252	0.0621	9.6800e-003	0.0251	0.0348	0.0000	106.8632	106.8632	0.0182	0.0000	107.3170
2030	1.2498	2.7736	3.3673	8.6000e-003	0.5892	0.1235	0.7126	0.2266	0.1234	0.3500	0.0000	787.0840	787.0840	0.0305	0.0000	787.8461
2031	8.9200e-003	0.0290	0.0437	7.0000e-005	4.1000e-004	1.5300e-003	1.9300e-003	1.0000e-004	1.5300e-003	1.6300e-003	0.0000	6.4385	6.4385	3.0000e-004	0.0000	6.4460
Maximum	**1.2668**	**5.2604**	**5.9854**	**0.0128**	**0.6885**	**0.2137**	**0.9022**	**0.2625**	**0.2135**	**0.4760**	**0.0000**	**1,143.5500**	**1,143.5500**	**0.2216**	**0.0000**	**1,149.0896**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**12.90**	**8.67**	**-17.27**	**0.00**	**0.00**	**-2.64**	**-0.56**	**0.00**	**-9.04**	**-3.62**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-6-2020	7-5-2020	5.5758	4.0474
2	7-6-2020	10-5-2020	2.0782	1.6868
3	10-6-2020	1-5-2021	1.0167	0.7777
4	1-6-2021	4-5-2021	1.3717	1.2631
40	1-6-2030	4-5-2030	0.7216	1.1876
41	4-6-2030	7-5-2030	0.5620	0.7545
42	7-6-2030	10-5-2030	0.4399	0.6260
43	10-6-2030	1-5-2031	1.3596	1.4724
44	1-6-2031	4-5-2031	0.0084	0.0108
		Highest	5.5758	4.0474

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2063	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Energy	0.0363	0.3295	0.2768	1.9800e-003		0.0250	0.0250		0.0250	0.0250	0.0000	1,812.5169	1,812.5169	0.0726	0.0202	1,820.3450
Mobile	4.7853	20.6799	45.0663	0.1278	9.9978	0.1455	10.1433	2.6839	0.1367	2.8207	0.0000	11,721.1523	11,721.1523	0.5290	0.0000	11,734.3768
Waste						0.0000	0.0000		0.0000	0.0000	197.3559	0.0000	197.3559	11.6634	0.0000	488.9410
Water						0.0000	0.0000		0.0000	0.0000	9.8637	65.3491	75.2127	1.0161	0.0245	107.9247
Total	**7.0278**	**21.0094**	**45.3489**	**0.1298**	**9.9978**	**0.1705**	**10.1683**	**2.6839**	**0.1618**	**2.8457**	**207.2196**	**13,599.0293**	**13,806.2489**	**13.2811**	**0.0447**	**14,151.5992**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2063	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Energy	0.0363	0.3295	0.2768	1.9800e-003		0.0250	0.0250		0.0250	0.0250	0.0000	1,812.5169	1,812.5169	0.0726	0.0202	1,820.3450
Mobile	4.7853	20.6799	45.0663	0.1278	9.9978	0.1455	10.1433	2.6839	0.1367	2.8207	0.0000	11,721.1523	11,721.1523	0.5290	0.0000	11,734.3768
Waste						0.0000	0.0000		0.0000	0.0000	197.3559	0.0000	197.3559	11.6634	0.0000	488.9410
Water						0.0000	0.0000		0.0000	0.0000	9.8637	65.3491	75.2127	1.0161	0.0245	107.9247
Total	**7.0278**	**21.0094**	**45.3489**	**0.1298**	**9.9978**	**0.1705**	**10.1683**	**2.6839**	**0.1618**	**2.8457**	**207.2196**	**13,599.0293**	**13,806.2489**	**13.2811**	**0.0447**	**14,151.5992**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase 1A-Grading/Excavation	Grading	4/6/2020	5/10/2020	6	30	
2	Phase 1B-Grading/Excavation	Grading	4/6/2020	6/15/2020	5	51	
3	Phase 1A-Drainage/Utilities/Sub-Grade	Site Preparation	4/22/2020	4/29/2020	6	7	
4	Phase 1A-Foundations/Concrete Pour	Site Preparation	4/29/2020	5/15/2020	6	15	
5	Phase 1A-Building Construction	Building Construction	5/16/2020	7/24/2020	6	60	
6	Phase 1A-Architectural Coatings	Architectural Coating	5/28/2020	7/24/2020	6	50	
7	Phase 1B-Drainage/Utilities/Sub-Grade	Site Preparation	6/16/2020	6/30/2020	5	11	
8	Phase 1B-Foundations/Concrete Pour	Site Preparation	7/1/2020	7/30/2020	5	22	
9	Phase 1A-Paving	Paving	7/17/2020	7/24/2020	6	7	

10	Phase 1B-Building Construction	Building Construction	7/31/2020	2/23/2021	5	148	
11	Phase 1B-Architectural Coatings	Architectural Coating	2/24/2021	3/20/2021	5	18	
12	Phase 1B-Paving	Paving	3/21/2021	4/5/2021	5	11	
13	Phase 2-Demolition	Demolition	1/7/2030	2/3/2030	5	20	
14	Phase 2-Grading/Excavation	Grading	2/4/2030	3/2/2030	5	20	
15	Phase 2-Drainage/Utilities/Sub-Grade	Site Preparation	3/3/2030	4/6/2030	5	25	
16	Phase 2-Foundations/Concrete Pour	Site Preparation	4/6/2030	4/28/2030	5	15	
17	Phase 2-Building Construction	Building Construction	4/30/2030	11/11/2030	5	140	
18	Phase 2-Architectural Coatings	Architectural Coating	11/12/2030	12/9/2030	5	20	
19	Phase 2-Paving	Paving	12/10/2030	1/7/2031	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 31.38

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 226,235; Non-Residential Outdoor: 75,412; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 1A-Grading/Excavation	Graders	1	8.00	187	0.41
Phase 1A-Grading/Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Phase 1A-Grading/Excavation	Scrapers	6	8.00	367	0.48
Phase 1A-Grading/Excavation	Off-Highway Trucks	1	8.00	402	0.38
Phase 1A-Grading/Excavation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1A-Drainage/Utilities/Sub-Grade	Dumpers/Tenders	1	8.00	16	0.38
Phase 1A-Drainage/Utilities/Sub-Grade	Off-Highway Tractors	3	8.00	124	0.44
Phase 1A-Drainage/Utilities/Sub-Grade	Off-Highway Trucks	2	8.00	402	0.38
Phase 1A-Drainage/Utilities/Sub-Grade	Rollers	3	8.00	80	0.38
Phase 1A-Drainage/Utilities/Sub-Grade	Skid Steer Loaders	2	8.00	65	0.37
Phase 1A-Foundations/Concrete Pour	Cement and Mortar Mixers	60	8.00	9	0.56
Phase 1A-Foundations/Concrete Pour	Forklifts	3	8.00	89	0.20

Phase 1A-Foundations/Concrete Pour	Generator Sets	1	8.00	84	0.74
Phase 1A-Foundations/Concrete Pour	Pumps	1	8.00	84	0.74
Phase 1A-Building Construction	Graders	2	8.00	187	0.41
Phase 1A-Building Construction	Off-Highway Tractors	10	8.00	124	0.44
Phase 1A-Building Construction	Generator Sets	1	8.00	84	0.74
Phase 1A-Building Construction	Welders	1	8.00	46	0.45
Phase 1A-Architectural Coatings	Air Compressors	1	8.00	78	0.48
Phase 1A-Paving	Off-Highway Tractors	3	8.00	124	0.44
Phase 1A-Paving	Off-Highway Trucks	3	8.00	402	0.38
Phase 1A-Paving	Paving Equipment	2	8.00	132	0.36
Phase 1A-Paving	Rollers	3	8.00	80	0.38
Phase 1A-Paving	Skid Steer Loaders	1	8.00	65	0.37
Phase 1B-Grading/Excavation	Excavators	1	8.00	158	0.38
Phase 1B-Grading/Excavation	Graders	1	8.00	187	0.41
Phase 1B-Grading/Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Phase 1B-Grading/Excavation	Off-Highway Trucks	1	8.00	402	0.38
Phase 1B-Grading/Excavation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase 1B-Drainage/Utilities/Sub-Grade	Rubber Tired Dozers	3	8.00	247	0.40
Phase 1B-Drainage/Utilities/Sub-Grade	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase 1B-Foundations/Concrete Pour	Cranes	1	8.00	231	0.29
Phase 1B-Foundations/Concrete Pour	Forklifts	3	8.00	89	0.20
Phase 1B-Foundations/Concrete Pour	Generator Sets	1	8.00	84	0.74
Phase 1B-Foundations/Concrete Pour	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase 1B-Foundations/Concrete Pour	Pumps	1	8.00	84	0.74
Phase 1B-Building Construction	Cranes	1	8.00	231	0.29
Phase 1B-Building Construction	Forklifts	4	8.00	89	0.20
Phase 1B-Building Construction	Generator Sets	1	8.00	84	0.74
Phase 1B-Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase 1B-Building Construction	Welders	2	8.00	46	0.45
Phase 1B-Architectural Coatings	Air Compressors	1	8.00	78	0.48

Phase 1B-Paving	Pavers	2	8.00	130	0.42
Phase 1B-Paving	Paving Equipment	2	8.00	132	0.36
Phase 1B-Paving	Rollers	2	8.00	80	0.38
Phase 2-Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2-Demolition	Excavators	2	8.00	158	0.38
Phase 2-Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Phase 2-Grading/Excavation	Excavators	1	8.00	158	0.38
Phase 2-Grading/Excavation	Graders	2	8.00	187	0.41
Phase 2-Grading/Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Phase 2-Grading/Excavation	Scrapers	6	8.00	367	0.48
Phase 2-Grading/Excavation	Off-Highway Trucks	2	8.00	402	0.38
Phase 2-Grading/Excavation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 2-Drainage/Utilities/Sub-Grade	Rubber Tired Dozers	3	8.00	247	0.40
Phase 2-Drainage/Utilities/Sub-Grade	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase 2-Foundations/Concrete Pour	Cranes	1	8.00	231	0.29
Phase 2-Foundations/Concrete Pour	Forklifts	3	8.00	89	0.20
Phase 2-Foundations/Concrete Pour	Generator Sets	1	8.00	84	0.74
Phase 2-Foundations/Concrete Pour	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase 2-Foundations/Concrete Pour	Pumps	1	8.00	84	0.74
Phase 2-Building Construction	Cranes	1	8.00	231	0.29
Phase 2-Building Construction	Forklifts	3	8.00	89	0.20
Phase 2-Building Construction	Generator Sets	1	8.00	84	0.74
Phase 2-Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase 2-Building Construction	Welders	1	8.00	46	0.45
Phase 2-Architectural Coatings	Air Compressors	1	8.00	78	0.48
Phase 2-Paving	Pavers	2	8.00	130	0.42
Phase 2-Paving	Paving Equipment	2	8.00	132	0.36
Phase 2-Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase 1A-Grading/Excavation	10	26.00	0.00	800.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1A-Drainage/Utilities/Sub-	11	28.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1A-Foundations/Concrete	65	164.00	0.00	1,200.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1A-Building Construction	14	300.00	0.00	2,100.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1A-Architectural Coatings	1	60.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1A-Paving	12	30.00	0.00	14.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Grading/Excavation	7	18.00	0.00	680.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Drainage/Utilities/Sub-	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Foundations/Concrete	9	24.00	0.00	1,020.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Building Construction	11	138.00	0.00	1,944.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Architectural Coatings	1	28.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Paving	6	16.00	0.00	22.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Grading/Excavation	14	36.00	0.00	1,240.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Drainage/Utilities/Sub-	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Foundations/Concrete	9	24.00	0.00	1,860.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Building Construction	9	304.00	0.00	2,612.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Architectural Coatings	1	62.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Paving	6	6.00	0.00	42.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

3.2 Phase 1A-Grading/Excavation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Fugitive Dust					0.1937	0.0000	0.1937	0.0608	0.0000	0.0608	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1258	1.4490	0.8518	1.8400e-003		0.0581	0.0581		0.0534	0.0534	0.0000	161.2731	161.2731	0.0522	0.0000	162.5771
Total	**0.1258**	**1.4490**	**0.8518**	**1.8400e-003**	**0.1937**	**0.0581**	**0.2518**	**0.0608**	**0.0534**	**0.1142**	**0.0000**	**161.2731**	**161.2731**	**0.0522**	**0.0000**	**162.5771**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.3400e-003	0.1170	0.0235	3.2000e-004	6.7600e-003	3.8000e-004	7.1300e-003	1.8600e-003	3.6000e-004	2.2200e-003	0.0000	30.6549	30.6549	1.5800e-003	0.0000	30.6944
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2900e-003	9.2000e-004	9.5800e-003	3.0000e-005	3.0800e-003	2.0000e-005	3.1000e-003	8.2000e-004	2.0000e-005	8.4000e-004	0.0000	2.6999	2.6999	7.0000e-005	0.0000	2.7015
Total	**4.6300e-003**	**0.1179**	**0.0331**	**3.5000e-004**	**9.8400e-003**	**4.0000e-004**	**0.0102**	**2.6800e-003**	**3.8000e-004**	**3.0600e-003**	**0.0000**	**33.3548**	**33.3548**	**1.6500e-003**	**0.0000**	**33.3959**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1937	0.0000	0.1937	0.0608	0.0000	0.0608	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0451	0.8762	0.9879	1.8400e-003		0.0341	0.0341		0.0341	0.0341	0.0000	161.2729	161.2729	0.0522	0.0000	162.5769

Total	**0.0451**	**0.8762**	**0.9879**	**1.8400e-003**	**0.1937**	**0.0341**	**0.2278**	**0.0608**	**0.0341**	**0.0949**	**0.0000**	**161.2729**	**161.2729**	**0.0522**	**0.0000**	**162.5769**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.3400e-003	0.1170	0.0235	3.2000e-004	6.7600e-003	3.8000e-004	7.1300e-003	1.8600e-003	3.6000e-004	2.2200e-003	0.0000	30.6549	30.6549	1.5800e-003	0.0000	30.6944
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2900e-003	9.2000e-004	9.5800e-003	3.0000e-005	3.0800e-003	2.0000e-005	3.1000e-003	8.2000e-004	2.0000e-005	8.4000e-004	0.0000	2.6999	2.6999	7.0000e-005	0.0000	2.7015
Total	**4.6300e-003**	**0.1179**	**0.0331**	**3.5000e-004**	**9.8400e-003**	**4.0000e-004**	**0.0102**	**2.6800e-003**	**3.8000e-004**	**3.0600e-003**	**0.0000**	**33.3548**	**33.3548**	**1.6500e-003**	**0.0000**	**33.3959**

3.3 Phase 1B-Grading/Excavation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1671	0.0000	0.1671	0.0859	0.0000	0.0859	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0788	0.8341	0.5065	1.0900e-003		0.0384	0.0384		0.0353	0.0353	0.0000	96.0284	96.0284	0.0311	0.0000	96.8049
Total	**0.0788**	**0.8341**	**0.5065**	**1.0900e-003**	**0.1671**	**0.0384**	**0.2054**	**0.0859**	**0.0353**	**0.1212**	**0.0000**	**96.0284**	**96.0284**	**0.0311**	**0.0000**	**96.8049**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8400e-003	0.0994	0.0200	2.7000e-004	5.7400e-003	3.2000e-004	6.0600e-003	1.5800e-003	3.1000e-004	1.8900e-003	0.0000	26.0567	26.0567	1.3400e-003	0.0000	26.0902
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5200e-003	1.0900e-003	0.0113	4.0000e-005	3.6300e-003	2.0000e-005	3.6500e-003	9.6000e-004	2.0000e-005	9.9000e-004	0.0000	3.1776	3.1776	8.0000e-005	0.0000	3.1795
Total	**4.3600e-003**	**0.1005**	**0.0313**	**3.1000e-004**	**9.3700e-003**	**3.4000e-004**	**9.7100e-003**	**2.5400e-003**	**3.3000e-004**	**2.8800e-003**	**0.0000**	**29.2343**	**29.2343**	**1.4200e-003**	**0.0000**	**29.2697**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1671	0.0000	0.1671	0.0859	0.0000	0.0859	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0268	0.5378	0.6629	1.0900e-003		0.0253	0.0253		0.0253	0.0253	0.0000	96.0283	96.0283	0.0311	0.0000	96.8048
Total	**0.0268**	**0.5378**	**0.6629**	**1.0900e-003**	**0.1671**	**0.0253**	**0.1924**	**0.0859**	**0.0253**	**0.1112**	**0.0000**	**96.0283**	**96.0283**	**0.0311**	**0.0000**	**96.8048**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	2.8400e-003	0.0994	0.0200	2.7000e-004	5.7400e-003	3.2000e-004	6.0600e-003	1.5800e-003	3.1000e-004	1.8900e-003	0.0000	26.0567	26.0567	1.3400e-003	0.0000	26.0902
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5200e-003	1.0900e-003	0.0113	4.0000e-005	3.6300e-003	2.0000e-005	3.6500e-003	9.6000e-004	2.0000e-005	9.9000e-004	0.0000	3.1776	3.1776	8.0000e-005	0.0000	3.1795
Total	**4.3600e-003**	**0.1005**	**0.0313**	**3.1000e-004**	**9.3700e-003**	**3.4000e-004**	**9.7100e-003**	**2.5400e-003**	**3.3000e-004**	**2.8800e-003**	**0.0000**	**29.2343**	**29.2343**	**1.4200e-003**	**0.0000**	**29.2697**

3.4 Phase 1A-Drainage/Utilities/Sub-Grade - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.1044	0.0896	1.9000e-004		4.8100e-003	4.8100e-003		4.4300e-003	4.4300e-003	0.0000	16.3391	16.3391	5.2400e-003	0.0000	16.4702
Total	**0.0104**	**0.1044**	**0.0896**	**1.9000e-004**	**0.0000**	**4.8100e-003**	**4.8100e-003**	**0.0000**	**4.4300e-003**	**4.4300e-003**	**0.0000**	**16.3391**	**16.3391**	**5.2400e-003**	**0.0000**	**16.4702**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.3000e-004	2.4100e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.8000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6784	0.6784	2.0000e-005	0.0000	0.6789
Total	**3.2000e-004**	**2.3000e-004**	**2.4100e-003**	**1.0000e-005**	**7.7000e-004**	**1.0000e-005**	**7.8000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.6784**	**0.6784**	**2.0000e-005**	**0.0000**	**0.6789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7600e-003	0.0924	0.1191	1.9000e-004		4.5000e-003	4.5000e-003		4.5000e-003	4.5000e-003	0.0000	16.3391	16.3391	5.2400e-003	0.0000	16.4702
Total	**4.7600e-003**	**0.0924**	**0.1191**	**1.9000e-004**	**0.0000**	**4.5000e-003**	**4.5000e-003**	**0.0000**	**4.5000e-003**	**4.5000e-003**	**0.0000**	**16.3391**	**16.3391**	**5.2400e-003**	**0.0000**	**16.4702**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.3000e-004	2.4100e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.8000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6784	0.6784	2.0000e-005	0.0000	0.6789
Total	**3.2000e-004**	**2.3000e-004**	**2.4100e-003**	**1.0000e-005**	**7.7000e-004**	**1.0000e-005**	**7.8000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.6784**	**0.6784**	**2.0000e-005**	**0.0000**	**0.6789**

3.5 Phase 1A-Foundations/Concrete Pour - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0359	0.2474	0.2214	4.5000e-004		0.0116	0.0116		0.0115	0.0115	0.0000	32.1221	32.1221	3.6100e-003	0.0000	32.2124
Total	**0.0359**	**0.2474**	**0.2214**	**4.5000e-004**	**0.0000**	**0.0116**	**0.0116**	**0.0000**	**0.0115**	**0.0115**	**0.0000**	**32.1221**	**32.1221**	**3.6100e-003**	**0.0000**	**32.2124**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0100e-003	0.1754	0.0353	4.7000e-004	0.0101	5.7000e-004	0.0107	2.7900e-003	5.4000e-004	3.3300e-003	0.0000	45.9824	45.9824	2.3700e-003	0.0000	46.0416
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0800e-003	2.9200e-003	0.0302	9.0000e-005	9.7200e-003	7.0000e-005	9.7800e-003	2.5900e-003	6.0000e-005	2.6500e-003	0.0000	8.5151	8.5151	2.1000e-004	0.0000	8.5202
Total	**9.0900e-003**	**0.1783**	**0.0655**	**5.6000e-004**	**0.0199**	**6.4000e-004**	**0.0205**	**5.3800e-003**	**6.0000e-004**	**5.9800e-003**	**0.0000**	**54.4974**	**54.4974**	**2.5800e-003**	**0.0000**	**54.5618**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0293	0.2301	0.2258	4.5000e-004		0.0110	0.0110		0.0110	0.0110	0.0000	32.1221	32.1221	3.6100e-003	0.0000	32.2123
Total	**0.0293**	**0.2301**	**0.2258**	**4.5000e-004**	**0.0000**	**0.0110**	**0.0110**	**0.0000**	**0.0110**	**0.0110**	**0.0000**	**32.1221**	**32.1221**	**3.6100e-003**	**0.0000**	**32.2123**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0100e-003	0.1754	0.0353	4.7000e-004	0.0101	5.7000e-004	0.0107	2.7900e-003	5.4000e-004	3.3300e-003	0.0000	45.9824	45.9824	2.3700e-003	0.0000	46.0416
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0800e-003	2.9200e-003	0.0302	9.0000e-005	9.7200e-003	7.0000e-005	9.7800e-003	2.5900e-003	6.0000e-005	2.6500e-003	0.0000	8.5151	8.5151	2.1000e-004	0.0000	8.5202
Total	**9.0900e-003**	**0.1783**	**0.0655**	**5.6000e-004**	**0.0199**	**6.4000e-004**	**0.0205**	**5.3800e-003**	**6.0000e-004**	**5.9800e-003**	**0.0000**	**54.4974**	**54.4974**	**2.5800e-003**	**0.0000**	**54.5618**

3.6 Phase 1A-Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1290	1.3654	1.2012	2.0800e-003		0.0611	0.0611		0.0569	0.0569	0.0000	181.4380	181.4380	0.0532	0.0000	182.7670
Total	**0.1290**	**1.3654**	**1.2012**	**2.0800e-003**		**0.0611**	**0.0611**		**0.0569**	**0.0569**	**0.0000**	**181.4380**	**181.4380**	**0.0532**	**0.0000**	**182.7670**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.7600e-003	0.3070	0.0617	8.3000e-004	0.0177	9.9000e-004	0.0187	4.8800e-003	9.5000e-004	5.8200e-003	0.0000	80.4692	80.4692	4.1400e-003	0.0000	80.5727
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0298	0.0213	0.2211	6.9000e-004	0.0711	4.8000e-004	0.0716	0.0189	4.4000e-004	0.0194	0.0000	62.3053	62.3053	1.5100e-003	0.0000	62.3430
Total	**0.0386**	**0.3283**	**0.2827**	**1.5200e-003**	**0.0889**	**1.4700e-003**	**0.0903**	**0.0238**	**1.3900e-003**	**0.0252**	**0.0000**	**142.7744**	**142.7744**	**5.6500e-003**	**0.0000**	**142.9157**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0586	0.9952	1.4538	2.0800e-003		0.0484	0.0484		0.0484	0.0484	0.0000	181.4378	181.4378	0.0532	0.0000	182.7668
Total	**0.0586**	**0.9952**	**1.4538**	**2.0800e-003**		**0.0484**	**0.0484**		**0.0484**	**0.0484**	**0.0000**	**181.4378**	**181.4378**	**0.0532**	**0.0000**	**182.7668**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	8.7600e-003	0.3070	0.0617	8.3000e-004	0.0177	9.9000e-004	0.0187	4.8800e-003	9.5000e-004	5.8200e-003	0.0000	80.4692	80.4692	4.1400e-003	0.0000	80.5727
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0298	0.0213	0.2211	6.9000e-004	0.0711	4.8000e-004	0.0716	0.0189	4.4000e-004	0.0194	0.0000	62.3053	62.3053	1.5100e-003	0.0000	62.3430
Total	**0.0386**	**0.3283**	**0.2827**	**1.5200e-003**	**0.0889**	**1.4700e-003**	**0.0903**	**0.0238**	**1.3900e-003**	**0.0252**	**0.0000**	**142.7744**	**142.7744**	**5.6500e-003**	**0.0000**	**142.9157**

3.7 Phase 1A-Architectural Coatings - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8769					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.0700e-003	0.0561	0.0611	1.0000e-004		3.7000e-003	3.7000e-003		3.7000e-003	3.7000e-003	0.0000	8.5109	8.5109	6.6000e-004	0.0000	8.5273
Total	**0.8850**	**0.0561**	**0.0611**	**1.0000e-004**		**3.7000e-003**	**3.7000e-003**		**3.7000e-003**	**3.7000e-003**	**0.0000**	**8.5109**	**8.5109**	**6.6000e-004**	**0.0000**	**8.5273**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9700e-003	3.5600e-003	0.0368	1.1000e-004	0.0119	8.0000e-005	0.0119	3.1500e-003	7.0000e-005	3.2300e-003	0.0000	10.3842	10.3842	2.5000e-004	0.0000	10.3905
Total	**4.9700e-003**	**3.5600e-003**	**0.0368**	**1.1000e-004**	**0.0119**	**8.0000e-005**	**0.0119**	**3.1500e-003**	**7.0000e-005**	**3.2300e-003**	**0.0000**	**10.3842**	**10.3842**	**2.5000e-004**	**0.0000**	**10.3905**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8769					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9800e-003	0.0452	0.0611	1.0000e-004		3.1700e-003	3.1700e-003		3.1700e-003	3.1700e-003	0.0000	8.5108	8.5108	6.6000e-004	0.0000	8.5273
Total	**0.8789**	**0.0452**	**0.0611**	**1.0000e-004**		**3.1700e-003**	**3.1700e-003**		**3.1700e-003**	**3.1700e-003**	**0.0000**	**8.5108**	**8.5108**	**6.6000e-004**	**0.0000**	**8.5273**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9700e-003	3.5600e-003	0.0368	1.1000e-004	0.0119	8.0000e-005	0.0119	3.1500e-003	7.0000e-005	3.2300e-003	0.0000	10.3842	10.3842	2.5000e-004	0.0000	10.3905
Total	**4.9700e-003**	**3.5600e-003**	**0.0368**	**1.1000e-004**	**0.0119**	**8.0000e-005**	**0.0119**	**3.1500e-003**	**7.0000e-005**	**3.2300e-003**	**0.0000**	**10.3842**	**10.3842**	**2.5000e-004**	**0.0000**	**10.3905**

3.8 Phase 1B-Drainage/Utilities/Sub-Grade - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0994	0.0000	0.0994	0.0546	0.0000	0.0546	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0224	0.2333	0.1183	2.1000e-004		0.0121	0.0121		0.0111	0.0111	0.0000	18.3869	18.3869	5.9500e-003	0.0000	18.5355
Total	**0.0224**	**0.2333**	**0.1183**	**2.1000e-004**	**0.0994**	**0.0121**	**0.1115**	**0.0546**	**0.0111**	**0.0657**	**0.0000**	**18.3869**	**18.3869**	**5.9500e-003**	**0.0000**	**18.5355**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.3000e-004	2.4300e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6854	0.6854	2.0000e-005	0.0000	0.6858
Total	**3.3000e-004**	**2.3000e-004**	**2.4300e-003**	**1.0000e-005**	**7.8000e-004**	**1.0000e-005**	**7.9000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.6854**	**0.6854**	**2.0000e-005**	**0.0000**	**0.6858**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0994	0.0000	0.0994	0.0546	0.0000	0.0546	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	5.1200e-003	0.1049	0.1263	2.1000e-004		5.2000e-003	5.2000e-003		5.2000e-003	5.2000e-003	0.0000	18.3869	18.3869	5.9500e-003	0.0000	18.5355
Total	**5.1200e-003**	**0.1049**	**0.1263**	**2.1000e-004**	**0.0994**	**5.2000e-003**	**0.1046**	**0.0546**	**5.2000e-003**	**0.0598**	**0.0000**	**18.3869**	**18.3869**	**5.9500e-003**	**0.0000**	**18.5355**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.3000e-004	2.4300e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6854	0.6854	2.0000e-005	0.0000	0.6858
Total	**3.3000e-004**	**2.3000e-004**	**2.4300e-003**	**1.0000e-005**	**7.8000e-004**	**1.0000e-005**	**7.9000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.6854**	**0.6854**	**2.0000e-005**	**0.0000**	**0.6858**

3.9 Phase 1B-Foundations/Concrete Pour - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0257	0.2487	0.2196	3.6000e-004		0.0145	0.0145		0.0137	0.0137	0.0000	31.4465	31.4465	6.8700e-003	0.0000	31.6183
Total	**0.0257**	**0.2487**	**0.2196**	**3.6000e-004**	**0.0000**	**0.0145**	**0.0145**	**0.0000**	**0.0137**	**0.0137**	**0.0000**	**31.4465**	**31.4465**	**6.8700e-003**	**0.0000**	**31.6183**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.2600e-003	0.1491	0.0300	4.0000e-004	8.6100e-003	4.8000e-004	9.1000e-003	2.3700e-003	4.6000e-004	2.8300e-003	0.0000	39.0850	39.0850	2.0100e-003	0.0000	39.1353
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7000e-004	6.3000e-004	6.4800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.5000e-004	1.0000e-005	5.7000e-004	0.0000	1.8276	1.8276	4.0000e-005	0.0000	1.8287
Total	**5.1300e-003**	**0.1497**	**0.0365**	**4.2000e-004**	**0.0107**	**4.9000e-004**	**0.0112**	**2.9200e-003**	**4.7000e-004**	**3.4000e-003**	**0.0000**	**40.9127**	**40.9127**	**2.0500e-003**	**0.0000**	**40.9641**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.2000e-003	0.1819	0.2387	3.6000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	31.4465	31.4465	6.8700e-003	0.0000	31.6182
Total	**8.2000e-003**	**0.1819**	**0.2387**	**3.6000e-004**	**0.0000**	**0.0118**	**0.0118**	**0.0000**	**0.0118**	**0.0118**	**0.0000**	**31.4465**	**31.4465**	**6.8700e-003**	**0.0000**	**31.6182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	4.2600e-003	0.1491	0.0300	4.0000e-004	8.6100e-003	4.8000e-004	9.1000e-003	2.3700e-003	4.6000e-004	2.8300e-003	0.0000	39.0850	39.0850	2.0100e-003	0.0000	39.1353
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7000e-004	6.3000e-004	6.4800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.5000e-004	1.0000e-005	5.7000e-004	0.0000	1.8276	1.8276	4.0000e-005	0.0000	1.8287
Total	**5.1300e-003**	**0.1497**	**0.0365**	**4.2000e-004**	**0.0107**	**4.9000e-004**	**0.0112**	**2.9200e-003**	**4.7000e-004**	**3.4000e-003**	**0.0000**	**40.9127**	**40.9127**	**2.0500e-003**	**0.0000**	**40.9641**

3.10 Phase 1A-Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0136	0.1362	0.1150	2.5000e-004		6.1400e-003	6.1400e-003		5.6500e-003	5.6500e-003	0.0000	22.0753	22.0753	7.1400e-003	0.0000	22.2538
Paving	0.0314					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0450**	**0.1362**	**0.1150**	**2.5000e-004**		**6.1400e-003**	**6.1400e-003**		**5.6500e-003**	**5.6500e-003**	**0.0000**	**22.0753**	**22.0753**	**7.1400e-003**	**0.0000**	**22.2538**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	2.0500e-003	4.1000e-004	1.0000e-005	1.2000e-004	1.0000e-005	1.2000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.5365	0.5365	3.0000e-005	0.0000	0.5372
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.5000e-004	2.5800e-003	1.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	0.7269	0.7269	2.0000e-005	0.0000	0.7273
Total	**4.1000e-004**	**2.3000e-003**	**2.9900e-003**	**2.0000e-005**	**9.5000e-004**	**2.0000e-005**	**9.6000e-004**	**2.5000e-004**	**2.0000e-005**	**2.7000e-004**	**0.0000**	**1.2634**	**1.2634**	**5.0000e-005**	**0.0000**	**1.2645**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.1600e-003	0.1222	0.1590	2.5000e-004		5.6400e-003	5.6400e-003		5.6400e-003	5.6400e-003	0.0000	22.0752	22.0752	7.1400e-003	0.0000	22.2537
Paving	0.0314					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0376**	**0.1222**	**0.1590**	**2.5000e-004**		**5.6400e-003**	**5.6400e-003**		**5.6400e-003**	**5.6400e-003**	**0.0000**	**22.0752**	**22.0752**	**7.1400e-003**	**0.0000**	**22.2537**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	2.0500e-003	4.1000e-004	1.0000e-005	1.2000e-004	1.0000e-005	1.2000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.5365	0.5365	3.0000e-005	0.0000	0.5372
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.5000e-004	2.5800e-003	1.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	0.7269	0.7269	2.0000e-005	0.0000	0.7273
Total	**4.1000e-004**	**2.3000e-003**	**2.9900e-003**	**2.0000e-005**	**9.5000e-004**	**2.0000e-005**	**9.6000e-004**	**2.5000e-004**	**2.0000e-005**	**2.7000e-004**	**0.0000**	**1.2634**	**1.2634**	**5.0000e-005**	**0.0000**	**1.2645**

3.11 Phase 1B-Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1508	1.2935	1.1503	1.8100e-003		0.0758	0.0758		0.0714	0.0714	0.0000	154.2363	154.2363	0.0379	0.0000	155.1849
Total	**0.1508**	**1.2935**	**1.1503**	**1.8100e-003**		**0.0758**	**0.0758**		**0.0714**	**0.0714**	**0.0000**	**154.2363**	**154.2363**	**0.0379**	**0.0000**	**155.1849**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0300e-003	0.2112	0.0425	5.7000e-004	0.0154	6.8000e-004	0.0160	4.1300e-003	6.5000e-004	4.7800e-003	0.0000	55.3653	55.3653	2.8500e-003	0.0000	55.4365
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0252	0.0180	0.1864	5.8000e-004	0.0600	4.0000e-004	0.0604	0.0160	3.7000e-004	0.0163	0.0000	52.5441	52.5441	1.2700e-003	0.0000	52.5759
Total	**0.0312**	**0.2292**	**0.2289**	**1.1500e-003**	**0.0753**	**1.0800e-003**	**0.0764**	**0.0201**	**1.0200e-003**	**0.0211**	**0.0000**	**107.9094**	**107.9094**	**4.1200e-003**	**0.0000**	**108.0124**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0735	0.9642	1.2284	1.8100e-003		0.0602	0.0602		0.0602	0.0602	0.0000	154.2362	154.2362	0.0379	0.0000	155.1848

Total	**0.0735**	**0.9642**	**1.2284**	**1.8100e-003**		**0.0602**	**0.0602**		**0.0602**	**0.0602**	**0.0000**	**154.2362**	**154.2362**	**0.0379**	**0.0000**	**155.1848**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0300e-003	0.2112	0.0425	5.7000e-004	0.0154	6.8000e-004	0.0160	4.1300e-003	6.5000e-004	4.7800e-003	0.0000	55.3653	55.3653	2.8500e-003	0.0000	55.4365
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0252	0.0180	0.1864	5.8000e-004	0.0600	4.0000e-004	0.0604	0.0160	3.7000e-004	0.0163	0.0000	52.5441	52.5441	1.2700e-003	0.0000	52.5759
Total	**0.0312**	**0.2292**	**0.2289**	**1.1500e-003**	**0.0753**	**1.0800e-003**	**0.0764**	**0.0201**	**1.0200e-003**	**0.0211**	**0.0000**	**107.9094**	**107.9094**	**4.1200e-003**	**0.0000**	**108.0124**

3.11 Phase 1B-Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0466	0.4073	0.3906	6.2000e-004		0.0225	0.0225		0.0212	0.0212	0.0000	53.2876	53.2876	0.0129	0.0000	53.6108
Total	**0.0466**	**0.4073**	**0.3906**	**6.2000e-004**		**0.0225**	**0.0225**		**0.0212**	**0.0212**	**0.0000**	**53.2876**	**53.2876**	**0.0129**	**0.0000**	**53.6108**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9700e-003	0.0674	0.0144	1.9000e-004	0.0134	2.1000e-004	0.0136	3.4000e-003	2.0000e-004	3.6000e-003	0.0000	18.8809	18.8809	9.6000e-004	0.0000	18.9050
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0500e-003	5.5500e-003	0.0588	1.9000e-004	0.0207	1.4000e-004	0.0209	5.5100e-003	1.2000e-004	5.6400e-003	0.0000	17.5147	17.5147	3.9000e-004	0.0000	17.5245
Total	**0.0100**	**0.0729**	**0.0732**	**3.8000e-004**	**0.0341**	**3.5000e-004**	**0.0344**	**8.9100e-003**	**3.2000e-004**	**9.2400e-003**	**0.0000**	**36.3956**	**36.3956**	**1.3500e-003**	**0.0000**	**36.4295**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0239	0.3307	0.4225	6.2000e-004		0.0203	0.0203		0.0203	0.0203	0.0000	53.2875	53.2875	0.0129	0.0000	53.6107
Total	**0.0239**	**0.3307**	**0.4225**	**6.2000e-004**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**53.2875**	**53.2875**	**0.0129**	**0.0000**	**53.6107**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	1.9700e-003	0.0674	0.0144	1.9000e-004	0.0134	2.1000e-004	0.0136	3.4000e-003	2.0000e-004	3.6000e-003	0.0000	18.8809	18.8809	9.6000e-004	0.0000	18.9050
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0500e-003	5.5500e-003	0.0588	1.9000e-004	0.0207	1.4000e-004	0.0209	5.5100e-003	1.2000e-004	5.6400e-003	0.0000	17.5147	17.5147	3.9000e-004	0.0000	17.5245
Total	**0.0100**	**0.0729**	**0.0732**	**3.8000e-004**	**0.0341**	**3.5000e-004**	**0.0344**	**8.9100e-003**	**3.2000e-004**	**9.2400e-003**	**0.0000**	**36.3956**	**36.3956**	**1.3500e-003**	**0.0000**	**36.4295**

3.12 Phase 1B-Architectural Coatings - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7421					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6300e-003	0.0183	0.0218	4.0000e-005		1.1300e-003	1.1300e-003		1.1300e-003	1.1300e-003	0.0000	3.0639	3.0639	2.1000e-004	0.0000	3.0692
Total	**0.7448**	**0.0183**	**0.0218**	**4.0000e-005**		**1.1300e-003**	**1.1300e-003**		**1.1300e-003**	**1.1300e-003**	**0.0000**	**3.0639**	**3.0639**	**2.1000e-004**	**0.0000**	**3.0692**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	5.3000e-004	5.6500e-003	2.0000e-005	1.9900e-003	1.0000e-005	2.0000e-003	5.3000e-004	1.0000e-005	5.4000e-004	0.0000	1.6833	1.6833	4.0000e-005	0.0000	1.6843
Total	**7.7000e-004**	**5.3000e-004**	**5.6500e-003**	**2.0000e-005**	**1.9900e-003**	**1.0000e-005**	**2.0000e-003**	**5.3000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.6833**	**1.6833**	**4.0000e-005**	**0.0000**	**1.6843**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7421					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1000e-004	0.0163	0.0220	4.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	3.0639	3.0639	2.1000e-004	0.0000	3.0692
Total	**0.7428**	**0.0163**	**0.0220**	**4.0000e-005**		**1.1400e-003**	**1.1400e-003**		**1.1400e-003**	**1.1400e-003**	**0.0000**	**3.0639**	**3.0639**	**2.1000e-004**	**0.0000**	**3.0692**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	5.3000e-004	5.6500e-003	2.0000e-005	1.9900e-003	1.0000e-005	2.0000e-003	5.3000e-004	1.0000e-005	5.4000e-004	0.0000	1.6833	1.6833	4.0000e-005	0.0000	1.6843
Total	**7.7000e-004**	**5.3000e-004**	**5.6500e-003**	**2.0000e-005**	**1.9900e-003**	**1.0000e-005**	**2.0000e-003**	**5.3000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.6833**	**1.6833**	**4.0000e-005**	**0.0000**	**1.6843**

3.13 Phase 1B-Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.9100e-003	0.0711	0.0806	1.3000e-004		3.7300e-003	3.7300e-003		3.4300e-003	3.4300e-003	0.0000	11.0129	11.0129	3.5600e-003	0.0000	11.1020
Paving	0.0314					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0383**	**0.0711**	**0.0806**	**1.3000e-004**		**3.7300e-003**	**3.7300e-003**		**3.4300e-003**	**3.4300e-003**	**0.0000**	**11.0129**	**11.0129**	**3.5600e-003**	**0.0000**	**11.1020**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-005	2.9700e-003	6.3000e-004	1.0000e-005	1.9000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.8322	0.8322	4.0000e-005	0.0000	0.8333
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.9000e-004	1.9700e-003	1.0000e-005	7.0000e-004	0.0000	7.0000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.5878	0.5878	1.0000e-005	0.0000	0.5882
Total	**3.6000e-004**	**3.1600e-003**	**2.6000e-003**	**2.0000e-005**	**8.9000e-004**	**1.0000e-005**	**8.9000e-004**	**2.3000e-004**	**1.0000e-005**	**2.5000e-004**	**0.0000**	**1.4200**	**1.4200**	**5.0000e-005**	**0.0000**	**1.4214**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0900e-003	0.0621	0.0951	1.3000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	11.0129	11.0129	3.5600e-003	0.0000	11.1020

Paving	0.0314					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0345**	**0.0621**	**0.0951**	**1.3000e-004**		**3.3500e-003**	**3.3500e-003**		**3.3500e-003**	**3.3500e-003**	**0.0000**	**11.0129**	**11.0129**	**3.5600e-003**	**0.0000**	**11.1020**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-005	2.9700e-003	6.3000e-004	1.0000e-005	1.9000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.8322	0.8322	4.0000e-005	0.0000	0.8333
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.9000e-004	1.9700e-003	1.0000e-005	7.0000e-004	0.0000	7.0000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.5878	0.5878	1.0000e-005	0.0000	0.5882
Total	**3.6000e-004**	**3.1600e-003**	**2.6000e-003**	**2.0000e-005**	**8.9000e-004**	**1.0000e-005**	**8.9000e-004**	**2.3000e-004**	**1.0000e-005**	**2.5000e-004**	**0.0000**	**1.4200**	**1.4200**	**5.0000e-005**	**0.0000**	**1.4214**

3.14 Phase 2-Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0127	0.0604	0.1305	2.9000e-004		2.0600e-003	2.0600e-003		2.0600e-003	2.0600e-003	0.0000	25.2789	25.2789	1.0200e-003	0.0000	25.3043
Total	**0.0127**	**0.0604**	**0.1305**	**2.9000e-004**		**2.0600e-003**	**2.0600e-003**		**2.0600e-003**	**2.0600e-003**	**0.0000**	**25.2789**	**25.2789**	**1.0200e-003**	**0.0000**	**25.3043**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	9.0000e-005	1.1800e-003	1.0000e-005	7.9000e-004	0.0000	7.9000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.4870	0.4870	1.0000e-005	0.0000	0.4872
Total	**1.8000e-004**	**9.0000e-005**	**1.1800e-003**	**1.0000e-005**	**7.9000e-004**	**0.0000**	**7.9000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.4870**	**0.4870**	**1.0000e-005**	**0.0000**	**0.4872**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.8800e-003	0.1181	0.1623	2.9000e-004		5.9100e-003	5.9100e-003		5.9100e-003	5.9100e-003	0.0000	25.2788	25.2788	1.0200e-003	0.0000	25.3043
Total	**5.8800e-003**	**0.1181**	**0.1623**	**2.9000e-004**		**5.9100e-003**	**5.9100e-003**		**5.9100e-003**	**5.9100e-003**	**0.0000**	**25.2788**	**25.2788**	**1.0200e-003**	**0.0000**	**25.3043**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	9.0000e-005	1.1800e-003	1.0000e-005	7.9000e-004	0.0000	7.9000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.4870	0.4870	1.0000e-005	0.0000	0.4872
Total	**1.8000e-004**	**9.0000e-005**	**1.1800e-003**	**1.0000e-005**	**7.9000e-004**	**0.0000**	**7.9000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.4870**	**0.4870**	**1.0000e-005**	**0.0000**	**0.4872**

3.15 Phase 2-Grading/Excavation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1345	0.0000	0.1345	0.0411	0.0000	0.0411	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0773	0.2982	0.4168	1.6100e-003		0.0109	0.0109		0.0109	0.0109	0.0000	158.8000	158.8000	6.2200e-003	0.0000	158.9554
Total	**0.0773**	**0.2982**	**0.4168**	**1.6100e-003**	**0.1345**	**0.0109**	**0.1453**	**0.0411**	**0.0109**	**0.0520**	**0.0000**	**158.8000**	**158.8000**	**6.2200e-003**	**0.0000**	**158.9554**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.9300e-003	0.0892	0.0323	4.4000e-004	0.0105	1.6000e-004	0.0106	2.8800e-003	1.5000e-004	3.0400e-003	0.0000	42.5886	42.5886	2.0500e-003	0.0000	42.6398
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	3.3000e-004	4.2600e-003	2.0000e-005	2.8400e-003	1.0000e-005	2.8600e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	1.7533	1.7533	2.0000e-005	0.0000	1.7539
Total	**3.5700e-003**	**0.0895**	**0.0366**	**4.6000e-004**	**0.0133**	**1.7000e-004**	**0.0135**	**3.6400e-003**	**1.6000e-004**	**3.8100e-003**	**0.0000**	**44.3419**	**44.3419**	**2.0700e-003**	**0.0000**	**44.3936**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1345	0.0000	0.1345	0.0411	0.0000	0.0411	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0370	0.7199	0.8264	1.6100e-003		0.0287	0.0287		0.0287	0.0287	0.0000	158.7998	158.7998	6.2200e-003	0.0000	158.9553
Total	**0.0370**	**0.7199**	**0.8264**	**1.6100e-003**	**0.1345**	**0.0287**	**0.1631**	**0.0411**	**0.0287**	**0.0698**	**0.0000**	**158.7998**	**158.7998**	**6.2200e-003**	**0.0000**	**158.9553**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.9300e-003	0.0892	0.0323	4.4000e-004	0.0105	1.6000e-004	0.0106	2.8800e-003	1.5000e-004	3.0400e-003	0.0000	42.5886	42.5886	2.0500e-003	0.0000	42.6398
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	3.3000e-004	4.2600e-003	2.0000e-005	2.8400e-003	1.0000e-005	2.8600e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	1.7533	1.7533	2.0000e-005	0.0000	1.7539
Total	**3.5700e-003**	**0.0895**	**0.0366**	**4.6000e-004**	**0.0133**	**1.7000e-004**	**0.0135**	**3.6400e-003**	**1.6000e-004**	**3.8100e-003**	**0.0000**	**44.3419**	**44.3419**	**2.0700e-003**	**0.0000**	**44.3936**

3.16 Phase 2-Drainage/Utilities/Sub-Grade - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2258	0.0000	0.2258	0.1241	0.0000	0.1241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0305	0.1709	0.2037	5.8000e-004		5.4600e-003	5.4600e-003		5.4600e-003	5.4600e-003	0.0000	50.0058	50.0058	2.4700e-003	0.0000	50.0675
Total	**0.0305**	**0.1709**	**0.2037**	**5.8000e-004**	**0.2258**	**5.4600e-003**	**0.2313**	**0.1241**	**5.4600e-003**	**0.1296**	**0.0000**	**50.0058**	**50.0058**	**2.4700e-003**	**0.0000**	**50.0675**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.1000e-004	2.6600e-003	1.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.0958	1.0958	1.0000e-005	0.0000	1.0962
Total	**4.0000e-004**	**2.1000e-004**	**2.6600e-003**	**1.0000e-005**	**1.7800e-003**	**1.0000e-005**	**1.7900e-003**	**4.7000e-004**	**1.0000e-005**	**4.8000e-004**	**0.0000**	**1.0958**	**1.0958**	**1.0000e-005**	**0.0000**	**1.0962**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2258	0.0000	0.2258	0.1241	0.0000	0.1241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0116	0.2383	0.2870	5.8000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	50.0057	50.0057	2.4700e-003	0.0000	50.0674
Total	**0.0116**	**0.2383**	**0.2870**	**5.8000e-004**	**0.2258**	**0.0118**	**0.2377**	**0.1241**	**0.0118**	**0.1360**	**0.0000**	**50.0057**	**50.0057**	**2.4700e-003**	**0.0000**	**50.0674**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.1000e-004	2.6600e-003	1.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.0958	1.0958	1.0000e-005	0.0000	1.0962
Total	**4.0000e-004**	**2.1000e-004**	**2.6600e-003**	**1.0000e-005**	**1.7800e-003**	**1.0000e-005**	**1.7900e-003**	**4.7000e-004**	**1.0000e-005**	**4.8000e-004**	**0.0000**	**1.0958**	**1.0958**	**1.0000e-005**	**0.0000**	**1.0962**

3.17 Phase 2-Foundations/Concrete Pour - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0109	0.0679	0.1447	2.8000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003	0.0000	24.0309	24.0309	8.8000e-004	0.0000	24.0528
Total	**0.0109**	**0.0679**	**0.1447**	**2.8000e-004**	**0.0000**	**1.3600e-003**	**1.3600e-003**	**0.0000**	**1.3600e-003**	**1.3600e-003**	**0.0000**	**24.0309**	**24.0309**	**8.8000e-004**	**0.0000**	**24.0528**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.3900e-003	0.1337	0.0485	6.5000e-004	0.0157	2.4000e-004	0.0160	4.3200e-003	2.3000e-004	4.5600e-003	0.0000	63.8829	63.8829	3.0700e-003	0.0000	63.9596
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	1.7000e-004	2.1300e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	0.8766	0.8766	1.0000e-005	0.0000	0.8769
Total	**4.7100e-003**	**0.1339**	**0.0506**	**6.6000e-004**	**0.0171**	**2.5000e-004**	**0.0174**	**4.7000e-003**	**2.4000e-004**	**4.9400e-003**	**0.0000**	**64.7595**	**64.7595**	**3.0800e-003**	**0.0000**	**64.8366**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5900e-003	0.1240	0.1627	2.8000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	24.0308	24.0308	8.8000e-004	0.0000	24.0528
Total	**5.5900e-003**	**0.1240**	**0.1627**	**2.8000e-004**	**0.0000**	**8.0300e-003**	**8.0300e-003**	**0.0000**	**8.0300e-003**	**8.0300e-003**	**0.0000**	**24.0308**	**24.0308**	**8.8000e-004**	**0.0000**	**24.0528**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	4.3900e-003	0.1337	0.0485	6.5000e-004	0.0157	2.4000e-004	0.0160	4.3200e-003	2.3000e-004	4.5600e-003	0.0000	63.8829	63.8829	3.0700e-003	0.0000	63.9596
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	1.7000e-004	2.1300e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	0.8766	0.8766	1.0000e-005	0.0000	0.8769
Total	**4.7100e-003**	**0.1339**	**0.0506**	**6.6000e-004**	**0.0171**	**2.5000e-004**	**0.0174**	**4.7000e-003**	**2.4000e-004**	**4.9400e-003**	**0.0000**	**64.7595**	**64.7595**	**3.0800e-003**	**0.0000**	**64.8366**

3.18 Phase 2-Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0985	0.5901	1.2044	2.3300e-003		0.0111	0.0111		0.0111	0.0111	0.0000	197.8990	197.8990	7.9300e-003	0.0000	198.0973
Total	**0.0985**	**0.5901**	**1.2044**	**2.3300e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**197.8990**	**197.8990**	**7.9300e-003**	**0.0000**	**198.0973**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.1600e-003	0.1878	0.0681	9.2000e-004	0.0221	3.4000e-004	0.0224	6.0700e-003	3.3000e-004	6.4000e-003	0.0000	89.7108	89.7108	4.3100e-003	0.0000	89.8186
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0197	0.2515	1.1400e-003	0.1682	7.5000e-004	0.1689	0.0447	6.9000e-004	0.0454	0.0000	103.6388	103.6388	1.3500e-003	0.0000	103.6725
Total	**0.0441**	**0.2075**	**0.3196**	**2.0600e-003**	**0.1902**	**1.0900e-003**	**0.1913**	**0.0508**	**1.0200e-003**	**0.0518**	**0.0000**	**193.3496**	**193.3496**	**5.6600e-003**	**0.0000**	**193.4911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0545	1.0307	1.3469	2.3300e-003		0.0613	0.0613		0.0613	0.0613	0.0000	197.8988	197.8988	7.9300e-003	0.0000	198.0970
Total	**0.0545**	**1.0307**	**1.3469**	**2.3300e-003**		**0.0613**	**0.0613**		**0.0613**	**0.0613**	**0.0000**	**197.8988**	**197.8988**	**7.9300e-003**	**0.0000**	**198.0970**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.1600e-003	0.1878	0.0681	9.2000e-004	0.0221	3.4000e-004	0.0224	6.0700e-003	3.3000e-004	6.4000e-003	0.0000	89.7108	89.7108	4.3100e-003	0.0000	89.8186
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0197	0.2515	1.1400e-003	0.1682	7.5000e-004	0.1689	0.0447	6.9000e-004	0.0454	0.0000	103.6388	103.6388	1.3500e-003	0.0000	103.6725
Total	**0.0441**	**0.2075**	**0.3196**	**2.0600e-003**	**0.1902**	**1.0900e-003**	**0.1913**	**0.0508**	**1.0200e-003**	**0.0518**	**0.0000**	**193.3496**	**193.3496**	**5.6600e-003**	**0.0000**	**193.4911**

3.19 Phase 2-Architectural Coatings - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.0519					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7400e-003	0.0114	0.0240	4.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004	0.0000	3.4043	3.4043	1.4000e-004	0.0000	3.4078
Total	**1.0536**	**0.0114**	**0.0240**	**4.0000e-005**		**2.7000e-004**	**2.7000e-004**		**2.7000e-004**	**2.7000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.4000e-004**	**0.0000**	**3.4078**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	5.7000e-004	7.3300e-003	3.0000e-005	4.9000e-003	2.0000e-005	4.9200e-003	1.3000e-003	2.0000e-005	1.3200e-003	0.0000	3.0196	3.0196	4.0000e-005	0.0000	3.0205
Total	**1.1000e-003**	**5.7000e-004**	**7.3300e-003**	**3.0000e-005**	**4.9000e-003**	**2.0000e-005**	**4.9200e-003**	**1.3000e-003**	**2.0000e-005**	**1.3200e-003**	**0.0000**	**3.0196**	**3.0196**	**4.0000e-005**	**0.0000**	**3.0205**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.0519					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	7.9000e-004	0.0181	0.0244	4.0000e-005		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	3.4043	3.4043	1.4000e-004	0.0000	3.4078
Total	**1.0527**	**0.0181**	**0.0244**	**4.0000e-005**		**1.2700e-003**	**1.2700e-003**		**1.2700e-003**	**1.2700e-003**	**0.0000**	**3.4043**	**3.4043**	**1.4000e-004**	**0.0000**	**3.4078**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	5.7000e-004	7.3300e-003	3.0000e-005	4.9000e-003	2.0000e-005	4.9200e-003	1.3000e-003	2.0000e-005	1.3200e-003	0.0000	3.0196	3.0196	4.0000e-005	0.0000	3.0205
Total	**1.1000e-003**	**5.7000e-004**	**7.3300e-003**	**3.0000e-005**	**4.9000e-003**	**2.0000e-005**	**4.9200e-003**	**1.3000e-003**	**2.0000e-005**	**1.3200e-003**	**0.0000**	**3.0196**	**3.0196**	**4.0000e-005**	**0.0000**	**3.0205**

3.20 Phase 2-Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0111	0.0570	0.1268	2.2000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	19.2796	19.2796	9.0000e-004	0.0000	19.3022
Paving	0.0239					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0350**	**0.0570**	**0.1268**	**2.2000e-004**		**2.6500e-003**	**2.6500e-003**		**2.6500e-003**	**2.6500e-003**	**0.0000**	**19.2796**	**19.2796**	**9.0000e-004**	**0.0000**	**19.3022**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	2.3000e-003	8.3000e-004	1.0000e-005	3.3000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	1.0991	1.0991	5.0000e-005	0.0000	1.1004
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	4.0000e-005	5.7000e-004	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2338	0.2338	0.0000	0.0000	0.2339
Total	**1.7000e-004**	**2.3400e-003**	**1.4000e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**1.3328**	**1.3328**	**5.0000e-005**	**0.0000**	**1.3342**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.4900e-003	0.0904	0.1384	2.2000e-004		4.8700e-003	4.8700e-003		4.8700e-003	4.8700e-003	0.0000	19.2796	19.2796	9.0000e-004	0.0000	19.3022
Paving	0.0239					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0284**	**0.0904**	**0.1384**	**2.2000e-004**		**4.8700e-003**	**4.8700e-003**		**4.8700e-003**	**4.8700e-003**	**0.0000**	**19.2796**	**19.2796**	**9.0000e-004**	**0.0000**	**19.3022**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	8.0000e-005	2.3000e-003	8.3000e-004	1.0000e-005	3.3000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	1.0991	1.0991	5.0000e-005	0.0000	1.1004
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	4.0000e-005	5.7000e-004	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2338	0.2338	0.0000	0.0000	0.2339
Total	**1.7000e-004**	**2.3400e-003**	**1.4000e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**1.3328**	**1.3328**	**5.0000e-005**	**0.0000**	**1.3342**

3.20 Phase 2-Paving - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.4600e-003	0.0178	0.0396	7.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	6.0249	6.0249	2.8000e-004	0.0000	6.0319
Paving	7.4700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.0178**	**0.0396**	**7.0000e-005**		**8.3000e-004**	**8.3000e-004**		**8.3000e-004**	**8.3000e-004**	**0.0000**	**6.0249**	**6.0249**	**2.8000e-004**	**0.0000**	**6.0319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	7.1000e-004	2.6000e-004	0.0000	2.9000e-004	0.0000	2.9000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.3422	0.3422	2.0000e-005	0.0000	0.3427
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.7000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0714	0.0714	0.0000	0.0000	0.0714
Total	**4.0000e-005**	**7.2000e-004**	**4.3000e-004**	**0.0000**	**4.1000e-004**	**0.0000**	**4.1000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.4136**	**0.4136**	**2.0000e-005**	**0.0000**	**0.4141**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4000e-003	0.0282	0.0432	7.0000e-005		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	6.0249	6.0249	2.8000e-004	0.0000	6.0319
Paving	7.4700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.8700e-003**	**0.0282**	**0.0432**	**7.0000e-005**		**1.5200e-003**	**1.5200e-003**		**1.5200e-003**	**1.5200e-003**	**0.0000**	**6.0249**	**6.0249**	**2.8000e-004**	**0.0000**	**6.0319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	7.1000e-004	2.6000e-004	0.0000	2.9000e-004	0.0000	2.9000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.3422	0.3422	2.0000e-005	0.0000	0.3427
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.7000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0714	0.0714	0.0000	0.0000	0.0714
Total	**4.0000e-005**	**7.2000e-004**	**4.3000e-004**	**0.0000**	**4.1000e-004**	**0.0000**	**4.1000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.4136**	**0.4136**	**2.0000e-005**	**0.0000**	**0.4141**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.7853	20.6799	45.0663	0.1278	9.9978	0.1455	10.1433	2.6839	0.1367	2.8207	0.0000	11,721.1523	11,721.1523	0.5290	0.0000	11,734.3768
Unmitigated	4.7853	20.6799	45.0663	0.1278	9.9978	0.1455	10.1433	2.6839	0.1367	2.8207	0.0000	11,721.1523	11,721.1523	0.5290	0.0000	11,734.3768

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	6,186.40	7,955.00	4983.16	9,654,403	9,654,403
Gasoline/Service Station	3,371.20	3,371.20	3371.20	1,942,379	1,942,379
Hotel	1,887.27	1,891.89	1374.45	3,447,747	3,447,747
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	221.60	210.20	102.15	312,484	312,484
Strip Mall	8,156.65	7,737.04	3759.94	11,501,900	11,501,900
Total	19,823.12	21,165.33	13,590.90	26,858,912	26,858,912

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	9.50	7.30	7.30	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	9.50	7.30	7.30	2.00	79.00	19.00	14	27	59
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812
Gasoline/Service Station	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812
Hotel	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812
Other Non-Asphalt Surfaces	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812
Parking Lot	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812
Strip Mall	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,453.7957	1,453.7957	0.0657	0.0136	1,459.4921
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,453.7957	1,453.7957	0.0657	0.0136	1,459.4921

NaturalGas Mitigated	0.0363	0.3295	0.2768	1.9800e-003		0.0250	0.0250		0.0250	0.0250	0.0000	358.7212	358.7212	6.8800e-003	6.5800e-003	360.8529
NaturalGas Unmitigated	0.0363	0.3295	0.2768	1.9800e-003		0.0250	0.0250		0.0250	0.0250	0.0000	358.7212	358.7212	6.8800e-003	6.5800e-003	360.8529

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	350760	1.8900e-003	0.0172	0.0144	1.0000e-004		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003	0.0000	18.7179	18.7179	3.6000e-004	3.4000e-004	18.8291
Gasoline/Service Station	74483.9	4.0000e-004	3.6500e-003	3.0700e-003	2.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.9748	3.9748	8.0000e-005	7.0000e-005	3.9984
Hotel	5.84892e+006	0.0315	0.2867	0.2408	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	312.1207	312.1207	5.9800e-003	5.7200e-003	313.9754
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	11850	6.0000e-005	5.8000e-004	4.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6324	0.6324	1.0000e-005	1.0000e-005	0.6361
Strip Mall	436168	2.3500e-003	0.0214	0.0180	1.3000e-004		1.6200e-003	1.6200e-003		1.6200e-003	1.6200e-003	0.0000	23.2756	23.2756	4.5000e-004	4.3000e-004	23.4139
Total		**0.0362**	**0.3295**	**0.2768**	**1.9700e-003**		**0.0250**	**0.0250**		**0.0250**	**0.0250**	**0.0000**	**358.7212**	**358.7212**	**6.8800e-003**	**6.5700e-003**	**360.8529**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	350760	1.8900e-003	0.0172	0.0144	1.0000e-004		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003	0.0000	18.7179	18.7179	3.6000e-004	3.4000e-004	18.8291

Gasoline/Service Station	74483.9	4.0000e-004	3.6500e-003	3.0700e-003	2.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.9748	3.9748	8.0000e-005	7.0000e-005	3.9984
Hotel	5.84892e+006	0.0315	0.2867	0.2408	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	312.1207	312.1207	5.9800e-003	5.7200e-003	313.9754
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	11850	6.0000e-005	5.8000e-004	4.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6324	0.6324	1.0000e-005	1.0000e-005	0.6361
Strip Mall	436168	2.3500e-003	0.0214	0.0180	1.3000e-004		1.6200e-003	1.6200e-003		1.6200e-003	1.6200e-003	0.0000	23.2756	23.2756	4.5000e-004	4.3000e-004	23.4139
Total		**0.0362**	**0.3295**	**0.2768**	**1.9700e-003**		**0.0250**	**0.0250**		**0.0250**	**0.0250**	**0.0000**	**358.7212**	**358.7212**	**6.8800e-003**	**6.5700e-003**	**360.8529**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	1.58212e+006	460.2569	0.0208	4.3100e-003	462.0603
Gasoline/Service Station	23322.1	6.7847	3.1000e-004	6.0000e-005	6.8113
Hotel	1.00584e+006	292.6104	0.0132	2.7400e-003	293.7569
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	157034	45.6829	2.0700e-003	4.3000e-004	45.8619
Parking Lot	160083	46.5700	2.1100e-003	4.4000e-004	46.7525
Parking Lot	48177.4	14.0154	6.3000e-004	1.3000e-004	14.0703
Strip Mall	1.96736e+006	572.3263	0.0259	5.3500e-003	574.5688
Strip Mall	53450	15.5492	7.0000e-004	1.5000e-004	15.6101
Total		**1,453.7957**	**0.0657**	**0.0136**	**1,459.4921**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	1.58212e+006	460.2569	0.0208	4.3100e-003	462.0603
Gasoline/Service Station	23322.1	6.7847	3.1000e-004	6.0000e-005	6.8113
Hotel	1.00584e+006	292.6104	0.0132	2.7400e-003	293.7569
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	157034	45.6829	2.0700e-003	4.3000e-004	45.8619
Parking Lot	160083	46.5700	2.1100e-003	4.4000e-004	46.7525
Parking Lot	48177.4	14.0154	6.3000e-004	1.3000e-004	14.0703
Strip Mall	1.96736e+006	572.3263	0.0259	5.3500e-003	574.5688
Strip Mall	53450	15.5492	7.0000e-004	1.5000e-004	15.6101
Total		**1,453.7957**	**0.0657**	**0.0136**	**1,459.4921**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Mitigated	2.2063	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Unmitigated	2.2063	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2746					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.9312					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.4000e-004	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Total	**2.2063**	**5.0000e-005**	**5.7300e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0111**	**0.0111**	**3.0000e-005**	**0.0000**	**0.0118**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2746					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.9312					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.4000e-004	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118

Total	**2.2063**	**5.0000e-005**	**5.7300e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0111**	**0.0111**	**3.0000e-005**	**0.0000**	**0.0118**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	75.2127	1.0161	0.0245	107.9247
Unmitigated	75.2127	1.0161	0.0245	107.9247

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	10.9627 / 6.71909	27.5760	0.3583	8.6600e-003	39.1145
Gasoline/Service Station	0.265638 / 0.16281	0.6682	8.6800e-003	2.1000e-004	0.9478
Hotel	5.85972 / 0.65108	11.7459	0.1914	4.6000e-003	17.9016
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000

Strip Mall	14.0027 / 8.58228	35.2227	0.4577	0.0111	49.9608
Total		**75.2127**	**1.0161**	**0.0245**	**107.9247**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	10.9627 / 6.71909	27.5760	0.3583	8.6600e-003	39.1145
Gasoline/Service Station	0.265638 / 0.16281	0.6682	8.6800e-003	2.1000e-004	0.9478
Hotel	5.85972 / 0.65108	11.7459	0.1914	4.6000e-003	17.9016
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	14.0027 / 8.58228	35.2227	0.4577	0.0111	49.9608
Total		**75.2127**	**1.0161**	**0.0245**	**107.9247**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e

	MT/yr			
Mitigated	197.3559	11.6634	0.0000	488.9410
Unmitigated	197.3559	11.6634	0.0000	488.9410

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	198.49	40.2917	2.3812	0.0000	99.8209
Total		**197.3559**	**11.6634**	**0.0000**	**488.9410**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	198.49	40.2917	2.3812	0.0000	99.8209
Total		**197.3559**	**11.6634**	**0.0000**	**488.9410**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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Construction Haul Truck Idling Emissions

fuel	Dsl
vehicle_class	HHDT
process	IDLEX

Average of emission_rate	Column Labels				
Row Labels	**NOx**	**PM10**	**PM2_5**	**ROG**	**Grand Total**
2020	37.3428984	0.038761291	0.037084494	2.402915815	9.955415
2021	35.93526632	0.033085473	0.03165421	2.388771459	9.597194366
2030	29.71019804	0.014121172	0.013510297	2.354600498	8.023107501
Grand Total	**34.32945425**	**0.028655979**	**0.027416334**	**2.382095924**	**9.191905622**

Year	ROG	NOx	PM10	PM2_5
		g/hr		
2020	2.40E+00	3.73E+01	3.88E-02	3.71E-02
2021	2.39E+00	3.59E+01	3.31E-02	3.17E-02
2030	2.35E+00	2.97E+01	1.41E-02	1.35E-02

Year	ROG	NOx	PM10	PM2_5
		g/min		
2020	4.00E-02	6.22E-01	6.46E-04	6.18E-04
2021	3.98E-02	5.99E-01	5.51E-04	5.28E-04
2030	3.92E-02	4.95E-01	2.35E-04	2.25E-04

Year	ROG	NOx	PM10	PM2_5
		lb/min		
2020	8.83E-05	1.37E-03	1.42E-06	1.36E-06
2021	8.78E-05	1.32E-03	1.22E-06	1.16E-06
2030	8.65E-05	1.09E-03	5.19E-07	4.96E-07

On-Road Haul/Concrete Truck Idling Emissions

Phase 1A- Costco and Gas Station (2020)

Construction Phase	Start	End	First Year of Construction	Total Work Days (6 days per week)	Hours per Day	Total Trucks	Total Truck Trips (In/Out)	Total Truck Trips (In/Out) per Day	Idling Duration (min)	ROG Idling Exhaust EF (lb/min)	NOX Idling Exhaust EF (lb/min)	PM10 Idling Exhaust EF (lb/min)	PM2.5 Idling Exhaust EF (lb/min)	ROG Idling Exhaust Emissions (tons)	NOX Idling Exhaust Emissions (tons)	PM10 Idling Exhaust Emissions (tons)	PM2.5 Idling Exhaust Emissions (tons)
Grading/Excavation	4/6/2020	5/10/2020	2020	30	8	400	800	28	15	8.83E-05	1.37E-03	1.42E-06	1.36E-06	2.65E-04	4.12E-03	4.27E-06	4.09E-06
Drainage/Utilities/Sub-Grade	4/22/2020	4/29/2020	2020	7	8	0	0	0	15	8.83E-05	1.37E-03	1.42E-06	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Foundations/Concrete Pour	4/29/2020	5/15/2020	2020	15	8	600	1200	80	15	8.83E-05	1.37E-03	1.42E-06	1.36E-06	3.97E-04	6.17E-03	6.41E-06	6.13E-06
Building Construction	5/16/2020	7/24/2020	2020	60	8	1050	2100	36	15	8.83E-05	1.37E-03	1.42E-06	1.36E-06	6.95E-04	1.08E-02	1.12E-05	1.07E-05
Architectural Coatings	5/28/2020	7/24/2020	2020	50	8	0	0	0	15	8.83E-05	1.37E-03	1.42E-06	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Paving	7/17/2020	7/24/2020	2020	7	8	7	14	2	15	8.83E-05	1.37E-03	1.42E-06	1.36E-06	4.64E-06	7.20E-05	7.48E-08	7.15E-08
													Total	**1.36E-03**	**2.12E-02**	**2.20E-05**	**2.10E-05**

Phase 1B- Hotel and Retail (2020)

Construction Phase	Start	End	First Year of Construction	Total Work Days (5 days per week)	Hours per Day	Total Trucks	Total Truck Trips (In/Out)	Total Truck Trips (In/Out) per Day	Idling Duration (min)	ROG Idling Exhaust EF (lb/min)	NOX Idling Exhaust EF (lb/min)	PM10 Idling Exhaust EF (lb/min)	PM2.5 Idling Exhaust EF (lb/min)	ROG Idling Exhaust Emissions (tons)	NOX Idling Exhaust Emissions (tons)	PM10 Idling Exhaust Emissions (tons)	PM2.5 Idling Exhaust Emissions (tons)
Grading/Excavation	4/6/2020	6/15/2020	2020	51	8	340	680	14	15	8.83E-05	1.37E-03	1.42E-06	1.36E-06	2.25E-04	3.50E-03	3.63E-06	3.47E-06
Drainage/Utilities/Sub-Grade	6/16/2020	6/30/2020	2020	11	8	0	0	0	15	8.83E-05	1.37E-03	1.42E-06	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Foundations/Concrete Pour	7/1/2020	7/30/2020	2020	22	8	510	1020	48	15	8.83E-05	1.37E-03	1.42E-06	1.36E-06	3.38E-04	5.25E-03	5.45E-06	5.21E-06
Building Construction	7/31/2020	2/23/2021	2020	148	8	972	1944	14	15	8.83E-05	1.37E-03	1.42E-06	1.36E-06	6.44E-04	1.00E-02	1.04E-05	9.93E-06
Architectural Coatings	2/24/2021	3/20/2021	2021	18	8	0	0	0	15	8.78E-05	1.32E-03	1.22E-06	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Paving	3/21/2021	4/5/2021	2021	11	8	11	22	2	15	8.78E-05	1.32E-03	1.22E-06	1.16E-06	7.24E-06	1.09E-04	1.00E-07	9.60E-08
													Total	**1.21E-03**	**1.89E-02**	**1.96E-05**	**1.87E-05**

Phase 2- Retail (2030)

Construction Phase	Start	End	First Year of Construction	Total Work Days (5 days per week)	Hours per Day	Total Trucks	Total Truck Trips (In/Out)	Total Truck Trips (In/Out) per Day	Idling Duration (min)	ROG Idling Exhaust EF (lb/min)	NOX Idling Exhaust EF (lb/min)	PM10 Idling Exhaust EF (lb/min)	PM2.5 Idling Exhaust EF (lb/min)	ROG Idling Exhaust Emissions (tons)	NOX Idling Exhaust Emissions (tons)	PM10 Idling Exhaust Emissions (tons)	PM2.5 Idling Exhaust Emissions (tons)
Demolition	1/7/2030	2/3/2030	2030	20	8	0	0	0	15	8.65E-05	1.09E-03	5.19E-07	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Grading/Excavation	2/4/2030	3/2/2030	2030	20	8	620	1240	62	15	8.65E-05	1.09E-03	5.19E-07	4.96E-07	4.02E-04	5.08E-03	2.41E-06	2.31E-06
Drainage/Utilities/Sub-Grade	3/3/2030	4/6/2030	2030	25	8	0	0	0	15	8.65E-05	1.09E-03	5.19E-07	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Foundations/Concrete Pour	4/6/2030	4/28/2030	2030	15	8	930	1860	124	15	8.65E-05	1.09E-03	5.19E-07	4.96E-07	6.03E-04	7.61E-03	3.62E-06	3.46E-06
Building Construction	4/30/2030	11/11/2030	2030	140	8	1306	2612	20	15	8.65E-05	1.09E-03	5.19E-07	4.96E-07	8.47E-04	1.07E-02	5.08E-06	4.86E-06
Architectural Coatings	11/12/2030	12/9/2030	2030	20	8	0	0	0	15	8.65E-05	1.09E-03	5.19E-07	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Paving	12/10/2030	1/7/2031	2030	21	8	21	42	2	15	8.65E-05	1.09E-03	5.19E-07	4.96E-07	1.36E-05	1.72E-04	8.17E-08	7.82E-08
													Total	**1.87E-03**	**2.36E-02**	**1.12E-05**	**1.07E-05**

Note:
The City estimated project total truck for the grading/excavation and foundations/concrete pour for all phases, and building construction for Phase 1A, the truck trips of building construction of other phases were scaled based on landuse squarefeet as compared to Phase 1a. Paving phase is assumed to have one truck per day.

Phase	ROG Idling Exhaust Emissions (tons)	NOX Idling Exhaust Emissions (tons)	PM10 Idling Exhaust Emissions (tons)	PM2.5 Idling Exhaust Emissions (tons)
Phase 1A/1B	2.58E-03	4.00E-02	4.15E-05	3.97E-05
Phase 2	1.87E-03	2.36E-02	1.12E-05	1.07E-05

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Construction Emissions Summary

Annual Construction Emissions

Construction Phase	Year	ROG	NOx	PM10 Exhaust	PM2.5 Exhaust
		tons/year			
Phase 1A & Phase 1B	2020	1.27	5.26	0.21	0.21
	2021	0.81	0.49	0.03	0.03
	Total	*2.08*	*5.75*	*0.24*	*0.24*
Phase 2	2030	1.25	2.77	0.12	0.12
	2031	0.01	0.03	0.00	0.00
	Total	*1.26*	*2.80*	*0.13*	*0.12*

These emissions are generated from CalEEMod and do not include haul truck idling emissions

Annual Truck Idling Emissions

Year	ROG Idling Exhaust (tons)	NOX Idling Exhaust (tons)	PM10 Idling Exhaust (tons)	PM2.5 Idling Exhaust (tons)
Phase 1A/1B	2.58E-03	4.00E-02	4.15E-05	3.97E-05
Phase 2	1.87E-03	2.36E-02	1.12E-05	1.07E-05

Annual Emissions Summary

Construction Phase	Year	ROG	NOx	PM10 Exhaust	PM2.5 Exhaust
		tons/year			
Phase 1A & Phase 1B	Construction (excluding Idling)	2.08	5.75	0.24	0.24
	Idling	2.58E-03	4.00E-02	4.15E-05	3.97E-05
	Total	***2.08***	***5.79***	***0.24***	***0.24***
Phase 2	Construction (excluding Idling)	1.26	2.80	0.13	0.12
	Idling	1.87E-03	2.36E-02	1.12E-05	1.07E-05
	Total	***1.26***	***2.83***	***0.13***	***0.12***

Avergae Daily Emissions Summary

Construction Phase	Year	ROG	NOx	Exhaust PM10	Exhaust PM2.5
		Average Daily Emissions (lb/day)			
Phase 1A & Phase 1B	2020/2021	15.08	41.93	1.73	1.73
Phase 2	2030/2031	9.62	21.57	0.95	0.95

Total Annual Emissions by Source (tons per year)

Year	CalEEMod Category	Source	ROG	NOX	PM10 Exh	PM2.5 Ex
2020	Fugitive Dust	Offroad Equipment	0.0000	0.0000	0.0000	0.0000
2020	Off-Road	Offroad Equipment	0.2595	4.1501	0.2093	0.2093
2020	Paving	Offroad Equipment	0.0314	0.0000	0.0000	0.0000
2020	Archit. Coating	Offroad Equipment	0.8769	0.0000	0.0000	0.0000
2020	Hauling	Onroad Truck Travel	0.0303	1.0612	0.0034	0.0033
2020	Hauling	Idling	0.0020	0.0303	0.0000	0.0000
2020	Vendor	Onroad Truck Travel	0.0000	0.0000	0.0000	0.0000
2020	Worker	Worker Commute	0.0687	0.0491	0.0011	0.0010
2021	Fugitive Dust	Offroad Equipment	0.0000	0.0000	0.0000	0.0000
2021	Off-Road	Offroad Equipment	0.0277	0.4091	0.0248	0.0248
2021	Paving	Offroad Equipment	0.0314	0.0000	0.0000	0.0000
2021	Archit. Coating	Offroad Equipment	0.7421	0.0000	0.0000	0.0000
2021	Hauling	Onroad Truck Travel	0.0021	0.0704	0.0002	0.0002
2021	Hauling	Idling	0.0006	0.0097	0.0000	0.0000
2021	Vendor	Onroad Truck Travel	0.0000	0.0000	0.0000	0.0000
2021	Worker	Worker Commute	0.0091	0.0063	0.0002	0.0001
2030	Fugitive Dust	Offroad Equipment	0.0000	0.0000	0.0000	0.0000
2030	Off-Road	Offroad Equipment	0.1199	2.3395	0.1219	0.1219
2030	Paving	Offroad Equipment	0.0239	0.0000	0.0000	0.0000
2030	Archit. Coating	Offroad Equipment	1.0519	0.0000	0.0000	0.0000
2030	Hauling	Onroad Truck Travel	0.0136	0.4130	0.0007	0.0007
2030	Hauling	Idling	0.0018	0.0231	0.0000	0.0000
2030	Vendor	Onroad Truck Travel	0.0000	0.0000	0.0000	0.0000
2030	Worker	Worker Commute	0.0406	0.0211	0.0008	0.0007
2031	Fugitive Dust	Offroad Equipment	0.0000	0.0000	0.0000	0.0000
2031	Off-Road	Offroad Equipment	0.0014	0.0282	0.0015	0.0015
2031	Paving	Offroad Equipment	0.0075	0.0000	0.0000	0.0000
2031	Archit. Coating	Offroad Equipment	0.0000	0.0000	0.0000	0.0000
2031	Hauling	Onroad Truck Travel	0.0000	0.0007	0.0000	0.0000
2031	Vendor	Idling	0.0000	0.0004	0.0000	0.0000
2031	Vendor	Onroad Truck Travel	0.0000	0.0000	0.0000	0.0000
2031	Worker	Worker Commute	0.0000	0.0000	0.0000	0.0000
		Subtotal				

Average Daily Construction Emissions by Source

Phase	CalEEMod Category	Source	ROG	NOX	PM10 Exh	PM2.5 Ex	ROG	NOX	PM10 Exh	PM2.5 Ex
							Average Daily Emissions (lb/day)			
Phase 1A & Phase 1B	Fugitive Dust	Offroad Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Off-Road	Offroad Equipment	0.29	4.56	0.23	0.23	2.08	33.04	1.70	1.70
	Paving	Offroad Equipment	0.06	0.00	0.00	0.00	0.46	0.00	0.00	0.00
	Archit. Coating	Offroad Equipment	1.62	0.00	0.00	0.00	11.73	0.00	0.00	0.00
	Hauling	Onroad Truck Travel	0.03	1.13	0.00	0.00	0.23	8.20	0.03	0.03
	Hauling	Idling	0.00	0.04	0.00	0.00	0.02	0.29	0.00	0.00
	Vendor	Onroad Truck Travel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	Worker Commute	0.08	0.06	0.00	0.00	0.56	0.40	0.01	0.01
		Total	**2.08**	**5.79**	**0.24**	**0.24**	**15.09**	**41.93**	**1.73**	**1.73**
Phase 2	Fugitive Dust	Offroad Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Off-Road	Offroad Equipment	0.12	2.37	0.12	0.12	0.93	18.07	0.94	0.94
	Paving	Offroad Equipment	0.03	0.00	0.00	0.00	0.24	0.00	0.00	0.00
	Archit. Coating	Offroad Equipment	1.05	0.00	0.00	0.00	8.03	0.00	0.00	0.00
	Hauling	Onroad Truck Travel	0.01	0.41	0.00	0.00	0.10	3.16	0.01	0.01
	Hauling	Idling	0.00	0.02	0.00	0.00	0.01	0.18	0.00	0.00
	Vendor	Onroad Truck Travel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	Worker Commute	0.04	0.02	0.00	0.00	0.31	0.16	0.01	0.01
		Total	**1.26**	**2.83**	**0.12**	**0.12**	**9.62**	**21.57**	**0.95**	**0.95**

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Emission Calculations
Operational Emissions

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CalEEMod Output – Phase 1 (2021)

Johnson Drive- Phase 1 Operations-2021 - Bay Area AQMD Air District, Annual

Johnson Drive- Phase 1 Operations-2021

Bay Area AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	3.40	Acre	3.40	148,104.00	0
Other Non-Asphalt Surfaces	1.22	Acre	1.22	53,143.20	0
Parking Lot	10.30	Acre	10.30	448,668.00	0
Parking Lot	3.16	Acre	3.16	137,649.60	0
Hotel	231.00	Room	0.77	132,000.00	0
Discount Club	148.00	1000sqft	3.40	148,000.00	0
Gasoline/Service Station	20.00	Pump	0.06	2,823.50	0
Strip Mall	5.00	1000sqft	0.11	5,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	64
Climate Zone	4			**Operational Year**	2021
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	293.67	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - PG&E's 2016 CO2 emission factor based on The Climate Registry's 2018 Emissions Factor Report

Land Use - Project Specific Information

Consumer Products - Consumer product emissions only associated with hotel land use

Area Coating - Coating only applied to parking lot asphalt surfaces

Energy Use - CalEEmod default 2016 T24 energy rates adjusted to represent 2019 T24 energy rates.

Area Mitigation - Low VOC-Paints, 10g VOC/liter

Fleet Mix - Light duty vehicle categories consistent with HRA

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	47254	34006
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblConsumerProducts	ROG_EF	2.14E-05	9.8E-06
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	5.25	11.98
tblEnergyUse	LightingElect	3.08	2.16
tblEnergyUse	LightingElect	2.35	1.65
tblEnergyUse	LightingElect	0.35	0.25
tblEnergyUse	LightingElect	5.25	3.67
tblEnergyUse	NT24E	2.68	8.75
tblEnergyUse	T24E	2.76	6.30
tblEnergyUse	T24E	1.48	1.04
tblEnergyUse	T24E	2.05	1.44
tblEnergyUse	T24E	2.76	1.93
tblEnergyUse	T24NG	2.37	1.66
tblEnergyUse	T24NG	19.71	13.80
tblEnergyUse	T24NG	39.56	27.69
tblEnergyUse	T24NG	2.37	1.66
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00

tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LHD1	0.02	0.01
tblFleetMix	LHD1	0.02	0.01
tblFleetMix	LHD1	0.02	0.01
tblFleetMix	LHD1	0.02	0.01
tblFleetMix	LHD1	0.02	0.01
tblFleetMix	LHD1	0.02	0.01
tblFleetMix	LHD2	5.3610e-003	5.4310e-003
tblFleetMix	LHD2	5.3610e-003	5.4310e-003

tblFleetMix	LHD2	5.3610e-003	5.4310e-003
tblFleetMix	LHD2	5.3610e-003	5.4310e-003
tblFleetMix	LHD2	5.3610e-003	5.4310e-003
tblFleetMix	LHD2	5.3610e-003	5.4310e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	OBUS	2.5810e-003	2.7880e-003
tblFleetMix	OBUS	2.5810e-003	2.7880e-003

tblFleetMix	OBUS	2.5810e-003	2.7880e-003
tblFleetMix	OBUS	2.5810e-003	2.7880e-003
tblFleetMix	OBUS	2.5810e-003	2.7880e-003
tblFleetMix	OBUS	2.5810e-003	2.7880e-003
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblLandUse	LandUseSquareFeet	335,412.00	132,000.00
tblLandUse	LotAcreage	7.70	0.77
tblProjectCharacteristics	CO2IntensityFactor	641.35	293.67
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	27.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	59.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	14.00	100.00
tblVehicleTrips	PR_TP	58.00	100.00

tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	53.75	59.80
tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	ST_TR	8.19	7.99
tblVehicleTrips	ST_TR	42.04	34.89
tblVehicleTrips	SU_TR	33.67	59.80
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	SU_TR	5.95	7.99
tblVehicleTrips	SU_TR	20.43	34.89
tblVehicleTrips	WD_TR	41.80	47.03
tblVehicleTrips	WD_TR	168.56	0.00
tblVehicleTrips	WD_TR	8.17	7.99
tblVehicleTrips	WD_TR	44.32	29.82
tblWater	IndoorWaterUseRate	10,962,733.18	4,000,000.00
tblWater	OutdoorWaterUseRate	6,719,094.53	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4072	4.0379	3.0056	8.6900e-003	0.5434	0.1456	0.6890	0.1945	0.1358	0.3303	0.0000	791.4349	791.4349	0.1024	0.0000	793.9956
2021	0.4883	4.5565	3.8785	0.0131	0.5554	0.1298	0.6852	0.1510	0.1220	0.2729	0.0000	1,201.1136	1,201.1136	0.1088	0.0000	1,203.8323

2022	1.6696	0.0157	0.0361	9.0000e-005	6.8700e-003	8.6000e-004	7.7400e-003	1.8300e-003	8.6000e-004	2.6900e-003	0.0000	8.1517	8.1517	2.8000e-004	0.0000	8.1588
Maximum	**1.6696**	**4.5565**	**3.8785**	**0.0131**	**0.5554**	**0.1456**	**0.6890**	**0.1945**	**0.1358**	**0.3303**	**0.0000**	**1,201.1136**	**1,201.1136**	**0.1088**	**0.0000**	**1,203.8323**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4072	4.0379	3.0056	8.6900e-003	0.5434	0.1456	0.6890	0.1945	0.1358	0.3303	0.0000	791.4346	791.4346	0.1024	0.0000	793.9953
2021	0.4883	4.5565	3.8785	0.0131	0.5554	0.1298	0.6852	0.1510	0.1220	0.2729	0.0000	1,201.1133	1,201.1133	0.1088	0.0000	1,203.8320
2022	1.6696	0.0157	0.0361	9.0000e-005	6.8700e-003	8.6000e-004	7.7400e-003	1.8300e-003	8.6000e-004	2.6900e-003	0.0000	8.1517	8.1517	2.8000e-004	0.0000	8.1588
Maximum	**1.6696**	**4.5565**	**3.8785**	**0.0131**	**0.5554**	**0.1456**	**0.6890**	**0.1945**	**0.1358**	**0.3303**	**0.0000**	**1,201.1133**	**1,201.1133**	**0.1088**	**0.0000**	**1,203.8320**

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**4-6-2020**	**7-5-2020**	1.5628	1.5628
2	**7-6-2020**	**10-5-2020**	1.4619	1.4619
3	**10-6-2020**	**1-5-2021**	1.4718	1.4718
4	**1-6-2021**	**4-5-2021**	1.3091	1.3091
5	**4-6-2021**	**7-5-2021**	1.3094	1.3094
6	**7-6-2021**	**10-5-2021**	1.3246	1.3246
7	**10-6-2021**	**1-5-2022**	1.3200	1.3200
8	**1-6-2022**	**4-5-2022**	1.3848	1.3848
		Highest	1.5628	1.5628

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6770	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003
Energy	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	916.6158	916.6158	0.0710	0.0182	923.8185
Mobile	2.5389	6.6279	31.8894	0.1025	9.8431	0.0885	9.9316	2.6389	0.0825	2.7214	0.0000	9,317.0490	9,317.0490	0.2829	0.0000	9,324.1211
Waste						0.0000	0.0000		0.0000	0.0000	158.1300	0.0000	158.1300	9.3452	0.0000	391.7603
Water						0.0000	0.0000		0.0000	0.0000	3.3298	8.0504	11.3802	0.3428	8.2400e-003	22.4057
Total	**3.2407**	**6.8531**	**32.0824**	**0.1039**	**9.8431**	**0.1056**	**9.9487**	**2.6389**	**0.0997**	**2.7385**	**161.4598**	**10,241.7227**	**10,403.1825**	**10.0419**	**0.0265**	**10,662.1135**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5403	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003
Energy	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	916.6158	916.6158	0.0710	0.0182	923.8185
Mobile	2.5389	6.6279	31.8894	0.1025	9.8431	0.0885	9.9316	2.6389	0.0825	2.7214	0.0000	9,317.0490	9,317.0490	0.2829	0.0000	9,324.1211
Waste						0.0000	0.0000		0.0000	0.0000	158.1300	0.0000	158.1300	9.3452	0.0000	391.7603
Water						0.0000	0.0000		0.0000	0.0000	3.3298	8.0504	11.3802	0.3428	8.2400e-003	22.4057

Total	3.1040	6.8531	32.0824	0.1039	9.8431	0.1056	9.9487	2.6389	0.0997	2.7385	161.4598	10,241.7227	10,403.1825	10.0419	0.0265	10,662.1135

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	4.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/6/2020	5/1/2020	5	20	
2	Site Preparation	Site Preparation	5/2/2020	5/15/2020	5	10	
3	Grading	Grading	5/16/2020	7/3/2020	5	35	
4	Building Construction	Building Construction	7/4/2020	12/3/2021	5	370	
5	Paving	Paving	12/4/2021	12/31/2021	5	20	
6	Architectural Coating	Architectural Coating	1/1/2022	1/28/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.5

Acres of Paving: 18.08

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 431,735; Non-Residential Outdoor: 143,912; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38

Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	436.00	176.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	87.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0331	0.3320	0.2175	3.9000e-004		0.0166	0.0166		0.0154	0.0154	0.0000	33.9986	33.9986	9.6000e-003	0.0000	34.2386
Total	**0.0331**	**0.3320**	**0.2175**	**3.9000e-004**		**0.0166**	**0.0166**		**0.0154**	**0.0154**	**0.0000**	**33.9986**	**33.9986**	**9.6000e-003**	**0.0000**	**34.2386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391
Total	**5.0000e-004**	**3.6000e-004**	**3.6800e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.1900e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0384**	**1.0384**	**3.0000e-005**	**0.0000**	**1.0391**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0331	0.3320	0.2175	3.9000e-004		0.0166	0.0166		0.0154	0.0154	0.0000	33.9986	33.9986	9.6000e-003	0.0000	34.2385

Total	**0.0331**	**0.3320**	**0.2175**	**3.9000e-004**		**0.0166**	**0.0166**		**0.0154**	**0.0154**	**0.0000**	**33.9986**	**33.9986**	**9.6000e-003**	**0.0000**	**34.2385**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391
Total	**5.0000e-004**	**3.6000e-004**	**3.6800e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.1900e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0384**	**1.0384**	**3.0000e-005**	**0.0000**	**1.0391**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2121	0.1076	1.9000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505
Total	**0.0204**	**0.2121**	**0.1076**	**1.9000e-004**	**0.0903**	**0.0110**	**0.1013**	**0.0497**	**0.0101**	**0.0598**	**0.0000**	**16.7153**	**16.7153**	**5.4100e-003**	**0.0000**	**16.8505**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	2.1000e-004	2.2100e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6231	0.6231	2.0000e-005	0.0000	0.6234
Total	**3.0000e-004**	**2.1000e-004**	**2.2100e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.6231**	**0.6231**	**2.0000e-005**	**0.0000**	**0.6234**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2121	0.1076	1.9000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505
Total	**0.0204**	**0.2121**	**0.1076**	**1.9000e-004**	**0.0903**	**0.0110**	**0.1013**	**0.0497**	**0.0101**	**0.0598**	**0.0000**	**16.7153**	**16.7153**	**5.4100e-003**	**0.0000**	**16.8505**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	2.1000e-004	2.2100e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6231	0.6231	2.0000e-005	0.0000	0.6234
Total	**3.0000e-004**	**2.1000e-004**	**2.2100e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.6231**	**0.6231**	**2.0000e-005**	**0.0000**	**0.6234**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0779	0.8785	0.5593	1.0900e-003		0.0380	0.0380		0.0350	0.0350	0.0000	95.3475	95.3475	0.0308	0.0000	96.1185
Total	**0.0779**	**0.8785**	**0.5593**	**1.0900e-003**	**0.1518**	**0.0380**	**0.1898**	**0.0629**	**0.0350**	**0.0979**	**0.0000**	**95.3475**	**95.3475**	**0.0308**	**0.0000**	**96.1185**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	8.3000e-004	8.6000e-003	3.0000e-005	2.7700e-003	2.0000e-005	2.7800e-003	7.4000e-004	2.0000e-005	7.5000e-004	0.0000	2.4230	2.4230	6.0000e-005	0.0000	2.4245
Total	**1.1600e-003**	**8.3000e-004**	**8.6000e-003**	**3.0000e-005**	**2.7700e-003**	**2.0000e-005**	**2.7800e-003**	**7.4000e-004**	**2.0000e-005**	**7.5000e-004**	**0.0000**	**2.4230**	**2.4230**	**6.0000e-005**	**0.0000**	**2.4245**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0779	0.8785	0.5593	1.0900e-003		0.0380	0.0380		0.0350	0.0350	0.0000	95.3474	95.3474	0.0308	0.0000	96.1183
Total	**0.0779**	**0.8785**	**0.5593**	**1.0900e-003**	**0.1518**	**0.0380**	**0.1898**	**0.0629**	**0.0350**	**0.0979**	**0.0000**	**95.3474**	**95.3474**	**0.0308**	**0.0000**	**96.1183**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	8.3000e-004	8.6000e-003	3.0000e-005	2.7700e-003	2.0000e-005	2.7800e-003	7.4000e-004	2.0000e-005	7.5000e-004	0.0000	2.4230	2.4230	6.0000e-005	0.0000	2.4245
Total	**1.1600e-003**	**8.3000e-004**	**8.6000e-003**	**3.0000e-005**	**2.7700e-003**	**2.0000e-005**	**2.7800e-003**	**7.4000e-004**	**2.0000e-005**	**7.5000e-004**	**0.0000**	**2.4230**	**2.4230**	**6.0000e-005**	**0.0000**	**2.4245**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1367	1.2375	1.0867	1.7400e-003		0.0721	0.0721		0.0678	0.0678	0.0000	149.3884	149.3884	0.0365	0.0000	150.2996
Total	**0.1367**	**1.2375**	**1.0867**	**1.7400e-003**		**0.0721**	**0.0721**		**0.0678**	**0.0678**	**0.0000**	**149.3884**	**149.3884**	**0.0365**	**0.0000**	**150.2996**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0439	1.3098	0.3293	3.0900e-003	0.0744	6.3900e-003	0.0808	0.0215	6.1100e-003	0.0276	0.0000	297.2174	297.2174	0.0153	0.0000	297.6007
Worker	0.0932	0.0667	0.6907	2.1500e-003	0.2222	1.5000e-003	0.2237	0.0591	1.3800e-003	0.0605	0.0000	194.6832	194.6832	4.7100e-003	0.0000	194.8010
Total	**0.1371**	**1.3765**	**1.0200**	**5.2400e-003**	**0.2967**	**7.8900e-003**	**0.3045**	**0.0807**	**7.4900e-003**	**0.0881**	**0.0000**	**491.9006**	**491.9006**	**0.0200**	**0.0000**	**492.4016**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1367	1.2375	1.0867	1.7400e-003		0.0721	0.0721		0.0678	0.0678	0.0000	149.3883	149.3883	0.0365	0.0000	150.2994

Total	**0.1367**	**1.2375**	**1.0867**	**1.7400e-003**		**0.0721**	**0.0721**		**0.0678**	**0.0678**	**0.0000**	**149.3883**	**149.3883**	**0.0365**	**0.0000**	**150.2994**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0439	1.3098	0.3293	3.0900e-003	0.0744	6.3900e-003	0.0808	0.0215	6.1100e-003	0.0276	0.0000	297.2174	297.2174	0.0153	0.0000	297.6007
Worker	0.0932	0.0667	0.6907	2.1500e-003	0.2222	1.5000e-003	0.2237	0.0591	1.3800e-003	0.0605	0.0000	194.6832	194.6832	4.7100e-003	0.0000	194.8010
Total	**0.1371**	**1.3765**	**1.0200**	**5.2400e-003**	**0.2967**	**7.8900e-003**	**0.3045**	**0.0807**	**7.4900e-003**	**0.0881**	**0.0000**	**491.9006**	**491.9006**	**0.0200**	**0.0000**	**492.4016**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2291	2.1006	1.9973	3.2400e-003		0.1155	0.1155		0.1086	0.1086	0.0000	279.1229	279.1229	0.0673	0.0000	280.8064
Total	**0.2291**	**2.1006**	**1.9973**	**3.2400e-003**		**0.1155**	**0.1155**		**0.1086**	**0.1086**	**0.0000**	**279.1229**	**279.1229**	**0.0673**	**0.0000**	**280.8064**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0673	2.2152	0.5529	5.7200e-003	0.1391	4.8200e-003	0.1439	0.0402	4.6100e-003	0.0448	0.0000	550.0167	550.0167	0.0270	0.0000	550.6926
Worker	0.1612	0.1112	1.1784	3.8800e-003	0.4151	2.7200e-003	0.4179	0.1104	2.5000e-003	0.1129	0.0000	350.9486	350.9486	7.8700e-003	0.0000	351.1453
Total	**0.2286**	**2.3264**	**1.7313**	**9.6000e-003**	**0.5542**	**7.5400e-003**	**0.5618**	**0.1507**	**7.1100e-003**	**0.1578**	**0.0000**	**900.9653**	**900.9653**	**0.0349**	**0.0000**	**901.8380**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2291	2.1006	1.9973	3.2400e-003		0.1155	0.1155		0.1086	0.1086	0.0000	279.1226	279.1226	0.0673	0.0000	280.8061
Total	**0.2291**	**2.1006**	**1.9973**	**3.2400e-003**		**0.1155**	**0.1155**		**0.1086**	**0.1086**	**0.0000**	**279.1226**	**279.1226**	**0.0673**	**0.0000**	**280.8061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	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	0.0000
Vendor	0.0673	2.2152	0.5529	5.7200e-003	0.1391	4.8200e-003	0.1439	0.0402	4.6100e-003	0.0448	0.0000	550.0167	550.0167	0.0270	0.0000	550.6926
Worker	0.1612	0.1112	1.1784	3.8800e-003	0.4151	2.7200e-003	0.4179	0.1104	2.5000e-003	0.1129	0.0000	350.9486	350.9486	7.8700e-003	0.0000	351.1453
Total	**0.2286**	**2.3264**	**1.7313**	**9.6000e-003**	**0.5542**	**7.5400e-003**	**0.5618**	**0.1507**	**7.1100e-003**	**0.1578**	**0.0000**	**900.9653**	**900.9653**	**0.0349**	**0.0000**	**901.8380**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0126	0.1292	0.1465	2.3000e-004		6.7800e-003	6.7800e-003		6.2400e-003	6.2400e-003	0.0000	20.0235	20.0235	6.4800e-003	0.0000	20.1854
Paving	0.0176					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0302**	**0.1292**	**0.1465**	**2.3000e-004**		**6.7800e-003**	**6.7800e-003**		**6.2400e-003**	**6.2400e-003**	**0.0000**	**20.0235**	**20.0235**	**6.4800e-003**	**0.0000**	**20.1854**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
Total	**4.6000e-004**	**3.2000e-004**	**3.3600e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.1900e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0020**	**1.0020**	**2.0000e-005**	**0.0000**	**1.0026**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0126	0.1292	0.1465	2.3000e-004		6.7800e-003	6.7800e-003		6.2400e-003	6.2400e-003	0.0000	20.0235	20.0235	6.4800e-003	0.0000	20.1854
Paving	0.0176					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0302**	**0.1292**	**0.1465**	**2.3000e-004**		**6.7800e-003**	**6.7800e-003**		**6.2400e-003**	**6.2400e-003**	**0.0000**	**20.0235**	**20.0235**	**6.4800e-003**	**0.0000**	**20.1854**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
Total	**4.6000e-004**	**3.2000e-004**	**3.3600e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.1900e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0020**	**1.0020**	**2.0000e-005**	**0.0000**	**1.0026**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6651					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	**1.6671**	**0.0141**	**0.0181**	**3.0000e-005**		**8.2000e-004**	**8.2000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.7000e-004**	**0.0000**	**2.5574**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4900e-003	1.6500e-003	0.0179	6.0000e-005	6.8700e-003	4.0000e-005	6.9200e-003	1.8300e-003	4.0000e-005	1.8700e-003	0.0000	5.5985	5.5985	1.2000e-004	0.0000	5.6014
Total	**2.4900e-003**	**1.6500e-003**	**0.0179**	**6.0000e-005**	**6.8700e-003**	**4.0000e-005**	**6.9200e-003**	**1.8300e-003**	**4.0000e-005**	**1.8700e-003**	**0.0000**	**5.5985**	**5.5985**	**1.2000e-004**	**0.0000**	**5.6014**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6651					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	**1.6671**	**0.0141**	**0.0181**	**3.0000e-005**		**8.2000e-004**	**8.2000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.7000e-004**	**0.0000**	**2.5574**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4900e-003	1.6500e-003	0.0179	6.0000e-005	6.8700e-003	4.0000e-005	6.9200e-003	1.8300e-003	4.0000e-005	1.8700e-003	0.0000	5.5985	5.5985	1.2000e-004	0.0000	5.6014
Total	**2.4900e-003**	**1.6500e-003**	**0.0179**	**6.0000e-005**	**6.8700e-003**	**4.0000e-005**	**6.9200e-003**	**1.8300e-003**	**4.0000e-005**	**1.8700e-003**	**0.0000**	**5.5985**	**5.5985**	**1.2000e-004**	**0.0000**	**5.6014**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.5389	6.6279	31.8894	0.1025	9.8431	0.0885	9.9316	2.6389	0.0825	2.7214	0.0000	9,317.0490	9,317.0490	0.2829	0.0000	9,324.1211
Unmitigated	2.5389	6.6279	31.8894	0.1025	9.8431	0.0885	9.9316	2.6389	0.0825	2.7214	0.0000	9,317.0490	9,317.0490	0.2829	0.0000	9,324.1211

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	6,960.44	8,850.40	8850.40	20,933,198	20,933,198
Gasoline/Service Station	0.00	0.00	0.00		
Hotel	1,845.69	1,845.69	1845.69	5,191,105	5,191,105
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	149.10	174.45	174.45	436,217	436,217
Total	8,955.23	10,870.54	10,870.54	26,560,520	26,560,520

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	9.50	7.30	7.30	16.70	64.30	19.00	100	0	0
Gasoline/Service Station	9.50	7.30	7.30	2.00	79.00	19.00	100	0	0
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	100	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Gasoline/Service Station	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Hotel	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Other Non-Asphalt Surfaces	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Parking Lot	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Strip Mall	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	671.4701	671.4701	0.0663	0.0137	677.2160
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	671.4701	671.4701	0.0663	0.0137	677.2160
NaturalGas Mitigated	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	245.1457	245.1457	4.7000e-003	4.4900e-003	246.6025
NaturalGas Unmitigated	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	245.1457	245.1457	4.7000e-003	4.4900e-003	246.6025

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	245680	1.3200e-003	0.0120	0.0101	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.1104	13.1104	2.5000e-004	2.4000e-004	13.1883
Gasoline/Service Station	57797	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0843	3.0843	6.0000e-005	6.0000e-005	3.1026
Hotel	4.28208e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5081	228.5081	4.3800e-003	4.1900e-003	229.8660

Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	8300	4.0000e-005	4.1000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4429	0.4429	1.0000e-005	1.0000e-005	0.4456
Total		**0.0248**	**0.2252**	**0.1892**	**1.3500e-003**		**0.0171**	**0.0171**		**0.0171**	**0.0171**	**0.0000**	**245.1457**	**245.1457**	**4.7000e-003**	**4.5000e-003**	**246.6025**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	245680	1.3200e-003	0.0120	0.0101	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.1104	13.1104	2.5000e-004	2.4000e-004	13.1883
Gasoline/Service Station	57797	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0843	3.0843	6.0000e-005	6.0000e-005	3.1026
Hotel	4.28208e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5081	228.5081	4.3800e-003	4.1900e-003	229.8660
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	8300	4.0000e-005	4.1000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4429	0.4429	1.0000e-005	1.0000e-005	0.4456
Total		**0.0248**	**0.2252**	**0.1892**	**1.3500e-003**		**0.0171**	**0.0171**		**0.0171**	**0.0171**	**0.0000**	**245.1457**	**245.1457**	**4.7000e-003**	**4.5000e-003**	**246.6025**

5.3 Energy by Land Use - Electricity

Unmitigated

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

Discount Club	4.00044e+006	532.8845	0.0526	0.0109	537.4445
Gasoline/Service Station	19482.2	2.5952	2.6000e-004	5.0000e-005	2.6174
Hotel	832920	110.9503	0.0110	2.2700e-003	111.8998
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112167	14.9414	1.4800e-003	3.1000e-004	15.0692
Parking Lot	34412.4	4.5840	4.5000e-004	9.0000e-005	4.6232
Strip Mall	41400	5.5148	5.4000e-004	1.1000e-004	5.5619
Total		**671.4701**	**0.0663**	**0.0137**	**677.2160**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	4.00044e+006	532.8845	0.0526	0.0109	537.4445
Gasoline/Service Station	19482.2	2.5952	2.6000e-004	5.0000e-005	2.6174
Hotel	832920	110.9503	0.0110	2.2700e-003	111.8998
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112167	14.9414	1.4800e-003	3.1000e-004	15.0692
Parking Lot	34412.4	4.5840	4.5000e-004	9.0000e-005	4.6232
Strip Mall	41400	5.5148	5.4000e-004	1.1000e-004	5.5619
Total		**671.4701**	**0.0663**	**0.0137**	**677.2160**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5403	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003
Unmitigated	0.6770	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5148					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.6000e-004	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003

Total	**0.6770**	**4.0000e-005**	**3.8900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**7.5400e-003**	**7.5400e-003**	**2.0000e-005**	**0.0000**	**8.0400e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0252					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5148					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.6000e-004	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003
Total	**0.5403**	**4.0000e-005**	**3.8900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**7.5400e-003**	**7.5400e-003**	**2.0000e-005**	**0.0000**	**8.0400e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	11.3802	0.3428	8.2400e-003	22.4057
Unmitigated	11.3802	0.3428	8.2400e-003	22.4057

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	4 / 0	4.1521	0.1306	3.1400e-003	8.3524
Gasoline/Service Station	0.265638 / 0.16281	0.3517	8.6800e-003	2.1000e-004	0.6312
Hotel	5.85972 / 0.65108	6.3861	0.1914	4.6000e-003	12.5419
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.370363 / 0.226996	0.4903	0.0121	2.9000e-004	0.8801
Total		**11.3802**	**0.3428**	**8.2400e-003**	**22.4057**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	4 / 0	4.1521	0.1306	3.1400e-003	8.3524
Gasoline/Service Station	0.265638 / 0.16281	0.3517	8.6800e-003	2.1000e-004	0.6312
Hotel	5.85972 / 0.65108	6.3861	0.1914	4.6000e-003	12.5419
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000

Strip Mall	0.370363 / 0.226996	0.4903	0.0121	2.9000e-004	0.8801
Total		**11.3802**	**0.3428**	**8.2400e-003**	**22.4057**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	158.1300	9.3452	0.0000	391.7603
Unmitigated	158.1300	9.3452	0.0000	391.7603

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020

Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	5.25	1.0657	0.0630	0.0000	2.6402
Total		**158.1300**	**9.3452**	**0.0000**	**391.7603**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	5.25	1.0657	0.0630	0.0000	2.6402
Total		**158.1300**	**9.3452**	**0.0000**	**391.7603**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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CalEEMod Output – Phase 1 (2031)

Johnson Drive- Phase 1 Operations-2030 - Bay Area AQMD Air District, Annual

Johnson Drive- Phase 1 Operations-2030

Bay Area AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	3.40	Acre	3.40	148,104.00	0
Other Non-Asphalt Surfaces	1.22	Acre	1.22	53,143.20	0
Parking Lot	10.30	Acre	10.30	448,668.00	0
Parking Lot	3.16	Acre	3.16	137,649.60	0
Hotel	231.00	Room	0.77	132,000.00	0
Discount Club	148.00	1000sqft	3.40	148,000.00	0
Gasoline/Service Station	20.00	Pump	0.06	2,823.50	0
Strip Mall	5.00	1000sqft	0.11	5,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	64
Climate Zone	4			**Operational Year**	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	276.0374172	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 emission factor modified to reflect PG&E's 2030 RPS

Land Use - Project Specific Information

Consumer Products - Consumer product emissions only associated with hotel land use

Area Coating - Coating only applied to parking lot asphalt surfaces

Energy Use - CalEEmod default 2016 T24 energy rates adjusted to represent 2019 T24 energy rates.

Fleet Mix - Light duty vehicle categories consistent with HRA

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	47,254.00	34,006.42
tblAreaCoating	Area_Parking	47254	34006.4208
tblConsumerProducts	ROG_EF	2.14E-05	9.81434802926099E-06
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	5.25	11.98
tblEnergyUse	LightingElect	3.08	2.16
tblEnergyUse	LightingElect	2.35	1.65
tblEnergyUse	LightingElect	0.35	0.25
tblEnergyUse	LightingElect	5.25	3.67
tblEnergyUse	NT24E	2.68	8.75
tblEnergyUse	T24E	2.76	6.30
tblEnergyUse	T24E	1.48	1.04
tblEnergyUse	T24E	2.05	1.44
tblEnergyUse	T24E	2.76	1.93
tblEnergyUse	T24NG	2.37	1.66
tblEnergyUse	T24NG	19.71	13.80
tblEnergyUse	T24NG	39.56	27.69
tblEnergyUse	T24NG	2.37	1.66
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00

tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	5.2740e-003	5.4306e-003
tblFleetMix	LHD2	5.2740e-003	5.4306e-003
tblFleetMix	LHD2	5.2740e-003	5.4306e-003
tblFleetMix	LHD2	5.2740e-003	5.4306e-003
tblFleetMix	LHD2	5.2740e-003	5.4306e-003
tblFleetMix	LHD2	5.2740e-003	5.4306e-003

tblFleetMix	MCY	5.6260e-003	5.7734e-003
tblFleetMix	MCY	5.6260e-003	5.7734e-003
tblFleetMix	MCY	5.6260e-003	5.7734e-003
tblFleetMix	MCY	5.6260e-003	5.7734e-003
tblFleetMix	MCY	5.6260e-003	5.7734e-003
tblFleetMix	MCY	5.6260e-003	5.7734e-003
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MH	6.7600e-004	6.9182e-004
tblFleetMix	MH	6.7600e-004	6.9182e-004
tblFleetMix	MH	6.7600e-004	6.9182e-004
tblFleetMix	MH	6.7600e-004	6.9182e-004
tblFleetMix	MH	6.7600e-004	6.9182e-004
tblFleetMix	MH	6.7600e-004	6.9182e-004
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	OBUS	2.6990e-003	2.7879e-003
tblFleetMix	OBUS	2.6990e-003	2.7879e-003
tblFleetMix	OBUS	2.6990e-003	2.7879e-003
tblFleetMix	OBUS	2.6990e-003	2.7879e-003
tblFleetMix	OBUS	2.6990e-003	2.7879e-003
tblFleetMix	OBUS	2.6990e-003	2.7879e-003

tblFleetMix	SBUS	9.2100e-004	9.5126e-004
tblFleetMix	SBUS	9.2100e-004	9.5126e-004
tblFleetMix	SBUS	9.2100e-004	9.5126e-004
tblFleetMix	SBUS	9.2100e-004	9.5126e-004
tblFleetMix	SBUS	9.2100e-004	9.5126e-004
tblFleetMix	SBUS	9.2100e-004	9.5126e-004
tblFleetMix	UBUS	1.7890e-003	1.8130e-003
tblFleetMix	UBUS	1.7890e-003	1.8130e-003
tblFleetMix	UBUS	1.7890e-003	1.8130e-003
tblFleetMix	UBUS	1.7890e-003	1.8130e-003
tblFleetMix	UBUS	1.7890e-003	1.8130e-003
tblFleetMix	UBUS	1.7890e-003	1.8130e-003
tblLandUse	LandUseSquareFeet	335,412.00	132,000.00
tblLandUse	LotAcreage	7.70	0.77
tblProjectCharacteristics	CO2IntensityFactor	641.35	276.037417244559
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	27.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	59.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	14.00	100.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	53.75	59.80

tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	ST_TR	8.19	7.99
tblVehicleTrips	ST_TR	42.04	34.89
tblVehicleTrips	SU_TR	33.67	59.80
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	SU_TR	5.95	7.99
tblVehicleTrips	SU_TR	20.43	34.89
tblVehicleTrips	WD_TR	41.80	47.03
tblVehicleTrips	WD_TR	168.56	0.00
tblVehicleTrips	WD_TR	8.17	7.99
tblVehicleTrips	WD_TR	44.32	29.82
tblWater	IndoorWaterUseRate	10,962,733.18	4,000,000.00
tblWater	OutdoorWaterUseRate	6,719,094.53	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4072	4.0379	3.0056	8.6900e-003	0.5434	0.1456	0.6890	0.1945	0.1358	0.3303	0.0000	791.4349	791.4349	0.1024	0.0000	793.9956
2021	0.4883	4.5565	3.8785	0.0131	0.5554	0.1298	0.6852	0.1510	0.1220	0.2729	0.0000	1,201.1136	1,201.1136	0.1088	0.0000	1,203.8323
2022	1.6236	0.0157	0.0361	9.0000e-005	6.8700e-003	8.6000e-004	7.7400e-003	1.8300e-003	8.6000e-004	2.6900e-003	0.0000	8.1517	8.1517	2.8000e-004	0.0000	8.1588
Maximum	**1.6236**	**4.5565**	**3.8785**	**0.0131**	**0.5554**	**0.1456**	**0.6890**	**0.1945**	**0.1358**	**0.3303**	**0.0000**	**1,201.1136**	**1,201.1136**	**0.1088**	**0.0000**	**1,203.8323**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4072	4.0379	3.0056	8.6900e-003	0.5434	0.1456	0.6890	0.1945	0.1358	0.3303	0.0000	791.4346	791.4346	0.1024	0.0000	793.9953
2021	0.4883	4.5565	3.8785	0.0131	0.5554	0.1298	0.6852	0.1510	0.1220	0.2729	0.0000	1,201.1133	1,201.1133	0.1088	0.0000	1,203.8320
2022	1.6236	0.0157	0.0361	9.0000e-005	6.8700e-003	8.6000e-004	7.7400e-003	1.8300e-003	8.6000e-004	2.6900e-003	0.0000	8.1517	8.1517	2.8000e-004	0.0000	8.1588
Maximum	**1.6236**	**4.5565**	**3.8785**	**0.0131**	**0.5554**	**0.1456**	**0.6890**	**0.1945**	**0.1358**	**0.3303**	**0.0000**	**1,201.1133**	**1,201.1133**	**0.1088**	**0.0000**	**1,203.8320**

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-6-2020	7-5-2020	1.5628	1.5628
2	7-6-2020	10-5-2020	1.4619	1.4619
3	10-6-2020	1-5-2021	1.4718	1.4718
4	1-6-2021	4-5-2021	1.3091	1.3091
5	4-6-2021	7-5-2021	1.3094	1.3094
6	7-6-2021	10-5-2021	1.3246	1.3246
7	10-6-2021	1-5-2022	1.3118	1.3118
8	1-6-2022	4-5-2022	1.3469	1.3469
		Highest	1.5628	1.5628

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6778	3.0000e-005	3.8600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0300e-003
Energy	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	876.2442	876.2442	0.0710	0.0182	883.4464
Mobile	1.5663	3.8168	18.7881	0.0776	9.8386	0.0560	9.8946	2.6369	0.0520	2.6890	0.0000	7,073.4964	7,073.4964	0.1762	0.0000	7,077.9017
Waste						0.0000	0.0000		0.0000	0.0000	158.1300	0.0000	158.1300	9.3452	0.0000	391.7603
Water						0.0000	0.0000		0.0000	0.0000	3.3298	7.5670	10.8968	0.3428	8.2400e-003	21.9223
Total	**2.2688**	**4.0420**	**18.9811**	**0.0789**	**9.8386**	**0.0732**	**9.9118**	**2.6369**	**0.0692**	**2.7061**	**161.4598**	**7,957.3152**	**8,118.7750**	**9.9352**	**0.0265**	**8,375.0387**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6778	3.0000e-005	3.8600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0300e-003
Energy	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	876.2442	876.2442	0.0710	0.0182	883.4464
Mobile	1.5663	3.8168	18.7881	0.0776	9.8386	0.0560	9.8946	2.6369	0.0520	2.6890	0.0000	7,073.4964	7,073.4964	0.1762	0.0000	7,077.9017
Waste						0.0000	0.0000		0.0000	0.0000	158.1300	0.0000	158.1300	9.3452	0.0000	391.7603
Water						0.0000	0.0000		0.0000	0.0000	3.3298	7.5670	10.8968	0.3428	8.2400e-003	21.9223
Total	**2.2688**	**4.0420**	**18.9811**	**0.0789**	**9.8386**	**0.0732**	**9.9118**	**2.6369**	**0.0692**	**2.7061**	**161.4598**	**7,957.3152**	**8,118.7750**	**9.9352**	**0.0265**	**8,375.0387**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/6/2020	5/1/2020	5	20	
2	Site Preparation	Site Preparation	5/2/2020	5/15/2020	5	10	
3	Grading	Grading	5/16/2020	7/3/2020	5	35	
4	Building Construction	Building Construction	7/4/2020	12/3/2021	5	370	
5	Paving	Paving	12/4/2021	12/31/2021	5	20	
6	Architectural Coating	Architectural Coating	1/1/2022	1/28/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.5

Acres of Paving: 18.08

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 431,735; Non-Residential Outdoor: 143,912; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29

Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	436.00	176.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	87.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0331	0.3320	0.2175	3.9000e-004		0.0166	0.0166		0.0154	0.0154	0.0000	33.9986	33.9986	9.6000e-003	0.0000	34.2386

Total	**0.0331**	**0.3320**	**0.2175**	**3.9000e-004**		**0.0166**	**0.0166**		**0.0154**	**0.0154**	**0.0000**	**33.9986**	**33.9986**	**9.6000e-003**	**0.0000**	**34.2386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391
Total	**5.0000e-004**	**3.6000e-004**	**3.6800e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.1900e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0384**	**1.0384**	**3.0000e-005**	**0.0000**	**1.0391**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0331	0.3320	0.2175	3.9000e-004		0.0166	0.0166		0.0154	0.0154	0.0000	33.9986	33.9986	9.6000e-003	0.0000	34.2385
Total	**0.0331**	**0.3320**	**0.2175**	**3.9000e-004**		**0.0166**	**0.0166**		**0.0154**	**0.0154**	**0.0000**	**33.9986**	**33.9986**	**9.6000e-003**	**0.0000**	**34.2385**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391
Total	**5.0000e-004**	**3.6000e-004**	**3.6800e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.1900e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0384**	**1.0384**	**3.0000e-005**	**0.0000**	**1.0391**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2121	0.1076	1.9000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505
Total	**0.0204**	**0.2121**	**0.1076**	**1.9000e-004**	**0.0903**	**0.0110**	**0.1013**	**0.0497**	**0.0101**	**0.0598**	**0.0000**	**16.7153**	**16.7153**	**5.4100e-003**	**0.0000**	**16.8505**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	2.1000e-004	2.2100e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6231	0.6231	2.0000e-005	0.0000	0.6234
Total	**3.0000e-004**	**2.1000e-004**	**2.2100e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.6231**	**0.6231**	**2.0000e-005**	**0.0000**	**0.6234**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2121	0.1076	1.9000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505
Total	**0.0204**	**0.2121**	**0.1076**	**1.9000e-004**	**0.0903**	**0.0110**	**0.1013**	**0.0497**	**0.0101**	**0.0598**	**0.0000**	**16.7153**	**16.7153**	**5.4100e-003**	**0.0000**	**16.8505**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	2.1000e-004	2.2100e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6231	0.6231	2.0000e-005	0.0000	0.6234
Total	**3.0000e-004**	**2.1000e-004**	**2.2100e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.6231**	**0.6231**	**2.0000e-005**	**0.0000**	**0.6234**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0779	0.8785	0.5593	1.0900e-003		0.0380	0.0380		0.0350	0.0350	0.0000	95.3475	95.3475	0.0308	0.0000	96.1185
Total	**0.0779**	**0.8785**	**0.5593**	**1.0900e-003**	**0.1518**	**0.0380**	**0.1898**	**0.0629**	**0.0350**	**0.0979**	**0.0000**	**95.3475**	**95.3475**	**0.0308**	**0.0000**	**96.1185**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	8.3000e-004	8.6000e-003	3.0000e-005	2.7700e-003	2.0000e-005	2.7800e-003	7.4000e-004	2.0000e-005	7.5000e-004	0.0000	2.4230	2.4230	6.0000e-005	0.0000	2.4245
Total	**1.1600e-003**	**8.3000e-004**	**8.6000e-003**	**3.0000e-005**	**2.7700e-003**	**2.0000e-005**	**2.7800e-003**	**7.4000e-004**	**2.0000e-005**	**7.5000e-004**	**0.0000**	**2.4230**	**2.4230**	**6.0000e-005**	**0.0000**	**2.4245**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0779	0.8785	0.5593	1.0900e-003		0.0380	0.0380		0.0350	0.0350	0.0000	95.3474	95.3474	0.0308	0.0000	96.1183
Total	**0.0779**	**0.8785**	**0.5593**	**1.0900e-003**	**0.1518**	**0.0380**	**0.1898**	**0.0629**	**0.0350**	**0.0979**	**0.0000**	**95.3474**	**95.3474**	**0.0308**	**0.0000**	**96.1183**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	8.3000e-004	8.6000e-003	3.0000e-005	2.7700e-003	2.0000e-005	2.7800e-003	7.4000e-004	2.0000e-005	7.5000e-004	0.0000	2.4230	2.4230	6.0000e-005	0.0000	2.4245
Total	**1.1600e-003**	**8.3000e-004**	**8.6000e-003**	**3.0000e-005**	**2.7700e-003**	**2.0000e-005**	**2.7800e-003**	**7.4000e-004**	**2.0000e-005**	**7.5000e-004**	**0.0000**	**2.4230**	**2.4230**	**6.0000e-005**	**0.0000**	**2.4245**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1367	1.2375	1.0867	1.7400e-003		0.0721	0.0721		0.0678	0.0678	0.0000	149.3884	149.3884	0.0365	0.0000	150.2996

Total	**0.1367**	**1.2375**	**1.0867**	**1.7400e-003**		**0.0721**	**0.0721**		**0.0678**	**0.0678**	**0.0000**	**149.3884**	**149.3884**	**0.0365**	**0.0000**	**150.2996**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0439	1.3098	0.3293	3.0900e-003	0.0744	6.3900e-003	0.0808	0.0215	6.1100e-003	0.0276	0.0000	297.2174	297.2174	0.0153	0.0000	297.6007
Worker	0.0932	0.0667	0.6907	2.1500e-003	0.2222	1.5000e-003	0.2237	0.0591	1.3800e-003	0.0605	0.0000	194.6832	194.6832	4.7100e-003	0.0000	194.8010
Total	**0.1371**	**1.3765**	**1.0200**	**5.2400e-003**	**0.2967**	**7.8900e-003**	**0.3045**	**0.0807**	**7.4900e-003**	**0.0881**	**0.0000**	**491.9006**	**491.9006**	**0.0200**	**0.0000**	**492.4016**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1367	1.2375	1.0867	1.7400e-003		0.0721	0.0721		0.0678	0.0678	0.0000	149.3883	149.3883	0.0365	0.0000	150.2994
Total	**0.1367**	**1.2375**	**1.0867**	**1.7400e-003**		**0.0721**	**0.0721**		**0.0678**	**0.0678**	**0.0000**	**149.3883**	**149.3883**	**0.0365**	**0.0000**	**150.2994**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0439	1.3098	0.3293	3.0900e-003	0.0744	6.3900e-003	0.0808	0.0215	6.1100e-003	0.0276	0.0000	297.2174	297.2174	0.0153	0.0000	297.6007
Worker	0.0932	0.0667	0.6907	2.1500e-003	0.2222	1.5000e-003	0.2237	0.0591	1.3800e-003	0.0605	0.0000	194.6832	194.6832	4.7100e-003	0.0000	194.8010
Total	**0.1371**	**1.3765**	**1.0200**	**5.2400e-003**	**0.2967**	**7.8900e-003**	**0.3045**	**0.0807**	**7.4900e-003**	**0.0881**	**0.0000**	**491.9006**	**491.9006**	**0.0200**	**0.0000**	**492.4016**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2291	2.1006	1.9973	3.2400e-003		0.1155	0.1155		0.1086	0.1086	0.0000	279.1229	279.1229	0.0673	0.0000	280.8064
Total	**0.2291**	**2.1006**	**1.9973**	**3.2400e-003**		**0.1155**	**0.1155**		**0.1086**	**0.1086**	**0.0000**	**279.1229**	**279.1229**	**0.0673**	**0.0000**	**280.8064**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	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	0.0000
Vendor	0.0673	2.2152	0.5529	5.7200e-003	0.1391	4.8200e-003	0.1439	0.0402	4.6100e-003	0.0448	0.0000	550.0167	550.0167	0.0270	0.0000	550.6926
Worker	0.1612	0.1112	1.1784	3.8800e-003	0.4151	2.7200e-003	0.4179	0.1104	2.5000e-003	0.1129	0.0000	350.9486	350.9486	7.8700e-003	0.0000	351.1453
Total	**0.2286**	**2.3264**	**1.7313**	**9.6000e-003**	**0.5542**	**7.5400e-003**	**0.5618**	**0.1507**	**7.1100e-003**	**0.1578**	**0.0000**	**900.9653**	**900.9653**	**0.0349**	**0.0000**	**901.8380**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2291	2.1006	1.9973	3.2400e-003		0.1155	0.1155		0.1086	0.1086	0.0000	279.1226	279.1226	0.0673	0.0000	280.8061
Total	**0.2291**	**2.1006**	**1.9973**	**3.2400e-003**		**0.1155**	**0.1155**		**0.1086**	**0.1086**	**0.0000**	**279.1226**	**279.1226**	**0.0673**	**0.0000**	**280.8061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0673	2.2152	0.5529	5.7200e-003	0.1391	4.8200e-003	0.1439	0.0402	4.6100e-003	0.0448	0.0000	550.0167	550.0167	0.0270	0.0000	550.6926
Worker	0.1612	0.1112	1.1784	3.8800e-003	0.4151	2.7200e-003	0.4179	0.1104	2.5000e-003	0.1129	0.0000	350.9486	350.9486	7.8700e-003	0.0000	351.1453
Total	**0.2286**	**2.3264**	**1.7313**	**9.6000e-003**	**0.5542**	**7.5400e-003**	**0.5618**	**0.1507**	**7.1100e-003**	**0.1578**	**0.0000**	**900.9653**	**900.9653**	**0.0349**	**0.0000**	**901.8380**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0126	0.1292	0.1465	2.3000e-004		6.7800e-003	6.7800e-003		6.2400e-003	6.2400e-003	0.0000	20.0235	20.0235	6.4800e-003	0.0000	20.1854
Paving	0.0176					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0302**	**0.1292**	**0.1465**	**2.3000e-004**		**6.7800e-003**	**6.7800e-003**		**6.2400e-003**	**6.2400e-003**	**0.0000**	**20.0235**	**20.0235**	**6.4800e-003**	**0.0000**	**20.1854**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
Total	**4.6000e-004**	**3.2000e-004**	**3.3600e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.1900e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0020**	**1.0020**	**2.0000e-005**	**0.0000**	**1.0026**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0126	0.1292	0.1465	2.3000e-004		6.7800e-003	6.7800e-003		6.2400e-003	6.2400e-003	0.0000	20.0235	20.0235	6.4800e-003	0.0000	20.1854
Paving	0.0176					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0302**	**0.1292**	**0.1465**	**2.3000e-004**		**6.7800e-003**	**6.7800e-003**		**6.2400e-003**	**6.2400e-003**	**0.0000**	**20.0235**	**20.0235**	**6.4800e-003**	**0.0000**	**20.1854**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
Total	**4.6000e-004**	**3.2000e-004**	**3.3600e-003**	**1.0000e-005**	**1.1900e-003**	**1.0000e-005**	**1.1900e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**1.0020**	**1.0020**	**2.0000e-005**	**0.0000**	**1.0026**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6190					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	**1.6211**	**0.0141**	**0.0181**	**3.0000e-005**		**8.2000e-004**	**8.2000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.7000e-004**	**0.0000**	**2.5574**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4900e-003	1.6500e-003	0.0179	6.0000e-005	6.8700e-003	4.0000e-005	6.9200e-003	1.8300e-003	4.0000e-005	1.8700e-003	0.0000	5.5985	5.5985	1.2000e-004	0.0000	5.6014
Total	**2.4900e-003**	**1.6500e-003**	**0.0179**	**6.0000e-005**	**6.8700e-003**	**4.0000e-005**	**6.9200e-003**	**1.8300e-003**	**4.0000e-005**	**1.8700e-003**	**0.0000**	**5.5985**	**5.5985**	**1.2000e-004**	**0.0000**	**5.6014**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6190					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	**1.6211**	**0.0141**	**0.0181**	**3.0000e-005**		**8.2000e-004**	**8.2000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.7000e-004**	**0.0000**	**2.5574**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4900e-003	1.6500e-003	0.0179	6.0000e-005	6.8700e-003	4.0000e-005	6.9200e-003	1.8300e-003	4.0000e-005	1.8700e-003	0.0000	5.5985	5.5985	1.2000e-004	0.0000	5.6014
Total	**2.4900e-003**	**1.6500e-003**	**0.0179**	**6.0000e-005**	**6.8700e-003**	**4.0000e-005**	**6.9200e-003**	**1.8300e-003**	**4.0000e-005**	**1.8700e-003**	**0.0000**	**5.5985**	**5.5985**	**1.2000e-004**	**0.0000**	**5.6014**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.5663	3.8168	18.7881	0.0776	9.8386	0.0560	9.8946	2.6369	0.0520	2.6890	0.0000	7,073.4964	7,073.4964	0.1762	0.0000	7,077.9017
Unmitigated	1.5663	3.8168	18.7881	0.0776	9.8386	0.0560	9.8946	2.6369	0.0520	2.6890	0.0000	7,073.4964	7,073.4964	0.1762	0.0000	7,077.9017

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Discount Club	6,960.44	8,850.40	8850.40	20,933,198	20,933,198
Gasoline/Service Station	0.00	0.00	0.00		
Hotel	1,845.69	1,845.69	1845.69	5,191,105	5,191,105
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	149.10	174.45	174.45	436,217	436,217
Total	8,955.23	10,870.54	10,870.54	26,560,520	26,560,520

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	9.50	7.30	7.30	16.70	64.30	19.00	100	0	0
Gasoline/Service Station	9.50	7.30	7.30	2.00	79.00	19.00	100	0	0
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	100	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Gasoline/Service Station	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Hotel	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Other Non-Asphalt Surfaces	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Parking Lot	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Strip Mall	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	631.0985	631.0985	0.0663	0.0137	636.8439
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	631.0985	631.0985	0.0663	0.0137	636.8439
NaturalGas Mitigated	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	245.1457	245.1457	4.7000e-003	4.4900e-003	246.6025
NaturalGas Unmitigated	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	245.1457	245.1457	4.7000e-003	4.4900e-003	246.6025

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	245680	1.3200e-003	0.0120	0.0101	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.1104	13.1104	2.5000e-004	2.4000e-004	13.1883
Gasoline/Service Station	57797	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0843	3.0843	6.0000e-005	6.0000e-005	3.1026
Hotel	4.28208e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5081	228.5081	4.3800e-003	4.1900e-003	229.8660
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	8300	4.0000e-005	4.1000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4429	0.4429	1.0000e-005	1.0000e-005	0.4456
Total		**0.0248**	**0.2252**	**0.1892**	**1.3500e-003**		**0.0171**	**0.0171**		**0.0171**	**0.0171**	**0.0000**	**245.1457**	**245.1457**	**4.7000e-003**	**4.5000e-003**	**246.6025**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	245680	1.3200e-003	0.0120	0.0101	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.1104	13.1104	2.5000e-004	2.4000e-004	13.1883
Gasoline/Service Station	57797	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0843	3.0843	6.0000e-005	6.0000e-005	3.1026
Hotel	4.28208e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5081	228.5081	4.3800e-003	4.1900e-003	229.8660
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	8300	4.0000e-005	4.1000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4429	0.4429	1.0000e-005	1.0000e-005	0.4456
Total		**0.0248**	**0.2252**	**0.1892**	**1.3500e-003**		**0.0171**	**0.0171**		**0.0171**	**0.0171**	**0.0000**	**245.1457**	**245.1457**	**4.7000e-003**	**4.5000e-003**	**246.6025**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	4e+006	500.8339	0.0526	0.0109	505.3934
Gasoline/Service Station	19482.2	2.4393	2.6000e-004	5.0000e-005	2.4615
Hotel	832920	104.2886	0.0110	2.2700e-003	105.2381
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112167	14.0443	1.4800e-003	3.1000e-004	14.1721

Parking Lot	34412.4	4.3087	4.5000e-004	9.0000e-005	4.3480
Strip Mall	41400	5.1836	5.4000e-004	1.1000e-004	5.2308
Total		**631.0985**	**0.0663**	**0.0137**	**636.8439**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	4e+006	500.8339	0.0526	0.0109	505.3934
Gasoline/Service Station	19482.2	2.4393	2.6000e-004	5.0000e-005	2.4615
Hotel	832920	104.2886	0.0110	2.2700e-003	105.2381
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112167	14.0443	1.4800e-003	3.1000e-004	14.1721
Parking Lot	34412.4	4.3087	4.5000e-004	9.0000e-005	4.3480
Strip Mall	41400	5.1836	5.4000e-004	1.1000e-004	5.2308
Total		**631.0985**	**0.0663**	**0.0137**	**636.8439**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6778	3.0000e-005	3.8600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0300e-003
Unmitigated	0.6778	3.0000e-005	3.8600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0300e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5155					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.5000e-004	3.0000e-005	3.8600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0300e-003
Total	**0.6778**	**3.0000e-005**	**3.8600e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**7.5400e-003**	**7.5400e-003**	**2.0000e-005**	**0.0000**	**8.0300e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5155					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Landscaping	3.5000e-004	3.0000e-005	3.8600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0300e-003
Total	**0.6778**	**3.0000e-005**	**3.8600e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**7.5400e-003**	**7.5400e-003**	**2.0000e-005**	**0.0000**	**8.0300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	10.8968	0.3428	8.2400e-003	21.9223
Unmitigated	10.8968	0.3428	8.2400e-003	21.9223

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	4 / 0	3.9790	0.1306	3.1400e-003	8.1793
Gasoline/Service Station	0.265638 / 0.16281	0.3356	8.6800e-003	2.1000e-004	0.6152
Hotel	5.85972 / 0.65108	6.1143	0.1914	4.6000e-003	12.2701
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000

Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.370363 / 0.226996	0.4679	0.0121	2.9000e-004	0.8577
Total		**10.8968**	**0.3428**	**8.2400e-003**	**21.9223**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	4 / 0	3.9790	0.1306	3.1400e-003	8.1793
Gasoline/Service Station	0.265638 / 0.16281	0.3356	8.6800e-003	2.1000e-004	0.6152
Hotel	5.85972 / 0.65108	6.1143	0.1914	4.6000e-003	12.2701
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.370363 / 0.226996	0.4679	0.0121	2.9000e-004	0.8577
Total		**10.8968**	**0.3428**	**8.2400e-003**	**21.9223**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e

	MT/yr			
Mitigated	158.1300	9.3452	0.0000	391.7603
Unmitigated	158.1300	9.3452	0.0000	391.7603

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	5.25	1.0657	0.0630	0.0000	2.6402
Total		**158.1300**	**9.3452**	**0.0000**	**391.7603**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	5.25	1.0657	0.0630	0.0000	2.6402
Total		**158.1300**	**9.3452**	**0.0000**	**391.7603**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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CalEEMod Output – Full-Buildout 1 (2031)

Johnson Drive- Full Buildout Operations - Bay Area AQMD Air District, Annual

Johnson Drive- Full Buildout Operations

Bay Area AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	3.40	Acre	3.40	148,104.00	0
Other Non-Asphalt Surfaces	1.22	Acre	1.22	53,143.20	0
Other Non-Asphalt Surfaces	2.80	Acre	2.80	121,968.00	0
Parking Lot	10.30	Acre	10.30	448,668.00	0
Parking Lot	3.16	Acre	3.16	137,649.60	0
Parking Lot	10.50	Acre	10.50	457,380.00	0
Hotel	231.00	Room	0.77	132,000.00	0
Discount Club	148.00	1000sqft	3.40	148,000.00	0
Gasoline/Service Station	20.00	Pump	0.06	2,823.50	0
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Strip Mall	184.04	1000sqft	4.22	184,037.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	64
Climate Zone	4			**Operational Year**	2031
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	276.04	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 emission factor modified to reflect PG&E's 2030 RPS

Land Use - Project Specific Information

Consumer Products - Consumer product emissions only associated with hotel land use

Area Coating - Coating only applied to parking lot asphalt surfaces

Energy Use - CalEEmod default 2016 T24 energy rates adjusted to represent 2019 T24 energy rates.

Fleet Mix - Light duty vehicle categories consistent with HRA

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	82015	60534
tblConsumerProducts	ROG_EF	2.14E-05	6E-06
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	5.25	11.98
tblEnergyUse	LightingElect	3.08	2.16
tblEnergyUse	LightingElect	2.35	1.65
tblEnergyUse	LightingElect	0.35	0.25
tblEnergyUse	LightingElect	5.25	3.67
tblEnergyUse	NT24E	2.68	8.75
tblEnergyUse	T24E	2.76	6.30
tblEnergyUse	T24E	1.48	1.04
tblEnergyUse	T24E	2.05	1.44
tblEnergyUse	T24E	2.76	1.93
tblEnergyUse	T24NG	2.37	1.66
tblEnergyUse	T24NG	19.71	13.80
tblEnergyUse	T24NG	39.56	27.69
tblEnergyUse	T24NG	2.37	1.66
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00

tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	5.2750e-003	5.4306e-003
tblFleetMix	LHD2	5.2750e-003	5.4306e-003
tblFleetMix	LHD2	5.2750e-003	5.4306e-003
tblFleetMix	LHD2	5.2750e-003	5.4306e-003

tblFleetMix	LHD2	5.2750e-003	5.4306e-003
tblFleetMix	LHD2	5.2750e-003	5.4306e-003
tblFleetMix	MCY	5.6080e-003	5.7734e-003
tblFleetMix	MCY	5.6080e-003	5.7734e-003
tblFleetMix	MCY	5.6080e-003	5.7734e-003
tblFleetMix	MCY	5.6080e-003	5.7734e-003
tblFleetMix	MCY	5.6080e-003	5.7734e-003
tblFleetMix	MCY	5.6080e-003	5.7734e-003
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MH	6.7200e-004	6.9182e-004
tblFleetMix	MH	6.7200e-004	6.9182e-004
tblFleetMix	MH	6.7200e-004	6.9182e-004
tblFleetMix	MH	6.7200e-004	6.9182e-004
tblFleetMix	MH	6.7200e-004	6.9182e-004
tblFleetMix	MH	6.7200e-004	6.9182e-004
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	OBUS	2.7080e-003	2.7879e-003
tblFleetMix	OBUS	2.7080e-003	2.7879e-003
tblFleetMix	OBUS	2.7080e-003	2.7879e-003
tblFleetMix	OBUS	2.7080e-003	2.7879e-003

tblFleetMix	OBUS	2.7080e-003	2.7879e-003
tblFleetMix	OBUS	2.7080e-003	2.7879e-003
tblFleetMix	SBUS	9.2400e-004	9.5126e-004
tblFleetMix	SBUS	9.2400e-004	9.5126e-004
tblFleetMix	SBUS	9.2400e-004	9.5126e-004
tblFleetMix	SBUS	9.2400e-004	9.5126e-004
tblFleetMix	SBUS	9.2400e-004	9.5126e-004
tblFleetMix	SBUS	9.2400e-004	9.5126e-004
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblLandUse	LandUseSquareFeet	335,412.00	132,000.00
tblLandUse	LandUseSquareFeet	184,040.00	184,037.00
tblLandUse	LotAcreage	7.70	0.77
tblProjectCharacteristics	CO2IntensityFactor	641.35	276.04
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	27.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	59.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	14.00	100.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00

tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	53.75	59.80
tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	ST_TR	8.19	7.99
tblVehicleTrips	ST_TR	42.04	34.94
tblVehicleTrips	SU_TR	33.67	59.80
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	SU_TR	5.95	7.99
tblVehicleTrips	SU_TR	20.43	34.94
tblVehicleTrips	WD_TR	41.80	47.03
tblVehicleTrips	WD_TR	168.56	0.00
tblVehicleTrips	WD_TR	8.17	7.99
tblVehicleTrips	WD_TR	44.32	29.85
tblWater	IndoorWaterUseRate	10,962,733.18	4,000,000.00
tblWater	OutdoorWaterUseRate	6,719,094.53	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4272	4.4375	2.9515	7.2000e-003	0.7595	0.1819	0.9413	0.3281	0.1683	0.4964	0.0000	647.5809	647.5809	0.1279	0.0000	650.7780
2021	0.6683	6.5817	5.3472	0.0212	1.0186	0.1390	1.1576	0.2770	0.1307	0.4077	0.0000	1,964.3372	1,964.3372	0.1374	0.0000	1,967.7730
2022	0.6121	6.0829	5.0639	0.0208	1.0147	0.1177	1.1324	0.2759	0.1108	0.3867	0.0000	1,923.4794	1,923.4794	0.1327	0.0000	1,926.7977

2023	1.6956	3.7746	3.7823	0.0148	0.7204	0.0837	0.8040	0.1958	0.0785	0.2742	0.0000	1,368.1127	1,368.1127	0.1040	0.0000	1,370.7135
2024	1.5059	0.0217	0.0661	1.9000e-004	0.0175	1.0200e-003	0.0186	4.6700e-003	1.0100e-003	5.6800e-003	0.0000	17.0248	17.0248	4.6000e-004	0.0000	17.0362
Maximum	**1.6956**	**6.5817**	**5.3472**	**0.0212**	**1.0186**	**0.1819**	**1.1576**	**0.3281**	**0.1683**	**0.4964**	**0.0000**	**1,964.3372**	**1,964.3372**	**0.1374**	**0.0000**	**1,967.7730**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4272	4.4375	2.9515	7.2000e-003	0.7595	0.1819	0.9413	0.3281	0.1683	0.4964	0.0000	647.5805	647.5805	0.1279	0.0000	650.7775
2021	0.6683	6.5817	5.3472	0.0212	1.0186	0.1390	1.1576	0.2770	0.1307	0.4077	0.0000	1,964.3368	1,964.3368	0.1374	0.0000	1,967.7727
2022	0.6121	6.0829	5.0639	0.0208	1.0147	0.1177	1.1324	0.2759	0.1108	0.3867	0.0000	1,923.4790	1,923.4790	0.1327	0.0000	1,926.7973
2023	1.6956	3.7746	3.7823	0.0148	0.7204	0.0837	0.8040	0.1958	0.0785	0.2742	0.0000	1,368.1123	1,368.1123	0.1040	0.0000	1,370.7132
2024	1.5059	0.0217	0.0661	1.9000e-004	0.0175	1.0200e-003	0.0186	4.6700e-003	1.0100e-003	5.6800e-003	0.0000	17.0248	17.0248	4.6000e-004	0.0000	17.0362
Maximum	**1.6956**	**6.5817**	**5.3472**	**0.0212**	**1.0186**	**0.1819**	**1.1576**	**0.3281**	**0.1683**	**0.4964**	**0.0000**	**1,964.3368**	**1,964.3368**	**0.1374**	**0.0000**	**1,967.7727**

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-6-2020	7-5-2020	1.2715	1.2715
2	7-6-2020	10-5-2020	1.7439	1.7439
3	10-6-2020	1-5-2021	1.9403	1.9403
4	1-6-2021	4-5-2021	1.7961	1.7961
5	4-6-2021	7-5-2021	1.7918	1.7918
6	7-6-2021	10-5-2021	1.8129	1.8129

7	**10-6-2021**	**1-5-2022**	1.8301	1.8301
8	**1-6-2022**	**4-5-2022**	1.6647	1.6647
9	**4-6-2022**	**7-5-2022**	1.6616	1.6616
10	**7-6-2022**	**10-5-2022**	1.6811	1.6811
11	**10-6-2022**	**1-5-2023**	1.6874	1.6874
12	**1-6-2023**	**4-5-2023**	1.3851	1.3851
13	**4-6-2023**	**7-5-2023**	1.3836	1.3836
14	**7-6-2023**	**10-5-2023**	1.1082	1.1082
15	**10-6-2023**	**1-5-2024**	1.7526	1.7526
16	**1-6-2024**	**4-5-2024**	1.2738	1.2738
		Highest	1.9403	1.9403

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7843	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Energy	0.0264	0.2402	0.2017	1.4400e-003		0.0183	0.0183		0.0183	0.0183	0.0000	1,097.7227	1,097.7227	0.0929	0.0230	1,106.8896
Mobile	2.4079	5.8836	28.9163	0.1221	15.7927	0.0842	15.8769	4.2327	0.0782	4.3109	0.0000	11,134.4672	11,134.4672	0.2734	0.0000	11,141.3010
Waste						0.0000	0.0000		0.0000	0.0000	197.3559	0.0000	197.3559	11.6634	0.0000	488.9410
Water						0.0000	0.0000		0.0000	0.0000	7.6547	20.4647	28.1194	0.7884	0.0190	53.4931
Total	**3.2186**	**6.1238**	**29.1237**	**0.1235**	**15.7927**	**0.1025**	**15.8952**	**4.2327**	**0.0965**	**4.3291**	**205.0106**	**12,252.6657**	**12,457.6763**	**12.8180**	**0.0420**	**12,790.6365**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7843	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Energy	0.0264	0.2402	0.2017	1.4400e-003		0.0183	0.0183		0.0183	0.0183	0.0000	1,097.7227	1,097.7227	0.0929	0.0230	1,106.8896
Mobile	2.4079	5.8836	28.9163	0.1221	15.7927	0.0842	15.8769	4.2327	0.0782	4.3109	0.0000	11,134.4672	11,134.4672	0.2734	0.0000	11,141.3010
Waste						0.0000	0.0000		0.0000	0.0000	197.3559	0.0000	197.3559	11.6634	0.0000	488.9410
Water						0.0000	0.0000		0.0000	0.0000	7.6547	20.4647	28.1194	0.7884	0.0190	53.4931
Total	**3.2186**	**6.1238**	**29.1237**	**0.1235**	**15.7927**	**0.1025**	**15.8952**	**4.2327**	**0.0965**	**4.3291**	**205.0106**	**12,252.6657**	**12,457.6763**	**12.8180**	**0.0420**	**12,790.6365**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/6/2020	6/12/2020	5	50	
2	Site Preparation	Site Preparation	6/13/2020	7/24/2020	5	30	
3	Grading	Grading	7/25/2020	11/6/2020	5	75	
4	Building Construction	Building Construction	11/7/2020	9/8/2023	5	740	
5	Paving	Paving	9/9/2023	11/24/2023	5	55	
6	Architectural Coating	Architectural Coating	11/25/2023	2/9/2024	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 187.5

Acres of Paving: 31.38

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 707,791; Non-Residential Outdoor: 235,930; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Grading		8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix		HDT_Mix		HHDT		
Building Construction		9	738.00	301.00	0.00	10.80	7.30	20.00	LD_Mix		HDT_Mix		HHDT		
Paving		6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix		HDT_Mix		HHDT		
Architectural Coating		1	148.00	0.00	0.00	10.80	7.30	20.00	LD_Mix		HDT_Mix		HHDT		

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0828	0.8300	0.5438	9.7000e-004		0.0415	0.0415		0.0386	0.0386	0.0000	84.9965	84.9965	0.0240	0.0000	85.5964
Total	**0.0828**	**0.8300**	**0.5438**	**9.7000e-004**		**0.0415**	**0.0415**		**0.0386**	**0.0386**	**0.0000**	**84.9965**	**84.9965**	**0.0240**	**0.0000**	**85.5964**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2400e-003	8.9000e-004	9.2100e-003	3.0000e-005	2.9600e-003	2.0000e-005	2.9800e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.5961	2.5961	6.0000e-005	0.0000	2.5976

Total	**1.2400e-003**	**8.9000e-004**	**9.2100e-003**	**3.0000e-005**	**2.9600e-003**	**2.0000e-005**	**2.9800e-003**	**7.9000e-004**	**2.0000e-005**	**8.1000e-004**	**0.0000**	**2.5961**	**2.5961**	**6.0000e-005**	**0.0000**	**2.5976**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0828	0.8300	0.5438	9.7000e-004		0.0415	0.0415		0.0386	0.0386	0.0000	84.9964	84.9964	0.0240	0.0000	85.5963
Total	**0.0828**	**0.8300**	**0.5438**	**9.7000e-004**		**0.0415**	**0.0415**		**0.0386**	**0.0386**	**0.0000**	**84.9964**	**84.9964**	**0.0240**	**0.0000**	**85.5963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2400e-003	8.9000e-004	9.2100e-003	3.0000e-005	2.9600e-003	2.0000e-005	2.9800e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.5961	2.5961	6.0000e-005	0.0000	2.5976
Total	**1.2400e-003**	**8.9000e-004**	**9.2100e-003**	**3.0000e-005**	**2.9600e-003**	**2.0000e-005**	**2.9800e-003**	**7.9000e-004**	**2.0000e-005**	**8.1000e-004**	**0.0000**	**2.5961**	**2.5961**	**6.0000e-005**	**0.0000**	**2.5976**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2710	0.0000	0.2710	0.1490	0.0000	0.1490	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0612	0.6363	0.3227	5.7000e-004		0.0330	0.0330		0.0303	0.0303	0.0000	50.1460	50.1460	0.0162	0.0000	50.5515
Total	**0.0612**	**0.6363**	**0.3227**	**5.7000e-004**	**0.2710**	**0.0330**	**0.3040**	**0.1490**	**0.0303**	**0.1793**	**0.0000**	**50.1460**	**50.1460**	**0.0162**	**0.0000**	**50.5515**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	6.4000e-004	6.6300e-003	2.0000e-005	2.1300e-003	1.0000e-005	2.1500e-003	5.7000e-004	1.0000e-005	5.8000e-004	0.0000	1.8692	1.8692	5.0000e-005	0.0000	1.8703
Total	**8.9000e-004**	**6.4000e-004**	**6.6300e-003**	**2.0000e-005**	**2.1300e-003**	**1.0000e-005**	**2.1500e-003**	**5.7000e-004**	**1.0000e-005**	**5.8000e-004**	**0.0000**	**1.8692**	**1.8692**	**5.0000e-005**	**0.0000**	**1.8703**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Fugitive Dust					0.2710	0.0000	0.2710	0.1490	0.0000	0.1490	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0612	0.6363	0.3227	5.7000e-004		0.0330	0.0330		0.0303	0.0303	0.0000	50.1460	50.1460	0.0162	0.0000	50.5514
Total	**0.0612**	**0.6363**	**0.3227**	**5.7000e-004**	**0.2710**	**0.0330**	**0.3040**	**0.1490**	**0.0303**	**0.1793**	**0.0000**	**50.1460**	**50.1460**	**0.0162**	**0.0000**	**50.5514**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	6.4000e-004	6.6300e-003	2.0000e-005	2.1300e-003	1.0000e-005	2.1500e-003	5.7000e-004	1.0000e-005	5.8000e-004	0.0000	1.8692	1.8692	5.0000e-005	0.0000	1.8703
Total	**8.9000e-004**	**6.4000e-004**	**6.6300e-003**	**2.0000e-005**	**2.1300e-003**	**1.0000e-005**	**2.1500e-003**	**5.7000e-004**	**1.0000e-005**	**5.8000e-004**	**0.0000**	**1.8692**	**1.8692**	**5.0000e-005**	**0.0000**	**1.8703**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3253	0.0000	0.3253	0.1349	0.0000	0.1349	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1669	1.8824	1.1984	2.3300e-003		0.0815	0.0815		0.0750	0.0750	0.0000	204.3161	204.3161	0.0661	0.0000	205.9681
Total	**0.1669**	**1.8824**	**1.1984**	**2.3300e-003**	**0.3253**	**0.0815**	**0.4068**	**0.1349**	**0.0750**	**0.2099**	**0.0000**	**204.3161**	**204.3161**	**0.0661**	**0.0000**	**205.9681**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4900e-003	1.7800e-003	0.0184	6.0000e-005	5.9300e-003	4.0000e-005	5.9700e-003	1.5800e-003	4.0000e-005	1.6100e-003	0.0000	5.1921	5.1921	1.3000e-004	0.0000	5.1953
Total	**2.4900e-003**	**1.7800e-003**	**0.0184**	**6.0000e-005**	**5.9300e-003**	**4.0000e-005**	**5.9700e-003**	**1.5800e-003**	**4.0000e-005**	**1.6100e-003**	**0.0000**	**5.1921**	**5.1921**	**1.3000e-004**	**0.0000**	**5.1953**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3253	0.0000	0.3253	0.1349	0.0000	0.1349	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1669	1.8824	1.1984	2.3300e-003		0.0815	0.0815		0.0750	0.0750	0.0000	204.3159	204.3159	0.0661	0.0000	205.9679
Total	**0.1669**	**1.8824**	**1.1984**	**2.3300e-003**	**0.3253**	**0.0815**	**0.4068**	**0.1349**	**0.0750**	**0.2099**	**0.0000**	**204.3159**	**204.3159**	**0.0661**	**0.0000**	**205.9679**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4900e-003	1.7800e-003	0.0184	6.0000e-005	5.9300e-003	4.0000e-005	5.9700e-003	1.5800e-003	4.0000e-005	1.6100e-003	0.0000	5.1921	5.1921	1.3000e-004	0.0000	5.1953
Total	**2.4900e-003**	**1.7800e-003**	**0.0184**	**6.0000e-005**	**5.9300e-003**	**4.0000e-005**	**5.9700e-003**	**1.5800e-003**	**4.0000e-005**	**1.6100e-003**	**0.0000**	**5.1921**	**5.1921**	**1.3000e-004**	**0.0000**	**5.1953**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0413	0.3741	0.3286	5.2000e-004		0.0218	0.0218		0.0205	0.0205	0.0000	45.1640	45.1640	0.0110	0.0000	45.4394
Total	**0.0413**	**0.3741**	**0.3286**	**5.2000e-004**		**0.0218**	**0.0218**		**0.0205**	**0.0205**	**0.0000**	**45.1640**	**45.1640**	**0.0110**	**0.0000**	**45.4394**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0227	0.6772	0.1703	1.6000e-003	0.0385	3.3000e-003	0.0418	0.0111	3.1600e-003	0.0143	0.0000	153.6749	153.6749	7.9300e-003	0.0000	153.8731
Worker	0.0477	0.0341	0.3535	1.1000e-003	0.1137	7.7000e-004	0.1145	0.0303	7.1000e-004	0.0310	0.0000	99.6261	99.6261	2.4100e-003	0.0000	99.6864

Total	**0.0704**	**0.7113**	**0.5237**	**2.7000e-003**	**0.1522**	**4.0700e-003**	**0.1563**	**0.0414**	**3.8700e-003**	**0.0453**	**0.0000**	**253.3010**	**253.3010**	**0.0103**	**0.0000**	**253.5595**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0413	0.3741	0.3286	5.2000e-004		0.0218	0.0218		0.0205	0.0205	0.0000	45.1639	45.1639	0.0110	0.0000	45.4394
Total	**0.0413**	**0.3741**	**0.3286**	**5.2000e-004**		**0.0218**	**0.0218**		**0.0205**	**0.0205**	**0.0000**	**45.1639**	**45.1639**	**0.0110**	**0.0000**	**45.4394**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0227	0.6772	0.1703	1.6000e-003	0.0385	3.3000e-003	0.0418	0.0111	3.1600e-003	0.0143	0.0000	153.6749	153.6749	7.9300e-003	0.0000	153.8731
Worker	0.0477	0.0341	0.3535	1.1000e-003	0.1137	7.7000e-004	0.1145	0.0303	7.1000e-004	0.0310	0.0000	99.6261	99.6261	2.4100e-003	0.0000	99.6864
Total	**0.0704**	**0.7113**	**0.5237**	**2.7000e-003**	**0.1522**	**4.0700e-003**	**0.1563**	**0.0414**	**3.8700e-003**	**0.0453**	**0.0000**	**253.3010**	**253.3010**	**0.0103**	**0.0000**	**253.5595**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099
Total	**0.2481**	**2.2749**	**2.1631**	**3.5100e-003**		**0.1251**	**0.1251**		**0.1176**	**0.1176**	**0.0000**	**302.2867**	**302.2867**	**0.0729**	**0.0000**	**304.1099**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.1247	4.1029	1.0241	0.0106	0.2576	8.9200e-003	0.2665	0.0745	8.5300e-003	0.0830	0.0000	1,018.7160	1,018.7160	0.0501	0.0000	1,019.9680
Worker	0.2956	0.2039	2.1601	7.1100e-003	0.7610	4.9800e-003	0.7660	0.2025	4.5900e-003	0.2070	0.0000	643.3345	643.3345	0.0144	0.0000	643.6952
Total	**0.4203**	**4.3068**	**3.1842**	**0.0177**	**1.0186**	**0.0139**	**1.0325**	**0.2770**	**0.0131**	**0.2901**	**0.0000**	**1,662.0505**	**1,662.0505**	**0.0645**	**0.0000**	**1,663.6632**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095
Total	**0.2481**	**2.2749**	**2.1631**	**3.5100e-003**		**0.1251**	**0.1251**		**0.1176**	**0.1176**	**0.0000**	**302.2863**	**302.2863**	**0.0729**	**0.0000**	**304.1095**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.1247	4.1029	1.0241	0.0106	0.2576	8.9200e-003	0.2665	0.0745	8.5300e-003	0.0830	0.0000	1,018.7160	1,018.7160	0.0501	0.0000	1,019.9680
Worker	0.2956	0.2039	2.1601	7.1100e-003	0.7610	4.9800e-003	0.7660	0.2025	4.5900e-003	0.2070	0.0000	643.3345	643.3345	0.0144	0.0000	643.6952
Total	**0.4203**	**4.3068**	**3.1842**	**0.0177**	**1.0186**	**0.0139**	**1.0325**	**0.2770**	**0.0131**	**0.2901**	**0.0000**	**1,662.0505**	**1,662.0505**	**0.0645**	**0.0000**	**1,663.6632**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	**0.2218**	**2.0300**	**2.1272**	**3.5000e-003**		**0.1052**	**0.1052**		**0.0990**	**0.0990**	**0.0000**	**301.2428**	**301.2428**	**0.0722**	**0.0000**	**303.0471**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.1159	3.8707	0.9592	0.0105	0.2566	7.7100e-003	0.2643	0.0742	7.3700e-003	0.0816	0.0000	1,004.8622	1,004.8622	0.0477	0.0000	1,006.0541
Worker	0.2745	0.1821	1.9775	6.8200e-003	0.7581	4.8400e-003	0.7629	0.2017	4.4600e-003	0.2061	0.0000	617.3744	617.3744	0.0129	0.0000	617.6966
Total	**0.3903**	**4.0529**	**2.9367**	**0.0173**	**1.0147**	**0.0126**	**1.0273**	**0.2759**	**0.0118**	**0.2877**	**0.0000**	**1,622.2366**	**1,622.2366**	**0.0606**	**0.0000**	**1,623.7507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	**0.2218**	**2.0300**	**2.1272**	**3.5000e-003**		**0.1052**	**0.1052**		**0.0990**	**0.0990**	**0.0000**	**301.2425**	**301.2425**	**0.0722**	**0.0000**	**303.0467**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.1159	3.8707	0.9592	0.0105	0.2566	7.7100e-003	0.2643	0.0742	7.3700e-003	0.0816	0.0000	1,004.8622	1,004.8622	0.0477	0.0000	1,006.0541
Worker	0.2745	0.1821	1.9775	6.8200e-003	0.7581	4.8400e-003	0.7629	0.2017	4.4600e-003	0.2061	0.0000	617.3744	617.3744	0.0129	0.0000	617.6966
Total	**0.3903**	**4.0529**	**2.9367**	**0.0173**	**1.0147**	**0.0126**	**1.0273**	**0.2759**	**0.0118**	**0.2877**	**0.0000**	**1,622.2366**	**1,622.2366**	**0.0606**	**0.0000**	**1,623.7507**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1416	1.2946	1.4620	2.4300e-003		0.0630	0.0630		0.0593	0.0593	0.0000	208.6243	208.6243	0.0496	0.0000	209.8650
Total	**0.1416**	**1.2946**	**1.4620**	**2.4300e-003**		**0.0630**	**0.0630**		**0.0593**	**0.0593**	**0.0000**	**208.6243**	**208.6243**	**0.0496**	**0.0000**	**209.8650**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0602	2.0661	0.5944	7.0200e-003	0.1777	2.3800e-003	0.1800	0.0514	2.2700e-003	0.0537	0.0000	676.1771	676.1771	0.0281	0.0000	676.8804
Worker	0.1777	0.1134	1.2593	4.5400e-003	0.5248	3.2800e-003	0.5281	0.1396	3.0200e-003	0.1427	0.0000	411.0442	411.0442	8.0000e-003	0.0000	411.2442

Total	**0.2379**	**2.1795**	**1.8538**	**0.0116**	**0.7025**	**5.6600e-003**	**0.7082**	**0.1910**	**5.2900e-003**	**0.1963**	**0.0000**	**1,087.2213**	**1,087.2213**	**0.0361**	**0.0000**	**1,088.1246**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1416	1.2946	1.4620	2.4300e-003		0.0630	0.0630		0.0593	0.0593	0.0000	208.6240	208.6240	0.0496	0.0000	209.8647
Total	**0.1416**	**1.2946**	**1.4620**	**2.4300e-003**		**0.0630**	**0.0630**		**0.0593**	**0.0593**	**0.0000**	**208.6240**	**208.6240**	**0.0496**	**0.0000**	**209.8647**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0602	2.0661	0.5944	7.0200e-003	0.1777	2.3800e-003	0.1800	0.0514	2.2700e-003	0.0537	0.0000	676.1771	676.1771	0.0281	0.0000	676.8804
Worker	0.1777	0.1134	1.2593	4.5400e-003	0.5248	3.2800e-003	0.5281	0.1396	3.0200e-003	0.1427	0.0000	411.0442	411.0442	8.0000e-003	0.0000	411.2442
Total	**0.2379**	**2.1795**	**1.8538**	**0.0116**	**0.7025**	**5.6600e-003**	**0.7082**	**0.1910**	**5.2900e-003**	**0.1963**	**0.0000**	**1,087.2213**	**1,087.2213**	**0.0361**	**0.0000**	**1,088.1246**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0284	0.2803	0.4011	6.3000e-004		0.0140	0.0140		0.0129	0.0129	0.0000	55.0739	55.0739	0.0178	0.0000	55.5192
Paving	0.0314					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0598**	**0.2803**	**0.4011**	**6.3000e-004**		**0.0140**	**0.0140**		**0.0129**	**0.0129**	**0.0000**	**55.0739**	**55.0739**	**0.0178**	**0.0000**	**55.5192**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	7.0000e-004	7.8200e-003	3.0000e-005	3.2600e-003	2.0000e-005	3.2800e-003	8.7000e-004	2.0000e-005	8.9000e-004	0.0000	2.5528	2.5528	5.0000e-005	0.0000	2.5540
Total	**1.1000e-003**	**7.0000e-004**	**7.8200e-003**	**3.0000e-005**	**3.2600e-003**	**2.0000e-005**	**3.2800e-003**	**8.7000e-004**	**2.0000e-005**	**8.9000e-004**	**0.0000**	**2.5528**	**2.5528**	**5.0000e-005**	**0.0000**	**2.5540**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Off-Road	0.0284	0.2803	0.4011	6.3000e-004		0.0140	0.0140		0.0129	0.0129	0.0000	55.0738	55.0738	0.0178	0.0000	55.5191
Paving	0.0314					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0598**	**0.2803**	**0.4011**	**6.3000e-004**		**0.0140**	**0.0140**		**0.0129**	**0.0129**	**0.0000**	**55.0738**	**55.0738**	**0.0178**	**0.0000**	**55.5191**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	7.0000e-004	7.8200e-003	3.0000e-005	3.2600e-003	2.0000e-005	3.2800e-003	8.7000e-004	2.0000e-005	8.9000e-004	0.0000	2.5528	2.5528	5.0000e-005	0.0000	2.5540
Total	**1.1000e-003**	**7.0000e-004**	**7.8200e-003**	**3.0000e-005**	**3.2600e-003**	**2.0000e-005**	**3.2800e-003**	**8.7000e-004**	**2.0000e-005**	**8.9000e-004**	**0.0000**	**2.5528**	**2.5528**	**5.0000e-005**	**0.0000**	**2.5540**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2480					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4000e-003	0.0163	0.0226	4.0000e-005		8.9000e-004	8.9000e-004		8.9000e-004	8.9000e-004	0.0000	3.1916	3.1916	1.9000e-004	0.0000	3.1963
Total	**1.2504**	**0.0163**	**0.0226**	**4.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.9000e-004**	**8.9000e-004**	**0.0000**	**3.1916**	**3.1916**	**1.9000e-004**	**0.0000**	**3.1963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9500e-003	3.1600e-003	0.0351	1.3000e-004	0.0146	9.0000e-005	0.0147	3.8900e-003	8.0000e-005	3.9700e-003	0.0000	11.4488	11.4488	2.2000e-004	0.0000	11.4544
Total	**4.9500e-003**	**3.1600e-003**	**0.0351**	**1.3000e-004**	**0.0146**	**9.0000e-005**	**0.0147**	**3.8900e-003**	**8.0000e-005**	**3.9700e-003**	**0.0000**	**11.4488**	**11.4488**	**2.2000e-004**	**0.0000**	**11.4544**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2480					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4000e-003	0.0163	0.0226	4.0000e-005		8.9000e-004	8.9000e-004		8.9000e-004	8.9000e-004	0.0000	3.1916	3.1916	1.9000e-004	0.0000	3.1963
Total	**1.2504**	**0.0163**	**0.0226**	**4.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.9000e-004**	**8.9000e-004**	**0.0000**	**3.1916**	**3.1916**	**1.9000e-004**	**0.0000**	**3.1963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9500e-003	3.1600e-003	0.0351	1.3000e-004	0.0146	9.0000e-005	0.0147	3.8900e-003	8.0000e-005	3.9700e-003	0.0000	11.4488	11.4488	2.2000e-004	0.0000	11.4544
Total	**4.9500e-003**	**3.1600e-003**	**0.0351**	**1.3000e-004**	**0.0146**	**9.0000e-005**	**0.0147**	**3.8900e-003**	**8.0000e-005**	**3.9700e-003**	**0.0000**	**11.4488**	**11.4488**	**2.2000e-004**	**0.0000**	**11.4544**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4976					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7100e-003	0.0183	0.0272	4.0000e-005		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	3.8299	3.8299	2.2000e-004	0.0000	3.8353
Total	**1.5003**	**0.0183**	**0.0272**	**4.0000e-005**		**9.1000e-004**	**9.1000e-004**		**9.1000e-004**	**9.1000e-004**	**0.0000**	**3.8299**	**3.8299**	**2.2000e-004**	**0.0000**	**3.8353**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5800e-003	3.4200e-003	0.0390	1.5000e-004	0.0175	1.1000e-004	0.0177	4.6700e-003	1.0000e-004	4.7700e-003	0.0000	13.1949	13.1949	2.4000e-004	0.0000	13.2009

Total	**5.5800e-003**	**3.4200e-003**	**0.0390**	**1.5000e-004**	**0.0175**	**1.1000e-004**	**0.0177**	**4.6700e-003**	**1.0000e-004**	**4.7700e-003**	**0.0000**	**13.1949**	**13.1949**	**2.4000e-004**	**0.0000**	**13.2009**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4976					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7100e-003	0.0183	0.0272	4.0000e-005		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	3.8299	3.8299	2.2000e-004	0.0000	3.8353
Total	**1.5003**	**0.0183**	**0.0272**	**4.0000e-005**		**9.1000e-004**	**9.1000e-004**		**9.1000e-004**	**9.1000e-004**	**0.0000**	**3.8299**	**3.8299**	**2.2000e-004**	**0.0000**	**3.8353**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5800e-003	3.4200e-003	0.0390	1.5000e-004	0.0175	1.1000e-004	0.0177	4.6700e-003	1.0000e-004	4.7700e-003	0.0000	13.1949	13.1949	2.4000e-004	0.0000	13.2009
Total	**5.5800e-003**	**3.4200e-003**	**0.0390**	**1.5000e-004**	**0.0175**	**1.1000e-004**	**0.0177**	**4.6700e-003**	**1.0000e-004**	**4.7700e-003**	**0.0000**	**13.1949**	**13.1949**	**2.4000e-004**	**0.0000**	**13.2009**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.4079	5.8836	28.9163	0.1221	15.7927	0.0842	15.8769	4.2327	0.0782	4.3109	0.0000	11,134.4672	11,134.4672	0.2734	0.0000	11,141.3010
Unmitigated	2.4079	5.8836	28.9163	0.1221	15.7927	0.0842	15.8769	4.2327	0.0782	4.3109	0.0000	11,134.4672	11,134.4672	0.2734	0.0000	11,141.3010

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	6,960.44	8,850.40	8850.40	20,933,198	20,933,198
Gasoline/Service Station	0.00	0.00	0.00		
Hotel	1,845.69	1,845.69	1845.69	5,191,105	5,191,105
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	149.25	174.70	174.70	436,716	436,716
Strip Mall	5,493.59	6,430.36	6430.36	16,074,627	16,074,627
Total	14,448.97	17,301.15	17,301.15	42,635,645	42,635,645

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	9.50	7.30	7.30	16.70	64.30	19.00	100	0	0
Gasoline/Service Station	9.50	7.30	7.30	2.00	79.00	19.00	100	0	0
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	100	0	0

Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	100	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Gasoline/Service Station	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Hotel	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Other Non-Asphalt Surfaces	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Parking Lot	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Strip Mall	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	836.2743	836.2743	0.0879	0.0182	843.8875
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	836.2743	836.2743	0.0879	0.0182	843.8875

NaturalGas Mitigated	0.0264	0.2402	0.2017	1.4400e-003		0.0183	0.0183		0.0183	0.0183	0.0000	261.4484	261.4484	5.0100e-003	4.7900e-003	263.0021
NaturalGas Unmitigated	0.0264	0.2402	0.2017	1.4400e-003		0.0183	0.0183		0.0183	0.0183	0.0000	261.4484	261.4484	5.0100e-003	4.7900e-003	263.0021

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	245680	1.3200e-003	0.0120	0.0101	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.1104	13.1104	2.5000e-004	2.4000e-004	13.1883
Gasoline/Service Station	57797	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0843	3.0843	6.0000e-005	6.0000e-005	3.1026
Hotel	4.28208e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5081	228.5081	4.3800e-003	4.1900e-003	229.8660
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	305501	1.6500e-003	0.0150	0.0126	9.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	16.3027	16.3027	3.1000e-004	3.0000e-004	16.3996
Strip Mall	8300	4.0000e-005	4.1000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4429	0.4429	1.0000e-005	1.0000e-005	0.4456
Total		**0.0264**	**0.2402**	**0.2017**	**1.4400e-003**		**0.0183**	**0.0183**		**0.0183**	**0.0183**	**0.0000**	**261.4484**	**261.4484**	**5.0100e-003**	**4.8000e-003**	**263.0021**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	245680	1.3200e-003	0.0120	0.0101	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.1104	13.1104	2.5000e-004	2.4000e-004	13.1883

Gasoline/Service Station	57797	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0843	3.0843	6.0000e-005	6.0000e-005	3.1026
Hotel	4.28208e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5081	228.5081	4.3800e-003	4.1900e-003	229.8660
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	305501	1.6500e-003	0.0150	0.0126	9.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	16.3027	16.3027	3.1000e-004	3.0000e-004	16.3996
Strip Mall	8300	4.0000e-005	4.1000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4429	0.4429	1.0000e-005	1.0000e-005	0.4456
Total		**0.0264**	**0.2402**	**0.2017**	**1.4400e-003**		**0.0183**	**0.0183**		**0.0183**	**0.0183**	**0.0000**	**261.4484**	**261.4484**	**5.0100e-003**	**4.8000e-003**	**263.0021**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	4.00044e+006	500.8936	0.0526	0.0109	505.4537
Gasoline/Service Station	19482.2	2.4394	2.6000e-004	5.0000e-005	2.4616
Hotel	832920	104.2896	0.0110	2.2700e-003	105.2390
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112167	14.0444	1.4800e-003	3.1000e-004	14.1723
Parking Lot	114345	14.3171	1.5000e-003	3.1000e-004	14.4474
Parking Lot	34412.4	4.3088	4.5000e-004	9.0000e-005	4.3480
Strip Mall	1.52383e+006	190.7978	0.0200	4.1500e-003	192.5347
Strip Mall	41400	5.1837	5.4000e-004	1.1000e-004	5.2309
Total		**836.2743**	**0.0879**	**0.0182**	**843.8875**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	4.00044e+006	500.8936	0.0526	0.0109	505.4537
Gasoline/Service Station	19482.2	2.4394	2.6000e-004	5.0000e-005	2.4616
Hotel	832920	104.2896	0.0110	2.2700e-003	105.2390
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112167	14.0444	1.4800e-003	3.1000e-004	14.1723
Parking Lot	114345	14.3171	1.5000e-003	3.1000e-004	14.4474
Parking Lot	34412.4	4.3088	4.5000e-004	9.0000e-005	4.3480
Strip Mall	1.52383e+006	190.7978	0.0200	4.1500e-003	192.5347
Strip Mall	41400	5.1837	5.4000e-004	1.1000e-004	5.2309
Total		**836.2743**	**0.0879**	**0.0182**	**843.8875**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Mitigated	0.7843	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Unmitigated	0.7843	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2671					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5167					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-004	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Total	**0.7843**	**5.0000e-005**	**5.6600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0111**	**0.0111**	**3.0000e-005**	**0.0000**	**0.0118**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2671					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5167					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-004	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118

Total	**0.7843**	**5.0000e-005**	**5.6600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0111**	**0.0111**	**3.0000e-005**	**0.0000**	**0.0118**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	28.1194	0.7884	0.0190	53.4931
Unmitigated	28.1194	0.7884	0.0190	53.4931

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	4 / 0	3.9791	0.1306	3.1400e-003	8.1794
Gasoline/Service Station	0.265638 / 0.16281	0.3356	8.6800e-003	2.1000e-004	0.6152
Hotel	5.85972 / 0.65108	6.1144	0.1914	4.6000e-003	12.2701
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000

Strip Mall	14.0027 / 8.58228	17.6904	0.4577	0.0111	32.4285
Total		**28.1194**	**0.7884**	**0.0190**	**53.4931**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	4 / 0	3.9791	0.1306	3.1400e-003	8.1794
Gasoline/Service Station	0.265638 / 0.16281	0.3356	8.6800e-003	2.1000e-004	0.6152
Hotel	5.85972 / 0.65108	6.1144	0.1914	4.6000e-003	12.2701
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	14.0027 / 8.58228	17.6904	0.4577	0.0111	32.4285
Total		**28.1194**	**0.7884**	**0.0190**	**53.4931**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e

	MT/yr			
Mitigated	197.3559	11.6634	0.0000	488.9410
Unmitigated	197.3559	11.6634	0.0000	488.9410

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	198.49	40.2917	2.3812	0.0000	99.8209
Total		**197.3559**	**11.6634**	**0.0000**	**488.9410**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	198.49	40.2917	2.3812	0.0000	99.8209
Total		**197.3559**	**11.6634**	**0.0000**	**488.9410**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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Generator Emissions

Table 6: Costco Emergency Generator Emissions

Conversion Factors

HP/kW	1.3410	
PM10 Fraction of Total PM[1]	0.960	
PM2.5 Fraction of Total PM[2]	0.937	
NMHC frac - diesel[3]	5%	
NOX frac - diesel[3]	95%	
Ratings:	1,000	kW
	1,341	HP
Load Factor[4]:	0.74	
Operating Hours per Unit[5]:	2	hours/day
	50	hours/year

Emergency Generator Emissions

Units	VOC[7]	NOX[7]	PM10	PM2.5
g/kW-hr			—	—
g/HP-hr[6]	0.31	4.56	0.1440	0.1406
lbs/hr	0.68	9.98	0.32	0.31
lbs/day	**1.35**	**19.95**	**0.63**	**0.61**
lbs/yr	33.79	498.80	15.75	15.37
Avg lbs/day	0.09	1.37	0.04	0.04
tons/yr	1.69E-02	2.49E-01	7.88E-03	7.69E-03

Notes:

1 Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION

2 Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION

3 Policy: CARB Emission Factors for CI Diesel Engines – Percent HC in Relation to NMHC + Nox: http://www.baaqmd.gov/~/media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx

4 Load Factor based on CalEEMod Generator Set Load Factor

5 Number of hours permitted for testing and maintenance consistent with BAAQMD Regulation 9-8-330.3

6 ARB 2011 Final Regulation Order for the ATCM for stationary engines, Table 1, Model year 2008+: https://www.arb.ca.gov/regact/2010/atcm2010/finalregorder.pdf

7 VOC and NOx emission factor were calculated from the combined NMHC+NOx emission factor of 4.8 g/bhp-hr, using the same fractions and VOC to NMHC or TC conversion factors as Emissions of GHGs assume 99.11% of the CO2e emissions occur as CO2, based on Climate Registry emission factors as referenced above.

Source: ESA 2018.

Table 7: Hotel Emergency Generator Emissions

Conversion Factors

HP/kW	1.3410	
PM10 Fraction of Total PM[1]	0.960	
PM2.5 Fraction of Total PM[2]	0.937	
NMHC frac - diesel[3]	5%	
NOX frac - diesel[3]	95%	
Ratings:	1,000	kW
	1,341	HP
Load Factor[4]:	0.74	
Operating Hours per Unit[5]:	2	hours/day
	50	hours/year

Emergency Generator Emissions

Units	VOC[7]	NOX[7]	PM10	PM2.5
g/kW-hr	—	—	—	—
g/HP-hr[6]	0.31	4.56	0.1440	0.1406
lbs/hr	0.68	9.98	0.32	0.31
lbs/day	**1.35**	**19.95**	**0.63**	**0.61**
lbs/yr	33.79	498.80	15.75	15.37
Avg lbs/day	0.09	1.37	0.04	0.04
tons/yr	**0.02**	**0.25**	**7.88E-03**	**7.69E-03**

Notes:

1 Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION

2 Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION

3 Policy: CARB Emission Factors for CI Diesel Engines – Percent HC in Relation to NMHC + Nox: http://www.baaqmd.gov/~/media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx

4 Load Factor based on CalEEMod Generator Set Load Factor

5 Number of hours permitted for testing and maintenance consistent with BAAQMD Regulation 9-8-330.3

6 ARB 2011 Final Regulation Order for the ATCM for stationary engines, Table 1, Model year 2008+: https://www.arb.ca.gov/regact/2010/atcm2010/finalregorder.pdf

7 VOC and NOx emission factor were calculated from the combined NMHC+NOx emission factor of 4.8 g/bhp-hr, using the same fractions and VOC to NMHC or TC conversion Emissions of GHGs assume 99.11% of the CO2e emissions occur as CO2, based on Climate Registry emission factors as referenced above.

Source: ESA 2018.

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Vehicle Emissions

Project Trip Generation

Table 1: Previous Trips Generation Estimates (Phase 1)[1]

Land Use	Size	Unit	Weekday Trips	Saturday Trips	Weekday Trip Rate	Saturday Trip Rate
Retail	24	1000sqft	1,000	1,170	42.6	49.8
Club Retail with Fuel	148	1000sqft	10,710	11,060	72.4	74.7
Hotel (150 Rooms)	88	1000sqft	1,230	1,230	14.0	14.0
		Total	**12,940**	**13,460**		
	Reductions[1]	Pass By Trips (Retail)	300	350		
		Pass By Trips (Club Retail with Fuel)	3,750	2,210		
		Total After Reductions	**8,890**	**10,900**		

Table 2: Previous Trips Generation Estimates (Phase 2)[1]

Land Use	Size	Unit	Weekday Trips	Saturday Trips	Weekday Trip Rate	Saturday Trip Rate
Retail	246	1000sqft	10,510	12,300	42.6	49.9
		30% Reduction	3,153	3,690		
		Net Trips	**7,357**	**8,610**		

Table 3: Updated Trips Generation Estimates (Phase 1)

Land Use	Size	Unit	Weekday Trip Rate	Saturday Trip Rate	Weekday Trips	Saturday Trips
Retail	5	1000sqft	42.6	49.8	213	249
Club Retail with Fuel	148	1000sqft	72.4	74.7	10,710	11,060
Hotel (231 Rooms)	132	1000sqft	14.0	14.0	1,845	1,845
				Total	**12,768**	**13,154**
			Reductions[1]	Pass By Trips (Retail)	64	75
				Pass By Trips (Club Retail with Fuel)	3,750	2,210

Trip Rates for CalEEMod	Weekday Trip Rate	Saturday Trip Rate
Retail	**29.82**	**34.89**
Club Retail with Fuel	**47.03**	**59.80**
Hotel (231 Rooms)*	**7.99**	**7.99**

**CalEEMod uses vehicle trips per room instead of SF*

Vehicle Type	Fleet Distribution	Fleet Distribution**
LDA	0.59	0.594046867
LDT1	0.06	0.064403952
LDT2	0.21	0.208695384
MDV	0.13	0.132853797

**These values entered in CalEEMod, all other vehicle categories zeroed-out, only these light-duty vehicle categories are evaluated.*

Net Total	
Retail	149
Club Retail with Fuel	6,960
Hotel (231 Rooms)	1,845

Weighted Daily Trips	
Retail	156
Club Retail with Fuel	7,500
Hotel (231 Rooms)	1,845

Total After Reductions	**8,954**	**10,869**
Weighted Daily Trips	**9,501**	

Table 4: Updated Trips Generation Estimates (Phase 2)

Land Use	Size	Unit	Weekday Trip Rate	Saturday Trip Rate	Weekday Trips	Saturday Trips
Retail	184	1000sqft	43	50	7,849	9,185
				Total	**7,849**	**9,185**
			Reductions[1]	Pass By Trips (Retail)	2,355	2,756
				Total After Reductions	**5,494**	**6,430**
				Weighted Daily Trips	**5,596**	

Trip Rates for CalEEMod	Weekday Trip Rate	Saturday Trip Rate
Retail	**29.85**	**34.94**

Hotel/Retail Trucks

Land Use	Weighted Daily Trucks
Phase 2-Retail	165
Phase 1-Retail	4
Phase 1-Hotel	54

Phase 2 Retail Trucks

Weekday Trips	Weekend Trips
157	184
Weighted Daily Trucks	
112.45	52.64

1) Johnson Drive Economic Development Zone Transportation Impact Analysis, Fehr & Peers, 2015.

Table 9: Light-Duty Vehicle Idling Emissions at Gas Station

Phase	Trips per Day (In/Out)	# of Cars Idling per Day	Idling Duration (min)
Phase 1A-Costco Gas Station	3371	1686	10

Emission Factors

2021				2030				2031			
ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5
g/min				g/min				g/min			
8.11E-03	1.04E-02	8.85E-04	8.46E-04	2.71E-03	4.08E-03	5.75E-04	5.28E-04	2.47E-03	3.83E-03	5.40E-04	4.96E-04

Daily Emissions

2021				2030				2031			
ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5
lbs/day				lbs/day				lbs/day			
3.01E-01	3.85E-01	3.29E-02	3.14E-02	1.01E-01	1.51E-01	2.14E-02	1.96E-02	9.18E-02	1.42E-01	2.01E-02	1.84E-02

Annual Emissions

2021				2030				2031			
ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5
lbs/year				lbs/year				lbs/year			
110.0	140.5	12.0	11.5	36.7	55.3	7.8	7.2	33.5	51.9	7.3	6.7
Tons/year				Tons/year				Tons/year			
0.0550	0.0702	0.0060	0.0057	0.0183	0.0276	0.0039	0.0036	0.0168	0.0260	0.0037	0.0034

Table 10: HHDT Running and Starting Exhaust Emissions

Williams, California 95987	# of Trucks per Day	Truck Trips per Day (In/Out)	Truck Trips per Hour (In/Out)	Trip Length (mi)
Fedex	390	780	78	7.3
Costco	10	20	2	24.5
Gas Station	6	12	1	30.0
Phase 1 - Retail/Hotel	29	58	6	7.3
Phase 2- Trucks	165	330	33	7.3

Emissions Factors

	2021								2030								2031							
	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW
	Emission Factor (g/mi)								Emission Factor (g/mi)								Emission Factor (g/mi)							
Running - Costco Trucks	1.98E-02	2.04E+00	2.49E-02	3.56E-02	6.11E-02	2.38E-02	8.90E-03	2.62E-02	2.34E-02	2.66E+00	2.84E-02	3.53E-02	6.05E-02	2.72E-02	8.82E-03	2.59E-02	2.33E-02	2.63E+00	2.84E-02	3.52E-02	6.04E-02	2.72E-02	8.80E-03	2.59E-02
Running - All Other Trucks	1.36E-01	4.12E+00	6.07E-02	3.55E-02	6.08E-02	5.81E-02	8.86E-03	2.61E-02	2.29E-02	2.53E+00	2.38E-02	3.55E-02	6.10E-02	2.28E-02	8.89E-03	2.61E-02	2.28E-02	2.52E+00	2.37E-02	3.56E-02	6.10E-02	2.27E-02	8.89E-03	2.61E-02
Starting - Costco Trucks		2.39E+00								2.41E+00								7.19E+00						
Starting - All Other Trucks		1.90E+00								2.39E+00								2.39E+00						

DAILY	2021								2030								2031							
	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW
Source	Emissions (lb/day)								Emissions (lb/day)								Emissions (lb/day)							
Costco	0.0	2.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.1	0.0	0.0	0.0
Gas Station	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
Phase 1 - Retail/Hotel	0.1	4.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	2.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.1	0.0	0.0	0.0
Phase 2- Trucks	0.7	23.3	0.3	0.2	0.3	0.3	0.0	0.1	0.1	15.2	0.1	0.2	0.3	0.1	0.0	0.1	0.1	15.2	0.1	0.2	0.3	0.1	0.0	0.1
Phase 1	0.2	8.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	7.8	0.1	0.1	0.2	0.1	0.0	0.1	0.1	8.1	0.1	0.1	0.2	0.1	0.0	0.1
Full Buildout	0.9	31.4	0.4	0.3	0.5	0.4	0.1	0.2	0.2	23.0	0.2	0.3	0.5	0.2	0.1	0.2	0.2	23.3	0.2	0.3	0.5	0.2	0.1	0.2

	2021				2030				2031			
	ROG	NOX	Total PM10	Total PM2.5	ROG	NOX	Total PM10	Total PM2.5	ROG	NOX	Total PM10	Total PM2.5
Source	Emissions (lb/day)				Emissions (lb/day)				Emissions (lb/day)			
Phase 1	0.2	8.1	0.4	0.2	0.1	7.8	0.3	0.2	0.1	8.1	0.3	0.2
Full Buildout	0.9	31.4	1.2	0.7	0.2	23.0	1.0	0.5	0.2	23.3	1.0	0.5

ANNUAL	2021								2030								2031							
	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW
Source	Emissions (lb/year)								Emissions (lb/year)								Emissions (lb/year)							
Costco	7.8	843.5	9.8	14.0	24.1	9.4	3.5	10.3	9.2	1086.1	11.2	13.9	23.8	10.7	3.5	10.2	9.2	1151.2	11.2	13.9	23.8	10.7	3.5	10.2
Gas Station	5.7	614.5	7.2	10.3	17.7	6.9	2.6	7.6	6.8	792.7	8.2	10.2	17.5	7.9	2.6	7.5	6.8	830.2	8.2	10.2	17.5	7.9	2.5	7.5
Phase 1 - Retail/Hotel	46.5	1499.4	20.8	12.1	20.8	19.9	3.0	8.9	7.8	979.9	8.2	12.2	20.9	7.8	3.0	8.9	7.8	976.6	8.1	12.2	20.9	7.8	3.0	8.9
Phase 2- Trucks	263.5	8492.0	117.7	68.8	117.9	112.6	17.2	50.5	44.4	5549.7	46.3	68.9	118.2	44.3	17.2	50.7	44.2	5530.8	46.0	69.0	118.3	44.0	17.2	50.7

	2021								2030								2031							
	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW	ROG	NOX	PM10 Exh	PM10 TW	PM10 BW	PM2.5 Exh	PM2.5 TW	PM2.5 BW
Source	Emissions (tons/year)								Emissions (tons/year)								Emissions (tons/year)							
Phase 1	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
Full Buildout	0.2	5.7	0.1	0.1	0.1	0.1	0.0	0.0	0.0	4.2	0.0	0.1	0.1	0.0	0.0	0.0	0.0	4.2	0.0	0.1	0.1	0.0	0.0	0.0

	2021				2030				2031			
	ROG	NOX	Total PM10	Total PM2.5	ROG	NOX	Total PM10	Total PM2.5	ROG	NOX	Total PM10	Total PM2.5
Source	Emissions (tons/year)				Emissions (tons/year)				Emissions (tons/year)			
Phase 1	0.03	1.48	0.07	0.04	0.0	1.4	0.1	0.0	0.0	1.5	0.1	0.0
Full Buildout	0.2	5.7	0.2	0.1	0.0	4.2	0.2	0.1	0.0	4.2	0.2	0.1

Table 11: HHDT Idling Exhaust Emissions

Source	# of Trucks per Day	# of Trucks per Hour	Idling Minutes
Fedex	390	39	15
Costco	10	1	15
Gas Station	6	1	15
Phase 1 - Retail/Hotel	29	3	15
Phase 2- Trucks	165	17	15

Emissions Factors

	2021				2030				2031			
	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5
	Emission Factor (g/min)				Emission Factor (g/min)				Emission Factor (g/min)			
Costco Trucks	3.95E-02	4.66E-01	1.68E-04	1.61E-04	3.95E-02	4.66E-01	1.68E-04	1.61E-04	3.95E-02	4.66E-01	1.68E-04	1.61E-04
All Other Trucks	3.98E-02	5.99E-01	5.51E-04	5.28E-04	3.92E-02	4.95E-01	2.35E-04	2.25E-04	3.93E-02	4.92E-01	2.25E-04	2.16E-04

	2021				2030				2031			
DAILY	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5
Source	Emissions (lb/day)				Emissions (lb/day)				Emissions (lb/day)			
Costco	0.01	0.15	0.00	0.00	0.01	0.15	0.00	0.00	0.01	0.15	0.00	0.00
Gas Station	0.01	0.09	0.00	0.00	0.01	0.09	0.00	0.00	0.01	0.09	0.00	0.00
Phase 1 - Retail/Hotel	0.04	0.58	0.00	0.00	0.04	0.48	0.00	0.00	0.04	0.47	0.00	0.00
Phase 2- Trucks	0.22	3.27	0.00	0.00	0.21	2.70	0.00	0.00	0.21	2.69	0.00	0.00
Phase 1	0.06	0.82	0.00	0.00	0.06	0.72	0.00	0.00	0.06	0.72	0.00	0.00
Full Buildout	0.28	4.09	0.00	0.00	0.27	3.43	0.00	0.00	0.27	3.41	0.00	0.00

ANNUAL	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5
Source	Exhaust Emissions (lb/year)				Exhaust Emissions (lb/year)				Exhaust Emissions (lb/year)			
Costco	4.76	56.29	0.02	0.02	4.76	56.29	0.02	0.02	4.76	56.29	0.02	0.02
Gas Station	2.86	33.78	0.01	0.01	2.86	33.78	0.01	0.01	2.86	33.78	0.01	0.01
Phase 1 - Retail/Hotel	14.01	210.73	0.19	0.19	13.81	174.23	0.08	0.08	13.81	173.26	0.08	0.08
Phase 2- Trucks	79.33	1193.47	1.10	1.05	78.20	986.72	0.47	0.45	78.22	981.27	0.45	0.43

	2021				2030				2031			
	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5	ROG	NOX	PM10	PM2.5
Source	Exhaust Emissions (tons/year)				Exhaust Emissions (tons/year)				Exhaust Emissions (tons/year)			
Phase 1	0.01	0.15	0.00	0.00	0.01	0.13	0.00	0.00	0.01	0.13	0.00	0.00
Full Buildout	0.05	0.75	0.00	0.00	0.05	0.63	0.00	0.00	0.05	0.62	0.00	0.00

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Gas Station Emissions

Table 8: Gas Station Evaporative TOG Emissions

Annual Gasoline Throughput (gal)[1]
26,640,000

Emission Factors for Enhance Vapor Recovery System[2]			
lb/kgal		Fueling	
0.07287	0.42	Non-ORVR Vehicles[3]	13%
	0.021	ORVR Vehicles[3]	87%
0.15		Bulk Transfer Losses	
0.024		Pressure Driven Losses	
0.24		Fueling - Spillage	
0.009		Gasoline Hose Losses	
0.49587		**Total**	

6.60 tons/year
36.19 lbs/day

1 Johnson Drive HRA Assumptions

2 Emission factors from CARB "Revised Emissions Factors for Gasoline Marketing Operations at California Gasoline Dispensing Facilities". December 23, 2013 (CARB, 2013). Assumes use of enhanced vapor recovery systems

3 Based on CARB "Revised Emissions Factors for Gasoline Marketing Operations at California Gasoline Dispensing Facilities". Attachment 1, Table 1-2 (CARB, 2014), by year 2021 , 87% vehicles served at gas stations will be ORVR vehicles. The emission factors for fueling is the composition emission factor based on the two types of vehicles.

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Transportation Refrigeration Unit Emissions

TRU Operation

Table 5: TRU Operations Emissions

Source	Input	ROG	NOX	PM10 (DPM)	PM2.5	ROG	NOX	PM10 (DPM)	PM2.5
Costco									
Daily Trucks[1]	10								
Trucks per Hour	1								
Percent box trucks with TRUs[1]	75%								
TRU operation/trip (hrs)[1]	2			lbs/hr				lbs/year	
Annual hours of TRU operation	5,475	7.77E-03	1.15E-01	6.90E-04	6.90E-04	4.25E+01	6.28E+02	3.78E+00	3.78E+00
						Daily Average Emissions (lbs/day)			
						1.16E-01	1.72E+00	1.03E-02	1.03E-02
Phase 1 - Retail/Hotel									
Daily one-way trips	58								
Daily Trucks	29								
Trucks per Hour	3								
Percent semi trucks with TRUs[1]	25%								
TRU operation/trip (hrs)[1]	2			lbs/hr				lbs/year	
Annual hours of TRU operation	5,320	5.66E-03	8.35E-02	5.03E-04	5.03E-04	4.13E+01	6.10E+02	3.67E+00	3.67E+00
						Daily Average Emissions (lbs/day)			
						1.13E-01	1.67E+00	1.01E-02	1.01E-02
Phase 2 - Onsite Businesses									
Daily one-way trips	165								
Daily Trucks	83								
Trucks per Hour	8								
Percent semi trucks with TRUs[1]	25%								
TRU operation/trip (hrs)[1]	2			lbs/hr				lbs/year	
Annual hours of TRU operation	15,065	1.60E-02	2.37E-01	1.42E-03	1.42E-03	1.17E+02	1.73E+03	1.04E+01	1.04E+01
						Daily Average Emissions (lbs/day)			
						3.21E-01	4.73E+00	2.85E-02	2.85E-02

Parameters for TRU Trucks	
TRU horsepower[2]	34
TRU load factor	0.46
ROG[5,6,7,8]	0.23
NOX[5,6]	3.33
Ultra-Low Emission TRU emission factor (g/hp-hr)[3]	0.02
NMHC +NOx for Tier 4 Offroad Engines(g/hp-hr)	3.5
NMHC Fraction [5,6]	5%
NOx Fraction [5,6]	95%
NMHC/HC [7]	0.984
ROG/HC [8]	1.266

Phase	ROG	NOX	PM10/DPM	PM2.5
	Annual Emissions (tons/year)			
Phase 1	4.19E-02	6.19E-01	3.72E-03	3.72E-03
Full Buildout	1.00E-01	1.48E+00	8.92E-03	8.92E-03

Phase	ROG	NOX	PM10/DPM	PM2.5
	Daily Average Emissions (lbs/day)			
Phase 1	2.30E-01	3.39E+00	2.04E-02	2.04E-02
Full Buildout	5.50E-01	8.12E+00	4.89E-02	4.89E-02

Notes:

1 Johnson Drive HRA Assumptions

2 ARB 2011 Staff Report: Amendments for the ATCM for TRUs, table III-1: https://www.arb.ca.gov/regact/2011/tru2011/truisor.pdf

3 Required per ARB ATCM, section 2477.5 (b), table 6: https://www.arb.ca.gov/diesel/tru/documents/fro_10-16-12.pdf

4 Calculation takes variable emissions into account

5 Table 1, https://www.arb.ca.gov/msei/ordiesel/ordas_ef_fcf_2017.pdf

6 Policy: CARB Emission Factors for CI Diesel Engines – Percent HC in Relation to NMHC + Nox:

7 NMHC/HC based on EPA conversion factor. https://nepis.epa.gov/Exe/ZyPDF.cgi/P10081RP.PDF?Dockey=P10081RP.PDF

8 ROG/HC based on CARB recommended conversion factor. https://www.arb.ca.gov/msprog/moyer/guidelines/2011gl/2011cmp_appd_4_28_11.pdf

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CITY OF PLEASANTON JOHNSON DRIVE ECONOMIC DEVELOPMENT ZONE

Final Greenhouse Gas Technical Analysis

Prepared for
City of Pleasanton

July 2019

ESA

CITY OF PLEASANTON JOHNSON DRIVE ECONOMIC DEVELOPMENT ZONE

Final Greenhouse Gas Technical Analysis

Prepared for
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July 2019

180 Grand Avenue
Suite 1050
Oakland, CA 94612
510.839.5066
www.esassoc.com

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OUR COMMITMENT TO SUSTAINABILITY | ESA helps a variety of public and private sector clients plan and prepare for climate change and emerging regulations that limit GHG emissions. ESA is a registered assessor with the California Climate Action Registry, a Climate Leader, and founding reporter for the Climate Registry. ESA is also a corporate member of the U.S. Green Building Council and the Business Council on Climate Change (BC3). Internally, ESA has adopted a Sustainability Vision and Policy Statement and a plan to reduce waste and energy within our operations.

TABLE OF CONTENTS

	Page
TABLE OF CONTENTS	**i**
List of Acronyms and Abbreviations	iii
Chapter 1 Introduction and Background	**1**
1.1 Existing Conditions	1
1.2 Project Description	1
1.3 Environmental Setting	2
Chapter 2 Applicable Regulations	**5**
2.1 Federal	5
2.2 State of California	6
2.3 Regional	15
2.4 City of Pleasanton	18
Chapter 3 GHG Quantification Methodology	**21**
3.1 Greenhouse Gas Emissions Estimates	21
3.2 Project Design Features	27
Chapter 4 Significance Criteria	**31**
4.1 CEQA Guidelines	31
4.2 Relevant Court Cases	32
4.3 Existing BAAQMD Significance Thresholds	34
4.4 Project Significance Criteria	35
Chapter 5 Project Impacts	**37**
5.1 GHG Emissions Impact	37
5.2 Conclusion	46

Appendices

A. Emissions Modeling Files	A-1

Page

Tables

Table 1 State of California Greenhouse Gas Emissions....4
Table 2 Pleasanton Community-Wide GHG Emissions By Sector (MT CO2e) 2005....18
Table 3 Projected Emissions Reductions from Pleasanton Climate Action Plan Strategies....19
Table 4 Daily Truck Deliveries....24
Table 5 Estimated Unmitigated Construction Greenhouse Gas Emissions....38
Table 6 Annual operational GHG emissions, Phase 1 and Full Buildout....38
Table 7 Project Consistency with City of Pleasanton Climate Action Plan....44

List of Acronyms and Abbreviations

AB	Assembly Bill
ABAG	Association of Bay Area Governments
AEP	Association of Environmental Professionals
BAAQMD	Bay Area Air Quality Management District
BAU	Business as Usual
CAA	Clean Air Act
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standards
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CEUS	California Commercial End Use Survey
CFCs	Chlorofluorocarbon
CO_2	Carbon dioxide
CO_2e	Carbon dioxide equivalents
CH_4	Methane
CNRA	California Natural Resources Agency
DPM	Diesel Particulate Matter
CAP	Climate Action Plan
CEC	California Energy Commission
EDZ	Economic Development Zone
EPA	U.S. Environmental Protection Agency
EIR	Environmental Impact Report
EV	electric-vehicle
EVSE	electric vehicle supply equipment
FY	Fiscal year
GHG	Greenhouse gas emission
GWP	Global warming potential
HCFCs	Hydrochlorofluorocarbons
HDDV	Heavy duty diesel vehicle
HHD	heavy-heavy-duty
HFCs	Hydrofluorocarbons
HRA	health risk assessment
HVAC-R	Heating, ventilation, air conditioning and refrigeration
IBC	International Building Code
KW	kilowatt
kWh	kilowatt-hour
Lbs	pounds
LCFS	Low Carbon Fuel Standards
LEED	Leadership in Energy and Environmental Design
Mpg	Miles per gallon
MPO	metropolitan planning organization
MTC	Metropolitan Transportation Commission

MT	Metric ton
MMT	Million metric tons
MWh	megawatt-hour
N_2O	Nitrous oxide
NHTSA	National Highway Traffic Safety Administration
OPR	Governor's Office of Planning and Research
PDA	Priority Development Area
PG&E	Pacific Gas and Electric
PFCs	Perfluorocarbons
POUs	publicly owned utilities
PV	photovoltaic
RPS	Renewables Portfolio Standard
SB	Senate Bill
SF_6	Sulfur hexafluoride
TAC	Toxic Air Contaminant
TCMs	Transportation Control Measures
TDM	Transportation Demand Management
TPA	Transit Priority Area
TRU	transportation refrigeration unit
U.S.	United States
USGBC	U.S. Green Building Council
VMT	Vehicle miles traveled
WRRP	Waste Reduction and Recycling Plan

Chapter 1
Introduction and Background

Environmental Science Associates (ESA) has prepared this Greenhouse Gas (GHG) Technical Analysis in support of environmental clearance under the California Environmental Quality Act (CEQA) for the Johnson Drive Economic Development Zone (EDZ) project (Project) located in the City of Pleasanton (City).

The EDZ would result in the establishment of an economic development zone along Johnson Drive in the City of Pleasanton, presently identified in the City's General Plan as an area within the Commerce Circle/Johnson Drive Sub-Area, the approval of an associated General Plan amendment, and the rezoning of 12 parcels within the area to a commercial Planned Unit Development zone, for the purpose of facilitating the development of uses that would add value to the properties, and promote long-term economic sustainability for the City as a whole.

1.1 Existing Conditions

The EDZ area comprises approximately 40 acres, located southeast of the intersection of I-680 and I-580, a major regional transportation node. Currently there is 224,688 square feet of occupied building space at the site, containing a mix of light industrial, office, retail, and institutional land uses.

1.2 Project Description

The Project site would be developed with approximately 148,000 square feet (sf) of club retail (Costco store) with a 20-pump (dispensers) gas station on parcel 6. Parking for up to 800 vehicles and landscaping and site improvements, including bio-retention areas to manage on-site stormwater runoff and trees planted throughout the parcel to provide shading and visual screening around the perimeter, could also be developed on this parcel. A 231-room hotel consisting of approximately 132,000 sf and 5,000 sf of retail would be developed on parcels 9 and 10, and the remaining parcels would be developed with approximately 184,000 sf of retail space.

1.3 Environmental Setting

Greenhouse Gases and Climate Change

Global climate change refers to changes in average climatic conditions on Earth as a whole, including changes in temperature, wind patterns, precipitation and storms. Historical records indicate that global climate changes have occurred in the past due to natural phenomena; however, current data increasingly indicate that the current global conditions differ from past climate changes in rate and magnitude. Global climate change attributable to anthropogenic (human) GHG emissions is currently one of the most important and widely debated scientific, economic and political issues in the United States and the world. The extent to which increased concentrations of GHGs have caused or will cause climate change and the appropriate actions to limit and/or respond to climate change are the subject of significant and rapidly evolving regulatory efforts at the federal and state levels of government.

GHGs are compounds in the Earth's atmosphere which play a critical role in determining temperature near the Earth's surface. More specifically, these gases allow high-frequency shortwave solar radiation to enter the Earth's atmosphere, but retain some of the low frequency infrared energy which is radiated back from the Earth towards space, resulting in a warming of the atmosphere. Not all GHGs possess the same ability to induce climate change; as a result, GHG contributions are commonly quantified in the units of equivalent mass of carbon dioxide (CO_2e). Mass emissions are calculated by converting pollutant specific emissions to CO_2e emissions by applying the proper global warming potential (GWP) value.[1] GWP is the measure of the amount of energy one ton of a gas will absorb over a given period of time, relative to the emissions of one ton of carbon dioxide (CO_2). The larger the GWP, the more that a given gas warms the Earth compared to CO_2 over that time period. These GWP ratios are provided by the Intergovernmental Panel on Climate Change (IPCC) in its Fourth Assessment Report (AR4).[2] By applying the GWP ratios, project-related CO_2e emissions can be tabulated in metric tons per year. Typically, the GWP ratio corresponding to the warming potential of CO_2 over a 100-year period is used as a reference point for GHG emissions. The CO_2e values are calculated for construction years as well as existing and project build-out conditions in order to generate a net change in GHG emissions for construction and operation. Compounds that are regulated as GHGs are discussed below.

- **Carbon Dioxide (CO_2):** CO_2 is the most abundant anthropogenic GHG in the atmosphere and is primarily generated from fossil fuel combustion from stationary and mobile sources. CO_2 is the reference gas (GWP of 1) for determining the GWPs of other GHGs.
- **Methane (CH_4):** CH_4 is emitted from biogenic sources (i.e., resulting from the activity of living organisms), incomplete combustion in forest fires, anaerobic decomposition of organic matter in landfills, manure management, and leaks in natural gas pipelines. The GWP of CH_4 is 21 in the IPCC SAR and 25 in the IPCC AR4.

[1] GWPs and associated CO_2e values were developed by the Intergovernmental Panel on Climate Change (IPCC), and published in its Second Assessment Report (SAR) in, 1996. Historically, GHG emission inventories have been calculated using the GWPs from the IPCC's SAR. The IPCC updated the GWP values based on the latest science in its Fourth Assessment Report (AR4). The California Air Resources Board (CARB) has begun reporting GHG emission inventories for California using the GWP values from the IPCC AR4.

[2] Intergovernmental Panel on Climate Change (IPCC), 2007. Fourth Assessment Report, The Physical Science Basis, Table 2.14. Available at https://www.ipcc.ch/report/ar4/wg1/. Accessed March 2019.

- **Nitrous Oxide (N_2O):** N_2O produced by human-related sources including agricultural soil management, animal manure management, sewage treatment, mobile and stationary combustion of fossil fuel, adipic acid production, and nitric acid production. The GWP of N_2O is 310 in the IPCC SAR and 298 in the IPCC AR4.
- **Hydrofluorocarbons (HFCs):** HFCs are fluorinated compounds consisting of hydrogen, carbon, and fluorine. They are typically used as refrigerants in both stationary refrigeration and mobile air conditioning systems. The GWPs of HFCs range from 140 for HFC-152a to 11,700 for HFC-23 in the IPCC SAR and 124 for HFC-152a to 14,800 for HFC-23 in the IPCC AR4.
- **Perfluorocarbons (PFCs):** PFCs are fluorinated compounds consisting of carbon and fluorine. They are primarily created as a byproduct of aluminum production and semiconductor manufacturing. The GWPs of PFCs range from 6,500 to 9,200 in the IPCC SAR and 7,390 to 17,700 in the IPCC AR4.
- **Sulfur Hexafluoride (SF_6):** SF_6 is a fluorinated compound consisting of sulfur and fluoride. It is a colorless, odorless, nontoxic, nonflammable gas. It is most commonly used as an electrical insulator in high voltage equipment that transmits and distributes electricity. SF_6 has a GWP of 23,900 in the IPCC SAR and 22,800 in the IPCC AR4.

Existing Conditions

State of California Greenhouse Gas Emissions Inventory

The California Air Resources Board (CARB) compiles GHG inventories for the State of California. Based on the 2016 GHG inventory data (i.e., the latest year for which data are available from CARB) prepared by CARB in 2018, California emitted 429.4 million metric tons of CO_2e ($MMTCO_2e$) including emissions resulting from imported electrical power.[3] Between 1990 and 2016, the population of California grew by approximately 9.4 million (from 29.8 to 39.2 million).[4] This represents an increase of approximately 32 percent from 1990 population levels. In addition, the California economy, measured as gross state product, grew from $773 billion in 1990 to $2.62 trillion in 2016 representing an increase of approximately 239 percent (just over three times the 1990 gross state product).[5] Despite the population and economic growth, CARB's 2016 Statewide inventory indicated that California's net GHG emissions in 2016 were just below 1990 levels, which is the 2020 GHG reduction target codified in California Health and Safety Code (HSC), Division 25.5, also known as The Global Warming Solutions Act of 2006 (AB 32). **Table 1**, *State of California GHG Emissions,* identifies and quantifies statewide anthropogenic GHG emissions and sinks (e.g., carbon sequestration due to forest growth) in 1990 and 2016. As shown in the table, the transportation sector is the largest contributor to statewide GHG emissions at approximately 39 percent in 2016.

[3] California Air Resources Board, 2018. California Greenhouse Gas 2000-2016 Inventory by Scoping Plan Category – Summary. Available at https://www.arb.ca.gov/cc/inventory/data/tables/ghg_inventory_scopingplan_sum_2000-16.pdf. Accessed: March 10, 2019.

[4] California Department of Finance, 2019. E-5 Population and Housing Estimates for Cities, Counties and the State. Available at: http://www.dof.ca.gov/Forecasting/Demographics/Estimates/. Accessed February 8, 2019.

[5] California Department of Finance, 2018. Gross State Product. Available at: http://www.dof.ca.gov/Forecasting/Economics/Indicators/Gross_State_Product/. Accessed February 8, 2019. Amounts are based on current dollars as of the date of the report.

TABLE 1
STATE OF CALIFORNIA GREENHOUSE GAS EMISSIONS

Category	Total 1990 Emissions using IPCC SAR ($MMTCO_2e$)	Percent of Total 1990 Emissions	Total 2016 Emissions using IPCC AR4 ($MMTCO_2e$)	Percent of Total 2016 Emissions
Transportation	150.7	35%	169.4	39%
Electric Power	110.6	26%	68.6	16%
Commercial Fuel Use	14.4	3%	15.2	4%
Residential	29.7	7%	24.2	6%
Industrial	103.0	24%	89.6	21%
Recycling and Waste [a]	–	–	8.8	2%
High GWP/Non-Specified [b]	1.3	<1%	19.8	5%
Agriculture/Forestry	23.6	6%	33.8	8%
Forestry Sinks	-6.7		-- [c]	--
Net Total (IPCC SAR)	**426.6**	**100%**	--	--
Net Total (IPCC AR4) [d]	**431**	**100%**	**429.4**	**100%**

[a] Included in other categories for the 1990 emissions inventory.
[b] High GWP gases are not specifically called out in the 1990 emissions inventory.
[c] Revised methodology under development (not reported for 2012).
[d] CARB revised the State's 1990 level GHG emissions using GWPs from the IPCC AR4.

Sources:
CARB, 2017. 1990 to 2004 Inventory Data and Documentation. Available: https://www.arb.ca.gov/cc/inventory/1990level/1990data.htm. Accessed: March 11, 2019;
CARB, 2018. California Greenhouse Gas 2000-2016 Inventory by Scoping Plan Category – Summary. Available: https://www.arb.ca.gov/cc/inventory/data/tables/ghg_inventory_scopingplan_sum_2000-16.pdf. Accessed: March 10, 2019.

Effects of Global Climate Change

The scientific community's understanding of the fundamental processes responsible for global climate change has improved over the past decade, and its predictive capabilities are advancing. However, there remain significant scientific uncertainties in, for example, predictions of local effects of climate change, occurrence, frequency, and magnitude of extreme weather events, effects of aerosols, changes in clouds, shifts in the intensity and distribution of precipitation, and changes in oceanic circulation. Due to the complexity of the Earth's climate system and inability to accurately model it, the uncertainty surrounding climate change may never be completely eliminated. Nonetheless, the IPCC's *Fifth Assessment Report (AR5)* states that is *extremely likely* that the dominant cause of the observed warming since the mid-20th century is the anthropogenic increase in greenhouse gas concentrations.[6] A report from the National Academy of Sciences concluded that 97 to 98 percent of the climate researchers most actively publishing in the field

6 Intergovernmental Panel on Climate Change, 2014. Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Available at www.ipcc.ch/report/ar5/syrhttps:/. Accessed March 10, 2019.

support the tenets of the IPCC in that climate change is very likely caused by human (i.e., anthropogenic) activity.[7]

The Fourth California Climate Change Assessment (Fourth Assessment), published in 2018, finds that the potential impacts in California due to global climate change include: loss in snow pack; sea level rise; more extreme heat days per year; more high ozone days; more extreme forest fires; more severe droughts punctuated by extreme precipitation events; increased erosion of California's coastlines and sea water intrusion into the Sacramento and San Joaquin Deltas and associated levee systems; and increased pest infestation (OPR et al, 2018).[8] The Fourth Assessment's findings are consistent with climate change studies published by the California Natural Resources Agency (CNRA) since 2009, starting with the California Climate Adaptation Strategy[9] as a response to the Governor's Executive Order S-13-2008. In 2014, the CNRA rebranded the first update of the 2009 adaptation strategy as the Safeguarding California Plan.[10] The 2018 update to Safeguarding California identifies hundreds of ongoing actions and next steps state agencies are taking to safeguard Californians from climate impacts within a framework of 81 policy principles and recommendations.[11] In 2016, the CNRA released Safeguarding California: Implementation Action Plans in accordance with Executive Order B-30-15, identifying a lead agency to lead adaptation efforts in each sector. In accordance with the 2009 California Climate Adaptation Strategy, the CEC was directed to develop a website on climate change scenarios and impacts that would be beneficial for local decision makers. The website, known as Cal-Adapt, became operational in 2011.[12] The information provided on the Cal-Adapt website represents a projection of potential future climate scenarios comprised of local average values for temperature, sea level rise, snowpack and other data representative of a variety of models and scenarios, including potential social and economic factors. According to the Cal-Adapt website, the portion of the state in which the Project site is located could result in an average increase in temperature of approximately 4.2° to 6.9°F by 2070-2090, compared to the baseline 1961-1990 period. Below is a summary of some of the potential effects that could be experienced in California as a result of global warming and climate change.

Air Quality

Higher temperatures, conducive to air pollution formation, could worsen air quality in California. Climate change may increase the concentration of ground-level ozone, but the magnitude of the effect, and therefore, its indirect effects, are uncertain. If higher temperatures are accompanied by drier conditions, the potential for large wildfires could increase, which, in turn, would exacerbate

7 Anderegg, William R. L., J.W. Prall, J. Harold, S.H., Schneider, 2010. Expert Credibility in Climate Change, Proceedings of the National Academy of Sciences of the United States of America. 2010;107:12107-12109.

8 California Governor's Office of Planning and Research (OPR), Scripps Institution of Oceanography, CEC, California Public Utilities Commission. 2018. *Statewide Summary Report. California's Fourth Climate Change Assessment*. Publication number: SUMCCCA4-2018-013. Available at : http://www.climateassessment.ca.gov/state/docs/20190116-StatewideSummary.pdf. Accessed: March 11, 2019.

9 California Natural Resources Agency (CNRA), 2009. *2009 California Climate Adaptation Strategy*. Available: http://resources.ca.gov/climate/safeguarding. Accessed: March 10, 2019.

10 CNRA, 2014. *Safeguarding California: Reducing Climate Risk, an Update to the 2009 California Climate Adaptation Strategy*. Available: http://resources.ca.gov/climate/safeguarding/. Accessed: March 10, 2019.

11 CNRA, 2018. *Safeguarding California Plan: 2018 Update*. Available: http://resources.ca.gov/climate/safeguarding/. Accessed: March 10, 2019.

12 The Cal-Adapt website address is: http://cal-adapt.org. Accessed March 10, 2019.

air quality. Additionally, severe heat accompanied by drier conditions and poor air quality could increase the number of heat-related deaths, illnesses, and asthma attacks throughout the state.[13] However, if higher temperatures are accompanied by wetter, rather than drier conditions, the rains would temporarily clear the air of particulate pollution and reduce the incidence of large wildfires, thus ameliorating the pollution associated with wildfires.

Water Supply

There is a high degree of uncertainty with respect to the overall impact of global climate change on future water supplies in California. Studies indicate considerable variability in predicting precise impacts of climate change on California hydrology and water resources. Increasing uncertainty in the timing and intensity of precipitation will challenge the operational flexibility of California's water management systems. Warmer, wetter winters would increase the amount of runoff available for groundwater recharge; however, this additional runoff would occur at a time when some basins are either being recharged at their maximum capacity or are already full. Conversely, reductions in spring runoff and higher evapotranspiration because of higher temperatures could reduce the amount of water available for recharge.[14]

Hydrology and Sea Level Rise

As discussed above, climate changes could potentially affect: the amount of snowfall, rainfall and snow pack; the intensity and frequency of storms; flood hydrographs (flash floods, rain or snow events, coincidental high tide and high runoff events); sea level rise and coastal flooding; coastal erosion; and the potential for salt water intrusion. Sea level rise can be a product of global warming through two main processes: expansion of seawater as the oceans warm, and melting of ice over land. A rise in sea levels could result in coastal flooding and erosion and could jeopardize California's water supply. Increased storm intensity and frequency could affect the ability of flood-control facilities, including levees, to handle storm events.[15]

Agriculture

California has a massive agricultural industry that represents 11.3 percent of total U.S. agricultural revenue. Higher CO_2 levels can stimulate plant production and increase plant water-use efficiency. However, a changing climate presents significant risks to agriculture due to "potential changes to water quality and availability; changing precipitations patterns; extreme weather events including drought, severe storms, and floods; heat stress; decreased chill hours; shifts in pollinator lifecycles; increased risks from weeds, pest and disease; and disruptions to the transportation and energy infrastructure supporting agricultural production."[16]

13 California Environmental Protection Agency, 2013. *Preparing California for Extreme Heat: Guidance and Recommendations*. Available at: https://toolkit.climate.gov/reports/preparing-california-extreme-heat-guidance-and-recommendations. Accessed March 10, 2019.
14 CNRA, 2014. *Safeguarding California: Reducing Climate Risk, an Update to the 2009 California Climate Adaptation Strategy*. Available: http://resources.ca.gov/climate/safeguarding/. Accessed: March 10, 2019.
15 *Ibid.*
16 *Ibid.*

Ecosystems and Wildlife

Increases in global temperatures and the potential resulting changes in weather patterns could have ecological effects on a global and local scale. Increasing concentrations of GHGs are likely to accelerate the rate of climate change. Scientists expect that the average global surface temperature could rise by 2-11.5°F (1.1-6.4°C) by 2100, with significant regional variation.[17] Soil moisture is likely to decline in many regions, and intense rainstorms are likely to become more frequent. Sea level could rise as much as two feet along most of the United States coastline. With climate change, ecosystems and wildlife will be challenged by the spread of invasive species, barriers to species migration or movement in response to changing climatic conditions, direct impacts to species health, and mismatches in timing between seasonal life-cycle events such as species migration and food availability.[18]

17 National Research Council, 2010. *Advancing the Science of Climate Change*. Available at: http://dels.nas.edu/resources/static-assets/materials-based-on-reports/reports-in-brief/Science-Report-Brief-final.pdf. Accessed: March 11, 2019.

18 CNRA, 2014. *Safeguarding California: Reducing Climate Risk, an Update to the 2009 California Climate Adaptation Strategy*. Available: http://resources.ca.gov/climate/safeguarding/. Accessed: March 10, 2019.

Chapter 2
Applicable Regulations

2.1 Federal

U.S. Environmental Protection Agency "Endangerment" and "Cause or Contribute" Findings

The U.S. Supreme Court held that the United States Environmental Protection Agency (U.S. EPA) must consider regulation of motor vehicle GHG emissions. In *Massachusetts v. Environmental Protection Agency* et al., twelve states and cities, including California, together with several environmental organizations sued to require the U.S. EPA to regulate GHGs as pollutants under the CAA (127 S. Ct. 1438 (2007)). The Supreme Court ruled that GHGs fit within the CAA's definition of a pollutant and the U.S. EPA had the authority to regulate GHGs.

On December 7, 2009, the U.S. EPA Administrator signed two distinct findings regarding GHGs under Section 202(a) of the CAA:

- ***Endangerment Finding:*** The current and projected concentrations of the six key GHGs—CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6—in the atmosphere threaten the public health and welfare of current and future generations.

- ***Cause or Contribute Finding:*** The combined emissions of these GHGs from new motor vehicles and new motor vehicle engines contribute to the GHG pollution that threatens public health and welfare.

These findings did not, by themselves, impose any requirements on industry or other entities. However, these actions were a prerequisite for implementing GHG emissions standards for vehicles.

Mandatory Greenhouse Gas Reporting Rule

On September 22, 2009, the U.S. EPA released its final Greenhouse Gas Reporting Rule (Reporting Rule). The Reporting Rule is a response to the fiscal year (FY) 2008 Consolidated Appropriations Act (H.R. 2764; Public Law 110-161), that required the U.S. EPA to develop "…mandatory reporting of GHGs above appropriate thresholds in all sectors of the economy…." The Reporting Rule will apply to most entities that emit 25,000 metric tons of CO_2e or more per year. Starting in 2010, facility owners are required to submit an annual GHG emissions report with detailed calculations of facility GHG emissions. The Reporting Rule also mandates recordkeeping and administrative requirements in order for the U.S. EPA to verify annual GHG emissions reports.

Vehicle Emissions Standards

On May 19, 2009, the President announced a national policy for fuel efficiency and emissions standards in the United States auto industry. The adopted federal standard applies to passenger cars and light-duty trucks for model years 2012 through 2016. The rule surpasses the prior Corporate Average Fuel Economy standards and requires an average fuel economy standard of 35.5 miles per gallon (mpg) and 250 grams of CO_2 per mile by model year 2016, based on USEPA calculation methods. These standards were formally adopted on April 1, 2010.

In August 2012, standards were adopted for model year 2017 through 2025 for passenger cars and light-duty trucks. By 2025, vehicles are required to achieve 54.5 mpg (if GHG reductions are achieved exclusively through fuel economy improvements) and 163 grams of CO_2 per mile. According to the U.S. EPA, a model year 2025 vehicle would emit one-half of the GHG emissions from a model year 2010 vehicle.[19] Notably, the State of California harmonized its vehicle efficiency standards through 2025 with the federal standards at this time (see Advanced Clean Car initiative below).

In August 2018, the U.S. EPA and the National Highway Traffic Safety Administration (NHTSA) proposed maintaining the 2020 CAFE and CO_2 standards for model years 2021 through 2026. The estimated CAFE and CO_2 standards for model year 2020 are 43.7 mpg and 204 grams of CO_2 per mile for passenger cars and 31.3 mpg and 284 grams of CO_2 per mile for light trucks, projecting an overall industry average of 37 mpg, as compared to 46.7 mpg under the standards issued in 2012. A final rule is expected in 2019.

2.2 State of California

California has promulgated a series of executive orders, laws, and regulations aimed at reducing both the level of GHGs in the atmosphere and emissions of GHGs from commercial and private activities within the State. The major components of California's climate protection initiative are reviewed below.

California Environmental Quality Act and Senate Bill 97

Under CEQA lead agencies are required to disclose the reasonably foreseeable adverse environmental effects of projects they are considering for approval. GHG emissions have the potential to adversely affect the environment because they contribute to global climate change. In turn, global climate change has the potential to raise sea levels, alter rainfall and snowfall, and affect habitat.

Senate Bill (SB) 97, signed in August 2007, acknowledges that climate change is a prominent environmental issue requiring analysis under CEQA. This bill directed the Governor's Office of Planning and Research (OPR) to prepare, develop, and transmit to the California Natural Resources Agency guidelines for the feasible mitigation of GHG emissions or the effects of GHG emissions,

[19] US EPA, 2012. 2017 and Later Model Year Light-Duty Vehicle Greenhouse Gas Emissions and Corporate Average Fuel Economy Standards. Available at: https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-model-year-2017-and-later-light-duty-vehicle . Accessed: March 11, 2019.

as required by CEQA, no later than July 1, 2009. The California Natural Resources Agency was required to certify or adopt those guidelines by January 1, 2010. On December 30, 2009, the Natural Resources Agency adopted amendments to the State CEQA Guidelines, as required by SB 97.[20] These State CEQA Guidelines amendments provide guidance to public agencies regarding the analysis and mitigation of the effects of GHG emissions in draft CEQA documents. The amendments became effective March 18, 2010.

State CEQA Guidelines

The State CEQA Guidelines are embodied in the California Code of Regulations (CCR), Public Resources Code, Division 13, starting with Section 21000. State CEQA Guidelines section 15064.4 specifically addresses the significance of GHG emissions, requiring a lead agency to make a "good-faith effort" to "describe, calculate or estimate" GHG emissions in CEQA environmental documents. Section 15064.4 further states that the analysis of GHG impacts should include consideration of (1) the extent to which the project may increase or reduce GHG emissions, (2) whether the project emissions would exceed a locally applicable threshold of significance, and (3) the extent to which the project would comply with "regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of greenhouse gas emissions." The CEQA Guidelines also state that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project will comply with the requirements in a previously approved plan or mitigation program (including plans or regulations for the reduction of greenhouse gas emissions) that provides specific requirements that will avoid or substantially lessen the cumulative problem within the geographic area in which the project is located (State CEQA Guidelines section 15064(h)(3)).

The CEQA Guidelines do not require or recommend a specific analytical methodology or provide quantitative criteria for determining the significance of GHG emissions, nor do they set a numerical threshold of significance for GHG emissions. The 2009 amendments also include a new Subdivision 15064.7(c) which clarifies that in developing thresholds of significance, a lead agency may appropriately review thresholds developed by other public agencies, or recommended by other experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence.

The California Natural Resources Agency has also clarified that the amended CEQA Guidelines focus on the effects of GHG emissions as cumulative impacts, and that they should be analyzed in the context of CEQA's requirements for cumulative impact analysis (see Section 15064(h)(3)).[21]

CEQA Guidelines section 15126.4(c) includes the following direction on measures to mitigate GHG emissions, when such emissions are found to be significant:

> *Consistent with Section 15126.4(a), lead agencies shall consider feasible means, supported by substantial evidence and subject to monitoring or reporting, of*

[20] CNRA, 2009. CEQA Guidelines Amendments, sections 15064.4, 15183.5, 15364.5. Available: http://resources.ca.gov/ceqa/guidelines/documents_uploaded_during_the_rulemaking_process_for_sb_97.html. Accessed: May 7, 2019.

[21] CNRA, 2009. Final Statement of Reasons for Regulatory Action, December 2009, page 20-26. Available: http://resources.ca.gov/ceqa/docs/Final_Statement_of_Reasons.pdf. Accessed: March 15, 2019.

mitigating the significant effects of greenhouse gas emissions. Measures to mitigate the significant effects of greenhouse gas emissions may include, among others:

(1) Measures in an existing plan or mitigation program for the reduction of emissions that are required as part of the lead agency's decision;

(2) Reductions in emissions resulting from a project through implementation of project features, project design, or other measures;

(3) Off-site measures, including offsets that are not otherwise required, to mitigate a project's emissions;

(4) Measures that sequester greenhouse gases; and

(5) In the case of the adoption of a plan, such as a general plan, long range development plan, or plans for the reduction of greenhouse gas emissions, mitigation may include the identification of specific measures that may be implemented on a project-by project basis. Mitigation may also include the incorporation of specific measures or policies found in an adopted ordinance or regulation that reduces the cumulative effect of emissions.

California Greenhouse Gas Reduction Targets

Executive Order S-3-05

The Governor announced on June 1, 2005, through Executive Order S-3-05,[22] the following GHG emission reduction targets:

- By 2010, California shall reduce GHG emissions to 2000 levels;
- By 2020, California shall reduce GHG emissions to 1990 levels; and
- By 2050, California shall reduce GHG emissions to 80 percent below 1990 levels.

Executive Order B-30-15

On April 29, 2015, Governor Brown issued Executive Order B-30-15. Therein, the Governor directed the following:

- Established a new interim statewide reduction target to reduce GHG emissions to 40 percent below 1990 levels by 2030.
- Ordered all state agencies with jurisdiction over sources of GHG emissions to implement measures to achieve reductions of GHG emissions to meet the 2030 and 2050 reduction targets.
- Directed CARB to update the Climate Change Scoping Plan to express the 2030 target in terms of million metric tons of carbon dioxide equivalent.

[22] California Office of the Governor, 2005. Executive Order S-3-05. Available at: https://www.climatechange.ca.gov/state/executive_orders.html. Accessed March 4, 2019.

California Health and Safety Code, Division 25.5 – California Global Warming Solutions Act of 2006 (AB 32)

In 2006, the California State Legislature adopted Assembly Bill (AB) 32 (codified in the California Health and Safety Code [HSC], Division 25.5 – California Global Warming Solutions Act of 2006), which focuses on reducing GHG emissions in California to 1990 levels by 2020. HSC Division 25.5 defines GHGs as CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6 and represents the first enforceable statewide program to limit emissions of these GHGs from all major industries with penalties for noncompliance. The law further requires that reduction measures be technologically feasible and cost effective. Under HSC Division 25.5, CARB has the primary responsibility for reducing GHG emissions. CARB is required to adopt rules and regulations directing state actions that would achieve GHG emissions reductions equivalent to 1990 statewide levels by 2020.

A specific requirement of AB 32 was to prepare a Climate Change Scoping Plan for achieving the maximum technologically feasible and cost-effective GHG emission reduction by 2020. CARB developed and approved the initial Scoping Plan in 2008, outlining the regulations, market-based approaches, voluntary measures, policies, and other emission reduction programs that would be needed to meet the 2020 statewide GHG emission limit and initiate the transformations needed to achieve the State's long-range climate objectives.[23]

The First Update to the Scoping Plan was approved by CARB in May 2014 and built upon the initial Scoping Plan with new strategies and recommendations. In 2014, CARB revised the target using the GWP values from the IPCC AR4 and determined that the 1990 GHG emissions inventory and 2020 GHG emissions limit is 431 MMTCO2e. CARB also updated the State's BAU 2020 emissions estimate to account for the effect of the 2007–2009 economic recession, new estimates for future fuel and energy demand, and the reductions required by regulation that were adopted for motor vehicles and renewable energy.[24]

Senate Bill 32

In 2016, Senate Bill (SB) 32 and its companion bill AB 197, amended HSC Division 25.5 and established a new climate pollution reduction target of 40 percent below 1990 levels by 2030, while including provisions to ensure the benefits of state climate policies reach into disadvantaged communities.

2017 Climate Change Scoping Plan Update

In response to SB 32 and the 2030 GHG reduction target, CARB approved the 2017 Climate Change Scoping Plan Update (2017 Scoping Plan Update) in December 2017.[25] The 2017 Scoping Plan Update outlines the proposed framework of action for achieving the 2030 GHG target of 40 percent reduction in GHG emissions relative to 1990 levels (CARB, 2017). The 2017 Scoping Plan

23 CARB, 2008. *Climate Change Scoping Plan*. Available: https://www.arb.ca.gov/cc/scopingplan/document/scopingplandocument.htm. Accessed March 4, 2019.

24 CARB, 2014. *First Update to the Climate Change Scoping Plan*. Available: https://www.arb.ca.gov/cc/scopingplan/document/updatedscopingplan2013.htm. Accessed: March 4, 2019.

25 CARB, 2017. *California's 2017 Climate Change Scoping Plan.* Available at: https://www.arb.ca.gov/cc/scopingplan/scopingplan.htm. Accessed March 4, 2019.

Update identifies key sectors of the State's implementation strategy, which includes improvements in low carbon energy, industry, transportation sustainability, natural and working lands, waste management, and water. Through a combination of data synthesis and modeling, CARB determined that the target Statewide 2030 emissions limit is 260 MMTCO2e, and that further commitments will need to be made to achieve an additional reduction of 50 MMTCO2e beyond current policies and programs. The cornerstone of the 2017 Scoping Plan Update is an expansion of the Cap-and-Trade program to meet the aggressive 2030 GHG emissions goal and ensure achievement of the 2030 limit set forth by E.O. B-30-15.

The 2017 Scoping Plan Update's strategy for meeting the State's 2030 GHG target incorporates the full range of legislative actions and state-developed plans that have relevance to the year 2030. These include:

- Extending the low carbon fuel standard (LCFS) beyond 2020 and increasing the carbon intensity reduction requirement to 18 percent by 2030;
- SB 350, which increase renewables portfolio standard (RPS) to 50 percent and requires a doubling of energy efficiency for existing buildings by 2030;
- The 2016 Mobile Source Strategy is estimated to reduce emissions from mobile sources including an 80 percent reduction in smog-forming emissions and a 45 percent reduction in diesel particulate matter from 2016 level in the South Coast Air Basin, a 45 percent reduction in GHG emissions, and a 50 percent reduction in the consumption of petroleum-based fuels;
- The Sustainable Freight Action Plan to improve freight efficiency and transition to zero emission freight handling technologies (described in more detail below);
- SB 1383, which requires a 50 percent reduction in anthropogenic black carbon and a 40 percent reduction in hydrofluorocarbon and methane emissions below 2013 levels by 2030; and
- Assembly Bill 398, which extends the state Cap-and-Trade Program through 2030.

In the 2017 Scoping Plan Update, CARB recommends statewide targets of no more than six metric tons CO2e per capita by 2030 and no more than two metric tons CO2e per capita by 2050. CARB acknowledges that since the statewide per capita targets are based on the statewide GHG emissions inventory that includes all emissions sectors in the State, it is appropriate for local jurisdictions to derive evidence-based local per-capita goals based on local emissions sectors and growth projections. To demonstrate how a local jurisdiction can achieve their long-term GHG goals at the community plan level, CARB recommends developing a geographically-specific GHG reduction plan (i.e., climate action plan) consistent with the requirements of CEQA Section 15183.5(b). A so-called "CEQA-qualified" GHG reduction plan, once adopted, can provide local governments with a streamlining tool for project-level environmental review of GHG emissions, provided there are adequate performance metrics for determining project consistency with the plan. [26]

[26] CARB, 2017. *California's 2017 Climate Change Scoping Plan*. Available: www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf. Accessed March 9, 2019. At page 101.

Cap-and-Trade Program

Initially, authorized by the California Global Warming Solutions Act of 2006 (AB 32), and extended through the year 2030 with the passage of Assembly Bill 398 (2017), the California Cap-and-Trade Program is a core strategy that the state is using to meet its GHG reduction targets for 2020 and 2030, and ultimately achieve an 80 percent reduction from 1990 levels by 2050. CARB has designed and adopted a California Cap-and-Trade Program to reduce GHG emissions from major sources (deemed "covered entities") by setting a firm cap on statewide GHG emissions and employing market mechanisms to achieve reductions.[27] Under the Cap-and-Trade program, an overall limit is established for GHG emissions from capped sectors (e.g., electricity generation, petroleum refining, cement production, and large industrial facilities that emit more than 25,000 metric tons CO_2e per year) and declines over time, and facilities subject to the cap can trade permits to emit GHGs. The statewide cap for GHG emissions from the capped sectors commenced in 2013 and declines over time, achieving GHG emission reductions throughout the Program's duration.[28]

If California's direct regulatory measures reduce GHG emissions more than expected, then the Cap-and-Trade Program will be responsible for relatively fewer emissions reductions. If California's direct regulatory measures reduce GHG emissions less than expected, then the Cap-and-Trade Program will be responsible for relatively more emissions reductions. In other words, the Cap-and-Trade Program functions similarly to an insurance policy for meeting California's 2020 and 2030 GHG emissions reduction mandates.

Transportation Sector

Assembly Bill 1493

In 2002, then-Governor Gray Davis signed Assembly Bill (AB) 1493, which required the CARB to develop and adopt, by January 1, 2005, regulations that achieve "the maximum feasible reduction of GHGs emitted by passenger vehicles and light-duty trucks and other vehicles determined by the CARB to be vehicles whose primary use is noncommercial personal transportation in the state."

To meet the requirements of AB 1493, the CARB approved amendments to the California Code of Regulations (CCR) in 2004, requiring automobile manufacturers to meet fleet-average GHG emissions limits for all passenger cars, light-duty trucks within various weight criteria, and medium-duty passenger vehicle weight classes (i.e., any medium-duty vehicle with a gross vehicle weight [GVW] rating of less than 10,000 pounds and that is designed primarily for the transportation of persons), beginning with model year 2009. For passenger cars and light-duty trucks with a loaded vehicle weight (LVW) of 3,750 pounds or less, the GHG emission limits for model year 2016 are approximately 37 percent lower than the limits for the first year of the regulations, model year 2009. For light-duty trucks with an LVW of 3,751 pounds to a GVW of 8,500 pounds, as well as for medium-duty passenger vehicles, GHG emissions will be reduced approximately 24 percent between 2009 and 2016.

[27] 17 CCR §§ 95800 to 96023.
[28] See generally 17 CCR §§ 95811, 95812.

Because the Pavley standards (named for the bill's author, state Senator Fran Pavley) would impose stricter standards than those under the CAA, California applied to the U.S. EPA for a waiver under the CAA; this waiver was initially denied in 2008. In 2009, however, the U.S. EPA granted the waiver.

As discussed previously, the federal government adopted standards for model year 2012 through 2016 light-duty vehicles. In addition, the USEPA and USDOT have adopted GHG emission standards for model year 2017 through 2025 vehicles. These standards are slightly different from the State's standards (described in the Advanced Clean Car Program), but the State of California has agreed not to contest them, in part due to the fact that while the national standard would achieve slightly less reductions in California, it would achieve greater reductions nationally and is stringent enough to meet state GHG emission reduction goals.

Advanced Clean Car Program

In 2012, CARB approved the Pavley II (LEV III) Advanced Clean Cars program, an emissions-control scheme for model years 2015 through 2025 that allows manufacturers to comply with the 2017 through 2025 national standards while meeting meet state law. The program includes components to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars. The zero emissions vehicle (ZEV) program will act as the focused technology of the Advanced Clean Cars program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid electric vehicles (PHEV) in the 2018 to 2025 model years.[29]

Mobile Source Strategy

In May 2016, CARB released the updated Mobile Source Strategy that demonstrates how the State can simultaneously meet air quality standards, achieve GHG emission reduction targets, decrease health risk from transportation emissions, and reduce petroleum consumption over the next fifteen years. The strategy promotes a transition to zero-emission and low-emission vehicles, cleaner transit systems and reduction of VMTs. The Mobile Source Strategy calls for 1.5 million ZEVs (including plug-in hybrid electric, battery-electric, and hydrogen fuel cell vehicles) by 2025 and 4.2 million ZEVs by 2030. It also calls for more stringent GHG requirements for light-duty vehicles beyond 2025 as well as GHG reductions from medium-duty and heavy-duty vehicles and increased deployment of zero-emission trucks primarily for class 3 – 7 "last mile" delivery trucks in California. Statewide, the Mobile Source Strategy would result in a 45 percent reduction in GHG emissions, and a 50 percent reduction in the consumption of petroleum-based fuels.[30]

Tractor-Trailer Greenhouse Gas Regulation

CARB approved the Tractor-Trailer Greenhouse Gas regulation to reduce GHG emissions produced by certain heavy-duty tractor-trailers. The tractors and trailers subject to this regulation

[29] CARB, 2017. *California's 2017 Climate Change Scoping Plan*. Available: www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf. Accessed March 10, 2019.

[30] CARB, 2016. *Mobile Source Strategy*. Available: https://www.arb.ca.gov/planning/sip/2016sip/2016mobsrc.htm. Accessed March 10, 2019.

must either use U.S. EPA "SmartWay" certified tractors and trailers, or be retrofitted with SmartWay verified technologies.

The reduction in GHG emissions will be achieved by requiring the use of aerodynamic tractors and trailers that are also equipped with low rolling resistance tires. The regulation applies primarily to owners of 53-foot or longer box-type trailers, including both dry-van and refrigerated-van trailers, and owners of the heavy-duty tractors that pull them on California highways. These owners are responsible for replacing or retrofitting their affected vehicles with compliant aerodynamic technologies and low rolling resistance tires. All owners, regardless of where their vehicles are registered, must comply with the regulation when they operate their affected vehicles on California highways. Drayage tractors and trailers that operate within a 100-mile radius of a port or intermodal rail yard are exempt.

California Sustainable Freight Action Plan (2016)

California Sustainable Freight Action Plan includes strategies to improve freight efficiency and transition to zero emission freight handling technologies. It includes goals to achieve 25 percent improvement of freight system efficiency by 2030, and to deploy over 100,000 freight vehicles and equipment capable of zero emission operation, and maximize near-zero emission freight vehicles and equipment powered by renewable energy by 2030.[31]

CARB Advanced Clean Local Truck Rule

The goal with the Advanced Clean Local Truck Rule is to accelerate the early market adoption of zero emission trucks that are usually centrally fueled, have duty cycles with low average speed and stop-and-go operation. The rule focuses on urban, mostly vocational trucks, but includes class 7-8 urban goods movement trucks as well. The proposed regulatory schedule begins with the 2023 vehicle model year with early action credits given for pre- 2023 vehicle models. The regulation is scheduled for CARB board consideration in November 2018.

Low Carbon Fuel Standard (LCFS)

In January 2007, Governor Brown enacted Executive Order S-01-07, which mandates the following: (1) establish a statewide goal to reduce the carbon intensity of California's transportation fuels by at least 10 percent by 2020; and (2) adopt a Low Carbon Fuel Standard (LCFS) for transportation fuels in California. The overall goal of the low carbon fuel standard is to lower the carbon intensity of California transportation fuel. With adoption of the 2017 Scoping Plan Update, the standard has been changed to a reduction in fuel carbon intensity of at least 18 percent by 2030.

Land Use Transportation Planning

SB 375 (Chapter 728, Statutes of 2008), which establishes mechanisms for the development of regional targets for reducing passenger vehicle greenhouse gas emissions, was adopted by the State on September 30, 2008. Under SB 375, CARB is required, in consultation with the state's

[31] CalTrans, 2016. *Sustainable Freight Action Plan*. Available: http://dot.ca.gov/hq/tpp/offices/ogm/cs_freight_action_plan/theplan.html. Accessed: March 10, 2019.

Metropolitan Planning Organizations (MPOs), to set regional GHG reduction targets for the passenger vehicle and light-duty truck sector for 2020 and 2035.[32]

Under SB 375, the regional reduction target must be incorporated within that region's Regional Transportation Plan (RTP), which is used for long-term transportation planning, in a Sustainable Communities Strategy (SCS). Certain transportation planning and programming activities need to be consistent with the SCS; however, SB 375 expressly provides that the SCS does not regulate the use of land, and further provides that local land use plans and policies (e.g., general plan) are not required to be consistent with either the RTP or SCS.

In February 2011, CARB adopted the final GHG emissions reduction targets for the Metropolitan Transportation Commission/Association of Bay Area Governments (MTC/ABAG), which is the MPO for the region in which the City is located. In March 2018, the CARB updated the SB 375 targets for ABAG to require an 10 percent reduction by 2020 and a 19 percent reduction by 2035 in per capita passenger vehicle GHG emissions (CARB, 2018).[33]

Energy Sector

SB 97, enacted in 2007, directed OPR to develop California Environmental Quality Act (CEQA) Guidelines (*CEQA Guidelines*) "for the mitigation of GHG emissions or the effects of GHG emissions." In December 2009, OPR adopted amendments to the *CEQA Guidelines*, Appendix G Environmental Checklist, which created a new resource section for GHG emissions and indicated criteria that may be used to establish significance of GHG emissions. Appendix F of the *CEQA Guidelines* states that, in order to ensure that energy implications are considered in project decisions, the potential energy implications of a project shall be considered in an EIR, to the extent relevant and applicable to the project. Appendix F of the *CEQA Guidelines* further states that a project's energy consumption and proposed conservation measures may be addressed, as relevant and applicable, in the Project Description, Environmental Setting, and Impact Analysis portions of technical sections, as well as through mitigation measures and alternatives. In accordance with Appendix F of the CEQA Guidelines, relevant information that addresses the energy implications of the Project is provided in *Section 3.5 Energy Demand and Conservation*.

Title 24 Building Energy Efficiency Standards

Part 11 of the Title 24 Building Energy Efficiency Standards is referred to as the California Green Building Standards (CALGreen) Code. CALGreen is intended to encourage more sustainable and environmentally friendly building practices, require low-pollution emitting substances that cause less harm to the environment, conserve natural resources, and promote the use of energy-efficient materials and equipment. Since 2011, the CALGreen Code is mandatory for all new residential and non-residential buildings constructed in the state. Such mandatory measures include energy efficiency, water conservation, material conservation, planning and design and overall environmental quality. The CALGreen Code was most recently updated in 2016 to include new

[32] CARB, Sustainable Communities. Available: https://www.arb.ca.gov/cc/sb375/sb375-rd.htm. Accessed March 10, 2019.

[33] California Air Resources Board, 2019. *2017 Scoping Plan-Identified VMT Reductions and Relationship To State Climate Goals*, Available at https://ww2.arb.ca.gov/sites/default/files/2019-01/2017_sp_vmt_reductions_jan19.pdf. Accessed May 8, 2019.

mandatory measures for residential and nonresidential uses; the new measures took effect on January 1, 2017.[34]

The CEC first adopted Energy Efficiency Standards for Residential and Nonresidential Buildings (CCR, Title 24, Part 6) in 1978 in response to a legislative mandate to reduce energy consumption in the state. Although not originally intended to reduce GHG emissions, increased energy efficiency and reduced consumption of electricity, natural gas, and other fuels would result in fewer GHG emissions from residential and nonresidential buildings subject to the standard. The standards are updated periodically (typically every three years) to allow for the consideration and inclusion of new energy efficiency technologies and methods.[35]

The current Title 24, Part 6 standards (2016) were made effective on January 1, 2017. The next update to the Title 24 energy efficiency standards (2019 standards) go into effect on January 1st, 2020.

Renewables Portfolio Standard

SB 1078 established the Renewables Portfolio Standard (RPS) in 2002, which requires retail sellers of electricity, including investor-owned utilities and community choice aggregators, to provide at least 20 percent of their supply from eligible renewable sources by 2017. SB 107 changed the target date to 2010. In November 2008, Executive Order S-14-08 expanded the state's RPS goal to 33 percent renewable power by 2020. In September 2009, Executive Order S-21-09 directed CARB (under its AB 32 authority) to enact regulations to help the state meet the 2020 goal of 33 percent renewable energy. The 33 percent by 2020 RPS goal was codified in April 2011 with Senate Bill X1-2. This new RPS applies to all electricity retailers in the state, including publicly owned utilities (POUs), investor-owned utilities, electricity service providers, and community choice aggregators. Senate Bill 350 was signed in October 2015, which requires retail sellers and publicly owned utilities to procure 50 percent of their electricity from eligible renewable energy resources by 2030. Most recently, Senate Bill 100, signed by Governor Brown on September 10, 2018, increases the RPS requirement to 60 percent eligible renewables by 2030 and 100 percent by 2045.

2.3 Regional

Bay Area Air Quality Management District

BAAQMD is the regional government agency that regulates sources of air pollution within the nine San Francisco Bay Area counties. The BAAQMD regulates GHG emissions through the following plans, programs, and guidelines.

[34] California Building Standards Commission (CBSC), 2016. 2016 California Green Building Standards Code (Part 11 of Title 24). Available at https://www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commission-Resources-List-Folder/CALGreen. Accessed March 11, 2019.

[35] California Energy Commission (CEC), 2016. California's 2016 Building Energy Efficiency Standards for Residential and Nonresidential Buildings. Available at http://www.energy.ca.gov/2015publications/CEC-400-2015-037/CEC-400-2015-037-CMF.pdf. Accessed March 5, 2019.

Clean Air Plan

BAAQMD and other air districts prepare clean air plans in accordance with the State and federal Clean Air Acts. On April 19, 2017, the BAAQMD Board of Directors adopted the 2017 Clean Air Plan *Spare the Air, Cool the Climate,* an update to the 2010 Clean Air Plan. The Clean Air Plan is a comprehensive plan that focuses on the closely-related goals of protecting public health and protecting the climate. Consistent with the state's GHG reduction targets, the plan lays the groundwork for a long-term effort to reduce Bay area GHG emissions 40 percent below 1990 levels by 2030 and 80 percent below 1990 levels by 2050.

BAAQMD Climate Protection Program

BAAQMD established a climate protection program to reduce pollutants that contribute to global climate change and affect air quality in the San Francisco Bay Area Air Basin. The climate protection program includes measures that promote energy efficiency, reduce vehicle miles traveled, and develop alternative sources of energy, all of which assist in reducing emissions of GHG and in reducing air pollutants that affect the health of residents. BAAQMD also seeks to support current climate protection programs in the region and to stimulate additional efforts through public education and outreach, technical assistance to local governments and other interested parties, and promotion of collaborative efforts among stakeholders.

BAAQMD CEQA Air Quality Guidelines

BAAQMD CEQA Air Quality Guidelines were prepared to assist in the evaluation of air quality impacts of projects and plans proposed within the Bay Area. The guidelines provide recommended procedures for evaluating potential air impacts during the environmental review process, consistent with CEQA requirements, and include recommended thresholds of significance, mitigation measures, and background air quality information. The guidelines also include recommended assessment methodologies for air toxics, odors, and greenhouse gas emissions. In June 2010, the BAAQMD's Board of Directors adopted CEQA thresholds of significance and an update of the CEQA Guidelines, which included significance threshold for GHG emissions based on the emission reduction goals for 2020 articulated by the State Legislature in AB 32. The first threshold, 1,100 MT CO2e per year, is a numeric emissions level below which a project's contribution to global climate change would be less than cumulatively considerable. For larger and mixed-use projects, the Guidelines state that emissions would be less than cumulatively significant if the project as a whole would result in an efficiency of 4.6 MT CO2e per service population or better.[36]

On March 5, 2012, the Alameda County Superior Court issued a judgment finding that the BAAQMD had failed to comply with CEQA when it adopted the thresholds of significance in the BAAQMD CEQA Air Quality Guidelines. That decision was appealed to the Court of Appeal and one of the issues in the case has been decided by the California Supreme Court. The Supreme Court found that CEQA does not require an analysis of how existing environmental conditions will impact future residents or users of a proposed project, and remanded the case down for the lower court to decide remaining issues. Following the Superior Court order, the BAAQMD released revised

[36] Bay Area Air Quality Management District, 2010. *CEQA Air Quality Guidelines*. Available: http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/draft_baaqmd_ceqa_guidelines_may_2010_final.pdf?la=en. Accessed: May 7, 2019.

CEQA Air Quality Guidelines in May of 2012 that include guidance on calculating air pollution emissions, obtaining information regarding the health impacts of air pollutants, and identifying potential mitigation measures, and which set aside the significance thresholds. There was no challenge to BAAQMD's 2010 greenhouse gas thresholds or the substantial evidence supporting those thresholds.[37] In May 2017, the Air District published a new version of the Guidelines, which included no changes to the greenhouse gas thresholds.[38]

Under BAAQMD's Air Quality Guidelines, a local government may prepare a qualified GHG Reduction Strategy that is consistent with AB 32 goals. If a project is consistent with an adopted qualified GHG Reduction Strategy and General Plan that addresses the project's GHG emissions, it can be presumed that the project will not have significant GHG emissions under CEQA. The City of Pleasanton's CAP is considered a qualified GHG Reduction Strategy for achieving the AB 32 target of 1990 emissions by the year 2020.

Metropolitan Transportation Commission/Association of Bay Area Governments Sustainable Communities Strategy.

MTC is the federally recognized metropolitan planning organization (MPO) for the nine county Bay Area, which includes Alameda County and the City of Oakland. On July 18, 2013, the Plan Bay Area was jointly approved by ABAG's Executive Board and by MTC. The Plan includes the region's Sustainable Communities Strategy, as required under SB 375, and the 2040 Regional Transportation Plan. The Sustainable Communities Strategy lays out how the region will meet GHG reduction targets set by CARB.[39] CARB's current targets call for the region to reduce per capita vehicular GHG emissions 10 percent by 2020 and 19 percent by 2035 from a 2005 baseline.[40] A central greenhouse gas reduction strategy of Plan Bay Area is the concentration of future growth within Priority Development Areas (PDAs) and Transit Priority Areas (TPAs). To be eligible for PDA designation, an area must be within an existing community, near existing or planned fixed transit or served by comparable bus service, and planned for more housing. SB 375 defines TPA-eligible areas as places within one-half mile of a major transit stop or a high-quality transit corridor. The Project site is not located within a PDA. By virtue of its proximity to the West Dublin/Pleasanton BART station, the northwestern portion of the Project site is located within a TPA. However, the Project site is not within an area covered by a specific plan and therefore does not quality for CEQA streamlining for projects under SB 743.

On July 26, 2017, MTC adopted Plan Bay Area 2040, a focused update that builds upon the growth pattern and strategies developed in the original Plan Bay Area but with updated planning

[37] Bay Area Air Quality Management District (BAAQMD), 2012. *BAAQMD CEQA Air Quality Guidelines Final*, May 2012. Available: http://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/updated-ceqa-guidelines. Accessed March 6, 2019.

[38] Bay Area Air Quality Management District (BAAQMD), 2017. Clean Air Plan. Adopted April 19, 2017. Available: http://www.baaqmd.gov/plans-and-climate/air-quality-plans/current-plans. Accessed March 6, 2019.

[39] Association of Bay Area Governments and Metropolitan Transportation Commission, 2013. Plan Bay Area 2040. Adopted July 18, 2013. Available: http://files.mtc.ca.gov/pdf/Plan_Bay_Area_FINAL/Plan_Bay_Area.pdf. Accessed March 14, 2019.

[40] California Air Resources Board, 2018. SB 375 Regional Greenhouse Gas Emissions Reduction Targets. Available: https://www.arb.ca.gov/cc/sb375/finaltargets2018.pdf. Accessed March 11, 2019.

assumptions that incorporate key economic, demographic and financial trends since the original plan was adopted.[41]

2.4 City of Pleasanton

City of Pleasanton General Plan

The City of Pleasanton General Plan includes the policies related to improving air quality and climate change impacts in its Air Quality and Climate Change Element. The same policies listed in the Section 3.2.3 of the Air Quality Section would also be relevant to reducing GHG emissions.

City of Pleasanton Climate Action Plan

The Pleasanton Climate Action Plan (CAP) includes a citywide GHG emissions inventory. This citywide GHG emissions inventory reflects all the energy used and waste produced within the Pleasanton city limits. As shown in **Table 2**, energy consumers in Pleasanton emitted approximately 770,844 million metric tons of CO_2e in 2005 from all major sources, more than half of which were from transportation sources.

TABLE 2
PLEASANTON COMMUNITY-WIDE GHG EMISSIONS BY SECTOR (MT CO2E) 2005

GHG Emissions Source	Metric Tons of Carbon Dioxide Equivalent (CO2e)	Percent of Total
Transportation (on-road)	401,550	52.1%
Transportation (off-road)	25,410	3.3%
Commercial/Industrial Electricity	105,107	13.6%
Commercial/Industrial Natural Gas	46,753	6.1%
Residential Natural Gas	66,684	8.7%
Residential Electricity	46,881	6.1%
Solid Waste Disposal	38,826	5.0%
Water and Wastewater Systems	34,264	4.4%
Municipal Operations	5,370	0.7%
Total	**770,844**	**100%**

SOURCE: City of Pleasanton, 2012

As described in the CAP, the City has a target to reduce emissions levels 15 percent below the 2005 baseline by the year 2020, which equates to 655,218 MT CO_2e per year for community emissions. This value represents 115,626 MT CO_2e below the baseline, and 306,331 MT CO_2e below the projected 2020 business-as-usual emissions scenario (a reduction of approximately 32 percent).

Several high-impact state-wide measures included in the State's AB 32 Scoping Plan are expected to provide significant emissions reduction benefits for the City of Pleasanton, including the Low Carbon Fuel Standard (LCFS), the Pavley Bill for reducing passenger vehicle emissions (Assembly Bill 1493), and the Renewable Portfolio Standard. Two additional state-wide measures in the AB

[41] Association of Bay Area Governments and Metropolitan Transportation Commission, 2017. Plan Bay Area 2040. Adopted July 26, 2017. Available: https://www.planbayarea.org/. Accessed March 6, 2019.

32 Scoping Plan are expected to reduce emissions from passenger vehicles and heavy/medium-duty trucks because of efficiencies gains realized by manufacturers.

After crediting emissions reductions of 194,017 MT CO_2e from the expected impact of state-wide measures included in the AB 32 Scoping Plan, and the projected impact of rising fuel prices on driving behavior, as described in the CAP, Pleasanton's projected city-wide GHG emissions would be 93,585 MT CO_2e per year above the AB 32 target by 2020. As summarized in **Table 3** below, implementation of the measures set forth in the CAP are expected to reduce city-wide emissions by 101,649 MT CO_2e per year by 2020. This would reduce city-wide emissions approximately 8,064 MT CO_2e below the AB 32 target.

TABLE 3
PROJECTED EMISSIONS REDUCTIONS FROM PLEASANTON CLIMATE ACTION PLAN STRATEGIES

	Strategy	Annual GHG Reduction Potential (MT CO_2e)
SW2	Increase recycling, organics diversion, and waste reduction associated with the entire community	29,605
EC2	Leverage outside programs to increase energy efficiency	17,394
EC4	Develop programs to increase energy efficiency	9,342
EC3	Establish and promote financing and financial incentive programs to support energy efficiency	7,416
LU1	Support infill and higher density development	6,898
TDM2	Promote alternatives to work and school commutes	6,558
LU2	Support mixed-use infill and new development near local-serving commercial areas	5,845
EC1	Use city codes, ordinances, and permitting to enhance green building and energy efficiency	3,773
TDM1	Use parking pricing/policy to discourage SOV travel	3,174
ER1	Implement local ordinances and permitting processes to support renewable energy	2,389
TR1	Improve transit system and ridership	2,377
LU3	Improve transportation efficiency through design improvements	2,202
ER2	Develop programs to promote on-site renewable energy to the community	1,519
NM1	Create and maintain a safe, convenient, and effective system for pedestrians and bicyclists	1,280
EG1	Promote green building and energy efficient development for government operations and city infrastructure	1,194
VE2	Develop a city fleet replacement program	312
WA1	Conserve community water through building and landscape design and improvements	272
WA3	Increase or establish use of reclaimed/grey water systems	98
WA2	Conserve municipal operations water	1
	Total	**101,649**

NOTE: This table is from the Table 3-2 of the CAP. See Chapter 3 of the CAP for a full and detailed description of each of these strategies, and Appendix E for detailed information on methods and assumptions used to quantify emissions reductions. See Appendix F for Baseline and Future Year VMT Estimates, and VMT reduction associated with CAP implementation.

Thus, as the result of implementing the CAP, the City would achieve consistency with the provisions of AB 32 as interpreted by the BAAQMD by meeting the community-wide emissions

reduction target of 15 percent below the City's 2005 baseline by the year 2020. The CAP relies on reductions from sectors such as energy conservation, and reductions associated with changes in personal behavior. The City will monitor progress toward achieving the 2020 emissions reduction target with regular updates of the community-wide inventory, and review of programs described in the CAP.

Chapter 3
GHG Quantification Methodology

The evaluation of potential impacts to GHG emissions that may result from the construction and long-term operations of the Project is conducted as follows. Detailed modeling calculations and supporting files are provided in **Appendix A** of this Technical Report.

3.1 Greenhouse Gas Emissions Estimates

This section relies on calculation guidance from state and regional agencies with scientific expertise in quantifying GHG emissions, such as CARB and the BAAQMD. GHG emissions from the projects construction and operation are estimated using the California Emissions Estimator Model (CalEEMod) version 2016.3.2, which is a statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and GHG emissions from a variety of land use projects. CalEEMod was developed in collaboration with the air districts of California. Regional data (e.g., emission factors, trip lengths, meteorology, source inventory, etc.) have been provided by the various California air districts to account for local requirements and conditions. The model is considered to be an accurate and comprehensive tool for quantifying air quality and GHG impacts from land use projects throughout California.[42]

Construction Emissions

Construction of the proposed Project has the potential to generate GHG emissions through the use of heavy-duty construction equipment and through vehicle trips generated from construction workers traveling to and from the Project site. Construction emissions can vary from day to day, depending on the level of activity, the specific type of operation, and the prevailing weather conditions. The number and types of construction equipment, vendor trips (e.g., transport of building materials), and worker trips were based on the same assumptions used in the Air Quality Analysis and Health Risk Assessment (HRA) analyses prepared for the Project.

Operational Emissions

This analysis used CalEEMod version 2016.3.2 to estimate operational GHG emissions associated with project trips (light-duty vehicles), energy consumption (electricity and natural gas), solid waste, water and wastewater, and landscaping equipment. Additional operational GHG emission calculations were prepared outside of CalEEMod, including those for emergency generators, heavy duty delivery trucks, and transportation refrigeration units (TRU). Detailed calculations are

[42] See: http://www.aqmd.gov/caleemod/.

presented in Appendix A. The primary assumptions used to model operational GHG emissions are presented below.

Area Sources

Area sources of GHG emissions resulting from the operation of Project include equipment used to maintain landscaping. The combustion of fossil fuels to operate these equipment results in GHG emissions of CO_2 and smaller amounts of CH_4 and N_2O.

The emissions of GHGs associated with operational area sources under the Project are calculated using CalEEMod. The emissions for landscaping equipment are based on the size of the commercial land uses, the GHG emission factors for fuel combustion, and the GWP values for the GHGs emitted.

Energy Use

With regard to energy usage, the consumption of fossil fuels to generate electricity and to provide heating and hot water generates GHG emissions. Future fuel consumption rates are estimated based on specific square footage of the commercial land uses, as well as predicted water supply needs of the Project. Energy usage (off-site electricity generation and on-site natural gas consumption) for the Project is calculated within CalEEMod using the CEC's *California Commercial End Use Survey* (CEUS) data set, which provides energy demand by building type and climate zone.[43] This data set provides energy intensities of different land uses throughout the state and different climate zones. Default CalEEMod energy usage rates were adjusted to reflect the 2019 Title 24 Building Energy Efficiency Standards.

Electricity

The generation of electricity in California is achieved through the combustion of fossil fuels, primarily natural gas, using steam boilers, internal combustion engines, and combustion turbines. A portion of the electricity in California is imported from outside the state and is derived from the combustion of coal and other non-gaseous fossil fuels. The combustion of fossil fuels to produce electricity results in GHG emissions of CO_2 and smaller amounts of CH_4 and N_2O. The electricity generation occurs off-site; therefore, electricity use results in GHG emissions that are considered to be indirect.

Emissions of GHGs associated with operation of the Project's proposed uses are based on the size of the commercial land uses, the electrical demand factors for the land uses, the GHG emission factors for the electricity utility provider, and the GWP values for the GHGs emitted. Based on information provided by the City, the Costco store would consume approximately four million kilowatt-hours annually, therefore, the Costco's GHG emissions were based on this value.

Pacific Gas and Electric Company (PG&E) provides electric service to the Project site. Emission factors for CO_2 due to electrical generation to serve the electrical demands of the Project were obtained from The Climate Registry. The PG&E CO_2 emission factor for 2016 is provided below.

43 California Energy Commission, 2007. California Commercial End-Use Survey, http://capabilities.itron.com/CeusWeb/Chart.aspx. Accessed January 2018.

The rates for CH_4 and N_2O are CalEEMod default values. he factors listed below were applied in estimating project emissions for the Project's Phase 1 operations in 2021.

- CO_2: 294 lbs/MWh[44]
- CH_4: 0.029 lbs/MWh
- N_2O: 0.006 lbs/MWh

PG&E currently provides 33 percent of electricity via renewable sources[45] but would provide an increasing percentage from renewable sources in compliance with the RPS with 50 percent by 2025, 60 percent by 2030, and 100 percent by 2045. As a result, it is likely that the future year electricity GHG emissions would decline. Although PG&E would be required to provided 60 percent of electricity via renewable sources by 2030, there is uncertainty in the power mix distribution of the remaining 40 percent of energy sources such as natural gas, large hydroelectric, and unspecified sources. Using PG&E's power mix data from years 2012 to 2017, a 2030 CO_2 emissions factor was derived to be 276 lbs/MWh (for calculation details see Appendix A). This CO_2 factor was used in the analysis for operational GHG emissions from Full Buildout of the Project in 2031. CH_4 and N_2O emission factors for the Project's Full Buildout would remain based on CalEEMod default values. Electricity GHG emission factors for Full Buildout of the Project are provided below.

- CO_2: 276 lbs/MWh[46]
- CH_4: 0.029 lbs/MWh
- N_2O: 0.006 lbs/MWh

Natural Gas

Natural gas-related emissions of GHGs associated with operation of the Project are based on the size of the Project's proposed uses, the natural gas demand factors for the land uses, the default GHG emission factors for the natural gas combustion in CalEEMod, and the GWP values for the GHGs emitted.

Mobile Sources

Non-Delivery Vehicles

Mobile source emissions were calculated using CalEEMod and Project-specific trip rates. Compared to the land uses in the traffic study, the square footage of some land uses have changed slightly, therefore, the trip rates in the Project's traffic study were prorated based on square footage for each land use. The CalEEMod default fleet mix was modified to include all vehicle types except

44 The Climate Registry, 2018. Default Emission Factors for Reporting in 2018, https://www.theclimateregistry.org/wp-content/uploads/2018/06/The-Climate-Registry-2018-Default-Emission-Factor-Document.pdf. Accessed March 2019.

45 PG&E, 2018 Corporate Responsibility and Sustainability Report, p.47, http://www.pgecorp.com/corp_responsibility/reports/2018/assets/PGE_CRSR_2018.pdf. Accessed March 2019.

46 The Climate Registry, 2018. Default Emission Factors for Reporting in 2018, https://www.theclimateregistry.org/wp-content/uploads/2018/06/The-Climate-Registry-2018-Default-Emission-Factor-Document.pdf. Accessed March 2019.

heavy-heavy-duty (HHD) trucks because emissions for HHD trucks are calculated separately as described below.

Gas Station Idling

This analysis included tailpipe GHG emissions from customer vehicle queuing/idling. It was assumed each customer vehicle will idle at the gas station for a total of 10 minutes. This is a conservative assumption which is likely to overestimate the average customer idling time and idling-related emissions. The idling emission factors for customer vehicles at the gas station were derived from EMFAC2017 for gasoline-fueled light-duty vehicles at 5 miles per hour (mph), because EMFAC2017 does not generate idling emission factors for light-duty vehicles.

Delivery Truck Travel and Idling

This study conservatively assumed the delivery truck trips were additional to the project traffic estimated in the traffic study, i.e., all trips in the traffic study were assumed to be non-HHD vehicle trips and have already been accounted for in the non-delivery vehicles mobile source category above. Daily delivery truck vehicle trip GHG emissions were estimated outside of CalEEMod using emission factors from EMFAC2017 for the HHDT vehicle category. It was assumed that all trucks were diesel-powered. The Costco delivery truck fleet had an average model year of 2016 based on information provided by the City, therefore, emission factors for model year 2016 were applied to Costco delivery trucks. Non-Costco delivery trucks utilized emission factors based on an aggregate model year.

The number of daily delivery trucks for Phase 1A were provided by the City. Delivery trucks for Phase 1B and Phase 2 were estimated based on the Project's traffic study and the CalEEMod default fleet percentage for the HHDT vehicle category. The number of truck trips were estimated by multiplying the traffic study's daily trip rate by the HHDT portion of the CalEEMod fleet mix.[47] The number of trucks operating per day (i.e. round trips) are shown below in **Table 4**, **Daily Truck Deliveries**.

TABLE 4
DAILY TRUCK DELIVERIES

Source	Trucks per Day (round trips) [a, b]
Phase 1	
Costco Store	10
Costco Gas Station	6
Hotel/Retail	29
Phase 2	
Retail	165

[47] Johnson Drive Economic Development Zone Transportation Impact Analysis, Fehr & Peers, 2015.

NOTES:

[a] Daily trucks for the Costco store, and the Costco gas station were based on information from the City (including information provided by Costco). Daily trucks for the hotel and retail land uses were based on the daily trips generated by these land uses, as supplied by the SEIR's Traffic Study, and multiplied by the HHDT default fleet mix percentage from CalEEMod.

[b] The total number of trucks per day represents the number of daily round-trip truck trips assumed in the modeling.

Source: ESA 2019

Travel emissions for Costco delivery trucks, warehouse and gasoline fuel trucks, were based on travel distances to their respective distribution facilities which were provided by the City. Costco warehouse trucks delivering goods to Costco have an estimated trip length of 24.5 miles based on the distance to the Tracy depot. Costco trucks delivering fuel to the gas station have an estimated trip length of 30 miles based on the nearest fuel delivery location in Benicia. Travel emissions for non-Costco delivery trucks, such as for hotel and retail uses, were estimated assuming 7.3 miles per trip, which is the CalEEMod default trip length for "commercial-nonwork" trip types. Commercial-nonwork trips represent trips associated with commercial land uses other than customers or workers, such as delivery vehicles of goods.[48] For the Costco store and gas station trucks, emission factors for model year 2016 trucks were used to estimate emissions. According to the project applicant, the average model year for all Costco delivery trucks is 2016.

Idling emissions were estimated assuming 15 minutes of idling per trip, representing three separate 5-minute idling occurrences: check-in to the site or queuing at the site boundary upon arrival, on-site idling during loading/unloading, and check-out of the site or queuing at the site boundary upon departure.

TRUs

Delivery trucks would generate exhaust emissions from the use of truck-mounted diesel-powered TRUs. Consistent with the HRA, it was assumed that 75 percent of Costco trucks, 25 percent of all other project trucks (including hotel and retail delivery trucks) operate a TRU for two hours per trip on any given day. TRU GHG emissions were based on emission factors from the National Renewable Energy Laboratory.[49]

Electric Vehicle Charging Stations

As discussed in section 3.2 *Project Design Features*, the Costco warehouse will install 10 electric vehicle (EV) charging stations to be operational at the opening of the store in 2020. These stations will support the future use of electric and hybrid-electric vehicles by employees and visitors traveling to and from the site, and would reduce the Project's consumption of gasoline and diesel vehicle fuel. Use of the EV charging stations will result in indirect emissions from increased electricity use, but will result in emission reductions from conventional fossil-fueled vehicles.

48 CalEEMod User's Guide, Appendix A, p.21, http://caleemod.com/. Accessed January 2019.

49 National Renewable Energy Laboratory, 2010. Emissions of Transport Refrigeration Units with CARB Diesel, Gas-to-Liquid Diesel, and Emissions Control Devices, p. 5. https://www.nrel.gov/docs/fy10osti/46598.pdf. Accessed March 2019.

GHG emissions from the use of the EV charging stations were calculated using the following main assumptions: each charger would be a Level 2 charging station; the charge rate of each charging station is 25 miles per hour of charging;[50] the chargers would be used 10 hours/day on average over 358 days of store operation per year; each charger would consume 6.25 kW of electricity per hour of use;[51] the EV fuel economy is 0.25 kWh per mile of travel;[52,53] and the average emission factor for light-duty gasoline and diesel vehicles replaced by EVs is approximately 287 grams of CO_2e per mile for Phase 1 buildout in 2021 and approximately 203 grams of CO_2e per mile for full Project buildout in 2031 based on passenger vehicle emission factors from CalEEMod.

Water and Wastewater

Water and wastewater generated from the land uses under the Project would require energy to supply, distribute and treat. The combustion of fossil fuels to produce electricity results in GHG emissions of CO_2 and smaller amounts of CH_4 and N_2O. The electricity generation occurs off-site; therefore, the electricity use from water and wastewater results in GHG emissions that are considered to be indirect. Wastewater also results in emissions of GHGs from wastewater treatment systems (e.g., septic, aerobic, or lagoons) as well as from solids that are digested either through an anaerobic digester or with co-generation from combustion of digester gas.

The emissions of GHGs associated with wastewater treatment process emissions are calculated using CalEEMod. The emissions are based on the type of treatment (e.g., aerobic, facultative lagoons, septic systems). The emissions are calculated using the default settings in CalEEMod for the type of wastewater treatment and default water usage rates for all Project land uses with the exception of the Costco. Based on information provided by the City, the Costco store would consume approximately four million gallons of water annually, therefore, the Costco's GHG emissions from water consumption were based on this.

The CEC's estimate for energy intensity of the water use cycle in Northern California, as provided in the 2006 CEC report *Refining Estimates of Water-Related Energy Use in California*, is used to calculate the energy usage related to water supply, treatment, and distribution and wastewater treatment.[54] The same electricity GHG emissions factors discussed above are used for water and wastewater energy usage.

Solid Waste

The Project would generate solid waste from day-to-day operational activities, which generally consists of product packaging, grass clippings, furniture, clothing, bottles, food scraps, newspapers, plastic, and other items routinely disposed of in trash bins. A portion of the waste is diverted to waste recycling and reclamation facilities. Waste that is not diverted is usually sent to local landfills

50 County of Santa Clara Office of Sustainability, 2018. *Driving to Net Zero*, Table 1. March 9. Available at https://www.sccgov.org/sites/dnz/Documents/Task-5A-Santa-Clara-County-2017-Transportation-Survey-Report.pdf. Accessed April 2019.
51 *Ibid.*
52 *Ibid.*
53 US Department of Energy, n.d. *Alternative Fuels Data Center: Electric Vehicle Benefits and Considerations*. Available at https://afdc.energy.gov/fuels/electricity_benefits.html. Accessed April 2019.
54 California Energy Commission, 2006. Refining Estimates of Water-Related Energy Use in California, PIER Final Project Report, CEC-500-2006-118.

for disposal. Waste that is disposed in landfills results in GHG emissions of CO_2 and CH_4 from the decomposition of the waste that occurs over the span of many years.

Emissions of GHGs associated with solid waste disposal under the Project are calculated using CalEEMod. The emissions are based on the size of the commercial land uses, the waste disposal rate for the land uses, the waste diversion rate, the GHG emission factors for solid waste decomposition, and the GWP values for the GHGs emitted.

CalEEMod allows the input of several variables to quantify solid waste emissions. The model requires the amount of waste disposed, which is the product of the waste disposal rate times the land use units. The GHG emission factors, particularly for CH_4, depend on characteristics of the landfill, such as the presence of a landfill gas capture system and subsequent flaring or energy recovery. The default values, as provided in CalEEMod, for landfill gas capture (e.g., no capture, flaring, energy recovery) are statewide averages and are used in this assessment.

Stationary Sources

Emergency Generators

The analysis assumed the Costco store and hotel would each have a diesel emergency generator. The generators would be located at ground level. Each generator would have a rating of 1,300 horsepower (1,000 kilowatts). Diesel-powered emergency generator emissions were estimated outside of CalEEMod. Emissions were estimated based on a maximum annual non-emergency operation schedule of 50 hours each, consistent with emergency standby engine testing limits established in BAAQMD Regulation 9-8-330.3. Emissions factors for CO_2, CH_4, and N_2O from diesel fuel combustion were obtained from The Climate Registry.

3.2 Project Design Features

The Project would be designed to incorporate green building techniques as required by the Title 24 Building Energy standards. In addition, the Costco facility would include the following sustainability features.

Solar Energy on the Costco Warehouse

Costco shall install a rooftop solar photovoltaic (PV) system of at least 500 kilowatts (KW) of AC power within two years of the warehouse opening. Costco estimates that the rooftop system would consist of more than 2,000 modules with a total rating of 540,000 watts, and produce approximately 1,128,400 kWh of clean electricity annually. This system would generate 1,128 MWh of clean energy annually, reducing GHG emissions by approximately 150 MT CO_2e per year in 2021 and 141 MT CO_2e per year in 2031.[55]

Solar Energy on Other Buildings

The project sponsor shall install a rooftop solar photovoltaic system on the Phase 1 hotel(s) and retail space and on the Phase 2 retail space (or other Phase 2 development as may be approved). The systems shall be designed to maximize electricity production pending the final design of each

[55] This quantification uses the same electricity emission factors used in the analysis of Project emissions.

building type and shall cover a minimum of 50 percent of the available rooftop space not otherwise occupied by either occupiable space or equipment necessary to the function of the building, unless the project applicant provides a justification, to the satisfaction of the Community Development Director, as to why such solar panel installation is technically and/or financially infeasible. Should the Community Development Director so determine, the project applicant shall either install the maximum feasible number of solar panels or undertake comparable renewable energy production to the satisfaction of the Community Development Director. The final design of the PV systems is pending specific building and roof characteristics and the feasibility of PV installations during the time of construction and development. Since the areal extent of the rooftops for these buildings is not currently known, the solar generating capacity and resulting reduction in GHG emissions is not quantified at this time.

Energy Efficiency

All Costco stores have an Energy Management System. Costco's warehouse designs are consistent with the requirements of Leadership in Energy and Environmental Design (LEED) for green building design and construction. Buildings are designed with high efficiency HVAC systems and reflective roofs that lessen the heat gain on the roof. Mechanical heat from refrigeration systems is captured to preheat hot water tanks. All indoor and outdoor lighting in new construction utilizes high-efficiency LED technology.[56]

Recycled Materials

The Costco warehouse will be constructed of prefabricated structural steel containing approximately 80 percent recycled content. The building insulation will utilize ECOSE® Technology, which contains an average of 76.98 percent recycled content.

Support for Electric Vehicles

The Project would include the installation of electric vehicle supply equipment (EVSE) pursuant to Section 5.106.5.3, Electric Vehicle Charging of the CALGreen Code. To comply with requirements of Section 5.106.5.3, six percent of the parking spaces for the Costco store and the Project's other commercial land uses would be prewired during construction to accommodate EVSE. In addition, the City is requiring as a condition of approval that Costco install 10 EV charging stations to be operational at the opening of the store in 2020. These stations will support the future use of electric and hybrid-electric vehicles by employees and visitors traveling to and from the site, and would reduce the Project's consumption of gasoline and diesel. Use of EVs will increase overall demand for electricity from the utility (i.e., PG&E), but as the carbon content of the utility's electricity is reduced over time to meet the State's Renewables Portfolio Standard, the GHG emissions associated with EV travel will be reduced accordingly.

[56] Costco Wholesale Corporation, 2019. Sustainability – Buildings. Available: https://www.costco.com/sustainability-buildings.html. Accessed: April 2019.

Waste Recycling and Organics Diversion

Worldwide, Costco is committed to local recycling programs that divert waste materials produced by their business operations from landfills. Costco's 2018 Global Sustainability Waste Report[57] indicates that across all U.S. operations, 73 percent of solid waste was diverted from landfill in 2018, including their waste-to-energy stream. Costco is committed to expanding these programs through partnerships, efficiencies and technologies.

Costco locations worldwide donate edible food products to food banks and to other nonprofits in their local communities. Donation programs vary by location and by country, including the current Feeding America in the U.S., which works with local food banks to provide meals to the hungry. In fiscal year 2018, Costco donated more than 34.7 million pounds of edible food products in all states where it operates, which represents approximately 29 million meals to people in need.

Much of Costco's organic waste (inedible food waste) is recycled into usable products, such as organic fertilizer, compost, animal feed, biofuels and electricity. In the U.S. for fiscal year 2018, Costco diverted over 80.5 million pounds of material from landfills, including:

- 8.7 million pounds of organic waste was converted into animal feed for cattle and hogs;
- 7.3 million pounds of chicken grease produced from rotisserie chickens was recycled, the majority of which was converted into biofuel;
- 853,119 pounds of organic waste was converted into certified organic liquid fertilizer, and in turn was purchased by some of Costco's produce suppliers for use on the products they sell to Costco; and
- additional organic waste from operations was also converted into certified organic liquid fertilizer in the form of a produce that is now sold at Costco locations.

Each store operator uses a combination of the four methods described above depending on local availability and vendor participation.[58]

Water Management

Costco is committed to comprehensive water management at all of its U.S. stores that include water metering systems that detect leaks and benchmark performance, and systems that detect in real-time mechanical failures that can be resolved quickly, and can track operational water waste to allow more efficient water use and/or reduced water usage.[59] Outdoors, native and drought-resistant landscaping materials, along with drip irrigation systems, are used to minimize irrigation. As of the

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57 Costco Wholesale Corporation, 2018. 2018 Global Sustainability Waste Report. Available at: https://www.costco.com/wcsstore/CostcoUSBCCatalogAssetStore/feature-pages/2018-Global-Sustainability-Waste-Report.pdf. Accessed: April 8, 2019.

58 Email correspondence, March 29, 2019, between City of Pleasanton and Jenifer Murillo, Director of Real Estate Development, Costco Wholesale.

59 Email correspondence, March 29, 2019, between City of Pleasanton and Jenifer Murillo, Director of Real Estate Development, Costco Wholesale.

end of fiscal year 2018, the rollout in North America was 95 percent complete and Costco reports a 10 percent water savings since July 2017.

Shipping Efficiencies

Costco continually evaluates its processes and implements ways to improve shipping efficiencies.[60] These measures include packaging design changes and pallet configuration – resulting in more products on a pallet and fewer delivery trucks on the road. The Costco transportation team looks for ways to reduce empty miles involving trucks returning to the depots (distribution centers) from the warehouses, including picking up truckloads of merchandise that are destined for a Costco depot for distribution to a regional group of warehouses, and loading trailers with returned goods that are headed to salvagers or need to be returned to the supplier, and consolidating those shipments into truckloads. These streamlined "reverse logistics processes" help reduce truck miles traveled and the costs associated with merchandise handling and store operation.

[60] Email correspondence, March 29, 2019, between City of Pleasanton and Jenifer Murillo, Director of Real Estate Development, Costco Wholesale.

Chapter 4
Significance Criteria

4.1 CEQA Guidelines

As described in *Section 3.7.3 Regulatory Setting*, in 2009 and 2018, the California Natural Resources Agency adopted amendments to the State CEQA Guidelines addressing the analysis and mitigation of GHG emissions. As a result of the amendments, the Appendix G of the *CEQA Guidelines* provides screening questions to assist lead agencies when assessing a project's potential impacts with regard to GHG emissions as follows:

Would the Project:

a. Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?; or

b. Conflict with any applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs?

Amendments to Section 15064.4 of the State CEQA Guidelines were adopted to assist lead agencies in determining the significance of the impacts of GHG emissions. Consistent with existing CEQA practice, Section 15064.4 gives lead agencies the discretion to determine whether to assess those emissions quantitatively or qualitatively. If a qualitative analysis is used, in addition to quantification, this section recommends certain qualitative factors that may be used in the determination of significance (i.e., extent to which the project may increase or reduce GHG emissions compared to the existing setting; whether the project emissions exceed an applicable significance threshold; and extent to which the project complies with regulations or requirements adopted to implement a reduction or mitigation of GHGs). The CEQA Guidelines, as amended, do not establish a threshold of significance; rather, lead agencies are granted discretion to establish significance thresholds for their respective jurisdictions, including looking to thresholds developed by other public agencies, or suggested by other experts, such as CAPCOA or a local air quality district, so long as any threshold chosen is supported by substantial evidence (see Section 15064.7(c)). Consistent with CEQA Guidelines Section 15064.7(c) (use of another agency's significance threshold that is supported by substantial evidence), Appendix G of the CEQA Guidelines states that, where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make a significance determination.

The California Natural Resources Agency has also clarified that the State CEQA Guidelines focus on the effects of GHG emissions as cumulative impacts, and that they should be analyzed in the context of CEQA's requirements for cumulative impact analysis (see Section 15064(h)(3)).[61]

Per State CEQA Guidelines Section 15064(h)(3), a project's incremental contribution to a cumulative impact can be found not cumulatively considerable if the project would comply with an approved plan or mitigation program that provides specific requirements that will avoid or substantially lessen the cumulative problem within the geographic area of the project.[62] To qualify, such a plan or program must be specified in law or adopted by the public agency with jurisdiction over the affected resources through a public review process to implement, interpret, or make specific the law enforced or administered by the public agency.[63] Examples of such programs include a "water quality control plan, air quality attainment or maintenance plan, integrated waste management plan, habitat conservation plan, natural community conservation plan, [and] plans or regulations for the reduction of greenhouse gas emissions."[64]

4.2 Relevant Court Cases

Center for Biological Diversity v. California Department of Fish and Wildlife

The California Supreme Court considered the CEQA issue of determining the significance of GHG emissions in its *Center for Biological Diversity v. California Department of Fish and Wildlife* decision (62 Cal.4th 204), commonly referred to as the "Newhall Ranch" ruling, based on the project reviewed in the EIR in question. The Court questioned a then-common CEQA approach to GHG analyses for development projects that compares project emissions to the reductions from "business as usual" (BAU) that would be needed statewide to reduce emissions to 1990 levels by 2020, as required by AB 32. The court upheld the BAU method as valid in theory, but concluded that the BAU method was improperly applied in the case of the Newhall project because the target for the project was incorrectly deemed consistent with the statewide emission target of 29 percent below BAU for the year 2020 without explanation as to how that statewide target applied to the project being analyzed. In other words, the court said that the percentage below BAU target developed by the AB 32 Scoping Plan is intended as a measure of the GHG reduction effort required by the State as a whole, and it cannot necessarily be applied to the impacts of a specific project in a specific location. The Court provided some guidance to evaluating the cumulative significance of a proposed land use project's GHG emissions, but noted that none of the approaches could be guaranteed to satisfy CEQA for a particular project. The Court's suggested "pathways to compliance" include:

1. Use a geographically specific GHG emission reduction plan (e.g., a local climate action plan) that outlines how the jurisdiction will reduce emissions consistent with State reduction

61 See generally California Natural Resources Agency, Final Statement of Reasons for Regulatory Action, December 2009, pages 11-13, 14, 16. Available at: http://resources.ca.gov/ceqa/docs/Final_Statement_of_Reasons.pdf . Accessed: March 18, 2019.
62 California Code of Regulations (CCR), Title 14, Section 15064(h)(3).
63 *Ibid*.
64 *Ibid*.

targets, to provide the basis for streamlining project-level CEQA analysis, as described in CEQA § 15183.5.

2. Utilize the Scoping Plan's business-as-usual (no-action-taken) reduction goal, but provide substantial evidence to bridge the gap between the statewide goal and the project's emissions reductions.
3. Assess consistency with AB 32's goal in whole or part by looking to compliance with regulatory programs designed to reduce GHG emissions from particular activities; as an example, the Court points out that projects consistent with an SB 375 Sustainable Communities Strategy (SCS) may need to re-evaluate GHG emissions from cars and light trucks.
4. Rely on existing numerical thresholds of significance for GHG emissions, such as those developed by an air district.

Number four is the most straightforward approach to analysis, since it relies on a "bright-line" project threshold typically based on total annual GHG emissions, or an efficiency metric threshold typically based on total annual GHG emissions per service population. The BAAQMD has developed Project significance thresholds for GHG emissions; however, as described in the next section, the BAQQMD's numerical thresholds have not been updated to align with the SB 32 target for 2030 .

The Court did not list the above pathways in order of importance or intentional sequence, nor require that they be relied upon in an analysis. However, this report considers the potential GHG emissions associated with the Project within the context of the Court's suggested pathways to compliance.

Golden Door v. County of San Diego

In *Golden Door Properties v County of San Diego* (2018). California's Fourth District Court of Appeal affirmed a trial court judgement that invalidated a document adopted by the County of San Diego that was intended as guidance for CEQA review of GHG impacts. The County's GHG guidance document included recommended guidelines for determining significance based on an efficiency metric of 4.9 metric tons of carbon dioxide equivalent per service population. The guidance stated that the efficiency metric represented the county's "fair share" of statewide emissions mandates.

The Court found that the threshold of significance provided by the efficiency metric was not supported by substantial evidence, because it was based on statewide standards with no explanation why those standards were sufficient for use in the county. Specifically, the court held that the county needed to support the efficiency metric with substantial evidence establishing a relationship between the statewide data used to establish the metric and the county-specific reduction targets. Additionally, the Court found that the county's guidance did not sufficiently explain how the efficiency metric would be appropriate across all project types.

The Court also found that the metric violated CEQA because the county failed to formally adopt the GHG guidelines by ordinance, rule, resolution or regulation through a public review process.

Cleveland National Forest v. San Diego Association of Governments

As discussed previously in the Regulatory Setting section, in the Supreme Court ruling in *Cleveland National Forest v. San Diego Association of Governments* (2017) the Court ruled that SANDAG was not required to use the Executive Order's 2050 goal as a significance threshold for GHG impacts because: (1) it is not an "adopted" target within the meaning of CEQA Guidelines section 15064.4(b)(2); (2) the Executive Order does not specify any plan or implementation measures to achieve its goal; and (3) there is no regulatory guidance on how the Executive Order's goal.

4.3 Existing BAAQMD Significance Thresholds

As described in Chapter 2 *Applicable Regulations*, the BAAQMD's CEQA Air Quality Guidelines establish three potential thresholds for analyzing the GHG emissions associated with land use development projects:

- Compliance with a qualified Climate Action Plan, with a goal consistent with AB 32,
- A mass emissions threshold of 1,100 MT of CO_2e per year, or
- A GHG efficiency threshold of 4.6 MT of CO_2e per service population (project jobs + project residents).

The Project would not be built out until 2031. AB 32 has a GHG reduction target of achieving 1990 levels by the year 2020, while SB 32 extends the statewide target to a reduction of 40 percent below 1990 levels by 2030, which is one year prior to Project buildout. For this reason, the SB 32 reduction target applies to the Project. The Association of Environmental Professionals (AEP) Climate Change Committee recommended in a 2015 white paper that CEQA analyses for multiple-phase projects with post-2020 development not only "consider consistency with the 2020/AB 32-based framework but also analyze the consequences of post-2020 GHG emissions in terms of their impacts on the reduction trajectory from 2020 toward 2050."[65] AEP further recommends that the "significance determination should be based on consistency with substantial progress along a post-2020 trajectory." The AEP white paper is advisory only and is not binding guidance or an adopted set of CEQA thresholds. Given that year 2031 is the horizon year for the full buildout of the Project, a post-2020 analysis is warranted.

As noted above in Section 2.4, the Pleasanton CAP is considered qualified through the year 2020. Because full Project buildout would not occur until 2031, the first BAAQMD threshold noted above—compliance with a qualified Climate Action Plan—should only be applied using a CAP that is qualified to be consistent with SB 32's target for 2030. Accordingly, compliance or consistency with the City of Pleasanton CAP in its current state does not represent a sufficient, stand-alone threshold for analyzing the GHG impacts of the Project because it is not qualified out to 2030.

[65] Association of Environmental Professionals, 2015. Beyond 2020: The Challenge of Greenhouse Gas Reduction Planning by Local Governments in California. March 16. Draft whitepaper. Prepared by Climate Change Committee. Available at https://www.califaep.org/images/climatechange/AEP_White_Paper_Beyond_2020.pdf. Accessed March 2019.

The BAAQMD mass emissions threshold of 1,100 MT of CO_2e per year was designed for the District to meet the AB 32 goal of reducing GHG emissions to 1990 levels by 2020 by accounting for the Bay Area's share of GHG emissions reduction beyond that achievable at the state level. It is based on the AB 32 GHG reduction goals and a "gap analysis" that attributes an appropriate share of GHG emissions reductions to new land use development projects in BAAQMD's jurisdiction. However, the District has not yet developed a corresponding mass emissions threshold that is aligned with the SB 32 target for 2030. Accordingly, BAAQMD's existing mass emissions threshold is not appropriate for analyzing the GHG impacts of the Project.

Similarly, the BAAQMD efficiency threshold (4.6 MT of CO_2e per service population) was calculated by dividing the AB 32 GHG reduction target for land use development emissions in California by the estimated 2020 population and employment level. The BAAQMD efficiency threshold is tied directly to AB 32 and statewide emissions reduction goals for 2020. It is generally appropriate to use for larger projects that have a sizable number of residential and/or employees that is representative of the service population generating emissions. However, similar to the City's CAP, this threshold does not address the statewide emissions target mandated by SB 32 for 2030. Furthermore, its service population basis as defined by BAAQMD penalizes retail projects, like the Johnson Drive Economic Development Zone, which are located in close proximity to existing residential development, but do not include those residents in the service population metric. Customers of retail projects generate trips (and related emissions) that must be included in a project's emissions inventory, but the customers themselves are not counted in the service population denominator. In addition, it should be noted that pursuant to *Golden Door Properties v County of San Diego* (2018), use of the efficiency threshold would require BAAQMD to provide substantial evidence establishing a relationship between the statewide data used to derive the 4.6 MT per person threshold and the threshold's applicability to the San Francisco Bay Area and to various types of projects.

For these reasons, BAAQMD's existing efficiency threshold is not appropriate for analyzing the GHG impacts of the Project.

4.4 Project Significance Criteria

Although GHG emissions can be quantified as discussed under the Methodology section above, CARB, BAAQMD, and the City have not adopted quantitative project-level significance thresholds for GHG emissions that would be applicable to the Project. Given that there is no applicable or available quantitative threshold, and given the absence of a qualified GHG reduction plan, the significance of the Project's GHG emissions is evaluated consistent with CEQA Guidelines Section 15064.4(b) by considering whether the Project complies with applicable plans, policies, regulations and requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of greenhouse gas emissions. CARB's 2017 Scoping Plan Update is intended to reduce GHG emissions to meet the statewide targets set forth in SB 32. ABAG/MTC's Plan Bay Area 2040 is designed to achieve regional GHG reductions from the land use and transportation sectors as required by SB 375 and the state's long-term climate goals. The City of Pleasanton Climate Action Plan is designed to reduce local GHG emissions to support the statewide target for 2020 set forth in AB 32, and to put the City on an emissions trajectory that is consistent with the State's

longer term targets. Thus, the City as Lead Agency has determined that the Project would not have a significant effect on the environment if the Project is found to be consistent with the applicable regulatory plans and policies to reduce GHG emissions, including the emissions reduction measures discussed within the 2017 Climate Change Scoping Plan Update, Plan Bay Area 2040, and the City's Climate Action Plan.

Chapter 5
Project Impacts

5.1 GHG Emissions Impact

Threshold a: Would the Project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment.

Threshold b: Would the Project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs.

Project Emissions

The California Natural Resources Agency's Final Statement of Reasons for Regulatory Action for the Amendments to the State CEQA Guidelines Addressing Analysis and Mitigation of Greenhouse Gas Emissions Pursuant to SB 97 ("Final Statement of Reasons") provides that project-level quantification of emissions should be conducted where it would assist in determining the significance of emissions, even where no numeric threshold applies. In such cases, the Final Statement of Reasons provides that qualitative thresholds can be utilized to determine the ultimate significance of project-level impacts based on a project's consistency with plans, which can include applicable regional transportation plans. Even when using a qualitative threshold, quantification can inform "the qualitative factors" and indicate "whether emissions reductions are possible, and, if so, from which sources."[66] Therefore, the Project's GHG emissions for construction and operation are presented below.

Construction Emissions

GHG emissions associated with construction of the Project were calculated for each year of construction activity using CalEEMod. Results of the GHG emissions calculations are presented on **Table 5**, *Estimated Construction Greenhouse Gas Emissions*. It should be noted that the GHG emissions shown in Table 8 are based on construction equipment operating continuously throughout each workday. In reality, construction equipment tends to operate periodically or cyclically throughout each workday. Therefore, the GHG emissions shown reflect a conservative estimate.

Although GHGs are generated during construction and are accordingly considered 1-time emissions, it is important to include them when assessing all of the long-term GHG emissions associated with a project. Construction-related GHG emissions are amortized over the project's 30-year lifetime in order to include these emissions as part of a project's annualized lifetime total

66 California Natural Resources Agency, 2009. Final Statement of Reasons for Regulatory Action for the Amendments to the State CEQA Guidelines Addressing Analysis and Mitigation of Greenhouse Gas Emissions Pursuant to SB 97 (December 2009). pp. 20-26.

emissions, so that GHG reduction measures will address construction GHG emissions as part of the operational GHG reduction strategies. Due to the potential persistence of GHGs in the environment, construction-period impacts are not assessed independently of operational-period impacts, which are discussed in the next section.

TABLE 5
ESTIMATED UNMITIGATED CONSTRUCTION GREENHOUSE GAS EMISSIONS

Construction Year	CO_2e (Metric Tons) [a, b]
Phase 1 (2020/2021)	1,264
Phase 1 Amortized Emissions (30-years)	**42**
Phase 2 (2030/2031)	799
Project Construction Total	**2,062**
Total Construction Amortized Emissions (30-years)	**69**

NOTES:
[a] Totals may not add up exactly due to rounding in the modeling calculations.
[b] CO_2e emissions are calculated using the global warming potential values from the Intergovernmental Panel on Climate Change Fourth Assessment Report: 25 for CH_4 and 298 for N_2O (Intergovernmental Panel on Climate Change, Fourth Assessment Report: The Physical Science Basis, Summary for Policy Makers, (2007))

SOURCE: ESA, 2019

Operational Emissions

GHG emissions associated with operation of the Project were calculated to disclose operational emissions from the Project. Annual operational GHG emissions were estimated using CalEEMod. CalEEMod incorporates the efficiencies from complying with California's Title 24 Building Energy Efficiency Standards.

Maximum annual net GHG emissions resulting from non-delivery and delivery vehicles, energy (i.e., electricity, natural gas), water conveyance and wastewater treatment, solid waste, emergency generators, and TRUs were calculated for Phase 1 operations (2021) and Full Buildout operations (2031). GHG emissions from operation of the Project at completion of Phase I and at Full Buildout are shown in **Table 6**, *Annual Operational Greenhouse Gas Emissions*.

TABLE 6
ANNUAL OPERATIONAL GHG EMISSIONS, PHASE 1 AND FULL BUILDOUT

	Annual CO_2e Emissions (MT CO_2e per year)	
Emission Source	**Phase 1 2021**	**Full Buildout 2031**
Area	<1	<1
Electricity	677	844
Natural Gas	247	263
Non-Delivery Vehicles (Running)	9,324	11,141
Light-Duty Vehicles (Idling at Gas Station)	377	287

Emission Source	Annual CO_2e Emissions (MT CO_2e per year)	
	Phase 1 2021	**Full Buildout 2031**
Delivery Vehicles (Running)	687	1,725
Delivery Vehicles (Idling)	31	119
TRUs	213	807
Costco Generator	26	26
Hotel Generator	26	26
Solid Waste	392	489
Water and Wastewater	22	53
Construction (amortized over 30 years)	42	69
Total Operational Project GHG Emissions Including Construction Emissions	**12,065**	**15,850**
Estimated Reductions from EV Charging Infrastructure [a]	-136	-92
Estimated Reductions from Costco Solar PV installation [b]	-150	-141
Total Net Operational Project GHG Emissions Including EV and Solar PV Reduction	**11,778**	**15,617**

NOTES:

Categories defined as follows:

Area = Emissions from landscaping equipment. Emissions were modeled using CalEEMod.

Electricity = Emissions from electricity consumption in buildings. Emissions were modeled using CalEEMod.

Natural Gas = Emissions from natural gas combustion for space heating and cooking. Emissions were modeled using CalEEMod.

Non-Delivery vehicles (running) = Operating emissions from daily commercial non-delivery vehicle trips. Emissions from these trips were estimated using CalEEMod.

Light-duty vehicles (idling at gas station) = Idling emissions from autos queueing in line at gas station. Emissions were estimated outside of CalEEMod using EMFAC2017 emissions factors and an idling time of 10 minutes.

Delivery Vehicles (Running) = Operating emissions from daily commercial delivery vehicle trips. Emissions were estimated outside of CalEEMod using emission factors from EMFAC2017.

Delivery Vehicles (Idling) = Operating emissions from daily commercial delivery vehicles idling. Emissions were estimated outside of CalEEMod using emission factors from EMFAC2017 and an idling duration of 15 minutes.

Transportation Refrigeration Units (TRUs) = Operating emissions from daily TRU usage at commercial land uses. Emissions were estimated outside of CalEEMod using emission factors from the National Renewable Energy Laboratory.

Costco and Hotel Generators = Operating emissions from diesel-powered emergency generators. Emission were estimated outside of CalEEMod using emission factors from The Climate Registry.

Solid Waste = Downstream fugitive methane emissions associated with landfilling solid waste. Emissions were modeled using CalEEMod.

[a] This represents the reduction in emissions from conventional fossil-fueled vehicles that would be replaced by EVs using the charging infrastructure at the Project site. See Appendix A for calculation details.

[b] This represents the reduction in emissions from a rooftop solar PV system at the Costco warehouse that would generate 1,128 MWh of clean energy annually.

Total operational emissions, including amortized construction emissions, are estimated to be 12,065 MT CO_2e in 2021 (Phase 1) and 15,850 MT CO_2e in 2031 (full buildout). With emission reductions anticipated through the use of the 10 EV charging stations at the Costco warehouse, and the installation of a 1,128 MWh rooftop solar PV system at the Costco warehouse, net total operational emissions are estimated to be 11,778 MT CO_2e in 2021 (Phase 1) and 15,617 MT CO_2e in 2031 (full buildout).

As stated above, this quantitative analysis is provided for informational purposes and is not presented as the method to analyze GHG impacts or to demonstrate compliance with a quantitative threshold. Instead, the analysis is presented to quantify the Project's potential GHG emissions in order to inform the qualitative analysis. These figures can be used to determine whether emissions reductions are possible, and, if so, from which sources, as well as to demonstrate consistency with certain GHG reduction plans and policies.

Consistency with Plans

A significant impact would occur if the Project would generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment by conflicting with state goals and applicable regulatory plans and policies to reduce GHG emissions including AB 32, SB 32, Executive Order S-3-05 and CARB's 2017 Climate Change Scoping Plan Update, as well as the region's Sustainable Communities Strategy/Regional Transportation Plan (Plan Bay Area 2040) and the City's Climate Action Plan.

State Goals and CARB's Climate Change Scoping Plan

The primary goal of AB 32 is the requirement for statewide GHG emissions to be reduced to 1990 levels by 2020. AB 32 also required the adoption of discrete Early Action Measures Items[67] which resulted in the development of the Low Carbon Fuel Standard, among other things. Further, AB 32 required the development of the first Scoping Plan (2008) for achieving the necessary GHG reductions in a technologically and economically feasible manner, the adoption of a mandatory GHG emissions reporting regulation, and the establishment of a market-based declining emission limit program (i.e., the cap-and-trade program). The First Update to the Scoping Plan was approved by CARB in May 2014 and built upon the initial Scoping Plan with new strategies and recommendations to achieve the AB 32 target.

Executive Order B-30-15 established a GHG emission reduction goal for California of 40 percent below 1990 levels by 2030. This Executive Order also directed all state agencies with jurisdiction over GHG-emitting sources to implement measures designed to achieve the new interim 2030 goal, as well as the pre-existing, long-term 2050 goal identified in Executive Order S-3-05. Additionally, the Executive Order directed CARB to update its Scoping Plan to address the 2030 goal, which it has done with the 2017 Scoping Plan Update. SB 32 codifies the 2030 emissions reduction goal of Executive Order B-30-15 requiring CARB to ensure that statewide GHG emissions are reduced to 40 percent below 1990 levels by 2030.

The Project would be consistent with key state plans and regulatory requirements referenced in the 2017 Scoping Plan Update designed to reduce statewide emissions. According to the 2017 Scoping Plan Update, reductions needed to achieve the 2030 target are expected to be achieved by increasing the RPS to 50 percent of the State's electricity by 2030, greatly increasing the fuel economy of vehicles and the number of zero-emission or hybrid vehicles, reducing the rate of growth in VMT, supporting high speed rail and other alternative transportation options, and increasing the use of

[67] CARB. 2007. Expanded List of Early Action Measures to Reduce Greenhouse Gas Emissions in California Recommended for Board Consideration. Available online at: https://www.arb.ca.gov/cc/ccea/meetings/ea_final_report.pdf

high efficiency appliances, water heaters, and HVAC systems. As discussed previously, the Governor has already signed into law SB 350 (Chapter 547, Statues of 2015), which increased the Renewables Portfolio Standard to 50 percent by 2030 and included interim targets of 40 percent by 2024 and 45 percent by 2027. With the passage of SB 100, California's Renewables Portfolio Standard was further increased and requires retail sellers and local publicly-owned electric utilities to procure eligible renewable electricity for 44 percent of retail sales by the end of 2024, 52 percent by the end of 2027, and 60 percent by the end of 2030; and requires that CARB should plan for 100 percent eligible renewable energy resources and zero-carbon resources by the end of 2045, which would reduce Project electricity-related emissions.

The Project would support or not impede implementation of these potential reduction strategies identified by CARB, and it would benefit from statewide and utility-provider efforts towards increasing the portion of electricity provided from renewable resources. The Project would also benefit from statewide efforts towards increasing the fuel economy standards of vehicles and reducing the carbon content of fuels. The Project would utilize energy efficiency appliances and equipment, as required by Title 24, and it would provide electric vehicle charging stations to support the future use of electric and hybrid-electric vehicles by employees and visitors traveling to and from the site. For these reasons, the Project's post-2020 emissions trajectory is expected to follow a declining trend, consistent with the 2017 Scoping Plan Update, and the Project would not conflict with or obstruct implementation of the 2017 Scoping Plan Update.

Executive Order S-3-05

Executive Order No. S-3-05 established a goal of reducing the State's GHG emissions to 80 percent below the 1990 level by the year 2050. This goal has not been codified by the Legislature and CARB has not adopted a strategy or regulations designed to meet the 2050 goal. However, studies have shown that, in order to meet the 2050 goal, aggressive technologies in the transportation and energy sectors, including electrification and the decarbonization of fuel, will be required. In its original *Climate Change Scoping Plan*, CARB acknowledged that the "measures needed to meet the 2050 goal are too far in the future to define in detail."[68] In the First Update, CARB generally described the type of activities required to achieve the 2050 target: "energy demand reduction through efficiency and activity changes; large-scale electrification of on-road vehicles, buildings, and industrial machinery; decarbonizing electricity and fuel supplies; and rapid market penetration of efficiency and clean energy technologies that requires significant efforts to deploy and scale markets for the cleanest technologies immediately."[69] The 2017 Scoping Plan recognizes that additional work is needed to achieve the more stringent 2050 target: "While the Scoping Plan charts the path to achieving the 2030 GHG emissions reduction target, we also need momentum to propel us to the 2050 statewide GHG target (80 percent below 1990 levels). In developing this Scoping Plan, we considered what policies are needed to meet our mid-term and long-term goals."[70] For example, the 2017 Scoping Plan acknowledges that "though Zero Net Carbon Buildings are not

68 California Air Resources Board, 2008. *Climate Change Scoping Plan*. December. Page 117. Available at: https://www.arb.ca.gov/cc/scopingplan/document/adopted_scoping_plan.pdf. Accessed May 2019.

69 California Air Resources Board, 2014. *First Update to the Change Scoping Plan*. May. Page 32. Available at: https://www.arb.ca.gov/cc/scopingplan/2013_update/first_update_climate_change_scoping_plan.pdf. Accessed May 2019.

70 California Air Resources Board, 2017. *California's 2017 Climate Change Scoping Plan*. November. Available at: https://www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf. Accessed May 2019.

feasible at this time and more work needs to be done in this area, they will be necessary to achieve the 2050 target. To that end, work must begin now to review and evaluate research in this area, establish a planning horizon for targets, and identify implementation mechanisms."[71]

In developing the 2017 Scoping Plan Update, CARB, CEC, CPUC, and the California Independent System Operator (CAISO) commissioned a study to evaluate the feasibility and cost of meeting the 2030 target along the way to reaching the State's goal of reducing GHG emissions to 80 percent below 1990 levels by 2050. With input from the agencies, the California State Agencies' PATHWAYS Project explores scenarios for meeting the State's long term GHG emissions targets, encompassing the entirety of California economy with detailed representations of the buildings, industry, transportation, and electricity sectors.[72] While acknowledging the inherent uncertainty associated with its modeling assumptions, the PATHWAYS study emphasizes the need for significant action and continued policy development by the State to support low-carbon technologies and markets for energy efficiency, building electrification, renewable electricity, zero emission vehicles, and renewable liquid fuels. The study underscores the need for a periodic review of State policies and programs for reducing GHG emissions, as was anticipated by AB 32 in its directive to update the Scoping Plan at least every five years.

A 2018 update to the PATHWAYS study advances the understanding of what is required for technology deployment and other GHG mitigation strategies if California is to meet its long-term climate goals. To achieve high levels of consumer adoption of zero-carbon technologies, particularly of electric vehicles and energy efficiency and electric heat in buildings, the 2018 study concludes that market transformation is needed to bring down the capital cost and to increase the range of options available. This market transformation can be facilitated by 1) higher carbon prices (which can be created by the state's cap and trade and LCFS programs); 2) codes and standards, regulations and direct incentives, to reduce the upfront cost to the customer; and 3) business and policy innovations to make zero-carbon technology options the cheaper, preferred solution compared to the fossil fueled alternative.[73]

Based on existing emissions trends, the proposed Project's emissions are expected to decline from its full buildout year of 2031 through at least 2050 due to continued regulatory and technological advancements. The extent to which GHG emissions from mobile sources indirectly attributed to the proposed Project would change in the future depends on the quantity (e.g., number of vehicles, average daily mileage) and quality (i.e., carbon content) of fuel that would be available and required to meet both regulatory standards and resident and worker needs. In addition, renewable power requirements, the LCFS, and vehicle emissions standards discussed above will all decrease GHG emissions per unit of energy delivered or per VMT. Due to the technological shifts required and the unknown parameters of the regulatory framework in 2050, further quantitatively analyzing the

71 *Ibid*.

72 Energy + Environmental Economics (E3), 2015. *Summary of the California State Agencies' PATHWAYS Project: Long-term Greenhouse Gas Reduction Scenarios*. Available at: https://www.ethree.com/public_proceedings/summary-california-state-agencies-pathways-project-long-term-greenhouse-gas-reduction-scenarios/. Accessed: March 19, 2019. April 2015

73 Energy + Environmental Economics (E3), 2018. *Deep Decarbonization in a High Renewables Future. Updated Results from the California PATHWAYS Model*. Available at: https://www.ethree.com/wp-content/uploads/2018/06/Deep_Decarbonization_in_a_High_Renewables_Future_CEC-500-2018-012-1.pdf . Accessed March 18, 2019.

proposed Project's impacts relative to the 2050 target would be speculative for purposes of CEQA. Section 15145 of the State CEQA Guidelines directs that "[i]f, after thorough investigation, a Lead Agency finds that a particular impact is too speculative for evaluation, the agency should note its conclusion and terminate discussion of the impact."

While it would be speculative to quantitatively estimate the Project's emissions level in 2050 and to assess the impact to the 2050 horizon-year goal set in EO S-3-05, statewide efforts are underway to facilitate the State's achievement of that goal and it is reasonable to expect the proposed Project's GHG emissions level to decline as the regulatory initiatives identified by CARB in the 2017 Scoping Plan Update are implemented, and other technological innovations occur. Given the reasonably anticipated decline in proposed Project emissions once fully constructed and operational, the Project would not conflict with the 2050 horizon-year goal of EO S-3-05.

Plan Bay Area

Pursuant to California Senate Bill 375, ABAG and the MTC adopted Plan Bay Area to establish targets and strategies intended to meet the region's needs for housing at all income levels, while reducing GHGs associated with private passenger and light duty truck traffic. Plan Bay Area 2040 includes a target to reduce per capita vehicular-related GHGs by at least 19 percent by 2040 compared to 2005 baseline levels. A key strategy for meeting these targets is to facilitate growth in Priority Development Areas and Transit Priority Areas within urbanized centers where there are more mobility options available to reduce driving by cars and light trucks.

Although the proposed Project is not within a PDA as identified in Plan Bay Area, a portion of it is located within a Transit Priority Project area, and the Project is consistent with the City's General Plan land use policies, which are reflected in the Plan Bay Area's growth projections for the area. Moreover, the Project will further reduce GHG emissions from passenger vehicles and light-duty trucks by providing electrical charging stations at the commercial parking lot, per the requirements of CALGreen and the City conditions of approval. Consequently, the proposed Project would not conflict with or obstruct implementation of Plan Bay Area.

City of Pleasanton Climate Action Plan

The City's CAP is a roadmap for the City to achieve its 2020 GHG reduction goal of 15 percent below 2005 levels. The CAP includes GHG reduction measures grouped under five broad strategies for transportation, energy use, solid waste, water and wastewater, and community engagement. Since the CAP was developed as a plan to achieve the City's 2020 target, its applicability to the Project is limited since the Project will not become operational until 2021 and won't be fully built out until 2031. However, the measures and policies in the CAP will remain relevant after 2020. Thus it is appropriate to qualitatively assess the Project's consistency with the CAP.

In general, the Project would comply with applicable City strategies to reduce GHG emissions by implementing energy efficient building designs, reducing indoor and outdoor water demand, and installing energy-efficient appliances and equipment. These measures are consistent with the City's GHG reduction, sustainability, and smart-growth goals of improving energy and water efficiency

in buildings, decreasing per-capita water use, using energy efficient appliances and equipment, and creating a more livable city.

Table 7, *Project Consistency with City of Pleasanton Climate Action Plan*, contains a list of the CAP's GHG-reducing strategies and actions applicable to the Project. The Project-level analysis describes the consistency of the Project with these goals, strategies and actions. As shown in the Table, the Project would be consistent with the City's CAP and would support or not impede implementation of the GHG reduction strategies identified in the CAP.

TABLE 7
PROJECT CONSISTENCY WITH CITY OF PLEASANTON CLIMATE ACTION PLAN

Action	Description	Consistency Analysis
Land Use and Transportation Strategies		
LU1	Support Infill and higher density development	**Consistent** – Objective #2 of the Project is to "maximize the benefits of the location of the EDZ area as an infill site located along transportation corridors and near transit by encouraging the development of both locally and regionally accessible uses in the EDZ area" (see Draft SEIR Chapter 3, Project Description).
LU2	Support mixed-use infill and new development near local-serving commercial areas	**Consistent** –The Project would include re-zoning of parcels within the EDZ area to allow a mix of uses that could include club retail, hotel, recreational, and small- and large-format retail establishments. These uses would be located near existing local-serving commercial areas including light industrial, office, commercial, retail, and institutional uses. Also see LU1 above.
LU3	Improve transportation efficiency through design improvements	**Consistent** – The Project would be consistent with General Plan goals for maintaining and expanding pedestrian and bicycle access. Bicycle lanes will be maintained on Johnson Drive, buffered bicycle lanes would improve bicycle safety along the corridor, and Johnson Drive would be widened to the west to accommodate a new bike lane. Final design of all improvements along Johnson Drive shall maintain or enhance existing bicycles, transit, and pedestrian facilities (see Draft SEIR Chapter 4.D Transportation and Traffic). Also see LU1 and LU2 above and NM1 below.
NM1	Create and maintain a safe, convenient, and effective system for pedestrians and bicyclists	**Consistent** –The Project would be consistent with General Plan goals for maintaining and expanding pedestrian and bicycle access. Bicycle access to and around the EDZ area is provided by the Class I Alamo Canal and bicycle lanes on Johnson Drive. Per the EDZ Design Guidelines, bicycle lanes will be maintained on Johnson Drive, and buffered bicycle lanes would improve bicycle safety along the corridor. In addition, Johnson Drive would be widened to the west to accommodate a new bike lane. Finally, Draft SEIR Mitigation Measure 4.D-3 requires that "final design of all improvements along Johnson Drive shall maintain or enhance existing bicycles, transit, and pedestrian facilities, and shall ensure bicycle and pedestrian facilities and access to

Action	Description	Consistency Analysis
		the Alamo Canal Trail at the signalized crossing at Commerce Circle and any other signalized locations on Johnson Drive." (see Draft SEIR Chapter 4.D Transportation and Traffic).
TR1	Improve and increase transit ridership with incentives, partnerships, and related investments	**Consistent** – The Project would generate transit ridership and would be required to comply with existing General Plan provisions that encourage the use of alternative modes of transportation (see Draft SEIR Chapter 4.D Transportation and Traffic).
TDM1	Use parking pricing/policy to discourage single occupancy vehicle (SOV) travel	**NA** – this strategy is implemented by the City
TDM2	Promote alternatives to work and school commutes	**NA** – this strategy is implemented by the City
TDM3	Improve traffic flow to relieve congestion	**NA** – this strategy is implemented by the City
VE1	Develop a supportive community infrastructure for alternative fuel vehicles	**Consistent** – The Project is providing EV charging stations
VE2	Develop a city fleet replacement program	**NA** – this strategy is implemented by the City
Energy		
EC1	Use city codes, ordinances, and permitting to enhance green building, energy efficiency, and energy conservation.	**Consistent** – The Project will conform to the 2019 Title 24 Standard, which according to the CEC is expected to be 30 percent more energy efficient than the 2016 code. The Project must also conform to the City's 2006 green building ordinance, which requires commercial buildings of more than 20,000 square feet to incorporate green features consistent with a LEED rating. According to Costco's web site, Costco's warehouse designs are consistent with the requirements of LEED.[74]
EC2	Leverage state and local programs to increase energy efficiency and conservation	**NA** – this strategy is aimed at improving energy efficiency of existing buildings
EC3	Establish and promote financing and financial incentive programs to support energy efficiency and conservation.	**NA** – this strategy is implemented by the City
EC4	Develop programs to increase energy efficiency and conservation.	**NA** – this strategy is implemented by the City
EG1	Promote green building and energy efficient development for government operations and city infrastructure.	**NA** – this strategy is implemented by the City
ER1	Implement local ordinances and permitting processes to support renewable energy.	**NA** – this strategy is implemented by the City
ER2	Develop programs to promote on-site renewable energy to the community.	**Consistent** – As described in Project Design Features, the Costco warehouse will install rooftop solar PV to supply renewable electricity to the building. As described in Project Design Features, the Phase 1 hotel and retail buildings would also be required to install rooftop solar PV, and all Phase 2 uses would be required to install rooftop solar PV, pending specific building and roof characteristics and the feasibility of PV installations during the time of construction and development.

[74] Costco Wholesale Corporation, 2019. Sustainability – Buildings. Available: https://www.costco.com/sustainability-buildings.html. Accessed: April 2019.

Action	Description	Consistency Analysis
ER3	Promote use of renewable energy for municipal operations.	**NA** – this strategy is implemented by the City
Solid Waste		
SW1	Increase recycling, organics diversion, and waste reduction associated with municipal operations.	**NA** – this strategy is implemented by the City
SW2	Increase recycling, organics diversion, and waste reduction associated with the entire community.	**Consistent** – The Project will participate in the City's waste hauling and diversion programs, and be required to provide adequate onsite collection service for recyclables and compostable materials (organics), as required by state law and county ordinance.
Water and Wastewater		
WA1	Conserve community water through building and landscape design and improvements	**Consistent** – The Project will adhere to CalGreen requirements for indoor and outdoor water conservation.
WA2	Conserve water used by municipal operations through building and landscape design and improvements	**NA** – this strategy is implemented by the City
WA3	Increase or establish use of reclaimed/grey water systems	**NA** – this strategy is implemented by the City
Community Engagement		
PE1	Provide information and resources to the community.	**NA** – this strategy is implemented by the City
PE2	Partner with schools to promote sustainability efforts.	**NA** – this strategy is implemented by the City
PE3	Implement outreach programs for local businesses and residents.	**NA** – this strategy is implemented by the City

SOURCE: City of Pleasanton Climate Action Plan, 2011; ESA, 2019

5.2 Conclusion

As set forth above, the Project would make an incremental contribution to climate change by resulting in new GHG emissions compared to existing conditions.[75] However, even a very large individual project would not generate enough GHG emissions on its own to significantly influence global climate change, given the worldwide scope of GHG emissions. As discussed above, the Project would be consistent with the 2017 Climate Change Scoping Plan Update, Plan Bay Area 2040, and the City of Pleasanton Climate Action Plan. The Project's consistency with these applicable plans and policies to reduce GHG emissions, along with implementation of project design features discussed in this Technical Analysis, including the EV charging stations, would minimize the Project's GHG emissions. The Project would be designed to incorporate green building techniques as required by the Title 24 Building Energy standards and would incorporate the sustainability features discussed in Section 3.2.

[75] Consistent with standard environmental analysis, vehicle trips generated by newly developed uses at the Project site (including the Costco store) and the resulting GHG emissions from those trips, are considered net new. In reality, the presence of a new Costco store, for example, is likely to result in some redistribution of customer travel to and from existing Costco stores, meaning that the analysis is conservative and likely overstates both total vehicle miles traveled and also GHG emissions.

As noted above, both the 2017 Scoping Plan Update and the City's Climate Action Plan call for, among other things, distributed power generation; that is, on-site electricity generation from sources such as solar photovoltaic (PV) systems. Accordingly, a rooftop solar PV system would be installed at the Costco warehouse, within two years of the store opening. This project design feature is estimated to generate 1,128 MWh of clean energy annually, reducing GHG emissions by approximately 150 MT CO_2e per year in 2021 and 141 MT CO_2e per year, based on PG&E's expected electricity emission factors in 2021 and 2031, respectively. The 2017 Scoping Plan and the City's Climate Action Plan also call for a more supportive infrastructure for alternatively-fueled vehicles. Accordingly, the Project includes 10 EV charging stations to be operational at the opening of the store in 2020. With implementation of these design features, net total operational emissions are estimated to be 11,778 MT CO_2e in 2021 (Phase 1) and 15,617 MT CO_2e in 2031 (full buildout). In addition, rooftop solar PV systems will be installed on the Phase 1 hotel(s) and retail space and the Phase 2 retail space. The design of these systems is currently not known, so the anticipated energy production and resulting GHG emission reductions were not estimated for these project design features. Collectively, the solar energy generation on the Costco Warehouse and other Project buildings would reduce the Project's GHG emissions below those estimated herein.

Furthermore, in addition to the Project's consistency with applicable GHG reduction strategies, the Project would not conflict with the future anticipated statewide GHG reductions goals. CARB has outlined a number of potential strategies for achieving the 2030 reduction target of 40 percent below 1990 levels. These potential strategies include renewable resources for 60 percent of the State's electricity by 2030, increasing the fuel economy of vehicles and the number of zero-emission or hybrid vehicles, reducing the rate of growth in VMT, supporting high-speed rail and other alternative transportation options, and use of high-efficiency appliances, water heaters, and HVAC systems. The Project would benefit from statewide and utility-provider efforts towards increasing the portion of electricity provided from renewable resources. The Project would also benefit from statewide efforts towards increasing the fuel economy standards of vehicles. The Project would help reduce VMT growth by locating retail development at an infill location close to existing transit (including the Pleasanton BART station) and by locating retail development close to large areas of existing residential development in the City of Pleasanton. This means that nearby residents who are, in particular, Costco shoppers, could travel lesser distances than they currently do.[76]

In Summary, the Project as designed would be generally consistent with actions referenced in state, regional and local plans, policies and regulations designed to reduce GHG emissions. Consequently, the Project would not conflict with applicable plans, policies and regulations adopted for the purpose of reducing the emissions of GHGs, and the impact would be **less than significant**.

[76] While transit accessibility may not result in a substantial decrease in Costco customer vehicle travel, it could result in transit use by store employees and by employees and customers of other retail uses within the Johnson Drive Economic Development Zone.

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Appendix A
Emissions Modeling Files

ESA

APPENDIX A

Construction Emissions

- CalEEMod Output – Construction
- Construction Haul Truck Idling Emissions
- Construction Emissions Summary

Operational Emissions

- CalEEMod Output – Phase 1 (2021)
- CalEEMod Output – Full-Buildout 1 (2031)
- Generator Emissions
- Vehicle Emissions
- Transportation Refrigeration Unit Emissions
- Operations Emissions Summary

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Emissions Calculations
Construction Emissions

CalEEMod Output – Construction

Johnson Drive Construction-Mitigated - Bay Area AQMD Air District, Annual

Johnson Drive Construction-Mitigated

Bay Area AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	3.40	Acre	3.40	148,104.00	0
Other Non-Asphalt Surfaces	1.22	Acre	1.22	53,143.20	0
Other Non-Asphalt Surfaces	2.80	Acre	2.80	121,968.00	0
Parking Lot	10.30	Acre	10.30	448,668.00	0
Parking Lot	3.16	Acre	3.16	137,649.60	0
Parking Lot	10.50	Acre	10.50	457,380.00	0
Hotel	231.00	Room	0.77	132,000.00	0
Discount Club	148.00	1000sqft	3.40	148,000.00	0
Gasoline/Service Station	20.00	Pump	0.06	2,823.50	0
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Strip Mall	184.04	1000sqft	4.22	184,037.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	64
Climate Zone	4			**Operational Year**	2020
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Specific Information

Architectural Coating - Other Non-Asphalt Surfaces would not have architectural coatings

Construction Off-road Equipment Mitigation - Tier 3 Equipment for equipment greater than 50HP

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	235,930.00	68,500.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	235,930.00	75,411.75
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tblArchitecturalCoating	ConstArea_Nonresidential_Interior	707,791.00	205,500.00
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tblArchitecturalCoating	ConstArea_Nonresidential_Interior	707,791.00	276,055.50
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tblArchitecturalCoating	ConstArea_Parking	82,015.00	26,022.74
tblArchitecturalCoating	ConstArea_Parking	82,015.00	26,528.04
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3

tblConstructionPhase	NumDays	55.00	21.00
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tblConstructionPhase	NumDays	30.00	15.00
tblConstructionPhase	NumDays	30.00	11.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblLandUse	LandUseSquareFeet	335,412.00	132,000.00
tblLandUse	LandUseSquareFeet	184,040.00	184,037.00
tblLandUse	LotAcreage	7.70	0.77
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	UsageHours	7.00	8.00
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tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT

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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.6078	7.0783	5.2573	0.0128	0.6885	0.2907	0.9792	0.2625	0.2713	0.5338	0.0000	1,143.5509	1,143.5509	0.2216	0.0000	1,149.0905
2021	0.8408	0.5733	0.5744	1.2100e-003	0.0369	0.0277	0.0646	9.6800e-003	0.0261	0.0357	0.0000	106.8633	106.8633	0.0182	0.0000	107.3170
2030	1.3726	1.6899	2.6702	8.6000e-003	0.5892	0.0353	0.6245	0.2266	0.0352	0.2618	0.0000	787.0846	787.0846	0.0305	0.0000	787.8467
2031	0.0110	0.0185	0.0401	7.0000e-005	4.1000e-004	8.3000e-004	1.2300e-003	1.0000e-004	8.3000e-004	9.3000e-004	0.0000	6.4385	6.4385	3.0000e-004	0.0000	6.4460
Maximum	**1.6078**	**7.0783**	**5.2573**	**0.0128**	**0.6885**	**0.2907**	**0.9792**	**0.2625**	**0.2713**	**0.5338**	**0.0000**	**1,143.5509**	**1,143.5509**	**0.2216**	**0.0000**	**1,149.0905**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.2668	5.2604	5.9854	0.0128	0.6885	0.2137	0.9022	0.2625	0.2135	0.4760	0.0000	1,143.5500	1,143.5500	0.2216	0.0000	1,149.0896
2021	0.8123	0.4857	0.6211	1.2100e-003	0.0369	0.0252	0.0621	9.6800e-003	0.0251	0.0348	0.0000	106.8632	106.8632	0.0182	0.0000	107.3170
2030	1.2498	2.7736	3.3673	8.6000e-003	0.5892	0.1235	0.7126	0.2266	0.1234	0.3500	0.0000	787.0840	787.0840	0.0305	0.0000	787.8461
2031	8.9200e-003	0.0290	0.0437	7.0000e-005	4.1000e-004	1.5300e-003	1.9300e-003	1.0000e-004	1.5300e-003	1.6300e-003	0.0000	6.4385	6.4385	3.0000e-004	0.0000	6.4460
Maximum	**1.2668**	**5.2604**	**5.9854**	**0.0128**	**0.6885**	**0.2137**	**0.9022**	**0.2625**	**0.2135**	**0.4760**	**0.0000**	**1,143.5500**	**1,143.5500**	**0.2216**	**0.0000**	**1,149.0896**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**12.90**	**8.67**	**-17.27**	**0.00**	**0.00**	**-2.64**	**-0.56**	**0.00**	**-9.04**	**-3.62**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-6-2020	7-5-2020	5.5758	4.0474
2	7-6-2020	10-5-2020	2.0782	1.6868
3	10-6-2020	1-5-2021	1.0167	0.7777
4	1-6-2021	4-5-2021	1.3717	1.2631
40	1-6-2030	4-5-2030	0.7216	1.1876
41	4-6-2030	7-5-2030	0.5620	0.7545
42	7-6-2030	10-5-2030	0.4399	0.6260
43	10-6-2030	1-5-2031	1.3596	1.4724
44	1-6-2031	4-5-2031	0.0084	0.0108
		Highest	5.5758	4.0474

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2063	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Energy	0.0363	0.3295	0.2768	1.9800e-003		0.0250	0.0250		0.0250	0.0250	0.0000	1,812.5169	1,812.5169	0.0726	0.0202	1,820.3450
Mobile	4.7853	20.6799	45.0663	0.1278	9.9978	0.1455	10.1433	2.6839	0.1367	2.8207	0.0000	11,721.1523	11,721.1523	0.5290	0.0000	11,734.3768
Waste						0.0000	0.0000		0.0000	0.0000	197.3559	0.0000	197.3559	11.6634	0.0000	488.9410
Water						0.0000	0.0000		0.0000	0.0000	9.8637	65.3491	75.2127	1.0161	0.0245	107.9247
Total	**7.0278**	**21.0094**	**45.3489**	**0.1298**	**9.9978**	**0.1705**	**10.1683**	**2.6839**	**0.1618**	**2.8457**	**207.2196**	**13,599.0293**	**13,806.2489**	**13.2811**	**0.0447**	**14,151.5992**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2063	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Energy	0.0363	0.3295	0.2768	1.9800e-003		0.0250	0.0250		0.0250	0.0250	0.0000	1,812.5169	1,812.5169	0.0726	0.0202	1,820.3450
Mobile	4.7853	20.6799	45.0663	0.1278	9.9978	0.1455	10.1433	2.6839	0.1367	2.8207	0.0000	11,721.1523	11,721.1523	0.5290	0.0000	11,734.3768
Waste						0.0000	0.0000		0.0000	0.0000	197.3559	0.0000	197.3559	11.6634	0.0000	488.9410
Water						0.0000	0.0000		0.0000	0.0000	9.8637	65.3491	75.2127	1.0161	0.0245	107.9247
Total	**7.0278**	**21.0094**	**45.3489**	**0.1298**	**9.9978**	**0.1705**	**10.1683**	**2.6839**	**0.1618**	**2.8457**	**207.2196**	**13,599.0293**	**13,806.2489**	**13.2811**	**0.0447**	**14,151.5992**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase 1A-Grading/Excavation	Grading	4/6/2020	5/10/2020	6	30	
2	Phase 1B-Grading/Excavation	Grading	4/6/2020	6/15/2020	5	51	
3	Phase 1A-Drainage/Utilities/Sub-Grade	Site Preparation	4/22/2020	4/29/2020	6	7	
4	Phase 1A-Foundations/Concrete Pour	Site Preparation	4/29/2020	5/15/2020	6	15	
5	Phase 1A-Building Construction	Building Construction	5/16/2020	7/24/2020	6	60	
6	Phase 1A-Architectural Coatings	Architectural Coating	5/28/2020	7/24/2020	6	50	
7	Phase 1B-Drainage/Utilities/Sub-Grade	Site Preparation	6/16/2020	6/30/2020	5	11	
8	Phase 1B-Foundations/Concrete Pour	Site Preparation	7/1/2020	7/30/2020	5	22	
9	Phase 1A-Paving	Paving	7/17/2020	7/24/2020	6	7	

10	Phase 1B-Building Construction	Building Construction	7/31/2020	2/23/2021	5	148	
11	Phase 1B-Architectural Coatings	Architectural Coating	2/24/2021	3/20/2021	5	18	
12	Phase 1B-Paving	Paving	3/21/2021	4/5/2021	5	11	
13	Phase 2-Demolition	Demolition	1/7/2030	2/3/2030	5	20	
14	Phase 2-Grading/Excavation	Grading	2/4/2030	3/2/2030	5	20	
15	Phase 2-Drainage/Utilities/Sub-Grade	Site Preparation	3/3/2030	4/6/2030	5	25	
16	Phase 2-Foundations/Concrete Pour	Site Preparation	4/6/2030	4/28/2030	5	15	
17	Phase 2-Building Construction	Building Construction	4/30/2030	11/11/2030	5	140	
18	Phase 2-Architectural Coatings	Architectural Coating	11/12/2030	12/9/2030	5	20	
19	Phase 2-Paving	Paving	12/10/2030	1/7/2031	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 31.38

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 226,235; Non-Residential Outdoor: 75,412; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 1A-Grading/Excavation	Graders	1	8.00	187	0.41
Phase 1A-Grading/Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Phase 1A-Grading/Excavation	Scrapers	6	8.00	367	0.48
Phase 1A-Grading/Excavation	Off-Highway Trucks	1	8.00	402	0.38
Phase 1A-Grading/Excavation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1A-Drainage/Utilities/Sub-Grade	Dumpers/Tenders	1	8.00	16	0.38
Phase 1A-Drainage/Utilities/Sub-Grade	Off-Highway Tractors	3	8.00	124	0.44
Phase 1A-Drainage/Utilities/Sub-Grade	Off-Highway Trucks	2	8.00	402	0.38
Phase 1A-Drainage/Utilities/Sub-Grade	Rollers	3	8.00	80	0.38
Phase 1A-Drainage/Utilities/Sub-Grade	Skid Steer Loaders	2	8.00	65	0.37
Phase 1A-Foundations/Concrete Pour	Cement and Mortar Mixers	60	8.00	9	0.56
Phase 1A-Foundations/Concrete Pour	Forklifts	3	8.00	89	0.20

Phase 1A-Foundations/Concrete Pour	Generator Sets	1	8.00	84	0.74
Phase 1A-Foundations/Concrete Pour	Pumps	1	8.00	84	0.74
Phase 1A-Building Construction	Graders	2	8.00	187	0.41
Phase 1A-Building Construction	Off-Highway Tractors	10	8.00	124	0.44
Phase 1A-Building Construction	Generator Sets	1	8.00	84	0.74
Phase 1A-Building Construction	Welders	1	8.00	46	0.45
Phase 1A-Architectural Coatings	Air Compressors	1	8.00	78	0.48
Phase 1A-Paving	Off-Highway Tractors	3	8.00	124	0.44
Phase 1A-Paving	Off-Highway Trucks	3	8.00	402	0.38
Phase 1A-Paving	Paving Equipment	2	8.00	132	0.36
Phase 1A-Paving	Rollers	3	8.00	80	0.38
Phase 1A-Paving	Skid Steer Loaders	1	8.00	65	0.37
Phase 1B-Grading/Excavation	Excavators	1	8.00	158	0.38
Phase 1B-Grading/Excavation	Graders	1	8.00	187	0.41
Phase 1B-Grading/Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Phase 1B-Grading/Excavation	Off-Highway Trucks	1	8.00	402	0.38
Phase 1B-Grading/Excavation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase 1B-Drainage/Utilities/Sub-Grade	Rubber Tired Dozers	3	8.00	247	0.40
Phase 1B-Drainage/Utilities/Sub-Grade	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase 1B-Foundations/Concrete Pour	Cranes	1	8.00	231	0.29
Phase 1B-Foundations/Concrete Pour	Forklifts	3	8.00	89	0.20
Phase 1B-Foundations/Concrete Pour	Generator Sets	1	8.00	84	0.74
Phase 1B-Foundations/Concrete Pour	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase 1B-Foundations/Concrete Pour	Pumps	1	8.00	84	0.74
Phase 1B-Building Construction	Cranes	1	8.00	231	0.29
Phase 1B-Building Construction	Forklifts	4	8.00	89	0.20
Phase 1B-Building Construction	Generator Sets	1	8.00	84	0.74
Phase 1B-Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase 1B-Building Construction	Welders	2	8.00	46	0.45
Phase 1B-Architectural Coatings	Air Compressors	1	8.00	78	0.48

Phase 1B-Paving	Pavers	2	8.00	130	0.42
Phase 1B-Paving	Paving Equipment	2	8.00	132	0.36
Phase 1B-Paving	Rollers	2	8.00	80	0.38
Phase 2-Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2-Demolition	Excavators	2	8.00	158	0.38
Phase 2-Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Phase 2-Grading/Excavation	Excavators	1	8.00	158	0.38
Phase 2-Grading/Excavation	Graders	2	8.00	187	0.41
Phase 2-Grading/Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Phase 2-Grading/Excavation	Scrapers	6	8.00	367	0.48
Phase 2-Grading/Excavation	Off-Highway Trucks	2	8.00	402	0.38
Phase 2-Grading/Excavation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 2-Drainage/Utilities/Sub-Grade	Rubber Tired Dozers	3	8.00	247	0.40
Phase 2-Drainage/Utilities/Sub-Grade	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase 2-Foundations/Concrete Pour	Cranes	1	8.00	231	0.29
Phase 2-Foundations/Concrete Pour	Forklifts	3	8.00	89	0.20
Phase 2-Foundations/Concrete Pour	Generator Sets	1	8.00	84	0.74
Phase 2-Foundations/Concrete Pour	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase 2-Foundations/Concrete Pour	Pumps	1	8.00	84	0.74
Phase 2-Building Construction	Cranes	1	8.00	231	0.29
Phase 2-Building Construction	Forklifts	3	8.00	89	0.20
Phase 2-Building Construction	Generator Sets	1	8.00	84	0.74
Phase 2-Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase 2-Building Construction	Welders	1	8.00	46	0.45
Phase 2-Architectural Coatings	Air Compressors	1	8.00	78	0.48
Phase 2-Paving	Pavers	2	8.00	130	0.42
Phase 2-Paving	Paving Equipment	2	8.00	132	0.36
Phase 2-Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase 1A-Grading/Excavation	10	26.00	0.00	800.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1A-Drainage/Utilities/Sub-	11	28.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1A-Foundations/Concrete	65	164.00	0.00	1,200.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1A-Building Construction	14	300.00	0.00	2,100.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1A-Architectural Coatings	1	60.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1A-Paving	12	30.00	0.00	14.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Grading/Excavation	7	18.00	0.00	680.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Drainage/Utilities/Sub-	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Foundations/Concrete	9	24.00	0.00	1,020.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Building Construction	11	138.00	0.00	1,944.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Architectural Coatings	1	28.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 1B-Paving	6	16.00	0.00	22.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Grading/Excavation	14	36.00	0.00	1,240.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Drainage/Utilities/Sub-	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Foundations/Concrete	9	24.00	0.00	1,860.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Building Construction	9	304.00	0.00	2,612.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Architectural Coatings	1	62.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT
Phase 2-Paving	6	6.00	0.00	42.00	10.80	7.30	20.00	LD_Mix	HHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

3.2 Phase 1A-Grading/Excavation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Fugitive Dust					0.1937	0.0000	0.1937	0.0608	0.0000	0.0608	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1258	1.4490	0.8518	1.8400e-003		0.0581	0.0581		0.0534	0.0534	0.0000	161.2731	161.2731	0.0522	0.0000	162.5771
Total	**0.1258**	**1.4490**	**0.8518**	**1.8400e-003**	**0.1937**	**0.0581**	**0.2518**	**0.0608**	**0.0534**	**0.1142**	**0.0000**	**161.2731**	**161.2731**	**0.0522**	**0.0000**	**162.5771**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.3400e-003	0.1170	0.0235	3.2000e-004	6.7600e-003	3.8000e-004	7.1300e-003	1.8600e-003	3.6000e-004	2.2200e-003	0.0000	30.6549	30.6549	1.5800e-003	0.0000	30.6944
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2900e-003	9.2000e-004	9.5800e-003	3.0000e-005	3.0800e-003	2.0000e-005	3.1000e-003	8.2000e-004	2.0000e-005	8.4000e-004	0.0000	2.6999	2.6999	7.0000e-005	0.0000	2.7015
Total	**4.6300e-003**	**0.1179**	**0.0331**	**3.5000e-004**	**9.8400e-003**	**4.0000e-004**	**0.0102**	**2.6800e-003**	**3.8000e-004**	**3.0600e-003**	**0.0000**	**33.3548**	**33.3548**	**1.6500e-003**	**0.0000**	**33.3959**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1937	0.0000	0.1937	0.0608	0.0000	0.0608	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0451	0.8762	0.9879	1.8400e-003		0.0341	0.0341		0.0341	0.0341	0.0000	161.2729	161.2729	0.0522	0.0000	162.5769

Total	**0.0451**	**0.8762**	**0.9879**	**1.8400e-003**	**0.1937**	**0.0341**	**0.2278**	**0.0608**	**0.0341**	**0.0949**	**0.0000**	**161.2729**	**161.2729**	**0.0522**	**0.0000**	**162.5769**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.3400e-003	0.1170	0.0235	3.2000e-004	6.7600e-003	3.8000e-004	7.1300e-003	1.8600e-003	3.6000e-004	2.2200e-003	0.0000	30.6549	30.6549	1.5800e-003	0.0000	30.6944
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2900e-003	9.2000e-004	9.5800e-003	3.0000e-005	3.0800e-003	2.0000e-005	3.1000e-003	8.2000e-004	2.0000e-005	8.4000e-004	0.0000	2.6999	2.6999	7.0000e-005	0.0000	2.7015
Total	**4.6300e-003**	**0.1179**	**0.0331**	**3.5000e-004**	**9.8400e-003**	**4.0000e-004**	**0.0102**	**2.6800e-003**	**3.8000e-004**	**3.0600e-003**	**0.0000**	**33.3548**	**33.3548**	**1.6500e-003**	**0.0000**	**33.3959**

3.3 Phase 1B-Grading/Excavation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1671	0.0000	0.1671	0.0859	0.0000	0.0859	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0788	0.8341	0.5065	1.0900e-003		0.0384	0.0384		0.0353	0.0353	0.0000	96.0284	96.0284	0.0311	0.0000	96.8049
Total	**0.0788**	**0.8341**	**0.5065**	**1.0900e-003**	**0.1671**	**0.0384**	**0.2054**	**0.0859**	**0.0353**	**0.1212**	**0.0000**	**96.0284**	**96.0284**	**0.0311**	**0.0000**	**96.8049**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8400e-003	0.0994	0.0200	2.7000e-004	5.7400e-003	3.2000e-004	6.0600e-003	1.5800e-003	3.1000e-004	1.8900e-003	0.0000	26.0567	26.0567	1.3400e-003	0.0000	26.0902
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5200e-003	1.0900e-003	0.0113	4.0000e-005	3.6300e-003	2.0000e-005	3.6500e-003	9.6000e-004	2.0000e-005	9.9000e-004	0.0000	3.1776	3.1776	8.0000e-005	0.0000	3.1795
Total	**4.3600e-003**	**0.1005**	**0.0313**	**3.1000e-004**	**9.3700e-003**	**3.4000e-004**	**9.7100e-003**	**2.5400e-003**	**3.3000e-004**	**2.8800e-003**	**0.0000**	**29.2343**	**29.2343**	**1.4200e-003**	**0.0000**	**29.2697**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1671	0.0000	0.1671	0.0859	0.0000	0.0859	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0268	0.5378	0.6629	1.0900e-003		0.0253	0.0253		0.0253	0.0253	0.0000	96.0283	96.0283	0.0311	0.0000	96.8048
Total	**0.0268**	**0.5378**	**0.6629**	**1.0900e-003**	**0.1671**	**0.0253**	**0.1924**	**0.0859**	**0.0253**	**0.1112**	**0.0000**	**96.0283**	**96.0283**	**0.0311**	**0.0000**	**96.8048**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	2.8400e-003	0.0994	0.0200	2.7000e-004	5.7400e-003	3.2000e-004	6.0600e-003	1.5800e-003	3.1000e-004	1.8900e-003	0.0000	26.0567	26.0567	1.3400e-003	0.0000	26.0902
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5200e-003	1.0900e-003	0.0113	4.0000e-005	3.6300e-003	2.0000e-005	3.6500e-003	9.6000e-004	2.0000e-005	9.9000e-004	0.0000	3.1776	3.1776	8.0000e-005	0.0000	3.1795
Total	**4.3600e-003**	**0.1005**	**0.0313**	**3.1000e-004**	**9.3700e-003**	**3.4000e-004**	**9.7100e-003**	**2.5400e-003**	**3.3000e-004**	**2.8800e-003**	**0.0000**	**29.2343**	**29.2343**	**1.4200e-003**	**0.0000**	**29.2697**

3.4 Phase 1A-Drainage/Utilities/Sub-Grade - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.1044	0.0896	1.9000e-004		4.8100e-003	4.8100e-003		4.4300e-003	4.4300e-003	0.0000	16.3391	16.3391	5.2400e-003	0.0000	16.4702
Total	**0.0104**	**0.1044**	**0.0896**	**1.9000e-004**	**0.0000**	**4.8100e-003**	**4.8100e-003**	**0.0000**	**4.4300e-003**	**4.4300e-003**	**0.0000**	**16.3391**	**16.3391**	**5.2400e-003**	**0.0000**	**16.4702**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.3000e-004	2.4100e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.8000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6784	0.6784	2.0000e-005	0.0000	0.6789
Total	**3.2000e-004**	**2.3000e-004**	**2.4100e-003**	**1.0000e-005**	**7.7000e-004**	**1.0000e-005**	**7.8000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.6784**	**0.6784**	**2.0000e-005**	**0.0000**	**0.6789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7600e-003	0.0924	0.1191	1.9000e-004		4.5000e-003	4.5000e-003		4.5000e-003	4.5000e-003	0.0000	16.3391	16.3391	5.2400e-003	0.0000	16.4702
Total	**4.7600e-003**	**0.0924**	**0.1191**	**1.9000e-004**	**0.0000**	**4.5000e-003**	**4.5000e-003**	**0.0000**	**4.5000e-003**	**4.5000e-003**	**0.0000**	**16.3391**	**16.3391**	**5.2400e-003**	**0.0000**	**16.4702**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.3000e-004	2.4100e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.8000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6784	0.6784	2.0000e-005	0.0000	0.6789
Total	**3.2000e-004**	**2.3000e-004**	**2.4100e-003**	**1.0000e-005**	**7.7000e-004**	**1.0000e-005**	**7.8000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.6784**	**0.6784**	**2.0000e-005**	**0.0000**	**0.6789**

3.5 Phase 1A-Foundations/Concrete Pour - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0359	0.2474	0.2214	4.5000e-004		0.0116	0.0116		0.0115	0.0115	0.0000	32.1221	32.1221	3.6100e-003	0.0000	32.2124
Total	**0.0359**	**0.2474**	**0.2214**	**4.5000e-004**	**0.0000**	**0.0116**	**0.0116**	**0.0000**	**0.0115**	**0.0115**	**0.0000**	**32.1221**	**32.1221**	**3.6100e-003**	**0.0000**	**32.2124**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0100e-003	0.1754	0.0353	4.7000e-004	0.0101	5.7000e-004	0.0107	2.7900e-003	5.4000e-004	3.3300e-003	0.0000	45.9824	45.9824	2.3700e-003	0.0000	46.0416
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0800e-003	2.9200e-003	0.0302	9.0000e-005	9.7200e-003	7.0000e-005	9.7800e-003	2.5900e-003	6.0000e-005	2.6500e-003	0.0000	8.5151	8.5151	2.1000e-004	0.0000	8.5202
Total	**9.0900e-003**	**0.1783**	**0.0655**	**5.6000e-004**	**0.0199**	**6.4000e-004**	**0.0205**	**5.3800e-003**	**6.0000e-004**	**5.9800e-003**	**0.0000**	**54.4974**	**54.4974**	**2.5800e-003**	**0.0000**	**54.5618**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0293	0.2301	0.2258	4.5000e-004		0.0110	0.0110		0.0110	0.0110	0.0000	32.1221	32.1221	3.6100e-003	0.0000	32.2123
Total	**0.0293**	**0.2301**	**0.2258**	**4.5000e-004**	**0.0000**	**0.0110**	**0.0110**	**0.0000**	**0.0110**	**0.0110**	**0.0000**	**32.1221**	**32.1221**	**3.6100e-003**	**0.0000**	**32.2123**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0100e-003	0.1754	0.0353	4.7000e-004	0.0101	5.7000e-004	0.0107	2.7900e-003	5.4000e-004	3.3300e-003	0.0000	45.9824	45.9824	2.3700e-003	0.0000	46.0416
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0800e-003	2.9200e-003	0.0302	9.0000e-005	9.7200e-003	7.0000e-005	9.7800e-003	2.5900e-003	6.0000e-005	2.6500e-003	0.0000	8.5151	8.5151	2.1000e-004	0.0000	8.5202
Total	**9.0900e-003**	**0.1783**	**0.0655**	**5.6000e-004**	**0.0199**	**6.4000e-004**	**0.0205**	**5.3800e-003**	**6.0000e-004**	**5.9800e-003**	**0.0000**	**54.4974**	**54.4974**	**2.5800e-003**	**0.0000**	**54.5618**

3.6 Phase 1A-Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1290	1.3654	1.2012	2.0800e-003		0.0611	0.0611		0.0569	0.0569	0.0000	181.4380	181.4380	0.0532	0.0000	182.7670
Total	**0.1290**	**1.3654**	**1.2012**	**2.0800e-003**		**0.0611**	**0.0611**		**0.0569**	**0.0569**	**0.0000**	**181.4380**	**181.4380**	**0.0532**	**0.0000**	**182.7670**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.7600e-003	0.3070	0.0617	8.3000e-004	0.0177	9.9000e-004	0.0187	4.8800e-003	9.5000e-004	5.8200e-003	0.0000	80.4692	80.4692	4.1400e-003	0.0000	80.5727
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0298	0.0213	0.2211	6.9000e-004	0.0711	4.8000e-004	0.0716	0.0189	4.4000e-004	0.0194	0.0000	62.3053	62.3053	1.5100e-003	0.0000	62.3430
Total	**0.0386**	**0.3283**	**0.2827**	**1.5200e-003**	**0.0889**	**1.4700e-003**	**0.0903**	**0.0238**	**1.3900e-003**	**0.0252**	**0.0000**	**142.7744**	**142.7744**	**5.6500e-003**	**0.0000**	**142.9157**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0586	0.9952	1.4538	2.0800e-003		0.0484	0.0484		0.0484	0.0484	0.0000	181.4378	181.4378	0.0532	0.0000	182.7668
Total	**0.0586**	**0.9952**	**1.4538**	**2.0800e-003**		**0.0484**	**0.0484**		**0.0484**	**0.0484**	**0.0000**	**181.4378**	**181.4378**	**0.0532**	**0.0000**	**182.7668**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	8.7600e-003	0.3070	0.0617	8.3000e-004	0.0177	9.9000e-004	0.0187	4.8800e-003	9.5000e-004	5.8200e-003	0.0000	80.4692	80.4692	4.1400e-003	0.0000	80.5727
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0298	0.0213	0.2211	6.9000e-004	0.0711	4.8000e-004	0.0716	0.0189	4.4000e-004	0.0194	0.0000	62.3053	62.3053	1.5100e-003	0.0000	62.3430
Total	**0.0386**	**0.3283**	**0.2827**	**1.5200e-003**	**0.0889**	**1.4700e-003**	**0.0903**	**0.0238**	**1.3900e-003**	**0.0252**	**0.0000**	**142.7744**	**142.7744**	**5.6500e-003**	**0.0000**	**142.9157**

3.7 Phase 1A-Architectural Coatings - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8769					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.0700e-003	0.0561	0.0611	1.0000e-004		3.7000e-003	3.7000e-003		3.7000e-003	3.7000e-003	0.0000	8.5109	8.5109	6.6000e-004	0.0000	8.5273
Total	**0.8850**	**0.0561**	**0.0611**	**1.0000e-004**		**3.7000e-003**	**3.7000e-003**		**3.7000e-003**	**3.7000e-003**	**0.0000**	**8.5109**	**8.5109**	**6.6000e-004**	**0.0000**	**8.5273**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9700e-003	3.5600e-003	0.0368	1.1000e-004	0.0119	8.0000e-005	0.0119	3.1500e-003	7.0000e-005	3.2300e-003	0.0000	10.3842	10.3842	2.5000e-004	0.0000	10.3905
Total	**4.9700e-003**	**3.5600e-003**	**0.0368**	**1.1000e-004**	**0.0119**	**8.0000e-005**	**0.0119**	**3.1500e-003**	**7.0000e-005**	**3.2300e-003**	**0.0000**	**10.3842**	**10.3842**	**2.5000e-004**	**0.0000**	**10.3905**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8769					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9800e-003	0.0452	0.0611	1.0000e-004		3.1700e-003	3.1700e-003		3.1700e-003	3.1700e-003	0.0000	8.5108	8.5108	6.6000e-004	0.0000	8.5273
Total	**0.8789**	**0.0452**	**0.0611**	**1.0000e-004**		**3.1700e-003**	**3.1700e-003**		**3.1700e-003**	**3.1700e-003**	**0.0000**	**8.5108**	**8.5108**	**6.6000e-004**	**0.0000**	**8.5273**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9700e-003	3.5600e-003	0.0368	1.1000e-004	0.0119	8.0000e-005	0.0119	3.1500e-003	7.0000e-005	3.2300e-003	0.0000	10.3842	10.3842	2.5000e-004	0.0000	10.3905
Total	**4.9700e-003**	**3.5600e-003**	**0.0368**	**1.1000e-004**	**0.0119**	**8.0000e-005**	**0.0119**	**3.1500e-003**	**7.0000e-005**	**3.2300e-003**	**0.0000**	**10.3842**	**10.3842**	**2.5000e-004**	**0.0000**	**10.3905**

3.8 Phase 1B-Drainage/Utilities/Sub-Grade - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0994	0.0000	0.0994	0.0546	0.0000	0.0546	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0224	0.2333	0.1183	2.1000e-004		0.0121	0.0121		0.0111	0.0111	0.0000	18.3869	18.3869	5.9500e-003	0.0000	18.5355
Total	**0.0224**	**0.2333**	**0.1183**	**2.1000e-004**	**0.0994**	**0.0121**	**0.1115**	**0.0546**	**0.0111**	**0.0657**	**0.0000**	**18.3869**	**18.3869**	**5.9500e-003**	**0.0000**	**18.5355**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.3000e-004	2.4300e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6854	0.6854	2.0000e-005	0.0000	0.6858
Total	**3.3000e-004**	**2.3000e-004**	**2.4300e-003**	**1.0000e-005**	**7.8000e-004**	**1.0000e-005**	**7.9000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.6854**	**0.6854**	**2.0000e-005**	**0.0000**	**0.6858**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0994	0.0000	0.0994	0.0546	0.0000	0.0546	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	5.1200e-003	0.1049	0.1263	2.1000e-004		5.2000e-003	5.2000e-003		5.2000e-003	5.2000e-003	0.0000	18.3869	18.3869	5.9500e-003	0.0000	18.5355
Total	**5.1200e-003**	**0.1049**	**0.1263**	**2.1000e-004**	**0.0994**	**5.2000e-003**	**0.1046**	**0.0546**	**5.2000e-003**	**0.0598**	**0.0000**	**18.3869**	**18.3869**	**5.9500e-003**	**0.0000**	**18.5355**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.3000e-004	2.4300e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6854	0.6854	2.0000e-005	0.0000	0.6858
Total	**3.3000e-004**	**2.3000e-004**	**2.4300e-003**	**1.0000e-005**	**7.8000e-004**	**1.0000e-005**	**7.9000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.6854**	**0.6854**	**2.0000e-005**	**0.0000**	**0.6858**

3.9 Phase 1B-Foundations/Concrete Pour - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0257	0.2487	0.2196	3.6000e-004		0.0145	0.0145		0.0137	0.0137	0.0000	31.4465	31.4465	6.8700e-003	0.0000	31.6183
Total	**0.0257**	**0.2487**	**0.2196**	**3.6000e-004**	**0.0000**	**0.0145**	**0.0145**	**0.0000**	**0.0137**	**0.0137**	**0.0000**	**31.4465**	**31.4465**	**6.8700e-003**	**0.0000**	**31.6183**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.2600e-003	0.1491	0.0300	4.0000e-004	8.6100e-003	4.8000e-004	9.1000e-003	2.3700e-003	4.6000e-004	2.8300e-003	0.0000	39.0850	39.0850	2.0100e-003	0.0000	39.1353
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7000e-004	6.3000e-004	6.4800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.5000e-004	1.0000e-005	5.7000e-004	0.0000	1.8276	1.8276	4.0000e-005	0.0000	1.8287
Total	**5.1300e-003**	**0.1497**	**0.0365**	**4.2000e-004**	**0.0107**	**4.9000e-004**	**0.0112**	**2.9200e-003**	**4.7000e-004**	**3.4000e-003**	**0.0000**	**40.9127**	**40.9127**	**2.0500e-003**	**0.0000**	**40.9641**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.2000e-003	0.1819	0.2387	3.6000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	31.4465	31.4465	6.8700e-003	0.0000	31.6182
Total	**8.2000e-003**	**0.1819**	**0.2387**	**3.6000e-004**	**0.0000**	**0.0118**	**0.0118**	**0.0000**	**0.0118**	**0.0118**	**0.0000**	**31.4465**	**31.4465**	**6.8700e-003**	**0.0000**	**31.6182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	4.2600e-003	0.1491	0.0300	4.0000e-004	8.6100e-003	4.8000e-004	9.1000e-003	2.3700e-003	4.6000e-004	2.8300e-003	0.0000	39.0850	39.0850	2.0100e-003	0.0000	39.1353
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7000e-004	6.3000e-004	6.4800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.5000e-004	1.0000e-005	5.7000e-004	0.0000	1.8276	1.8276	4.0000e-005	0.0000	1.8287
Total	**5.1300e-003**	**0.1497**	**0.0365**	**4.2000e-004**	**0.0107**	**4.9000e-004**	**0.0112**	**2.9200e-003**	**4.7000e-004**	**3.4000e-003**	**0.0000**	**40.9127**	**40.9127**	**2.0500e-003**	**0.0000**	**40.9641**

3.10 Phase 1A-Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0136	0.1362	0.1150	2.5000e-004		6.1400e-003	6.1400e-003		5.6500e-003	5.6500e-003	0.0000	22.0753	22.0753	7.1400e-003	0.0000	22.2538
Paving	0.0314					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0450**	**0.1362**	**0.1150**	**2.5000e-004**		**6.1400e-003**	**6.1400e-003**		**5.6500e-003**	**5.6500e-003**	**0.0000**	**22.0753**	**22.0753**	**7.1400e-003**	**0.0000**	**22.2538**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	2.0500e-003	4.1000e-004	1.0000e-005	1.2000e-004	1.0000e-005	1.2000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.5365	0.5365	3.0000e-005	0.0000	0.5372
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.5000e-004	2.5800e-003	1.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	0.7269	0.7269	2.0000e-005	0.0000	0.7273
Total	**4.1000e-004**	**2.3000e-003**	**2.9900e-003**	**2.0000e-005**	**9.5000e-004**	**2.0000e-005**	**9.6000e-004**	**2.5000e-004**	**2.0000e-005**	**2.7000e-004**	**0.0000**	**1.2634**	**1.2634**	**5.0000e-005**	**0.0000**	**1.2645**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.1600e-003	0.1222	0.1590	2.5000e-004		5.6400e-003	5.6400e-003		5.6400e-003	5.6400e-003	0.0000	22.0752	22.0752	7.1400e-003	0.0000	22.2537
Paving	0.0314					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0376**	**0.1222**	**0.1590**	**2.5000e-004**		**5.6400e-003**	**5.6400e-003**		**5.6400e-003**	**5.6400e-003**	**0.0000**	**22.0752**	**22.0752**	**7.1400e-003**	**0.0000**	**22.2537**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	2.0500e-003	4.1000e-004	1.0000e-005	1.2000e-004	1.0000e-005	1.2000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.5365	0.5365	3.0000e-005	0.0000	0.5372
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.5000e-004	2.5800e-003	1.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	0.7269	0.7269	2.0000e-005	0.0000	0.7273
Total	**4.1000e-004**	**2.3000e-003**	**2.9900e-003**	**2.0000e-005**	**9.5000e-004**	**2.0000e-005**	**9.6000e-004**	**2.5000e-004**	**2.0000e-005**	**2.7000e-004**	**0.0000**	**1.2634**	**1.2634**	**5.0000e-005**	**0.0000**	**1.2645**

3.11 Phase 1B-Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1508	1.2935	1.1503	1.8100e-003		0.0758	0.0758		0.0714	0.0714	0.0000	154.2363	154.2363	0.0379	0.0000	155.1849
Total	**0.1508**	**1.2935**	**1.1503**	**1.8100e-003**		**0.0758**	**0.0758**		**0.0714**	**0.0714**	**0.0000**	**154.2363**	**154.2363**	**0.0379**	**0.0000**	**155.1849**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0300e-003	0.2112	0.0425	5.7000e-004	0.0154	6.8000e-004	0.0160	4.1300e-003	6.5000e-004	4.7800e-003	0.0000	55.3653	55.3653	2.8500e-003	0.0000	55.4365
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0252	0.0180	0.1864	5.8000e-004	0.0600	4.0000e-004	0.0604	0.0160	3.7000e-004	0.0163	0.0000	52.5441	52.5441	1.2700e-003	0.0000	52.5759
Total	**0.0312**	**0.2292**	**0.2289**	**1.1500e-003**	**0.0753**	**1.0800e-003**	**0.0764**	**0.0201**	**1.0200e-003**	**0.0211**	**0.0000**	**107.9094**	**107.9094**	**4.1200e-003**	**0.0000**	**108.0124**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0735	0.9642	1.2284	1.8100e-003		0.0602	0.0602		0.0602	0.0602	0.0000	154.2362	154.2362	0.0379	0.0000	155.1848

Total	**0.0735**	**0.9642**	**1.2284**	**1.8100e-003**		**0.0602**	**0.0602**		**0.0602**	**0.0602**	**0.0000**	**154.2362**	**154.2362**	**0.0379**	**0.0000**	**155.1848**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0300e-003	0.2112	0.0425	5.7000e-004	0.0154	6.8000e-004	0.0160	4.1300e-003	6.5000e-004	4.7800e-003	0.0000	55.3653	55.3653	2.8500e-003	0.0000	55.4365
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0252	0.0180	0.1864	5.8000e-004	0.0600	4.0000e-004	0.0604	0.0160	3.7000e-004	0.0163	0.0000	52.5441	52.5441	1.2700e-003	0.0000	52.5759
Total	**0.0312**	**0.2292**	**0.2289**	**1.1500e-003**	**0.0753**	**1.0800e-003**	**0.0764**	**0.0201**	**1.0200e-003**	**0.0211**	**0.0000**	**107.9094**	**107.9094**	**4.1200e-003**	**0.0000**	**108.0124**

3.11 Phase 1B-Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0466	0.4073	0.3906	6.2000e-004		0.0225	0.0225		0.0212	0.0212	0.0000	53.2876	53.2876	0.0129	0.0000	53.6108
Total	**0.0466**	**0.4073**	**0.3906**	**6.2000e-004**		**0.0225**	**0.0225**		**0.0212**	**0.0212**	**0.0000**	**53.2876**	**53.2876**	**0.0129**	**0.0000**	**53.6108**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9700e-003	0.0674	0.0144	1.9000e-004	0.0134	2.1000e-004	0.0136	3.4000e-003	2.0000e-004	3.6000e-003	0.0000	18.8809	18.8809	9.6000e-004	0.0000	18.9050
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0500e-003	5.5500e-003	0.0588	1.9000e-004	0.0207	1.4000e-004	0.0209	5.5100e-003	1.2000e-004	5.6400e-003	0.0000	17.5147	17.5147	3.9000e-004	0.0000	17.5245
Total	**0.0100**	**0.0729**	**0.0732**	**3.8000e-004**	**0.0341**	**3.5000e-004**	**0.0344**	**8.9100e-003**	**3.2000e-004**	**9.2400e-003**	**0.0000**	**36.3956**	**36.3956**	**1.3500e-003**	**0.0000**	**36.4295**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0239	0.3307	0.4225	6.2000e-004		0.0203	0.0203		0.0203	0.0203	0.0000	53.2875	53.2875	0.0129	0.0000	53.6107
Total	**0.0239**	**0.3307**	**0.4225**	**6.2000e-004**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**53.2875**	**53.2875**	**0.0129**	**0.0000**	**53.6107**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	1.9700e-003	0.0674	0.0144	1.9000e-004	0.0134	2.1000e-004	0.0136	3.4000e-003	2.0000e-004	3.6000e-003	0.0000	18.8809	18.8809	9.6000e-004	0.0000	18.9050
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0500e-003	5.5500e-003	0.0588	1.9000e-004	0.0207	1.4000e-004	0.0209	5.5100e-003	1.2000e-004	5.6400e-003	0.0000	17.5147	17.5147	3.9000e-004	0.0000	17.5245
Total	**0.0100**	**0.0729**	**0.0732**	**3.8000e-004**	**0.0341**	**3.5000e-004**	**0.0344**	**8.9100e-003**	**3.2000e-004**	**9.2400e-003**	**0.0000**	**36.3956**	**36.3956**	**1.3500e-003**	**0.0000**	**36.4295**

3.12 Phase 1B-Architectural Coatings - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7421					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6300e-003	0.0183	0.0218	4.0000e-005		1.1300e-003	1.1300e-003		1.1300e-003	1.1300e-003	0.0000	3.0639	3.0639	2.1000e-004	0.0000	3.0692
Total	**0.7448**	**0.0183**	**0.0218**	**4.0000e-005**		**1.1300e-003**	**1.1300e-003**		**1.1300e-003**	**1.1300e-003**	**0.0000**	**3.0639**	**3.0639**	**2.1000e-004**	**0.0000**	**3.0692**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	5.3000e-004	5.6500e-003	2.0000e-005	1.9900e-003	1.0000e-005	2.0000e-003	5.3000e-004	1.0000e-005	5.4000e-004	0.0000	1.6833	1.6833	4.0000e-005	0.0000	1.6843
Total	**7.7000e-004**	**5.3000e-004**	**5.6500e-003**	**2.0000e-005**	**1.9900e-003**	**1.0000e-005**	**2.0000e-003**	**5.3000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.6833**	**1.6833**	**4.0000e-005**	**0.0000**	**1.6843**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7421					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1000e-004	0.0163	0.0220	4.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	3.0639	3.0639	2.1000e-004	0.0000	3.0692
Total	**0.7428**	**0.0163**	**0.0220**	**4.0000e-005**		**1.1400e-003**	**1.1400e-003**		**1.1400e-003**	**1.1400e-003**	**0.0000**	**3.0639**	**3.0639**	**2.1000e-004**	**0.0000**	**3.0692**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	5.3000e-004	5.6500e-003	2.0000e-005	1.9900e-003	1.0000e-005	2.0000e-003	5.3000e-004	1.0000e-005	5.4000e-004	0.0000	1.6833	1.6833	4.0000e-005	0.0000	1.6843
Total	**7.7000e-004**	**5.3000e-004**	**5.6500e-003**	**2.0000e-005**	**1.9900e-003**	**1.0000e-005**	**2.0000e-003**	**5.3000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.6833**	**1.6833**	**4.0000e-005**	**0.0000**	**1.6843**

3.13 Phase 1B-Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.9100e-003	0.0711	0.0806	1.3000e-004		3.7300e-003	3.7300e-003		3.4300e-003	3.4300e-003	0.0000	11.0129	11.0129	3.5600e-003	0.0000	11.1020
Paving	0.0314					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0383**	**0.0711**	**0.0806**	**1.3000e-004**		**3.7300e-003**	**3.7300e-003**		**3.4300e-003**	**3.4300e-003**	**0.0000**	**11.0129**	**11.0129**	**3.5600e-003**	**0.0000**	**11.1020**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-005	2.9700e-003	6.3000e-004	1.0000e-005	1.9000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.8322	0.8322	4.0000e-005	0.0000	0.8333
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.9000e-004	1.9700e-003	1.0000e-005	7.0000e-004	0.0000	7.0000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.5878	0.5878	1.0000e-005	0.0000	0.5882
Total	**3.6000e-004**	**3.1600e-003**	**2.6000e-003**	**2.0000e-005**	**8.9000e-004**	**1.0000e-005**	**8.9000e-004**	**2.3000e-004**	**1.0000e-005**	**2.5000e-004**	**0.0000**	**1.4200**	**1.4200**	**5.0000e-005**	**0.0000**	**1.4214**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0900e-003	0.0621	0.0951	1.3000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	11.0129	11.0129	3.5600e-003	0.0000	11.1020

Paving	0.0314					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0345**	**0.0621**	**0.0951**	**1.3000e-004**		**3.3500e-003**	**3.3500e-003**		**3.3500e-003**	**3.3500e-003**	**0.0000**	**11.0129**	**11.0129**	**3.5600e-003**	**0.0000**	**11.1020**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-005	2.9700e-003	6.3000e-004	1.0000e-005	1.9000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.8322	0.8322	4.0000e-005	0.0000	0.8333
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.9000e-004	1.9700e-003	1.0000e-005	7.0000e-004	0.0000	7.0000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.5878	0.5878	1.0000e-005	0.0000	0.5882
Total	**3.6000e-004**	**3.1600e-003**	**2.6000e-003**	**2.0000e-005**	**8.9000e-004**	**1.0000e-005**	**8.9000e-004**	**2.3000e-004**	**1.0000e-005**	**2.5000e-004**	**0.0000**	**1.4200**	**1.4200**	**5.0000e-005**	**0.0000**	**1.4214**

3.14 Phase 2-Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0127	0.0604	0.1305	2.9000e-004		2.0600e-003	2.0600e-003		2.0600e-003	2.0600e-003	0.0000	25.2789	25.2789	1.0200e-003	0.0000	25.3043
Total	**0.0127**	**0.0604**	**0.1305**	**2.9000e-004**		**2.0600e-003**	**2.0600e-003**		**2.0600e-003**	**2.0600e-003**	**0.0000**	**25.2789**	**25.2789**	**1.0200e-003**	**0.0000**	**25.3043**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	9.0000e-005	1.1800e-003	1.0000e-005	7.9000e-004	0.0000	7.9000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.4870	0.4870	1.0000e-005	0.0000	0.4872
Total	**1.8000e-004**	**9.0000e-005**	**1.1800e-003**	**1.0000e-005**	**7.9000e-004**	**0.0000**	**7.9000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.4870**	**0.4870**	**1.0000e-005**	**0.0000**	**0.4872**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.8800e-003	0.1181	0.1623	2.9000e-004		5.9100e-003	5.9100e-003		5.9100e-003	5.9100e-003	0.0000	25.2788	25.2788	1.0200e-003	0.0000	25.3043
Total	**5.8800e-003**	**0.1181**	**0.1623**	**2.9000e-004**		**5.9100e-003**	**5.9100e-003**		**5.9100e-003**	**5.9100e-003**	**0.0000**	**25.2788**	**25.2788**	**1.0200e-003**	**0.0000**	**25.3043**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	9.0000e-005	1.1800e-003	1.0000e-005	7.9000e-004	0.0000	7.9000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.4870	0.4870	1.0000e-005	0.0000	0.4872
Total	**1.8000e-004**	**9.0000e-005**	**1.1800e-003**	**1.0000e-005**	**7.9000e-004**	**0.0000**	**7.9000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.4870**	**0.4870**	**1.0000e-005**	**0.0000**	**0.4872**

3.15 Phase 2-Grading/Excavation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1345	0.0000	0.1345	0.0411	0.0000	0.0411	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0773	0.2982	0.4168	1.6100e-003		0.0109	0.0109		0.0109	0.0109	0.0000	158.8000	158.8000	6.2200e-003	0.0000	158.9554
Total	**0.0773**	**0.2982**	**0.4168**	**1.6100e-003**	**0.1345**	**0.0109**	**0.1453**	**0.0411**	**0.0109**	**0.0520**	**0.0000**	**158.8000**	**158.8000**	**6.2200e-003**	**0.0000**	**158.9554**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.9300e-003	0.0892	0.0323	4.4000e-004	0.0105	1.6000e-004	0.0106	2.8800e-003	1.5000e-004	3.0400e-003	0.0000	42.5886	42.5886	2.0500e-003	0.0000	42.6398
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	3.3000e-004	4.2600e-003	2.0000e-005	2.8400e-003	1.0000e-005	2.8600e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	1.7533	1.7533	2.0000e-005	0.0000	1.7539
Total	**3.5700e-003**	**0.0895**	**0.0366**	**4.6000e-004**	**0.0133**	**1.7000e-004**	**0.0135**	**3.6400e-003**	**1.6000e-004**	**3.8100e-003**	**0.0000**	**44.3419**	**44.3419**	**2.0700e-003**	**0.0000**	**44.3936**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1345	0.0000	0.1345	0.0411	0.0000	0.0411	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0370	0.7199	0.8264	1.6100e-003		0.0287	0.0287		0.0287	0.0287	0.0000	158.7998	158.7998	6.2200e-003	0.0000	158.9553
Total	**0.0370**	**0.7199**	**0.8264**	**1.6100e-003**	**0.1345**	**0.0287**	**0.1631**	**0.0411**	**0.0287**	**0.0698**	**0.0000**	**158.7998**	**158.7998**	**6.2200e-003**	**0.0000**	**158.9553**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.9300e-003	0.0892	0.0323	4.4000e-004	0.0105	1.6000e-004	0.0106	2.8800e-003	1.5000e-004	3.0400e-003	0.0000	42.5886	42.5886	2.0500e-003	0.0000	42.6398
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	3.3000e-004	4.2600e-003	2.0000e-005	2.8400e-003	1.0000e-005	2.8600e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	1.7533	1.7533	2.0000e-005	0.0000	1.7539
Total	**3.5700e-003**	**0.0895**	**0.0366**	**4.6000e-004**	**0.0133**	**1.7000e-004**	**0.0135**	**3.6400e-003**	**1.6000e-004**	**3.8100e-003**	**0.0000**	**44.3419**	**44.3419**	**2.0700e-003**	**0.0000**	**44.3936**

3.16 Phase 2-Drainage/Utilities/Sub-Grade - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2258	0.0000	0.2258	0.1241	0.0000	0.1241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0305	0.1709	0.2037	5.8000e-004		5.4600e-003	5.4600e-003		5.4600e-003	5.4600e-003	0.0000	50.0058	50.0058	2.4700e-003	0.0000	50.0675
Total	**0.0305**	**0.1709**	**0.2037**	**5.8000e-004**	**0.2258**	**5.4600e-003**	**0.2313**	**0.1241**	**5.4600e-003**	**0.1296**	**0.0000**	**50.0058**	**50.0058**	**2.4700e-003**	**0.0000**	**50.0675**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.1000e-004	2.6600e-003	1.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.0958	1.0958	1.0000e-005	0.0000	1.0962
Total	**4.0000e-004**	**2.1000e-004**	**2.6600e-003**	**1.0000e-005**	**1.7800e-003**	**1.0000e-005**	**1.7900e-003**	**4.7000e-004**	**1.0000e-005**	**4.8000e-004**	**0.0000**	**1.0958**	**1.0958**	**1.0000e-005**	**0.0000**	**1.0962**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2258	0.0000	0.2258	0.1241	0.0000	0.1241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0116	0.2383	0.2870	5.8000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	50.0057	50.0057	2.4700e-003	0.0000	50.0674
Total	**0.0116**	**0.2383**	**0.2870**	**5.8000e-004**	**0.2258**	**0.0118**	**0.2377**	**0.1241**	**0.0118**	**0.1360**	**0.0000**	**50.0057**	**50.0057**	**2.4700e-003**	**0.0000**	**50.0674**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.1000e-004	2.6600e-003	1.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.0958	1.0958	1.0000e-005	0.0000	1.0962
Total	**4.0000e-004**	**2.1000e-004**	**2.6600e-003**	**1.0000e-005**	**1.7800e-003**	**1.0000e-005**	**1.7900e-003**	**4.7000e-004**	**1.0000e-005**	**4.8000e-004**	**0.0000**	**1.0958**	**1.0958**	**1.0000e-005**	**0.0000**	**1.0962**

3.17 Phase 2-Foundations/Concrete Pour - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0109	0.0679	0.1447	2.8000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003	0.0000	24.0309	24.0309	8.8000e-004	0.0000	24.0528
Total	**0.0109**	**0.0679**	**0.1447**	**2.8000e-004**	**0.0000**	**1.3600e-003**	**1.3600e-003**	**0.0000**	**1.3600e-003**	**1.3600e-003**	**0.0000**	**24.0309**	**24.0309**	**8.8000e-004**	**0.0000**	**24.0528**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.3900e-003	0.1337	0.0485	6.5000e-004	0.0157	2.4000e-004	0.0160	4.3200e-003	2.3000e-004	4.5600e-003	0.0000	63.8829	63.8829	3.0700e-003	0.0000	63.9596
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	1.7000e-004	2.1300e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	0.8766	0.8766	1.0000e-005	0.0000	0.8769
Total	**4.7100e-003**	**0.1339**	**0.0506**	**6.6000e-004**	**0.0171**	**2.5000e-004**	**0.0174**	**4.7000e-003**	**2.4000e-004**	**4.9400e-003**	**0.0000**	**64.7595**	**64.7595**	**3.0800e-003**	**0.0000**	**64.8366**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5900e-003	0.1240	0.1627	2.8000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	24.0308	24.0308	8.8000e-004	0.0000	24.0528
Total	**5.5900e-003**	**0.1240**	**0.1627**	**2.8000e-004**	**0.0000**	**8.0300e-003**	**8.0300e-003**	**0.0000**	**8.0300e-003**	**8.0300e-003**	**0.0000**	**24.0308**	**24.0308**	**8.8000e-004**	**0.0000**	**24.0528**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	4.3900e-003	0.1337	0.0485	6.5000e-004	0.0157	2.4000e-004	0.0160	4.3200e-003	2.3000e-004	4.5600e-003	0.0000	63.8829	63.8829	3.0700e-003	0.0000	63.9596
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	1.7000e-004	2.1300e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	0.8766	0.8766	1.0000e-005	0.0000	0.8769
Total	**4.7100e-003**	**0.1339**	**0.0506**	**6.6000e-004**	**0.0171**	**2.5000e-004**	**0.0174**	**4.7000e-003**	**2.4000e-004**	**4.9400e-003**	**0.0000**	**64.7595**	**64.7595**	**3.0800e-003**	**0.0000**	**64.8366**

3.18 Phase 2-Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0985	0.5901	1.2044	2.3300e-003		0.0111	0.0111		0.0111	0.0111	0.0000	197.8990	197.8990	7.9300e-003	0.0000	198.0973
Total	**0.0985**	**0.5901**	**1.2044**	**2.3300e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**197.8990**	**197.8990**	**7.9300e-003**	**0.0000**	**198.0973**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.1600e-003	0.1878	0.0681	9.2000e-004	0.0221	3.4000e-004	0.0224	6.0700e-003	3.3000e-004	6.4000e-003	0.0000	89.7108	89.7108	4.3100e-003	0.0000	89.8186
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0197	0.2515	1.1400e-003	0.1682	7.5000e-004	0.1689	0.0447	6.9000e-004	0.0454	0.0000	103.6388	103.6388	1.3500e-003	0.0000	103.6725
Total	**0.0441**	**0.2075**	**0.3196**	**2.0600e-003**	**0.1902**	**1.0900e-003**	**0.1913**	**0.0508**	**1.0200e-003**	**0.0518**	**0.0000**	**193.3496**	**193.3496**	**5.6600e-003**	**0.0000**	**193.4911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0545	1.0307	1.3469	2.3300e-003		0.0613	0.0613		0.0613	0.0613	0.0000	197.8988	197.8988	7.9300e-003	0.0000	198.0970
Total	**0.0545**	**1.0307**	**1.3469**	**2.3300e-003**		**0.0613**	**0.0613**		**0.0613**	**0.0613**	**0.0000**	**197.8988**	**197.8988**	**7.9300e-003**	**0.0000**	**198.0970**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.1600e-003	0.1878	0.0681	9.2000e-004	0.0221	3.4000e-004	0.0224	6.0700e-003	3.3000e-004	6.4000e-003	0.0000	89.7108	89.7108	4.3100e-003	0.0000	89.8186
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0197	0.2515	1.1400e-003	0.1682	7.5000e-004	0.1689	0.0447	6.9000e-004	0.0454	0.0000	103.6388	103.6388	1.3500e-003	0.0000	103.6725
Total	**0.0441**	**0.2075**	**0.3196**	**2.0600e-003**	**0.1902**	**1.0900e-003**	**0.1913**	**0.0508**	**1.0200e-003**	**0.0518**	**0.0000**	**193.3496**	**193.3496**	**5.6600e-003**	**0.0000**	**193.4911**

3.19 Phase 2-Architectural Coatings - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.0519					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7400e-003	0.0114	0.0240	4.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004	0.0000	3.4043	3.4043	1.4000e-004	0.0000	3.4078
Total	**1.0536**	**0.0114**	**0.0240**	**4.0000e-005**		**2.7000e-004**	**2.7000e-004**		**2.7000e-004**	**2.7000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.4000e-004**	**0.0000**	**3.4078**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	5.7000e-004	7.3300e-003	3.0000e-005	4.9000e-003	2.0000e-005	4.9200e-003	1.3000e-003	2.0000e-005	1.3200e-003	0.0000	3.0196	3.0196	4.0000e-005	0.0000	3.0205
Total	**1.1000e-003**	**5.7000e-004**	**7.3300e-003**	**3.0000e-005**	**4.9000e-003**	**2.0000e-005**	**4.9200e-003**	**1.3000e-003**	**2.0000e-005**	**1.3200e-003**	**0.0000**	**3.0196**	**3.0196**	**4.0000e-005**	**0.0000**	**3.0205**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.0519					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	7.9000e-004	0.0181	0.0244	4.0000e-005		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	3.4043	3.4043	1.4000e-004	0.0000	3.4078
Total	**1.0527**	**0.0181**	**0.0244**	**4.0000e-005**		**1.2700e-003**	**1.2700e-003**		**1.2700e-003**	**1.2700e-003**	**0.0000**	**3.4043**	**3.4043**	**1.4000e-004**	**0.0000**	**3.4078**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	5.7000e-004	7.3300e-003	3.0000e-005	4.9000e-003	2.0000e-005	4.9200e-003	1.3000e-003	2.0000e-005	1.3200e-003	0.0000	3.0196	3.0196	4.0000e-005	0.0000	3.0205
Total	**1.1000e-003**	**5.7000e-004**	**7.3300e-003**	**3.0000e-005**	**4.9000e-003**	**2.0000e-005**	**4.9200e-003**	**1.3000e-003**	**2.0000e-005**	**1.3200e-003**	**0.0000**	**3.0196**	**3.0196**	**4.0000e-005**	**0.0000**	**3.0205**

3.20 Phase 2-Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0111	0.0570	0.1268	2.2000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	19.2796	19.2796	9.0000e-004	0.0000	19.3022
Paving	0.0239					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0350**	**0.0570**	**0.1268**	**2.2000e-004**		**2.6500e-003**	**2.6500e-003**		**2.6500e-003**	**2.6500e-003**	**0.0000**	**19.2796**	**19.2796**	**9.0000e-004**	**0.0000**	**19.3022**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	2.3000e-003	8.3000e-004	1.0000e-005	3.3000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	1.0991	1.0991	5.0000e-005	0.0000	1.1004
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	4.0000e-005	5.7000e-004	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2338	0.2338	0.0000	0.0000	0.2339
Total	**1.7000e-004**	**2.3400e-003**	**1.4000e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**1.3328**	**1.3328**	**5.0000e-005**	**0.0000**	**1.3342**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.4900e-003	0.0904	0.1384	2.2000e-004		4.8700e-003	4.8700e-003		4.8700e-003	4.8700e-003	0.0000	19.2796	19.2796	9.0000e-004	0.0000	19.3022
Paving	0.0239					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0284**	**0.0904**	**0.1384**	**2.2000e-004**		**4.8700e-003**	**4.8700e-003**		**4.8700e-003**	**4.8700e-003**	**0.0000**	**19.2796**	**19.2796**	**9.0000e-004**	**0.0000**	**19.3022**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	8.0000e-005	2.3000e-003	8.3000e-004	1.0000e-005	3.3000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	1.0991	1.0991	5.0000e-005	0.0000	1.1004
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	4.0000e-005	5.7000e-004	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2338	0.2338	0.0000	0.0000	0.2339
Total	**1.7000e-004**	**2.3400e-003**	**1.4000e-003**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**1.3328**	**1.3328**	**5.0000e-005**	**0.0000**	**1.3342**

3.20 Phase 2-Paving - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.4600e-003	0.0178	0.0396	7.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	6.0249	6.0249	2.8000e-004	0.0000	6.0319
Paving	7.4700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.0178**	**0.0396**	**7.0000e-005**		**8.3000e-004**	**8.3000e-004**		**8.3000e-004**	**8.3000e-004**	**0.0000**	**6.0249**	**6.0249**	**2.8000e-004**	**0.0000**	**6.0319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	7.1000e-004	2.6000e-004	0.0000	2.9000e-004	0.0000	2.9000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.3422	0.3422	2.0000e-005	0.0000	0.3427
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.7000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0714	0.0714	0.0000	0.0000	0.0714
Total	**4.0000e-005**	**7.2000e-004**	**4.3000e-004**	**0.0000**	**4.1000e-004**	**0.0000**	**4.1000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.4136**	**0.4136**	**2.0000e-005**	**0.0000**	**0.4141**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4000e-003	0.0282	0.0432	7.0000e-005		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	6.0249	6.0249	2.8000e-004	0.0000	6.0319
Paving	7.4700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.8700e-003**	**0.0282**	**0.0432**	**7.0000e-005**		**1.5200e-003**	**1.5200e-003**		**1.5200e-003**	**1.5200e-003**	**0.0000**	**6.0249**	**6.0249**	**2.8000e-004**	**0.0000**	**6.0319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	7.1000e-004	2.6000e-004	0.0000	2.9000e-004	0.0000	2.9000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.3422	0.3422	2.0000e-005	0.0000	0.3427
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.7000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0714	0.0714	0.0000	0.0000	0.0714
Total	**4.0000e-005**	**7.2000e-004**	**4.3000e-004**	**0.0000**	**4.1000e-004**	**0.0000**	**4.1000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.4136**	**0.4136**	**2.0000e-005**	**0.0000**	**0.4141**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.7853	20.6799	45.0663	0.1278	9.9978	0.1455	10.1433	2.6839	0.1367	2.8207	0.0000	11,721.1523	11,721.1523	0.5290	0.0000	11,734.3768
Unmitigated	4.7853	20.6799	45.0663	0.1278	9.9978	0.1455	10.1433	2.6839	0.1367	2.8207	0.0000	11,721.1523	11,721.1523	0.5290	0.0000	11,734.3768

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	6,186.40	7,955.00	4983.16	9,654,403	9,654,403
Gasoline/Service Station	3,371.20	3,371.20	3371.20	1,942,379	1,942,379
Hotel	1,887.27	1,891.89	1374.45	3,447,747	3,447,747
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	221.60	210.20	102.15	312,484	312,484
Strip Mall	8,156.65	7,737.04	3759.94	11,501,900	11,501,900
Total	19,823.12	21,165.33	13,590.90	26,858,912	26,858,912

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	9.50	7.30	7.30	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	9.50	7.30	7.30	2.00	79.00	19.00	14	27	59
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812
Gasoline/Service Station	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812
Hotel	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812
Other Non-Asphalt Surfaces	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812
Parking Lot	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812
Strip Mall	0.573139	0.040894	0.193976	0.114604	0.017740	0.005371	0.017133	0.024527	0.002545	0.002442	0.005942	0.000877	0.000812

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,453.7957	1,453.7957	0.0657	0.0136	1,459.4921
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,453.7957	1,453.7957	0.0657	0.0136	1,459.4921

NaturalGas Mitigated	0.0363	0.3295	0.2768	1.9800e-003		0.0250	0.0250		0.0250	0.0250	0.0000	358.7212	358.7212	6.8800e-003	6.5800e-003	360.8529
NaturalGas Unmitigated	0.0363	0.3295	0.2768	1.9800e-003		0.0250	0.0250		0.0250	0.0250	0.0000	358.7212	358.7212	6.8800e-003	6.5800e-003	360.8529

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	350760	1.8900e-003	0.0172	0.0144	1.0000e-004		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003	0.0000	18.7179	18.7179	3.6000e-004	3.4000e-004	18.8291
Gasoline/Service Station	74483.9	4.0000e-004	3.6500e-003	3.0700e-003	2.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.9748	3.9748	8.0000e-005	7.0000e-005	3.9984
Hotel	5.84892e+006	0.0315	0.2867	0.2408	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	312.1207	312.1207	5.9800e-003	5.7200e-003	313.9754
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	11850	6.0000e-005	5.8000e-004	4.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6324	0.6324	1.0000e-005	1.0000e-005	0.6361
Strip Mall	436168	2.3500e-003	0.0214	0.0180	1.3000e-004		1.6200e-003	1.6200e-003		1.6200e-003	1.6200e-003	0.0000	23.2756	23.2756	4.5000e-004	4.3000e-004	23.4139
Total		**0.0362**	**0.3295**	**0.2768**	**1.9700e-003**		**0.0250**	**0.0250**		**0.0250**	**0.0250**	**0.0000**	**358.7212**	**358.7212**	**6.8800e-003**	**6.5700e-003**	**360.8529**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	350760	1.8900e-003	0.0172	0.0144	1.0000e-004		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003	0.0000	18.7179	18.7179	3.6000e-004	3.4000e-004	18.8291

Gasoline/Service Station	74483.9	4.0000e-004	3.6500e-003	3.0700e-003	2.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.9748	3.9748	8.0000e-005	7.0000e-005	3.9984
Hotel	5.84892e+006	0.0315	0.2867	0.2408	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	312.1207	312.1207	5.9800e-003	5.7200e-003	313.9754
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	11850	6.0000e-005	5.8000e-004	4.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6324	0.6324	1.0000e-005	1.0000e-005	0.6361
Strip Mall	436168	2.3500e-003	0.0214	0.0180	1.3000e-004		1.6200e-003	1.6200e-003		1.6200e-003	1.6200e-003	0.0000	23.2756	23.2756	4.5000e-004	4.3000e-004	23.4139
Total		**0.0362**	**0.3295**	**0.2768**	**1.9700e-003**		**0.0250**	**0.0250**		**0.0250**	**0.0250**	**0.0000**	**358.7212**	**358.7212**	**6.8800e-003**	**6.5700e-003**	**360.8529**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	1.58212e+006	460.2569	0.0208	4.3100e-003	462.0603
Gasoline/Service Station	23322.1	6.7847	3.1000e-004	6.0000e-005	6.8113
Hotel	1.00584e+006	292.6104	0.0132	2.7400e-003	293.7569
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	157034	45.6829	2.0700e-003	4.3000e-004	45.8619
Parking Lot	160083	46.5700	2.1100e-003	4.4000e-004	46.7525
Parking Lot	48177.4	14.0154	6.3000e-004	1.3000e-004	14.0703
Strip Mall	1.96736e+006	572.3263	0.0259	5.3500e-003	574.5688
Strip Mall	53450	15.5492	7.0000e-004	1.5000e-004	15.6101
Total		**1,453.7957**	**0.0657**	**0.0136**	**1,459.4921**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	1.58212e+006	460.2569	0.0208	4.3100e-003	462.0603
Gasoline/Service Station	23322.1	6.7847	3.1000e-004	6.0000e-005	6.8113
Hotel	1.00584e+006	292.6104	0.0132	2.7400e-003	293.7569
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	157034	45.6829	2.0700e-003	4.3000e-004	45.8619
Parking Lot	160083	46.5700	2.1100e-003	4.4000e-004	46.7525
Parking Lot	48177.4	14.0154	6.3000e-004	1.3000e-004	14.0703
Strip Mall	1.96736e+006	572.3263	0.0259	5.3500e-003	574.5688
Strip Mall	53450	15.5492	7.0000e-004	1.5000e-004	15.6101
Total		**1,453.7957**	**0.0657**	**0.0136**	**1,459.4921**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Mitigated	2.2063	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Unmitigated	2.2063	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2746					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.9312					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.4000e-004	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Total	**2.2063**	**5.0000e-005**	**5.7300e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0111**	**0.0111**	**3.0000e-005**	**0.0000**	**0.0118**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2746					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.9312					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.4000e-004	5.0000e-005	5.7300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118

Total	**2.2063**	**5.0000e-005**	**5.7300e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0111**	**0.0111**	**3.0000e-005**	**0.0000**	**0.0118**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	75.2127	1.0161	0.0245	107.9247
Unmitigated	75.2127	1.0161	0.0245	107.9247

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	10.9627 / 6.71909	27.5760	0.3583	8.6600e-003	39.1145
Gasoline/Service Station	0.265638 / 0.16281	0.6682	8.6800e-003	2.1000e-004	0.9478
Hotel	5.85972 / 0.65108	11.7459	0.1914	4.6000e-003	17.9016
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000

Strip Mall	14.0027 / 8.58228	35.2227	0.4577	0.0111	49.9608
Total		**75.2127**	**1.0161**	**0.0245**	**107.9247**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	10.9627 / 6.71909	27.5760	0.3583	8.6600e-003	39.1145
Gasoline/Service Station	0.265638 / 0.16281	0.6682	8.6800e-003	2.1000e-004	0.9478
Hotel	5.85972 / 0.65108	11.7459	0.1914	4.6000e-003	17.9016
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	14.0027 / 8.58228	35.2227	0.4577	0.0111	49.9608
Total		**75.2127**	**1.0161**	**0.0245**	**107.9247**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e

	MT/yr			
Mitigated	197.3559	11.6634	0.0000	488.9410
Unmitigated	197.3559	11.6634	0.0000	488.9410

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	198.49	40.2917	2.3812	0.0000	99.8209
Total		**197.3559**	**11.6634**	**0.0000**	**488.9410**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	198.49	40.2917	2.3812	0.0000	99.8209
Total		**197.3559**	**11.6634**	**0.0000**	**488.9410**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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Construction Haul Truck Idling Emissions

Construction Haul/Vendor Truck GHG Idling Emissions

CO_2	CH_4	N_2O	MT/g
	GWP[1]		0.000001
1	25	298	

Phase 1	First Year of Construction	Total One-Way Truck Trips	Trucks Idling Onsite	Idling Time per truck (min/truck)	CO_2 HHDT Idling EF (g/min)[2,3]	CH_4 HHDT Idling EF (g/min)[2,3]	N_2O HHDT Idling EF (g/min)[2,3]	CO_2 Emissions (MT)	CH_4 Emissions (MT)	N_2O Emissions (MT)	$MTCO_2e$
Phase 1A-Grading/Excavation	2020	800	400	15	103.26	1.86E-03	7.13E-02	6.20E-01	1.12E-05	4.28E-04	1
Phase 1A-Drainage/Utilities/Sub-Grade	2020	0	0	15	103.26	1.86E-03	7.13E-02	0.00E+00	0.00E+00	0.00E+00	0
Phase 1A-Foundations/Concrete Pour	2020	1,200	600	15	103.26	1.86E-03	7.13E-02	9.29E-01	1.67E-05	6.42E-04	1
Phase 1A-Building Construction	2020	2,100	1050	15	103.26	1.86E-03	7.13E-02	1.63E+00	2.93E-05	1.12E-03	2
Phase 1A-Architectural Coatings	2020	0	0	15	103.26	1.86E-03	7.13E-02	0.00E+00	0.00E+00	0.00E+00	0
Phase 1A-Paving	2020	14	7	15	103.26	1.86E-03	7.13E-02	1.08E-02	1.95E-07	7.49E-06	0
Phase 1B-Grading/Excavation	2020	680	340	15	103.26	1.86E-03	7.13E-02	5.27E-01	9.49E-06	3.64E-04	1
Phase 1B-Drainage/Utilities/Sub-Grade	2020	0	0	15	103.26	1.86E-03	7.13E-02	0.00E+00	0.00E+00	0.00E+00	0
Phase 1B-Foundations/Concrete Pour	2020	1,020	510	15	103.26	1.86E-03	7.13E-02	7.90E-01	1.42E-05	5.46E-04	1
Phase 1B-Building Construction	2020	1,944	972	15	103.26	1.86E-03	7.13E-02	1.51E+00	2.71E-05	1.04E-03	2
Phase 1B-Architectural Coatings	2021	0	0	15	101.79	1.85E-03	7.20E-02	0.00E+00	0.00E+00	0.00E+00	0
Phase 1B-Paving	2021	22	11	15	101.79	1.85E-03	7.20E-02	1.68E-02	3.05E-07	1.19E-05	0
										Phase 1 Total	**7**

Phase 2	Year	Total One-Way Truck Trips	Trucks Idling Onsite	Idling Time per truck (min/truck)	CO_2 HHDT Idling EF (g/min)	CH_4 HHDT Idling EF (g/min)	N_2O HHDT Idling EF (g/min)	CO_2 Emissions (MT)	CH_4 Emissions (MT)	N_2O Emissions (MT)	$MTCO_2e$
Phase 2-Demolition	2030	0	0	15	85.55	1.82E-03	6.13E-02	0.00E+00	0.00E+00	0.00E+00	0
Phase 2-Grading/Excavation	2030	1,240	620	15	85.55	1.82E-03	6.13E-02	7.96E-01	1.70E-05	5.70E-04	1
Phase 2-Drainage/Utilities/Sub-Grade	2030	0	0	15	85.55	1.82E-03	6.13E-02	0.00E+00	0.00E+00	0.00E+00	0
Phase 2-Foundations/Concrete Pour	2030	1,860	930	15	85.55	1.82E-03	6.13E-02	1.19E+00	2.54E-05	8.55E-04	1
Phase 2-Building Construction	2030	2,612	1306	15	85.55	1.82E-03	6.13E-02	1.68E+00	3.57E-05	1.20E-03	2
Phase 2-Architectural Coatings	2030	0	0	15	85.55	1.82E-03	6.13E-02	0.00E+00	0.00E+00	0.00E+00	0
Phase 2-Paving	2030	42	21	15	85.55	1.82E-03	6.13E-02	2.69E-02	5.74E-07	1.93E-05	0
										Phase 2 Total	**4**

Notes:

1. Global Warming Potentials (GWP) based on IPCC AR4, https://www.arb.ca.gov/cc/inventory/background/gwp.htm
2. CO2 and CH4 values from EMFAC2017 desktop version
3. N2O value from EMFAC2017 Web Database

fuel	Dsl
vehicle_class	HHDT
process	IDLEX

Average of emission_rate	Column Labels	
Row Labels	**CH4**	**CO2**
2020	0.111609216	6195.390451
2021	0.110952247	6107.47346
2030	0.109365095	5133.044007
Grand Total	**0.110642186**	**5811.969306**

HHDT Idling Emission Factors

Year	CO_2 g/hr	CH_4 g/hr
2020	6.20E+03	1.12E-01
2021	6.11E+03	1.11E-01
2030	5.13E+03	1.09E-01

Year	CO_2 g/min	CH_4 g/min
2020	1.03E+02	1.86E-03
2021	1.02E+02	1.85E-03
2030	8.56E+01	1.82E-03

Vehicle Category	HHDT
Fuel	DSL

Row Labels	Sum of N2O_IDLEX
2020	1.782734578
2021	1.799464973
2030	1.532560843
2031	1.505758778
Grand Total	**6.620519172**

HHDT Idling Emission Factors

HHDT-DSL Year	N_2O IdleEx g/veh/day
2020	1.78
2021	1.80
2030	1.53
2031	1.51

HHDT-DSL Year	N_2O IdleEx g/min
2020	0.0713
2021	0.0720
2030	0.0613
2031	0.0602

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Construction Emissions Summary

Construction GHG Emissions

Construction Phase	Year	CalEEMod Output (exluding Idling Emissions)	GHG Idling Emissions
		$MTCO_2e$	
Phase 1	2020	1,149	7
	2021	107	
	Total	**1,264**	
30-Year Amortization		**42**	
Phase 2	2030	788	4
	2031	6	
	Total	**799**	
Project Construction Total (Phase 1 + Phase 2)		2,062	
30-Year Amortization		**69**	

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Emission Calculations
Operational Emissions

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CalEEMod Output – Phase 1 (2021)

Johnson Drive- Phase 1 Operations-2021 - Bay Area AQMD Air District, Annual

Johnson Drive- Phase 1 Operations-2021

Bay Area AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	3.40	Acre	3.40	148,104.00	0
Other Non-Asphalt Surfaces	1.22	Acre	1.22	53,143.20	0
Parking Lot	10.30	Acre	10.30	448,668.00	0
Parking Lot	3.16	Acre	3.16	137,649.60	0
Hotel	231.00	Room	0.77	132,000.00	0
Discount Club	148.00	1000sqft	3.40	148,000.00	0
Gasoline/Service Station	20.00	Pump	0.06	2,823.50	0
Strip Mall	5.00	1000sqft	0.11	5,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	64
Climate Zone	4			**Operational Year**	2021
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	293.67	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - PG&E's 2016 CO2 emission factor based on The Climate Registry's 2018 Emissions Factor Report

Land Use - Project Specific Information

Consumer Products - Consumer product emissions only associated with hotel land use

Area Coating - Coating only applied to parking lot asphalt surfaces

Energy Use - CalEEmod default 2016 T24 energy rates adjusted to represent 2019 T24 energy rates.

Area Mitigation - Low VOC-Paints, 10g VOC/liter

Fleet Mix - Light duty vehicle categories consistent with HRA

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	47254	34006
tblAreaMitigation	UseLowVOCPaintNonresidentialExterior Value	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorV alue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorVal ue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValu e	100	10
tblConsumerProducts	ROG_EF	2.14E-05	9.8E-06
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	5.25	11.98
tblEnergyUse	LightingElect	3.08	2.16
tblEnergyUse	LightingElect	2.35	1.65
tblEnergyUse	LightingElect	0.35	0.25
tblEnergyUse	LightingElect	5.25	3.67
tblEnergyUse	NT24E	2.68	8.75
tblEnergyUse	T24E	2.76	6.30
tblEnergyUse	T24E	1.48	1.04
tblEnergyUse	T24E	2.05	1.44
tblEnergyUse	T24E	2.76	1.93
tblEnergyUse	T24NG	2.37	1.66
tblEnergyUse	T24NG	19.71	13.80

tblEnergyUse	T24NG	39.56	27.69
tblEnergyUse	T24NG	2.37	1.66
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDA	0.58	0.60
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LHD1	0.02	0.01
tblFleetMix	LHD1	0.02	0.01
tblFleetMix	LHD1	0.02	0.01
tblFleetMix	LHD1	0.02	0.01

tblFleetMix	LHD1	0.02	0.01
tblFleetMix	LHD1	0.02	0.01
tblFleetMix	LHD2	5.3610e-003	5.4310e-003
tblFleetMix	LHD2	5.3610e-003	5.4310e-003
tblFleetMix	LHD2	5.3610e-003	5.4310e-003
tblFleetMix	LHD2	5.3610e-003	5.4310e-003
tblFleetMix	LHD2	5.3610e-003	5.4310e-003
tblFleetMix	LHD2	5.3610e-003	5.4310e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MCY	5.9040e-003	5.7730e-003
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MH	7.8900e-004	6.9200e-004
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02

tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	OBUS	2.5810e-003	2.7880e-003
tblFleetMix	OBUS	2.5810e-003	2.7880e-003
tblFleetMix	OBUS	2.5810e-003	2.7880e-003
tblFleetMix	OBUS	2.5810e-003	2.7880e-003
tblFleetMix	OBUS	2.5810e-003	2.7880e-003
tblFleetMix	OBUS	2.5810e-003	2.7880e-003
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	SBUS	8.8100e-004	9.5100e-004
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblFleetMix	UBUS	2.3490e-003	1.8130e-003
tblLandUse	LandUseSquareFeet	335,412.00	132,000.00
tblLandUse	LotAcreage	7.70	0.77
tblProjectCharacteristics	CO2IntensityFactor	641.35	293.67
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	27.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	59.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00

tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	14.00	100.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	53.75	59.80
tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	ST_TR	8.19	7.99
tblVehicleTrips	ST_TR	42.04	34.89
tblVehicleTrips	SU_TR	33.67	59.80
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	SU_TR	5.95	7.99
tblVehicleTrips	SU_TR	20.43	34.89
tblVehicleTrips	WD_TR	41.80	47.03
tblVehicleTrips	WD_TR	168.56	0.00
tblVehicleTrips	WD_TR	8.17	7.99
tblVehicleTrips	WD_TR	44.32	29.82
tblWater	IndoorWaterUseRate	10,962,733.18	4,000,000.00
tblWater	OutdoorWaterUseRate	6,719,094.53	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6770	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003
Energy	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	916.6158	916.6158	0.0710	0.0182	923.8185
Mobile	2.5389	6.6279	31.8894	0.1025	9.8431	0.0885	9.9316	2.6389	0.0825	2.7214	0.0000	9,317.0490	9,317.0490	0.2829	0.0000	9,324.1211
Waste						0.0000	0.0000		0.0000	0.0000	158.1300	0.0000	158.1300	9.3452	0.0000	391.7603
Water						0.0000	0.0000		0.0000	0.0000	3.3298	8.0504	11.3802	0.3428	8.2400e-003	22.4057
Total	**3.2407**	**6.8531**	**32.0824**	**0.1039**	**9.8431**	**0.1056**	**9.9487**	**2.6389**	**0.0997**	**2.7385**	**161.4598**	**10,241.7227**	**10,403.1825**	**10.0419**	**0.0265**	**10,662.1135**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5403	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003
Energy	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	916.6158	916.6158	0.0710	0.0182	923.8185
Mobile	2.5389	6.6279	31.8894	0.1025	9.8431	0.0885	9.9316	2.6389	0.0825	2.7214	0.0000	9,317.0490	9,317.0490	0.2829	0.0000	9,324.1211
Waste						0.0000	0.0000		0.0000	0.0000	158.1300	0.0000	158.1300	9.3452	0.0000	391.7603
Water						0.0000	0.0000		0.0000	0.0000	3.3298	8.0504	11.3802	0.3428	8.2400e-003	22.4057
Total	**3.1040**	**6.8531**	**32.0824**	**0.1039**	**9.8431**	**0.1056**	**9.9487**	**2.6389**	**0.0997**	**2.7385**	**161.4598**	**10,241.7227**	**10,403.1825**	**10.0419**	**0.0265**	**10,662.1135**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.22**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.5389	6.6279	31.8894	0.1025	9.8431	0.0885	9.9316	2.6389	0.0825	2.7214	0.0000	9,317.0490	9,317.0490	0.2829	0.0000	9,324.1211
Unmitigated	2.5389	6.6279	31.8894	0.1025	9.8431	0.0885	9.9316	2.6389	0.0825	2.7214	0.0000	9,317.0490	9,317.0490	0.2829	0.0000	9,324.1211

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	6,960.44	8,850.40	8850.40	20,933,198	20,933,198
Gasoline/Service Station	0.00	0.00	0.00		
Hotel	1,845.69	1,845.69	1845.69	5,191,105	5,191,105
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	149.10	174.45	174.45	436,217	436,217
Total	8,955.23	10,870.54	10,870.54	26,560,520	26,560,520

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	9.50	7.30	7.30	16.70	64.30	19.00	100	0	0
Gasoline/Service Station	9.50	7.30	7.30	2.00	79.00	19.00	100	0	0
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	100	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Gasoline/Service Station	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Hotel	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Other Non-Asphalt Surfaces	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Parking Lot	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Strip Mall	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	671.4701	671.4701	0.0663	0.0137	677.2160
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	671.4701	671.4701	0.0663	0.0137	677.2160
NaturalGas Mitigated	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	245.1457	245.1457	4.7000e-003	4.4900e-003	246.6025
NaturalGas Unmitigated	0.0248	0.2252	0.1892	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	245.1457	245.1457	4.7000e-003	4.4900e-003	246.6025

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	245680	1.3200e-003	0.0120	0.0101	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.1104	13.1104	2.5000e-004	2.4000e-004	13.1883
Gasoline/Service Station	57797	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0843	3.0843	6.0000e-005	6.0000e-005	3.1026
Hotel	4.28208e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5081	228.5081	4.3800e-003	4.1900e-003	229.8660
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	8300	4.0000e-005	4.1000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4429	0.4429	1.0000e-005	1.0000e-005	0.4456
Total		**0.0248**	**0.2252**	**0.1892**	**1.3500e-003**		**0.0171**	**0.0171**		**0.0171**	**0.0171**	**0.0000**	**245.1457**	**245.1457**	**4.7000e-003**	**4.5000e-003**	**246.6025**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	245680	1.3200e-003	0.0120	0.0101	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.1104	13.1104	2.5000e-004	2.4000e-004	13.1883
Gasoline/Service Station	57797	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0843	3.0843	6.0000e-005	6.0000e-005	3.1026
Hotel	4.28208e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5081	228.5081	4.3800e-003	4.1900e-003	229.8660
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	8300	4.0000e-005	4.1000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4429	0.4429	1.0000e-005	1.0000e-005	0.4456
Total		**0.0248**	**0.2252**	**0.1892**	**1.3500e-003**		**0.0171**	**0.0171**		**0.0171**	**0.0171**	**0.0000**	**245.1457**	**245.1457**	**4.7000e-003**	**4.5000e-003**	**246.6025**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	4.00044e+006	532.8845	0.0526	0.0109	537.4445
Gasoline/Service Station	19482.2	2.5952	2.6000e-004	5.0000e-005	2.6174
Hotel	832920	110.9503	0.0110	2.2700e-003	111.8998
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112167	14.9414	1.4800e-003	3.1000e-004	15.0692
Parking Lot	34412.4	4.5840	4.5000e-004	9.0000e-005	4.6232
Strip Mall	41400	5.5148	5.4000e-004	1.1000e-004	5.5619
Total		**671.4701**	**0.0663**	**0.0137**	**677.2160**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	4.00044e+006	532.8845	0.0526	0.0109	537.4445
Gasoline/Service Station	19482.2	2.5952	2.6000e-004	5.0000e-005	2.6174
Hotel	832920	110.9503	0.0110	2.2700e-003	111.8998
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112167	14.9414	1.4800e-003	3.1000e-004	15.0692
Parking Lot	34412.4	4.5840	4.5000e-004	9.0000e-005	4.6232
Strip Mall	41400	5.5148	5.4000e-004	1.1000e-004	5.5619
Total		**671.4701**	**0.0663**	**0.0137**	**677.2160**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5403	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003
Unmitigated	0.6770	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5148					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.6000e-004	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003
Total	**0.6770**	**4.0000e-005**	**3.8900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**7.5400e-003**	**7.5400e-003**	**2.0000e-005**	**0.0000**	**8.0400e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0252					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5148					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.6000e-004	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5400e-003	7.5400e-003	2.0000e-005	0.0000	8.0400e-003
Total	**0.5403**	**4.0000e-005**	**3.8900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**7.5400e-003**	**7.5400e-003**	**2.0000e-005**	**0.0000**	**8.0400e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	11.3802	0.3428	8.2400e-003	22.4057
Unmitigated	11.3802	0.3428	8.2400e-003	22.4057

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	4 / 0	4.1521	0.1306	3.1400e-003	8.3524
Gasoline/Service Station	0.265638 / 0.16281	0.3517	8.6800e-003	2.1000e-004	0.6312
Hotel	5.85972 / 0.65108	6.3861	0.1914	4.6000e-003	12.5419
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.370363 / 0.226996	0.4903	0.0121	2.9000e-004	0.8801
Total		**11.3802**	**0.3428**	**8.2400e-003**	**22.4057**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	4 / 0	4.1521	0.1306	3.1400e-003	8.3524
Gasoline/Service Station	0.265638 / 0.16281	0.3517	8.6800e-003	2.1000e-004	0.6312
Hotel	5.85972 / 0.65108	6.3861	0.1914	4.6000e-003	12.5419
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.370363 / 0.226996	0.4903	0.0121	2.9000e-004	0.8801
Total		**11.3802**	**0.3428**	**8.2400e-003**	**22.4057**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	158.1300	9.3452	0.0000	391.7603
Unmitigated	158.1300	9.3452	0.0000	391.7603

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	5.25	1.0657	0.0630	0.0000	2.6402
Total		**158.1300**	**9.3452**	**0.0000**	**391.7603**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	5.25	1.0657	0.0630	0.0000	2.6402
Total		**158.1300**	**9.3452**	**0.0000**	**391.7603**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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CalEEMod Output – Full-Buildout 1 (2031)

Johnson Drive- Full Buildout Operations

Bay Area AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	3.40	Acre	3.40	148,104.00	0
Other Non-Asphalt Surfaces	1.22	Acre	1.22	53,143.20	0
Other Non-Asphalt Surfaces	2.80	Acre	2.80	121,968.00	0
Parking Lot	10.30	Acre	10.30	448,668.00	0
Parking Lot	3.16	Acre	3.16	137,649.60	0
Parking Lot	10.50	Acre	10.50	457,380.00	0
Hotel	231.00	Room	0.77	132,000.00	0
Discount Club	148.00	1000sqft	3.40	148,000.00	0
Gasoline/Service Station	20.00	Pump	0.06	2,823.50	0
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Strip Mall	184.04	1000sqft	4.22	184,037.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	64
Climate Zone	4			**Operational Year**	2031
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	276.04	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 emission factor modified to reflect PG&E's 2030 RPS

Land Use - Project Specific Information

Consumer Products - Consumer product emissions only associated with hotel land use

Area Coating - Coating only applied to parking lot asphalt surfaces

Energy Use - CalEEmod default 2016 T24 energy rates adjusted to represent 2019 T24 energy rates.

Area Mitigation - Low VOC-Paints, 10g VOC/liter

Fleet Mix - Light duty vehicle categories consistent with HRA

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	82015	60534
tblAreaMitigation	UseLowVOCPaintNonresidentialExterior Value	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorV alue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorVal ue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValu e	100	10
tblConsumerProducts	ROG_EF	2.14E-05	6E-06
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	5.25	11.98
tblEnergyUse	LightingElect	3.08	2.16
tblEnergyUse	LightingElect	2.35	1.65
tblEnergyUse	LightingElect	0.35	0.25
tblEnergyUse	LightingElect	5.25	3.67
tblEnergyUse	NT24E	2.68	8.75
tblEnergyUse	T24E	2.76	6.30
tblEnergyUse	T24E	1.48	1.04
tblEnergyUse	T24E	2.05	1.44
tblEnergyUse	T24E	2.76	1.93
tblEnergyUse	T24NG	2.37	1.66
tblEnergyUse	T24NG	19.71	13.80

tblEnergyUse	T24NG	39.56	27.69
tblEnergyUse	T24NG	2.37	1.66
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDA	0.59	0.60
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LDT2	0.19	0.20
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01

tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	5.2750e-003	5.4310e-003
tblFleetMix	LHD2	5.2750e-003	5.4310e-003
tblFleetMix	LHD2	5.2750e-003	5.4310e-003
tblFleetMix	LHD2	5.2750e-003	5.4310e-003
tblFleetMix	LHD2	5.2750e-003	5.4310e-003
tblFleetMix	LHD2	5.2750e-003	5.4310e-003
tblFleetMix	MCY	5.6080e-003	5.7730e-003
tblFleetMix	MCY	5.6080e-003	5.7730e-003
tblFleetMix	MCY	5.6080e-003	5.7730e-003
tblFleetMix	MCY	5.6080e-003	5.7730e-003
tblFleetMix	MCY	5.6080e-003	5.7730e-003
tblFleetMix	MCY	5.6080e-003	5.7730e-003
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MH	6.7200e-004	6.9200e-004
tblFleetMix	MH	6.7200e-004	6.9200e-004
tblFleetMix	MH	6.7200e-004	6.9200e-004
tblFleetMix	MH	6.7200e-004	6.9200e-004
tblFleetMix	MH	6.7200e-004	6.9200e-004
tblFleetMix	MH	6.7200e-004	6.9200e-004
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02

tblFleetMix	MHD	0.02	0.02
tblFleetMix	MHD	0.02	0.02
tblFleetMix	OBUS	2.7080e-003	2.7880e-003
tblFleetMix	OBUS	2.7080e-003	2.7880e-003
tblFleetMix	OBUS	2.7080e-003	2.7880e-003
tblFleetMix	OBUS	2.7080e-003	2.7880e-003
tblFleetMix	OBUS	2.7080e-003	2.7880e-003
tblFleetMix	OBUS	2.7080e-003	2.7880e-003
tblFleetMix	SBUS	9.2400e-004	9.5100e-004
tblFleetMix	SBUS	9.2400e-004	9.5100e-004
tblFleetMix	SBUS	9.2400e-004	9.5100e-004
tblFleetMix	SBUS	9.2400e-004	9.5100e-004
tblFleetMix	SBUS	9.2400e-004	9.5100e-004
tblFleetMix	SBUS	9.2400e-004	9.5100e-004
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblFleetMix	UBUS	1.7610e-003	1.8130e-003
tblLandUse	LandUseSquareFeet	335,412.00	132,000.00
tblLandUse	LandUseSquareFeet	184,040.00	184,037.00
tblLandUse	LotAcreage	7.70	0.77
tblProjectCharacteristics	CO2IntensityFactor	641.35	276.04
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	27.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	59.00	0.00

tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	14.00	100.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	53.75	59.80
tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	ST_TR	8.19	7.99
tblVehicleTrips	ST_TR	42.04	34.94
tblVehicleTrips	SU_TR	33.67	59.80
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	SU_TR	5.95	7.99
tblVehicleTrips	SU_TR	20.43	34.94
tblVehicleTrips	WD_TR	41.80	47.03
tblVehicleTrips	WD_TR	168.56	0.00
tblVehicleTrips	WD_TR	8.17	7.99
tblVehicleTrips	WD_TR	44.32	29.85
tblWater	IndoorWaterUseRate	10,962,733.18	4,000,000.00
tblWater	OutdoorWaterUseRate	6,719,094.53	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7843	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Energy	0.0264	0.2402	0.2017	1.4400e-003		0.0183	0.0183		0.0183	0.0183	0.0000	1,097.7227	1,097.7227	0.0929	0.0230	1,106.8896
Mobile	2.4078	5.8836	28.9159	0.1221	15.7927	0.0842	15.8769	4.2327	0.0782	4.3109	0.0000	11,134.4777	11,134.4777	0.2733	0.0000	11,141.3113
Waste						0.0000	0.0000		0.0000	0.0000	197.3559	0.0000	197.3559	11.6634	0.0000	488.9410
Water						0.0000	0.0000		0.0000	0.0000	7.6547	20.4647	28.1194	0.7884	0.0190	53.4931
Total	**3.2185**	**6.1238**	**29.1233**	**0.1235**	**15.7927**	**0.1025**	**15.8952**	**4.2327**	**0.0965**	**4.3291**	**205.0106**	**12,252.6761**	**12,457.6868**	**12.8180**	**0.0420**	**12,790.6467**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5601	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Energy	0.0264	0.2402	0.2017	1.4400e-003		0.0183	0.0183		0.0183	0.0183	0.0000	1,097.7227	1,097.7227	0.0929	0.0230	1,106.8896
Mobile	2.4078	5.8836	28.9159	0.1221	15.7927	0.0842	15.8769	4.2327	0.0782	4.3109	0.0000	11,134.4777	11,134.4777	0.2733	0.0000	11,141.3113
Waste						0.0000	0.0000		0.0000	0.0000	197.3559	0.0000	197.3559	11.6634	0.0000	488.9410
Water						0.0000	0.0000		0.0000	0.0000	7.6547	20.4647	28.1194	0.7884	0.0190	53.4931
Total	**2.9944**	**6.1238**	**29.1233**	**0.1235**	**15.7927**	**0.1025**	**15.8952**	**4.2327**	**0.0965**	**4.3291**	**205.0106**	**12,252.6761**	**12,457.6868**	**12.8180**	**0.0420**	**12,790.6467**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**6.96**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.4078	5.8836	28.9159	0.1221	15.7927	0.0842	15.8769	4.2327	0.0782	4.3109	0.0000	11,134.4777	11,134.4777	0.2733	0.0000	11,141.3113
Unmitigated	2.4078	5.8836	28.9159	0.1221	15.7927	0.0842	15.8769	4.2327	0.0782	4.3109	0.0000	11,134.4777	11,134.4777	0.2733	0.0000	11,141.3113

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	6,960.44	8,850.40	8850.40	20,933,198	20,933,198
Gasoline/Service Station	0.00	0.00	0.00		
Hotel	1,845.69	1,845.69	1845.69	5,191,105	5,191,105
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	149.25	174.70	174.70	436,716	436,716
Strip Mall	5,493.59	6,430.36	6430.36	16,074,627	16,074,627
Total	14,448.97	17,301.15	17,301.15	42,635,645	42,635,645

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	9.50	7.30	7.30	16.70	64.30	19.00	100	0	0
Gasoline/Service Station	9.50	7.30	7.30	2.00	79.00	19.00	100	0	0
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	100	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	100	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	100	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Gasoline/Service Station	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Hotel	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Other Non-Asphalt Surfaces	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Parking Lot	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692
Strip Mall	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0.000000	0.002788	0.001813	0.005773	0.000951	0.000692

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	836.2743	836.2743	0.0879	0.0182	843.8875
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	836.2743	836.2743	0.0879	0.0182	843.8875
NaturalGas Mitigated	0.0264	0.2402	0.2017	1.4400e-003		0.0183	0.0183		0.0183	0.0183	0.0000	261.4484	261.4484	5.0100e-003	4.7900e-003	263.0021
NaturalGas Unmitigated	0.0264	0.2402	0.2017	1.4400e-003		0.0183	0.0183		0.0183	0.0183	0.0000	261.4484	261.4484	5.0100e-003	4.7900e-003	263.0021

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	245680	1.3200e-003	0.0120	0.0101	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.1104	13.1104	2.5000e-004	2.4000e-004	13.1883
Gasoline/Service Station	57797	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0843	3.0843	6.0000e-005	6.0000e-005	3.1026
Hotel	4.28208e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5081	228.5081	4.3800e-003	4.1900e-003	229.8660
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	305501	1.6500e-003	0.0150	0.0126	9.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	16.3027	16.3027	3.1000e-004	3.0000e-004	16.3996
Strip Mall	8300	4.0000e-005	4.1000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4429	0.4429	1.0000e-005	1.0000e-005	0.4456
Total		**0.0264**	**0.2402**	**0.2017**	**1.4400e-003**		**0.0183**	**0.0183**		**0.0183**	**0.0183**	**0.0000**	**261.4484**	**261.4484**	**5.0100e-003**	**4.8000e-003**	**263.0021**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	245680	1.3200e-003	0.0120	0.0101	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.1104	13.1104	2.5000e-004	2.4000e-004	13.1883
Gasoline/Service Station	57797	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0843	3.0843	6.0000e-005	6.0000e-005	3.1026
Hotel	4.28208e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5081	228.5081	4.3800e-003	4.1900e-003	229.8660
Other Non-Asphalt Surfaces	0	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
Parking Lot	0	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
Strip Mall	305501	1.6500e-003	0.0150	0.0126	9.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	16.3027	16.3027	3.1000e-004	3.0000e-004	16.3996
Strip Mall	8300	4.0000e-005	4.1000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4429	0.4429	1.0000e-005	1.0000e-005	0.4456
Total		**0.0264**	**0.2402**	**0.2017**	**1.4400e-003**		**0.0183**	**0.0183**		**0.0183**	**0.0183**	**0.0000**	**261.4484**	**261.4484**	**5.0100e-003**	**4.8000e-003**	**263.0021**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	4.00044e+006	500.8936	0.0526	0.0109	505.4537
Gasoline/Service Station	19482.2	2.4394	2.6000e-004	5.0000e-005	2.4616
Hotel	832920	104.2896	0.0110	2.2700e-003	105.2390
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112167	14.0444	1.4800e-003	3.1000e-004	14.1723
Parking Lot	114345	14.3171	1.5000e-003	3.1000e-004	14.4474
Parking Lot	34412.4	4.3088	4.5000e-004	9.0000e-005	4.3480
Strip Mall	1.52383e+006	190.7978	0.0200	4.1500e-003	192.5347
Strip Mall	41400	5.1837	5.4000e-004	1.1000e-004	5.2309
Total		**836.2743**	**0.0879**	**0.0182**	**843.8875**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	4.00044e+006	500.8936	0.0526	0.0109	505.4537
Gasoline/Service Station	19482.2	2.4394	2.6000e-004	5.0000e-005	2.4616
Hotel	832920	104.2896	0.0110	2.2700e-003	105.2390
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112167	14.0444	1.4800e-003	3.1000e-004	14.1723
Parking Lot	114345	14.3171	1.5000e-003	3.1000e-004	14.4474
Parking Lot	34412.4	4.3088	4.5000e-004	9.0000e-005	4.3480
Strip Mall	1.52383e+006	190.7978	0.0200	4.1500e-003	192.5347
Strip Mall	41400	5.1837	5.4000e-004	1.1000e-004	5.2309
Total		**836.2743**	**0.0879**	**0.0182**	**843.8875**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5601	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Unmitigated	0.7843	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2671					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5167					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-004	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Total	**0.7843**	**5.0000e-005**	**5.6600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0111**	**0.0111**	**3.0000e-005**	**0.0000**	**0.0118**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0429					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5167					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-004	5.0000e-005	5.6600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0111	0.0111	3.0000e-005	0.0000	0.0118
Total	**0.5601**	**5.0000e-005**	**5.6600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0111**	**0.0111**	**3.0000e-005**	**0.0000**	**0.0118**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	28.1194	0.7884	0.0190	53.4931
Unmitigated	28.1194	0.7884	0.0190	53.4931

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	4 / 0	3.9791	0.1306	3.1400e-003	8.1794
Gasoline/Service Station	0.265638 / 0.16281	0.3356	8.6800e-003	2.1000e-004	0.6152
Hotel	5.85972 / 0.65108	6.1144	0.1914	4.6000e-003	12.2701
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	14.0027 / 8.58228	17.6904	0.4577	0.0111	32.4285
Total		**28.1194**	**0.7884**	**0.0190**	**53.4931**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	4 / 0	3.9791	0.1306	3.1400e-003	8.1794
Gasoline/Service Station	0.265638 / 0.16281	0.3356	8.6800e-003	2.1000e-004	0.6152
Hotel	5.85972 / 0.65108	6.1144	0.1914	4.6000e-003	12.2701
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	14.0027 / 8.58228	17.6904	0.4577	0.0111	32.4285
Total		**28.1194**	**0.7884**	**0.0190**	**53.4931**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	197.3559	11.6634	0.0000	488.9410
Unmitigated	197.3559	11.6634	0.0000	488.9410

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	198.49	40.2917	2.3812	0.0000	99.8209
Total		**197.3559**	**11.6634**	**0.0000**	**488.9410**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	636.5	129.2038	7.6357	0.0000	320.0968
Gasoline/Service Station	10.78	2.1882	0.1293	0.0000	5.4213
Hotel	126.47	25.6723	1.5172	0.0000	63.6020
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	198.49	40.2917	2.3812	0.0000	99.8209
Total		**197.3559**	**11.6634**	**0.0000**	**488.9410**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

PGE Power Mix[1]

Source	2012	2013	2014	2015	2016	2017	2030
Renewables	19%	22%	27%	30%	33%	33%	60%
Natural Gas[3]	27%	28%	24%	25%	17%	20%	24%
Nuclear	21%	22%	21%	23%	24%	27%	0%
Large Hydroelectric[3]	11%	10%	8%	6%	12%	18%	11%
Unspecified	21%	18%	21%	17%	14%	2%	5.7%
Total	99%	100%	101%	101%	100%	100%	100%
CO2 Intensity Factor[2]	**444.62**	**427.27**	**434.92**	**404.51**	**293.67**	**--**	**276.0**

Notes:

1. PG&E Sustainability Reports
2. The Climate Registry
3. For these categories, the 2030 value is the average of past years.

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Generator Emissions

Costco Emergency Generator GHG Emissions

Conversion Factors	
HP/kW	1.3
CO2 kg/gal[1]	10.26
CH4 g/gal[2]	0.58
N2O g/gal[2]	0.26
GWP CH4[3]	25.0
GWP N2O[3]	298.0
CO2e g/gal	10352.0
CO2 g/gal	10260.0
CO2/CO2e[4]	99.11%
g/lb	453.6

Generator Rating:	1,000	kW
	1,341	HP
Load Factor[5]:	0.74	
Engine Emissions Tier:	Rule 1470 Compliant	
Operating Hours per Unit[6]:	2	hours/day
	50	hours/year

Emergency Generator Emissions

	Greenhouse Gases [4]	
Units	**CO_2**	**CO_2e**
g/kW-hr	—	—
g/HP-hr[7]	521.64	526.32
lbs/hr	1141.21	1,151.44
lbs/day	2,282.42	2,302.88
lbs/yr	57,060.44	57,571.98
tons/yr	**28.53**	**28.79**
metric tons/yr	**25.88**	**26.11**

1 Climate Registry, Table 12.1, https://www.theclimateregistry.org/wp-content/uploads/2018/06/The-Climate-Registry-2018-Default-Emission-Factor-Document.pdf

2 Climate Registry, Table 13.7 (Other Large Utility): https://www.theclimateregistry.org/wp-content/uploads/2018/06/The-Climate-Registry-2018-Default-Emission-Factor-Document.pdf

3 IPCC AR4 GWP, https://www.arb.ca.gov/cc/inventory/background/gwp.htm

4 Emissions of GHGs assume 99.11% of the CO2e emissions occur as CO2, based on Climate Registry emission factors as referenced above.

5 Load Factor based on CalEEMod Generator Set Load Factor

6 Number of hours permitted for testing and maintenance consistent with BAAQMD Regulation 9-8-330.3

7 Emission factor for CO2: U.S. Environmental Protection Agency, AP-42 Compilation of Air Pollutant Emission Factors, Fifth Edition, Section 3.3, Table 3.3-1.

Hotel Emergency Generator GHG Emissions

Conversion Factors	
HP/kW	1.3
CO2 kg/gal[1]	10.26
CH4 g/gal[2]	0.58
N2O g/gal[2]	0.26
GWP CH4[3]	25.0
GWP N2O[3]	298.0
CO2e g/gal	10352.0
CO2 g/gal	10260.0
CO2/CO2e[4]	99.11%
g/lb	453.6

Generator Rating:	1,000	kW
	1,341	HP
Load Factor[5]:	0.74	
Engine Emissions Tier:	Rule 1470 Compliant	
Operating Hours per Unit[6]:	2	hours/day
	50	hours/year

Emergency Generator Emissions

	Greenhouse Gases [4]	
Units	**CO_2**	**CO_2e**
g/kW-hr	—	—
g/HP-hr[7]	521.64	526.32
lbs/hr	1141.21	1,151.44
lbs/day	2,282.42	2,302.88
lbs/yr	57,060.44	57,571.98
tons/yr	**28.53**	**28.79**
metric tons/yr	**25.88**	**26.11**

1 Climate Registry, Table 12.1, https://www.theclimateregistry.org/wp-content/uploads/2018/06/The-Climate-Registry-2018-Default-Emission-Factor-Document.pdf

2 Climate Registry, Table 13.7 (Other Large Utility): https://www.theclimateregistry.org/wp-content/uploads/2018/06/The-Climate-Registry-2018-Default-Emission-Factor-Document.pd

3 IPCC AR4 GWP, https://www.arb.ca.gov/cc/inventory/background/gwp.htm

4 Emissions of GHGs assume 99.11% of the CO2e emissions occur as CO2, based on Climate Registry emission factors as referenced above.

5 Load Factor based on CalEEMod Generator Set Load Factor

6 Number of hours permitted for testing and maintenance consistent with BAAQMD Regulation 9-8-330.3

7 Emission factor for CO2: U.S. Environmental Protection Agency, AP-42 Compilation of Air Pollutant Emission Factors, Fifth Edition, Section 3.3, Table 3.3-1.

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Vehicle Emissions

Light-Duty Vehicle Idling GHG Emissions at Gas Station

MT/g	CO_2	CH_4	N_2O
1.00000E-06		GWP[1]	
	1	25	298

Year	CO_2	CH_4	N_2O
		g/min	
2021	61.0082	0.0020	0.0009
2031	46.5566	0.0007	0.0005

Light-Duty Vehicle Idling Fuel Consumption at Gas Station

Phase	Year	Trips per Day (In/Out)	# of Cars Idling per Day	Idling Duration (min)	Days/yr	CO_2	CH_4	N_2O	$MTCO_2e/yr$
						MT/yr			
Phase 1	2021	3371	1686	10	365	375.35	0.01	0.01	377
Full Buildout	2031	3371	1686	10	365	286.44	0.00	0.00	287

Notes:

1 Global Warming Potentials (GWP) based on IPCC AR4, https://www.arb.ca.gov/cc/inventory/background/gwp.htm

Project Trip Generation

Table 1: Previous Trips Generation Estimates (Phase 1)[1]

Land Use	Size	Unit	Weekday Trips	Saturday Trips	Weekday Trip Rate	Saturday Trip Rate
Retail	24	1000sqft	1,000	1,170	42.6	49.8
Club Retail with Fuel	148	1000sqft	10,710	11,060	72.4	74.7
Hotel (150 Rooms)	88	1000sqft	1,230	1,230	14.0	14.0
		Total	**12,940**	**13,460**		
	Reductions[1]	Pass By Trips (Retail)	300	350		
		Pass By Trips (Club Retail with Fuel)	3,750	2,210		
		Total After Reductions	**8,890**	**10,900**		

Table 2: Previous Trips Generation Estimates (Phase 2)[1]

Land Use	Size	Unit	Weekday Trips	Saturday Trips	Weekday Trip Rate	Saturday Trip Rate
Retail	246	1000sqft	10,510	12,300	42.6	49.9
		30% Reduction	3,153	3,690		
		Net Trips	**7,357**	**8,610**		

Table 3: Updated Trips Generation Estimates (Phase 1)

Land Use	Size	Unit	Weekday Trip Rate	Saturday Trip Rate	Weekday Trips	Saturday Trips
Retail	5	1000sqft	42.6	49.8	213	249
Club Retail with Fuel	148	1000sqft	72.4	74.7	10,710	11,060
Hotel (231 Rooms)	132	1000sqft	14.0	14.0	1,845	1,845
				Total	**12,768**	**13,154**
			Reductions[1]	Pass By Trips (Retail)	64	75
				Pass By Trips (Club Retail with Fuel)	3,750	2,210

Trip Rates for CalEEMod	Weekday Trip Rate	Saturday Trip Rate
Retail	**29.82**	**34.89**
Club Retail with Fuel	**47.03**	**59.80**
Hotel (231 Rooms)*	**7.99**	**7.99**

**CalEEMod uses vehicle trips per room instead of SF*

Vehicle Type	Fleet Distribution	Fleet Distribution**
LDA	0.59	0.594046867
LDT1	0.06	0.064403952
LDT2	0.21	0.208695384
MDV	0.13	0.132853797

**These values entered in CalEEMod, all other vehicle categories zeroed-out, only these light-duty vehicle categories are evaluated.*

Net Total	
Retail	149
Club Retail with Fuel	6,960
Hotel (231 Rooms)	1,845

Weighted Daily Trips	
Retail	156
Club Retail with Fuel	7,500
Hotel (231 Rooms)	1,845

Total After Reductions	**8,954**	**10,869**
Weighted Daily Trips	**9,501**	

Table 4: Updated Trips Generation Estimates (Phase 2)

Land Use	Size	Unit	Weekday Trip Rate	Saturday Trip Rate	Weekday Trips	Saturday Trips
Retail	184	1000sqft	43	50	7,849	9,185
				Total	**7,849**	**9,185**
			Reductions[1]	Pass By Trips (Retail)	2,355	2,756
				Total After Reductions	**5,494**	**6,430**
				Weighted Daily Trips	**5,596**	

Trip Rates for CalEEMod	Weekday Trip Rate	Saturday Trip Rate
Retail	**29.85**	**34.94**

Hotel/Retail Trucks

Land Use	Weighted Daily Trucks
Phase 2-Retail	165
Phase 1-Retail	4
Phase 1-Hotel	54

Phase 2 Retail Trucks

Weekday Trips	Weekend Trips
157	184
Weighted Daily Trucks	
112.45	52.64

1) Johnson Drive Economic Development Zone Transportation Impact Analysis, Fehr & Peers, 2015.

HHDT Running GHG Emissions

MT/g	CO_2	CH_4	N_2O
0.000001	GWP[1]		
	1	25	298

MY AGG Year	CO_2	CH_4	N_2O
	g/mi		
2021	1522.743	0.006	0.239
2031	1177.268	0.001	0.185

MY 2016 Year	CO_2	CH_4	N_2O
	g/mi		
2021	1353.843	0.001	0.213
2031	1388.080	0.001	0.218

Phase 1 HHDT Running GHG Emissions[2]

Source	Year	# of Trucks per Day	Total Truck Trips per Day (In/Out)	Trip Length (mi)	Days/year	CO_2	CH_4	N_2O	$MTCO_2e/yr$
						MT/yr			
Costco	2021	10	20	24.5	365	242.13	0.00	0.04	253.48
Gas Station	2021	6	12	30.0	365	177.90	0.00	0.03	186.23
Phase 1 - Retail/Hotel	2021	29	58	7.3	365	236.55	0.00	0.04	247.65
								Phase 1 Total	**687.36**

Full Buildout HHDT Running GHG Emissions

Source	Year	# of Trucks per Day	Total Truck Trips per Day (In/Out)	Trip Length (mi)	Days/year	CO_2	CH_4	N_2O	$MTCO_2e/yr$
						MT/yr			
Costco	2031	10	20	24.5	365	248.26	0.00	0.04	259.89
Gas Station	2031	6	12	30.0	365	182.39	0.00	0.02	189.64
Phase 1 - Retail/Hotel	2031	29	58	7.3	365	182.88	0.00	0.03	191.45
Phase 2- Trucks	2031	165	330	7.3	365	1035.74	0.00	0.16	1084.28
								Full Buildout Total	**1725.27**

Notes:

1 Global Warming Potentials (GWP) based on IPCC AR4, https://www.arb.ca.gov/cc/inventory/background/gwp.htm

2 Costco truck fleet emission factors are based on an average truck model year of 2016. Non-costco trucks emission factors are based on an aggregate truck model year.

HHDT Idling GHG Emissions

MT/g	CO_2	CH_4	N_2O
0.000001	GWP[1]		
	1	25	298

MY AGG	CO_2	CH_4	N_2O
Year	g/min[2,3]		
2021	101.7912	0.0018	0.0720
2031	84.0896	0.0018	0.0602

MY 2016	CO2	CH4	N2O
Year	g/min[2,3]		
2021	95.9612	0.0018	0.1076
2031	95.9612	0.0018	0.0682

Phase 1 HHDT Idling GHG Emissions[4]

Source	Year	# of Trucks per Day	Idling Minutes	Days per year	CO_2	CH_4	N_2O	$MTCO_2e/yr$
					MT/yr			
Costco	2021	10	15	365	5.25	1.00E-04	5.89E-03	7.01
Gas Station	2021	6	15	365	3.15	6.02E-05	3.54E-03	4.21
Phase 1 - Retail/Hotel	2021	29	15	365	16.25	2.95E-04	1.15E-02	19.68
							Phase 1 Total	**30.90**

Full Buildout HHDT Idling GHG Emissions

Source	Year	# of Trucks per Day	Idling Minutes	Days/year	CO_2	CH_4	N_2O	$MTCO_2e/yr$
					MT/yr			
Costco	2031	10	15	365	5.25	1.00E-04	3.73E-03	6.37
Gas Station	2031	6	15	365	3.15	6.02E-05	2.24E-03	3.82
Phase 1 - Retail/Hotel	2031	29	15	365	13.42	2.91E-04	9.61E-03	16.29
Phase 2- Trucks	2031	165	15	365	76.01	1.65E-03	5.44E-02	92.27
							Full Buildout Total	**118.75**

Notes:

1 Global Warming Potentials (GWP) based on IPCC AR4, https://www.arb.ca.gov/cc/inventory/background/gwp.htm

2 CO2 and CH4 values from EMFAC2017 desktop version

3 N2O value from EMFAC2017 Web Database

4 Costco truck fleet emission factors are based on an average truck model year of 2016. Non-costco trucks emission factors are based on an aggregate truck model year.

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Transportation Refrigeration Unit Emissions

TRU Operation

TRU Fuel Consumption

Source	Input
Costco	
Daily Trucks[1]	10
Trucks per Hour	1
Percent box trucks with TRUs[1]	75%
TRU operation/trip (hrs)[1]	2
Annual hours of TRU operation	5,475
Phase 1 - Retail/Hotel	
Daily one-way trips	58
Daily Trucks	29
Trucks per Hour	3
Percent semi trucks with TRUs[1]	25%
TRU operation/trip (hrs)[1]	2
Annual hours of TRU operation	5,320
Phase 2 - Onsite Businesses	
Daily one-way trips	330
Daily Trucks	165
Trucks per Hour	17
Percent semi trucks with TRUs[1]	25%
TRU operation/trip (hrs)[1]	2
Annual hours of TRU operation	30,130

Parameters for TRU Trucks	
TRU horsepower[2]	34
TRU load factor	0.46

MT/g
0.000001

Phase 1 TRU Diesel Consumption

Source	Year	Annual Hours of TRU Operation	CO_2 (g/hr)[2]	$MTCO_2$
Costco	2021	5,475	19,715	107.94
Phase 1 - Retail/Hotel	2021	5,320	19,715	104.88
			Phase 1 Total	**212.82**

Full Buildout TRU Diesel Consumption

Source	Year	Annual Hours of TRU Operation	CO_2 (g/hr)[2]	$MTCO_2$
Costco	2031	5,475	19,715	107.94
Phase 1 - Retail/Hotel	2031	5,320	19,715	104.88
Phase 2 - Onsite Businesses	2031	30,130	19,715	594.00
			Full Buildout Total	**806.83**

Notes:

1 Johnson Drive HRA Assumptions

2 NREL, Emissions of Transport Refrigeration Units with CARB Diesel, Gas-to-Liquid Diesel, and Emissions Control Devices, p.5. Accessed February 2019.

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GHG Emissions Reductions from Solar PV System

Solar PV Calculations

Rooftop PV System of 500 kW (AC)
ET 345 W Modules = 2,052 count
Solectria PVI 60TL-480

Annual Production KWh =	1,128,400
Total Rated Watts(ac) =	540,000

CalEEMod EFs used for Project

2021	294	lbs/MWh (estimated 2020 EF)
	150	MT CO2e/year
2031	276	lbs/MWh (estimated 2020 EF)
	141	MT CO2e/year

Independent PG&E EF analysis

2021	309	lbs/MWh (estimated 2020 EF)
	158	MT CO2e/year
2031	262	lbs/MWh (estimated 2020 EF)
	134	MT CO2e/year

Total Project Emissions-Does not include EVCS Reductions

2021	11,761	MT CO2e/year
2031	15,504	MT CO2e/year

Total Project Emissions AFTER Solar PV

2021	11,611	MT CO2e/year
2031	15,363	MT CO2e/year

SP

2021	642
2031	1,149

Per SP

2021	18.1	MT CO2e/year-SP
2031	13.4	MT CO2e/year-SP

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GHG Emissions Reductions from Electric Vehicle Charging Stations

2021 EVCS Calculations

Costco Electric Vehicle Charging Station Energy Consumption

# of EV Parking Spaces[1]	Hours of EV Charging/Space/Day[2] (hours)	Power Consumption (kW)[2]	Daily Electricity Consumption (kWh/day)	Days /Year[11]	kWh/year
10	6	6.25	375	358	134,250

Costco Electric Vehicle Charging Station GHG Reductions[7]

PG&E 2021 GHG Emission Factors (lbs/MWh)[3,4]			Global Warming Potentials[5]			PG&E 2021 Electricty Emission Factor (lbs CO_2e/MWh)
CO_2	CH_4	N_2O	CO_2	CH_4	N_2O	
293.67	0.029	0.00617	1	25	298	296.23

Variable	Value
PG&E 2021 Electricty Emission Factor ($MTCO_2e$/MWh)	0.13
Fuel Economy of Electric Vehicle (kWh/mile)[2,8]	0.25
Gasoline/Diesel CO_2e Running Emission Factor (g/mile)[10]	287.10
Level 2 Charging Rate (driving miles/hour of charging)[2,6]	25.00
Annual VMT per Charging Station (miles/charging station/year)	53,700
Annual VMT from All Charging Stations (miles/year)	537,000
GHG Emissions from Gasoline/Diesel Vehicles ($MTCO_2e$/year)	154.17
GHG Emissions of Electric Vehicles ($MTCO_2e$/year)	18.04
GHG Emissions Reduction	**136.13**
GHG Reduction Per Parking Space	13.61

Costco Electric Vehicle Charging Station Fuel Savings[9]

				Fuel Distribution		Annual Fuel Savings (gallons)	
Operational Year	Annual VMT from All Charging Stations (miles/year)	DSL Fuel Factor (gal/mi)	GAS Fuel Factor (gal/mi)	DSL % of VMT	GAS % of VMT	DSL	GAS
2021	537,000	0.0331	0.0431	4%	96%	764	22,125

1. Information provided by applicant
2. Daily charging hours per space based on conservative assumption that charging stations used no more than 50% of warehouse open hours.

3. The Climate Registry, 2018 Default Emission Factors
4. CH4 and N2O electricity emission factors based on CalEEMod default values for PG&E.
   CalEEMod User's Guide, Appendix D, Table 1.2
5. Global Warming Potentials based on Intergovernmental Panel on Climate Change Assessment Report 4. GWPs consistent with CARBs GHG Emissions Inventory.
   https://www.arb.ca.gov/cc/inventory/background/gwp.htm
6. Assumes a Level 2 Charging Space
7. Methodology based on GHG reduction calculations of Commercial EVCS for Newhall Ranch Project
8. US Department of Energy, Alternative Fuels Data Center, Electric Vehicle Benefits and Considerations
   https://afdc.energy.gov/fuels/electricity_benefits.html
9. Fuel Factors and Fuel Distribution obtained from Project's Operational Fuel Consumption calculations.
10. Emission factor derivation consistent with metholdogy used for Newhall Ranch Project
11. Costco is closed 7 days per year
    https://www.costco.com/hours-and-holiday-closures.html

2031 EVCS Calculations

Costco Electric Vehicle Charging Station Energy Consumption

# of EV Parking Spaces[1]	Hours of EV Charging/Space/Day[2] (hours)	Power Consumption (kW)[2]	Daily Electricity Consumption (kWh/day)	Days /Year[11]	kWh/year
10	6	6.25	375	358	134,250

Costco Electric Vehicle Charging Station GHG Reductions[7]

PG&E 2031 GHG Emission Factors (lbs/MWh)[3,4]			Global Warming Potentials[5]			PG&E 2031 Electricty Emission Factor (lbs CO_2e/MWh)
CO_2	CH_4	N_2O	CO_2	CH_4	N_2O	
276.04	0.029	0.00617	1	25	298	278.60

Variable	Value
PG&E 2031 Electricty Emission Factor ($MTCO_2e$/MWh)	0.13
Fuel Economy of Electric Vehicle (kWh/mile)[2,8]	0.25
Gasoline/Diesel CO_2e Running Emission Factor (g/mile)[10]	202.67
Level 2 Charging Rate (driving miles/hour of charging)[2,6]	25.00
Annual VMT per Charging Station (miles/charging station/year)	53,700
Annual VMT from All Charging Stations (miles/year)	537,000
GHG Emissions from Gasoline/Diesel Vehicles ($MTCO_2e$/year)	108.83
GHG Emissions of Electric Vehicles ($MTCO_2e$/year)	16.97
GHG Emissions Reduction	**91.87**
GHG Reduction Per Parking Space	9.19

Costco Electric Vehicle Charging Station Fuel Savings[9]

				Fuel Distribution		Annual Fuel Savings (gallons)	
Operational Year	Annual VMT from All Charging Stations (miles/year)	DSL Fuel Factor (gal/mi)	GAS Fuel Factor (gal/mi)	DSL % of VMT	GAS % of VMT	DSL	GAS
2031	537,000	0.0260	0.0337	5%	95%	662	17,230

1. Information provided by applicant
2. Daily charging hours per space based on assumption that charging stations in use approximately 50% of store's open hours.
3. The Climate Registry, 2018 Default Emission Factors
4. CH4 and N2O electricity emission factors based on CalEEMod default values for PG&E.
   CalEEMod User's Guide, Appendix D, Table 1.2
5. Global Warming Potentials based on Intergovernmental Panel on Climate Change Assessment Report 4. GWPs consistent with CARBs GHG Emissions Inventory.
   https://www.arb.ca.gov/cc/inventory/background/gwp.htm
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8. US Department of Energy, Alternative Fuels Data Center, Electric Vehicle Benefits and Considerations
   https://afdc.energy.gov/fuels/electricity_benefits.html
9. Fuel Factors and Fuel Distribution obtained from Project's Operational Fuel Consumption calculations.
10. Emission factor derivation consistent with metholdogy used for Newhall Ranch Project
11. Costco is closed 7 days per year
    https://www.costco.com/hours-and-holiday-closures.html

Phase 1 Vehicle Fleet Mix

FleetMixLandUseSubType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692
Gasoline/Service Station	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692
Hotel	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692
Other Non-Asphalt Surfaces	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692
Parking Lot	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692
Strip Mall	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692

Light Duty Fleet Mix

LDA	LDT1	LDT2
0.718361	0.044545	0.237094

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Weighted Emission Factor (g/mile)	Weighted Emission LD CO_2 Emission Factor
A	CO2_NBIO_RUNEX	260.8183	318.0366	360.9024	480.9263	703.239	722.9495	1202.831	1653.497	1319.03	2154.934	172.8633	1145.98	1222.96	341.5756634	287.0964595

Full Buildout Vehicle Fleet Mix

FleetMixLandUseSubType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692
Gasoline/Service Station	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692
Hotel	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692
Other Non-Asphalt Surfaces	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692
Parking Lot	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692
Strip Mall	0.603495	0.037422	0.199183	0.109359	0.012926	0.005431	0.020167	0	0.002788	0.001813	0.005773	0.000951	0.000692

Light Duty Fleet Mix

LDA	LDT1	LDT2
0.718361	0.044545	0.237094

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Weighted Emission LD CO_2 Emission Factor
A	CO2_NBIO_RUNEX	181.3834	230.6901	261.8835	354.8922	638.7943	674.6585	1162.173	1503.697	1273.804	1938.928	175.6877	1074.003	1181.944	202.6658785

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Operations Emissions Summary

Operations GHG Summary	Phase 1 (2021)	Full Buildout (2031)
Source	**$MTCO_2e/yr$**	
Area	0.008	0.0118
Electricity	677	844
Natural Gas	247	263
Light-Duty Vehicles (Running)	9,324	11,141
Light-Duty Vehicles (Idling at Gas Station)	377	287
Heavy Duty Trucks (Running)	687	1,725
Heavy Duty Trucks (Idling)	31	119
TRUs	213	807
Costco Generator	26	26
Hotel Generator	26	26
Waste	392	489
Water	22	53
Construction (Amortized over 30 years)	42	69
Project Subtotal	**12,065**	**15,850**
Reductions from EV Charging Stations	136	92
Project Total	**11,929**	**15,758**
Mitigation Reductions		
MM-GHG-1: Costco Solar PV System	150	141
Total Project Emissions After Mitigation	11,778	15,617

Final

CITY OF PLEASANTON JOHNSON DRIVE ECONOMIC DEVELOPMENT ZONE

Energy Analysis Technical Memo

Prepared for
City of Pleasanton

July 2019

ESA

Final

CITY OF PLEASANTON JOHNSON DRIVE ECONOMIC DEVELOPMENT ZONE

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550 Kearny Street
Suite 800
San Francisco, CA 94108
415.896.5900
www.esassoc.com

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TABLE OF CONTENTS

City of Pleasanton Johnson Drive Economic Development Zone Report Energy Analysis Technical Memo

Page

Executive Summary **1**

1 Introduction **1**
- 1.1 Project Description 1
- 1.2 Environmental Setting 2
- 1.3 Regulatory Setting 3
  - 1.3.1 Federal 3
  - 1.3.2 State 4
  - 1.3.3 Local 9

2 Methods **9**
- 2.1 Construction Energy 9
- 2.2 Operational Energy 11

3 Energy Assessment **13**
- 3.1 Thresholds of Significance 13
- 3.2 Project Impacts 14
  - Construction Energy Use 14
  - Operational Energy Use 16
  - Construction Energy Use 20
  - Operational Energy Use 22

4 Conclusion **24**

Appendices

A. Project Construction and Operational Energy Calculation Worksheets

List of Tables

Table 1 Electricity and Natural Gas Delivered to Retail Customers in 2017 for Alameda County and PG&E's Service Area 2
Table 2 Transportation Fuel Consumption in 2017 for Alameda County and California 2
Table 3 Estimated Project Construction Fuel Usage 14
Table 4 Estimated Annual Project Electricity and Natural Gas Usage for Phase 1 and Full Buildout 17
Table 5 Estimated Annual Project Transportation Fuel Usage for Phase 1 and Full Buildout 18

Page

CITY OF PLEASANTON JOHNSON DRIVE ECONOMIC DEVELOPMENT ZONE REPORT

Energy Analysis Technical Memo

Executive Summary

This technical memorandum (Memo) analyzes the impacts on energy resources due to construction and operation of the Johnson Drive Economic Development Zone Project (Project) located in the City of Pleasanton (City). In accordance with the requirements under the California Environmental Quality Act (CEQA) Guidelines, specifically Appendix G, Environmental Checklist, and Appendix F, Energy Conservation, this assessment provides an estimate of energy consumption for the Project and the potential impacts from associated construction and operational activities. The assessment includes the categories and types of energy consumption resulting from the Project, the calculation procedures used in the analysis, and any assumptions or limitations.

Construction of the Project would occur in two phases. Phase 1 would begin in 2020 with a one-year duration and Phase 2 would begin in 2030 with a one-year duration. Each of the construction phases would utilize energy for necessary on-site construction activities and to transport materials, soil, and debris to and from the site. Phase 1 construction would consume approximately 114,345 gallons of diesel and 19,813 gallons of gasoline during the one-year construction timeframe. Phase 2 construction would consume approximately 64,504 gallons of diesel and 14,051 gallons of gasoline during the one-year construction timeframe.

Phase 1 diesel consumption would represent approximately 0.10 and 0.003 percent of total 2017 diesel fuel consumption in Alameda County and California, respectively. Phase 1 gasoline consumption would represent approximately 0.003 and 0.0001 percent of County and State 2017 gasoline consumption, respectively. Phase 2 diesel consumption would represent approximately 0.06 and 0.002 percent of County and State 2017 diesel consumption, respectively. Phase 2 gasoline consumption would represent approximately 0.002 and 0.0001 percent of County and State 2017 gasoline consumption, respectively. The estimated annual average construction fuel usage would represent a very small fraction of annual (2017) fuel usage in Alameda County and the State. As stated in the Health Risk Assessment prepared for the Project, Phase 1 would not require haul trucks to export rubble resulting from the demolition of existing buildings at the site; all rubble and new construction and demolition debris would be reused on-site. By using this material on-site as construction base, the Project would eliminate both disposal trips for the demolition debris and haul trips for new aggregated fill material, thus eliminating the diesel fuel consumption associated with each truck trip. The Project would comply with applicable

construction regulations that affect energy demand, such as idling restrictions that would result in less fuel combustion and energy consumption and minimize the Project's construction-related energy use. As a result, construction energy impacts would be considered **less than significant**.

Operational energy consumption would occur from building energy needs (electricity and natural gas), off-site water supply and wastewater treatment, and from transportation fuels (e.g., diesel and gasoline) used for vehicles traveling to and from the site, transportation refrigeration units (TRUs), and emergency generators. Project operations would occur in two phases. Phase 1 operations would commence in 2021 and Full Buildout operations would commence in 2031.

Phase 1 operations would have an annual electricity demand of approximately 5.19 million kilowatt-hours (kWh), which represents approximately 0.006 percent of Pacific Gas & Electric Company (PG&E) network sales for 2017. Phase 1 operations would represent approximately 0.05 percent of electricity supplied by PG&E to the County in 2017. Phase 1 operations would have an annual natural gas demand of approximately 4.43 million standard cubic feet (scf), which represents approximately 0.002 percent of the PG&E network sales for 2017. Phase 1 operations would represent approximately 0.01 percent of natural gas supplied by PG&E to the County in 2017.

Phase 1 operations would consume approximately 130,009 gallons of diesel and 1,134,300 gallons of gasoline annually associated with vehicle trips and emergency generators. Phase 1 diesel consumption would represent approximately 0.11 percent and 0.003 percent of County and State 2017 diesel consumption, respectively. Phase 1 gasoline consumption would represent approximately 0.19 percent and 0.007 percent of County and State 2017 gasoline consumption, respectively.

Full Buildout operations would have an annual electricity demand of approximately 7.07 million kWh, which represents approximately 0.009 percent of PG&E's network sales for 2017. Full Buildout operations would represent approximately 0.06 percent of electricity supplied by PG&E to the County in 2017. Full Buildout operations would have an annual natural gas demand of approximately 4.72 million scf, which represents approximately 0.002 percent of PG&E's network sales for 2017. Full Buildout operations would represent approximately 0.01 percent of natural gas supplied by PG&E to the County in 2017.

Full Buildout operations would consume approximately 303,191 gallons of diesel and 1,407,991 gallons of gasoline annually associated with vehicle trips and emergency generators. Full Buildout diesel consumption would represent approximately 0.27 and 0.008 percent of County and State 2017 diesel consumption, respectively. Full Buildout gasoline consumption would represent approximately 0.24 and 0.009 percent of County and State gasoline 2017 consumption, respectively.

The amount of energy used would represent an insubstantial fraction of the region's available energy supply and capacity. The Project would be consistent with energy efficiency standards in the applicable Title 24 Energy Efficiency Standards for Nonresidential Buildings and the Title 24 Building Energy Efficiency Standards, referred to as the California Green Building Standards (CALGreen) Code and include electric vehicle supply equipment (EVSE) to promote

transportation energy efficiency. Additionally, the Costco warehouse will install a rooftop solar PV system of at least 500 kilowatts (kW) of AC power within two years of the store opening (see the *Greenhouse Gas Technical Analysis*, section 3.2 *Project Design Features*). This system is estimated to reduce the warehouse's consumption of electricity provided by PG&E by 1,128,400 kWh annually. In addition, this analysis assumes that rooftop solar photovoltaic systems would be installed on the Phase 1 hotel(s) and retail space and on the Phase 2 retail space (or other Phase 2 development as may be approved), in compliance with Mitigation Measure GHG-2. The systems shall be designed to maximize electricity production pending the final design of each building type and shall cover a minimum of 50 percent of the available rooftop space (see the *Greenhouse Gas Technical Analysis*, section 3.2 *Project Design Features*).

Because the Project would be consistent with energy efficient building standards and promote transportation energy efficiency, it would not result in the wasteful, inefficient, and unnecessary consumption of energy or preclude opportunities for improving overall fuel efficiency and future energy conservation. As a result, operational energy impacts would be considered **less than significant**.

CITY OF PLEASANTON JOHNSON DRIVE ECONOMIC DEVELOPMENT ZONE REPORT

Energy Analysis Technical Memo

1 Introduction

This section analyzes impacts on energy resources due to construction and operation of the Project. Section 15126.2 (b) of the 2019 California Environmental Quality Act (CEQA) Guidelines (CEQA Guidelines) states that a project's energy use shall be analyzed to determine the potential energy impacts of proposed projects, with particular emphasis on avoiding or reducing inefficient, wasteful, and unnecessary consumption of energy. The analysis should also evaluate compliance with building codes and renewable energy features that are or could be incorporated into the project. Appendix G of the CEQA Guidelines, Environmental Checklist, provides screening questions to assist lead agencies when assessing a project's potential energy impacts. Additionally, Appendix F, Energy Conservation, provides guidance on information to use when evaluating a project's energy use.

Appendix F of the CEQA Guidelines states that, in order to ensure that energy implications are considered in project decisions, the potential energy implications of a project shall be considered in an EIR, to the extent relevant and applicable to the project. Appendix F further states that a project's energy consumption and proposed conservation measures may be addressed, as relevant and applicable, in the Project Description, Environmental Setting and Impact Analysis portions of a project's Environmental Impact Report (EIR), as well as through mitigation measures and alternatives.

In accordance with Appendix G and utilizing guidance from Appendix F of the CEQA Guidelines, this EIR includes relevant information and analyses that address the energy implications of the Project. This section represents a summary of the Project's anticipated energy needs, impacts, and conservation measures.

1.1 Project Description

The Project site would be developed with approximately 148,000 square feet (sf) of club retail (Costco store) with a 20-pump (dispensers) gas station on parcel 6. Parking for up to 800 vehicles and landscaping and site improvements, including bio-retention areas to manage on-site stormwater runoff and trees planted throughout the parcel to provide shading and visual screening around the perimeter, would also be developed on this parcel. A 231-room hotel consisting of

approximately 132,000 sf and 5,000 sf of retail would be developed on parcels 9 and 10, and the remaining parcels would be developed with approximately 184,000 sf of retail space.

1.2 Environmental Setting

Electrical and gas services in the Project area are provided by PG&E. PG&E obtains its energy supplies from power plants and natural gas fields in northern California, as well as from energy purchased outside its service area and delivered through high voltage transmission lines and pipelines. Power is generated from various sources, including fossil fuel, hydroelectric, nuclear, wind, and geothermal plants; and is fed into the electrical grid system serving Northern California.

PG&E updates all load forecasts for gas and electricity services every year. Load growth forecasts for this area are currently determined using load growth projection tools that use a number of sources of data including past peak loading, population, development characteristics, and temperature history information. The tables below present the electricity, natural gas, and transportation fuel throughputs for 2017 (the most recent year for which data is available) for PG&E's entire service area and for Alameda County.

TABLE 1
ELECTRICITY AND NATURAL GAS DELIVERED TO RETAIL CUSTOMERS IN 2017 FOR ALAMEDA COUNTY AND PG&E'S SERVICE AREA

Energy Resource	Alameda County[a]	PG&E Service Area[b]
Electricity (million kWh)	11,112	82,226
Natural Gas Total Sales/Usage (million cubic feet)	36,551	234,181

NOTES:

[a] California Energy Commission, California Energy Consumption Database, 2017 Electricity and Natural Gas Consumption by County. http://ecdms.energy.ca.gov/. Accessed March 2019.

[b] PG&E, 2017 Joint Annual Report to Stakeholders, Available at: http://s1.q4cdn.com/880135780/files/doc_financials/2017/annual/2017-Annual-Report-Final.pdf. Accessed February 2019.

TABLE 2
TRANSPORTATION FUEL CONSUMPTION IN 2017 FOR ALAMEDA COUNTY AND CALIFORNIA

Energy Resource	Alameda County	California
Diesel (million gallons)	113	3,798
Gasoline (million gallons)	583	15,584

SOURCE: California Energy Commission, California Retail Fuel Outlet Annual Reporting (CEC-A15) Results, 2017. Available at: https://www.energy.ca.gov/almanac/transportation_data/gasoline/piira_retail_survey.html. Accessed February 2019. Diesel is adjusted to account for retail (51%) and non-retail (49%) diesel sales.

1.3 Regulatory Setting

1.3.1 Federal

National Energy Conservation Policy Act

The National Energy Conservation Policy Act (NECPA) serves as the underlying authority for federal energy management goals and requirements. Signed into law in 1978, it has been regularly updated and amended by subsequent laws and regulations. This act is the foundation of most federal energy requirements. NECPA established energy-efficiency standards for consumer projects and includes a residential program for low-income weatherization assistance, grants and loan guarantees for energy conservation in schools and hospitals, and energy-efficiency standards for new construction. Initiatives in these areas continue today.

National Energy Policy Act of 2005

The National Energy Policy Act of 2005 sets equipment energy efficiency standards and seeks to reduce reliance on nonrenewable energy resources and provide incentives to reduce current demand on these resources. For example, under the act, consumers and businesses can attain federal tax credits for purchasing fuel-efficient appliances and products, including hybrid vehicles; constructing energy-efficient buildings; and improving the energy efficiency of commercial buildings. Additionally, tax credits are available for the installation of qualified fuel cells, stationary microturbine power plants, and solar power equipment.

Executive Order 13423 (Strengthening Federal Environmental, Energy, and Transportation Management), signed in 2007, strengthens the key energy management goals for the federal government and sets more challenging goals than the Energy Policy Act of 2005. The energy reduction and environmental performance requirements of Executive Order 13423 were expanded upon in Executive Order 13514 (Federal Leadership in Environmental, Energy, and Economic Performance), signed in 2009.

Energy and Independence Security Act of 2007 and Corporate Average Fuel Economy Standards

The Energy and Independence Security Act of 2007 sets federal energy management requirements in several areas, including energy reduction goals for federal buildings, facility management and benchmarking, performance and standards for new buildings and major renovations, high-performance buildings, energy savings performance contracts, metering, energy-efficient product procurement, and reduction in petroleum use, including by setting automobile efficiency standards, and increase in alternative fuel use. This act also amends portions of the National Energy Policy Conservation Act.

EPA and NHTSA Joint Rulemaking for Vehicle Standards

In April 2010, the EPA and NHTSA issued a final rulemaking establishing new federal greenhouse gas and fuel economy standards for model years 2012 to 2016 passenger cars, light-duty trucks, and medium-duty passenger vehicles. In addition, on August 9, 2011, the EPA and

NHTSA finalized regulations to reduce GHGs and improve fuel efficiency of medium- and heavy-duty vehicles, including large pickup trucks and vans, semi-trucks, and all types and sizes of work trucks and buses.

In August 2016, the USEPA and NHTSA, working jointly with the California Air Resources Board (CARB), adopted the next phase (Phase 2) of the fuel economy and GHG standards for medium- and heavy-duty trucks, which apply to vehicles with model year 2018 and later.[1] In response to the USEPA's adoption of the Phase 2 standards, CARB developed the California Phase 2 standards to align with the federal Phase 2 standards in structure, timing, and stringency, but with some minor differences that are necessary to ease enforcement, align with existing California programs, and provide incentives to bring advanced technologies to market. On February 8, 2018, CARB approved the proposed California Phase 2 GHG standards and amendments to the Tractor-Trailer GHG regulation.[2]

1.3.2 State

Warren-Alquist Act

The 1975 Warren-Alquist Act established the California Energy Resources Conservation and Development Commission, now known as the California Energy Commission (CEC). The Act established a State policy to reduce wasteful, uneconomical and unnecessary uses of energy by employing a range of measures.

California Energy Plan

California's Energy Action Plan II is the state's principal energy planning and policy document.[3] California Energy Action Plan II describes a coordinated implementation plan for state energy policies and refines and strengthens California's original Energy Action Plan I published in 2003. California Energy Action Plan II identifies specific action areas to ensure that California's energy is adequate, affordable, technologically advanced, and environmentally sound. It adopts a loading order of preferred energy resources to meet the state's needs and reduce reliance on natural gas and other fossil fuels, also important for achieving greenhouse gas (GHG) emission reductions from the electricity sector.

Energy efficiency and demand response are considered the first ways to meet the energy needs of California's growing population.[4] Renewable energy and distributed generation are considered the best ways to achieve this on the supply side. To the extent that energy efficiency, demand

1 United States Environmental Protection Agency, 2016. Final Rule for Greenhouse Gas Emissions and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles - Phase 2, https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-greenhouse-gas-emissions-and-fuel-efficiency. Accessed March 2019.

2 California Air Resources Board, 2018. CA Phase 2 GHG, https://www.arb.ca.gov/msprog/onroad/caphase2ghg/caphase2ghg.htm. Accessed March 2019.

3 California Public Utilities Commission, 2005. Energy Action Plans, http://www.cpuc.ca.gov/eaps/. Accessed March 2019.

4 Demand response is the reduction of customer energy usage during peak periods in order to address system reliability and support the best use of energy infrastructure.

response, renewable resources, and distributed generation are unable to satisfy increasing energy and capacity needs, CEC supports clean and efficient fossil fuel-fired generation to meet California's energy needs. The 2008 Energy Action Plan Update provides a status update to the 2005 Energy Action Plan II and continues the goals of the original California Energy Action Plan.[5]

State of California Integrated Energy Policy Report

Senate Bill (SB) 1389 was signed into law in 2002, and requires the CEC to "conduct assessments and forecasts of all aspects of energy industry supply, production, transportation, delivery and distribution, demand, and prices." These assessments and forecasts are used to develop recommendations for energy policies that conserve state resources, protect the environment, provide reliable energy, enhance the state's economy, and protect public health and safety. The CEC is required to issue a report every two years, and the most recent report is the 2016 Integrated Energy Policy Report, which provides the results of the CEC's assessments of a variety of energy issues facing California including "environmental performance of the electricity generation system, landscape-scale planning, the response to the gas leak at the Aliso Canyon natural gas storage facility, transportation fuel supply reliability issues, updates on Southern California electricity reliability, methane leakage, climate adaptation activities for the energy sector, climate and sea level rise scenarios, and the California Energy Demand Forecast".[6]

State Alternatives Fuel Plan

The State Alternatives Fuel Plan presents strategies and steps that California must take to increase the use of alternative fuels without adversely affecting air quality, water quality, or causing negative health effects.[7] The State Alternatives Fuel Plan recommends alternative fuel targets of 9 percent in 2012, 11 percent in 2017, and 26 percent by 2022. The State Alternatives Fuel Plan also presents a 2050 Vision that extends the plan outcomes and presents a transportation future that greatly reduces the energy needed for transportation, provides energy through a diverse set of transportation fuels, eliminates over-dependency on oil, and achieves an 80 percent reduction in GHG emissions. With these goals, more than 4 billion gasoline gallon equivalents (20 percent) would be displaced by alternative fuels in 2020. CEC estimates that by 2050, alternative fuels could provide more than half of the energy needed to power California's transportation system.

CARB's 2017 Update to the Climate Change Scoping Plan

CARB's Climate Change Scoping Plan, which functions as a roadmap to achieve the California GHG reductions required by Assembly Bill (AB) 32 (2006) and SB 32 (2018) through subsequently enacted regulations, is discussed in detail in the *Greenhouse Gas Technical Analysis*. On December 14, 2017, CARB approved the final version of *California's 2017 Climate*

5 California Energy Commission, 2008 Update Energy Action Plan, https://www.energy.ca.gov/2008publications/CEC-100-2008-001/CEC-100-2008-001.PDF. Accessed March 2019.

6 CEC, 2017. 2016 Integrated Energy Policy Report Update, February 2017, https://www.energy.ca.gov/2016_energypolicy/.

7 California Air Resources Board (CARB), California Energy Commission (CEC), 2007. State Alternative Fuels Plan – Commission Report, December 2007, https://www.energy.ca.gov/2007publications/CEC-600-2007-011/CEC-600-2007-011-CMF.PDF.

Change Scoping Plan (2017 Scoping Plan Update), which outlines the proposed framework of action for achieving California's new SB 32 2030 GHG target: a 40 percent reduction in GHG emissions by 2030 relative to 1990 levels (CARB 2017). The 2017 Scoping Plan Update identifies key sectors of the implementation strategy, which includes improvements in low carbon energy, industry, transportation sustainability, natural and working lands, waste management, and water.

Senate Bill 350

SB 350 was signed into law in October 2015, and establishes a requirement for California to reduce the use of petroleum in cars by 50 percent, to generate half its electricity from renewable resources, and to increase energy efficiency by 50 percent at new and existing buildings, all by the year 2030.

Title 24, Building Standards Code and CALGreen Code

The California Energy Commission (CEC) first adopted the Energy Efficiency Standards for Residential and Nonresidential Buildings (California Code of Regulations, Title 24, Part 6) in 1978 in response to a legislative mandate to reduce energy consumption in the state. These standards also have co-benefits of reducing building emissions of greenhouse gases and other pollutants as a result of reduced consumption of electricity, natural gas, and other fuels from residential and nonresidential buildings subject to the standard. The standards are updated periodically to allow for the consideration and inclusion of new energy efficiency technologies and methods.

The California Building Standards Commission (CBSC) adopted Part 11 of the Title 24 Building Energy Efficiency Standards, referred to as the California Green Building Standards (CALGreen) Code. The purpose of the CALGreen Code is to "improve public health, safety and general welfare by enhancing the design and construction of buildings through the use of building concepts having a positive environmental impact and encouraging sustainable construction practices in the following categories: (1) Planning and design; (2) Energy efficiency; (3) Water efficiency and conservation; (4) Material conservation and resource efficiency; and (5) Environmental air quality".[8] The CALGreen Code is not intended to substitute for or be identified as meeting the certification requirements of any green building program that is not established and adopted by the California Building Standards Commission. The CALGreen Code establishes mandatory measures for new residential and non-residential buildings. Such mandatory measures include energy efficiency, water conservation, material conservation, planning and design and overall environmental quality.[9] The CALGreen Code was most recently updated in 2016 to include new mandatory measures for residential as well as nonresidential uses; the new measures took effect on January 1, 2017.[10] California's Building Energy Efficiency

8 California Building Standards Commission (CBSC), 2010. 2010 California Green Building Standards Code, (2010).

9 Ibid.

10 California Building Standards Commission (CBSC), CALGreen, Guide to 2016 California Green Building Standards Code-Nonresidential, https://www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commission-Resources-List-Folder/CALGreen. Accessed March 2019.

Standards continue to build upon the 2016 standards with implementation of the 2019 Standards that will go into effect January 1, 2020.[11] Although the CALGreen Code was adopted as part of the State's efforts to reduce GHG emissions, the standards have co-benefits of reducing energy consumption from residential and nonresidential buildings subject to the standard.

Zero Net Energy

For newly constructed low-rise homes, the State is steadily moving toward implementing zero-net energy buildings, in which energy efficiency is part of an integrated solution to developing homes that generate as much energy as they consume. The CPUC has set a goal of achieving zero net energy (ZNE) performance for all new low-rise homes constructed in or after 2020, and for all new commercial buildings constructed in or after 2030. Outstanding issues remain, however, including needing to identify compliance pathways when on-site renewable generation is not feasible, and the appropriate role for natural gas in ZNE buildings. The primary challenge is to build a technical and regulatory foundation for orchestration of energy efficiency and all other feasible distributed and customer-sited clean energy resources.

Renewables Portfolio Standard

SB 1078 (Chapter 516, Statutes of 2002) requires retail sellers of electricity, including investor-owned utilities and community choice aggregators, to provide at least 20 percent of their supply from renewable sources by 2017. SB 107 (Chapter 464, Statutes of 2006) changed the target date to 2010. In November 2008, Governor Schwarzenegger signed Executive Order S-14-08, which expands the State's Renewables Portfolio Standard to 33 percent renewable power by 2020. Pursuant to Executive Order S-21-09, CARB was also preparing regulations to supplement the Renewables Portfolio Standard with a Renewable Energy Standard that will result in a total renewable energy requirement for utilities of 33 percent by 2020. But on April 12, 2011, Governor Jerry Brown signed SB X1-2 to increase California's Renewables Portfolio Standard to 33 percent by 2020.

Additionally, the 100 Percent Clean Energy Act of 2018, was enacted on September 10, 2018 as SB 100. This Act accelerates the RPS Program goals as follows: (1) 50 percent renewable resources target by December 31, 2026; and (2) 60 percent renewable resources target by December 31, 2030. This Act also requires that retail sellers and local publicly owned electric utilities procure a minimum quantity of electricity products from eligible renewable energy resources so that the total kilowatt-hours of those products sold to their retail end-use customers achieve 44 percent of retail sales by December 31, 2024, 52 percent by December 31, 2027, and 60 percent by December 31, 2030. Finally, this Act establishes a state policy that eligible renewable energy resources and zero-carbon resources supply 100 percent of retail sales of electricity to California end-use customers and 100 percent of electricity procured to serve all state agencies by December 31, 2045.

[11] California Energy Commission, 2019 Building Energy Efficiency Standards, https://www.energy.ca.gov/title24/2019standards/documents/2018_Title_24_2019_Building_Standards_FAQ.pdf. Accessed March 2019.

California Air Resources Board On-Road and Off-Road Vehicle Regulations

In 2004, the California Air Resources Board (CARB) adopted an Airborne Toxic Control Measure (ATCM) to Limit Diesel-Fueled Commercial Motor Vehicle Idling in order to reduce public exposure to diesel particulate matter emissions (Title 13 California Code of Regulations [CCR] Section 2485). The measure applies to diesel-fueled commercial vehicles with gross vehicle weight ratings greater than 10,000 pounds that are licensed to operate on highways, regardless of where they are registered. This measure does not allow diesel-fueled commercial vehicles to idle for more than five minutes at any given location. While the goal of this measure is primarily to reduce public health impacts from diesel emissions, compliance with the regulation also results in energy savings in the form of reduced fuel consumption from unnecessary idling.

In addition to limiting exhaust from idling trucks, CARB also promulgated emission standards for off-road diesel construction equipment of greater than 25 horsepower (hp) such as bulldozers, loaders, backhoes and forklifts, as well as many other self-propelled off-road diesel vehicles. The In-Use Off-Road Diesel-Fueled Fleets regulation adopted by CARB on July 26, 2007 aims to reduce emissions by installation of diesel soot filters and encouraging the retirement, replacement, or repower of older, dirtier engines with newer emission controlled models (13 CCR Section 2449). The compliance schedule requires full implementation by 2023 in all equipment for large and medium fleets and by 2028 for small fleets.

California Assembly Bill No. 1493 (AB 1493, Pavley), (Chapter 200, Statutes of 2002)

In response to the transportation sector accounting for more than half of California's carbon dioxide (CO_2) emissions, AB 1493 (Chapter 200, Statutes of 2002), authored by Assembly Member Fran Pavley and enacted on July 22, 2002, required CARB to set GHG emission standards for passenger vehicles, light duty trucks, and other vehicles whose primary use is non-commercial personal transportation manufactured in and after 2009. Referred to as the Pavley standards, implementation of AB 1493 was delayed due to litigation, but ultimately upheld by the Supreme Court. The standards established tailpipe GHG emissions standards for model year 2012 through 2016 light-duty vehicles under Phase I and model year 2017 through 2025 light-duty vehicles under Phase II. Although these standards were adopted as part of the State's efforts to reduce GHG emissions, the standards have co-benefits of reducing energy consumption from the transportation section by improving fuel economy and reducing fuel consumption as a means to reduce emissions. The United States Environmental Protection Agency (USEPA) and United States Department of Transportation (USDOT) adopted federal equivalent standards for model year 2012 through 2016 light-duty vehicles and model year 2017 through 2025 light-duty vehicles. The federal standards are slightly different from the Pavley Phase I and Phase II standards, but the State of California has agreed not to contest these standards, in part due to the fact that while the national standard would achieve slightly lower reductions in California, it would achieve greater reductions nationally and is stringent enough to meet state GHG emission

reduction goals .[12] On November 15, 2012, CARB approved an amendment that allows manufacturers to comply with the national standards to meet state law.

California Mobile Source Strategy

In May 2016, CARB released the updated Mobile Source Strategy that demonstrates how the State can simultaneously meet air quality standards, achieve GHG emission reduction targets, decrease health risk from transportation emissions, and reduce petroleum consumption over the next fifteen years, through a transition to ZEVs, cleaner transit systems and reduction of vehicle miles traveled. The Mobile Source Strategy calls for 1.5 million ZEVs (including plug-in hybrid electric, battery-electric, and hydrogen fuel cell vehicles) by 2025 and 4.2 million ZEVs by 2030. It also calls for more stringent GHG requirements for light-duty vehicles beyond 2025 as well as GHG reductions from medium-duty and heavy-duty vehicles and increased deployment of zero-emission trucks primarily for class 3 – 7 "last mile" delivery trucks in California. Statewide, the Mobile Source Strategy would result in a 45 percent reduction in GHG emissions, and a 50 percent reduction in the consumption of petroleum-based fuels (CARB, 2016).

1.3.3 Local

City of Pleasanton General Plan

The City of Pleasanton General Plan (General Plan) is the official document used by city decision-makers and citizens to guide the long-range development of land and the conservation of resources in Pleasanton, and discusses elements related to public safety, land use, community character, transportation, economics, air quality, and other topics.[13] The General Plan sets forth objectives, policies, standards, and programs to connect the community's values and development decisions to be made by the City. The Energy Element of the General Plan contains the following goals related to energy:

> **Goal 1:** Move toward a sustainable energy future that increases renewable energy use, energy conservation, energy efficiency, energy self-sufficiency, and limits energy-related financial burdens in Pleasanton.
>
> **Goal 2:** Save transportation energy by implementing a more effective transportation system.

2 Methods

2.1 Construction Energy

Construction of the Project would require energy in the form of diesel and gasoline fuels through the use of heavy-duty construction equipment, such as excavators and forklifts, and through vehicle trips generated from worker trips and haul trucks traveling to and from the Project site. Construction activities can vary substantially from day to day, depending on the specific type of

[12] California Air Resources Board, Advanced Clean Cars Summary, http://www.arb.ca.gov/msprog/clean_cars/acc%20summary-final.pdf. Accessed March 2019.

[13] City of Pleasanton, General Plan Update, https://www.cityofpleasantonca.gov/gov/depts/cd/planning/general.asp. Accessed March 2019.

construction activity and the number of workers and vendors traveling to the site. The assessment of construction energy impacts considers these factors.

Construction of the Project would occur in two phases. Phase 1 would begin in 2020 with a one-year duration and Phase 2 in 2030 with a one-year duration. Each of the construction phases would utilize energy for necessary on-site building activities and to transport materials, soil, and debris to and from the Project site. Energy use during construction is forecasted by assuming a conservative estimate of construction activities (i.e., maximum daily equipment usage levels). The Project's construction fuel consumption is estimated based on information from the Technical Memo on Updated Air Quality Analysis for the Project (January 2019). Pertinent information includes the number and type of construction equipment that would be used during Project construction, the extent that various equipment are utilized in terms of equipment operating hours or miles driven, and the estimated duration of construction activities. Energy for construction haul truck, vendor truck, and worker commuting trips are estimated based on the number of haul truck trips and workers for the various phases of construction and the associated vehicle miles traveled (VMT). As stated in the Health Risk Assessment prepared for the Project, Phase 1 would not require haul trucks to export rubble resulting from the demolition of existing buildings at the Project site; all rubble and new construction and demolition debris would be reused on-site. By using this material on-site as construction base, the Project would eliminate both disposal trips for the demolition debris and haul trips for new aggregated fill material, thus eliminating the diesel fuel consumption associated with each truck trip.

The construction equipment would likely be diesel-fueled (with the exception of construction worker commute vehicles, which would primarily be gasoline-fueled). For the purposes of this assessment, it is assumed heavy-duty construction equipment and haul trucks would be diesel-fueled because a majority of heavy-duty construction equipment and haul trucks fleets in the state are diesel-powered. The estimated fuel economy for heavy-duty construction equipment is based on fuel consumption factors from the California Air Resources Board's (CARB) OFFROAD emissions model, which is a state-approved model for estimating emissions from off-road heavy-duty equipment. These factors are 0.41 pounds of diesel fuel per horsepower-hour for equipment less than 100 horsepower and 0.37 pounds of diesel fuel per horsepower-hour for equipment greater than 100 horsepower, along with the diesel fuel density of 7.11 pounds per gallon.[14] For a conservative analysis, haul and vendor trucks were categorized as heavy-heavy duty trucks (HHDT), which have a higher fuel use rate than all other vehicle types. Based on EMFAC2014, HHDT trucks operating in the Bay Area Air Quality Management District (BAAQMD) would have a fuel consumption rate of 0.18 gallons of diesel per mile in 2020 and 0.16 gallons of diesel per mile in 2030. Idling fuel consumption factors for haul and vendor trucks were estimated to be 0.9 gallons of diesel per hour based on a study from the United States Department of Energy (DOE).[15] For worker trips, according to EMFAC2014, passenger vehicles (light-duty automobiles and light-duty trucks) operating in the BAAQMD would have an average fuel consumption factor

[14] California Air Resources Board, 2017 Off-road Diesel Emission Factors, https://www.arb.ca.gov/msei/ordiesel/ordas_ef_fcf_2017_v7.xlsx. Accessed March 2019.

[15] U.S. Department of Energy. 2015. *Fact #861 February 23, 2015 Idle Fuel Consumption for Selected Gasoline and Diesel Vehicles*, available at https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles. Accessed March 2019.

of 0.039 gallons of gasoline per mile in 2020 and 0.028 gallons of gasoline per mile in 2030. For light-duty automobiles and light-duty trucks, EMFAC2014 data shows that these vehicle classes are overwhelmingly gasoline-powered, therefore only gasoline consumption is included for workers.

Both OFFROAD and EMFAC are incorporated into the California Emissions Estimator Model (CalEEMod) version 2016.3.2, which is a state-approved emissions model used for the Project's air quality and GHG emissions assessment. Although EMFAC2017 is currently available, EMFAC2014 was used in the energy analysis to estimate vehicle fuel consumption because construction criteria pollutant and GHG emissions were generated by CalEEMod which uses EMFAC2014 emission factors and fuel efficiencies. Therefore, this energy assessment is consistent with the modeling approach used for other environmental analyses in the EIR and consistent with general CEQA standards.

In addition to the Project's construction energy demand, the energy assessment also includes a discussion of the Project's compliance with relevant energy-related regulatory measures that would minimize the amount of energy usage during construction. Detailed construction fuel consumption calculations are provided in Appendix A of this assessment.

2.2 Operational Energy

Operation of the Project would require energy in the form of electricity and natural gas for building heating, cooling, cooking, lighting, water demand and wastewater treatment, consumer electronics, and other energy needs, and from transportation fuels (e.g., diesel and gasoline) used for vehicles traveling to and from the site, TRUs, and emergency generators.[16] Project operations would occur in two phases. Phase 1 operations would commence in 2021 and Full Buildout operations would commence in 2031.

The Project's annual electricity consumption (in kWh) for each land use type was generated by CalEEMod. Natural gas would be consumed from natural gas combustion in heaters and boilers and miscellaneous area sources. CalEEMod generated the annual natural gas consumption in thousand British thermal units (kBtu), but are presented as million scf in this analysis. Default CalEEMod energy usage rates were adjusted to reflect the 2019 Title 24 Building Energy Efficiency Standards. Detailed energy consumption calculations are provided in Appendix A.

Transportation fuel consumption from non-delivery vehicles (employees and visitors) traveling to and from the Project site were based on Project-specific trip rates, annual vehicle miles traveled as calculated by CalEEMod, and fuel consumption factors from EMFAC2014. Compared to the land uses in the Draft EIR traffic study, the square footage of some land uses have changed slightly, therefore, the travel demand (trip generation) in the Project's traffic study were prorated based on square footage for each land use.[17] According to EMFAC2014, the average fuel consumption factor for non-delivery vehicles (excluding HHDT) in the BAAQMD is

[16] This analysis thus includes energy that would be expended at locations away from the project site (e.g., off-site energy consumption, potable water pumping, and wastewater treatment and disposal).

[17] Johnson Drive Economic Development Zone Transportation Impact Analysis, Fehr & Peers, 2015.

approximately 0.043 gallons per mile for gasoline and 0.033 gallons per mile for diesel in 2021 (Phase 1) and approximately 0.034 gallons per mile for gasoline and 0.026 gallons per mile for diesel in 2031 (Full Buildout). For gasoline and diesel vehicles, gasoline vehicles account for approximately 95 percent of the total VMT and diesel vehicles accounting for approximately 5 percent of the total VMT.[18] Fuel consumption was also estimated for customer vehicle queuing/idling at the gas station assuming each vehicle would idle for 10 minutes while waiting for gasoline using the idling fuel consumption factor of 0.39 gallons per hour from the DOE.[19]

Fuel consumption was estimated separately for heavy-duty delivery truck travel, heavy-duty delivery truck idling, TRU operation, and emergency generator operations.[20] For diesel fuel use associated with heavy-duty delivery truck travel, fuel economy is based on EMFAC2017 since the criteria pollutant and GHG emissions for heavy-duty delivery truck travel were estimated using EMFAC2017. Consistent with the criteria pollutant and GHG analyses, the Costco delivery truck fleet has an average model year of 2016 based on information provided by the City; therefore, fuel consumption factors for model year 2016 were applied to Costco delivery trucks. Non-Costco delivery trucks utilized fuel consumption factors based on an aggregate model year from EMFAC2017. According to EMFAC2017, model year 2016 heavy duty delivery trucks in the BAAQMD are predicted to have a diesel fuel consumption factor of 0.14 gallons of diesel per mile in 2021 (Phase 1) and 0.15 gallons of diesel per mile in 2031 (Full Buildout). For an aggregate model year, heavy duty delivery trucks in the BAAQMD are predicted to have a diesel fuel consumption factor of 0.16 gallons of diesel per mile in 2021 (Phase 1) and 0.12 gallons of diesel per mile in 2031 (Full Buildout). Travel emissions for Costco delivery trucks, including warehouse and gasoline fuel trucks, were based on travel distances to their respective distribution facilities which were provided by the City. Costco warehouse trucks delivering goods to Costco have an estimated trip length of 24.5 miles based on the distance to the Tracy depot facility. Costco trucks delivering fuel to the gas station have an estimated trip length of 30 miles based on the distance to the nearest fuel delivery location in Benicia. Travel emissions for non-Costco delivery trucks were estimated assuming 7.3 miles per trip, which is the CalEEMod default trip length for "commercial-nonwork" trip types.[21]

For heavy-duty delivery truck idling, fuel consumption was estimated assuming 15 minutes of idling per roundtrip delivery and the idling fuel consumption factor of 0.9 gallons of diesel per hour from the DOE.[22] Diesel fuel use for TRU operation was estimated using the fuel

18 Based on the California Air Resources Board on-road vehicle emissions model, EMFAC2014 (Modeling input: Bay Area Air Quality Management District, All Vehicle Categories except HHDT, 2021,2031. The modeling input values are considered generally representative of project buildout conditions for the region and representative of the majority of vehicles associated with project-related VMT.

19 U.S. Department of Energy. 2015. *Fact #861 February 23, 2015 Idle Fuel Consumption for Selected Gasoline and Diesel Vehicles*, available at https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles. Accessed March 2019.

20 Estimates of fuel consumption from these sources are consistent with the parameters used in the health risk assessment prepared for the Project.

21 Commercial-nonwork trips represent trips associated with commercial land uses other than customers or workers, such as delivery vehicles of goods

22 U.S. Department of Energy. 2015. *Fact #861 February 23, 2015 Idle Fuel Consumption for Selected Gasoline and Diesel Vehicles*, available at https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles. Accessed March 2019.

consumption factor of 1.33 gallons per hour from the National Renewable Energy Laboratory.[23] Diesel fuel use for emergency generators was estimated using the CO_2 emission rate of 1.15 grams CO_2 per horsepower hour and the carbon intensity of diesel fuel of 10.21 kilograms CO_2 per gallon.[24,25] Detailed fuel consumption factors are provided in Appendix A.

3 Energy Assessment

3.1 Thresholds of Significance

For the impacts analyzed in this section, the Project would have a significant impact related to energy if it were to:

a) result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation; or

b) conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

Appendix F of the CEQA Guidelines recommends the following considerations for evaluating energy impacts, as applicable:

- The project's energy requirements and its energy use efficiencies by amount and fuel type for each stage of the project including construction, operation, maintenance and/or removal. If appropriate, the energy intensiveness of materials maybe discussed.
- The effects of the project on local and regional energy supplies and on requirements for additional capacity.
- The effects of the project on peak and base period demands for electricity and other forms of energy.
- The degree to which the project complies with existing energy standards.
- The effects of the project on energy resources.
- The project's projected transportation energy use requirements and its overall use of efficient transportation alternatives.

23 National Renewable Energy Laboratory. 2010. *Emissions of Transport Refrigeration Units with CARB Diesel, Gas-to-Liquid Diesel, and Emissions Control Devices*. Available at https://www.nrel.gov/docs/fy10osti/46598.pdf. Accessed March 2019.

24 USEPA. 1996. *AP 42, Fifth Edition, Volume I Chapter 3: Stationary Internal Combustion Sources; 3.3 Gasoline And Diesel Industrial Engines*. Table 3.3-1. Available at https://www3.epa.gov/ttn/chief/ap42/ch03/final/c03s03.pdf. Accessed March 2019.

25 The Climate Registry. 2018. *2018 Default Emission Factors*. Available at https://www.theclimateregistry.org/wp-content/uploads/2018/06/The-Climate-Registry-2018-Default-Emission-Factor-Document.pdf. Accessed March 2019.

3.2 Project Impacts

ENERGY-1: Would the Project result in a potentially significant environmental impact to due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Construction Energy Use

Construction energy consumption during Phase 1 and Phase 2 would result primarily from transportation fuels (e.g., diesel and gasoline) used for haul and vendor trucks, heavy-duty off-road construction equipment, and construction workers commute trips for travel to and from the site. This analysis provides the estimated maximum construction energy consumption for the purposes of evaluating the associated impacts on energy resources.

Off-road equipment associated with construction would include equipment such as backhoes, dozers, and excavators. Fuel consumption is based on the equipment type, quantity and usage during construction activities and fuel consumption factors from the OFFROAD model. Fuel consumption for off-road equipment, haul/vendor trucks, and workers are shown in **Table 3, Estimated Project Construction Fuel Usage**.

TABLE 3
ESTIMATED PROJECT CONSTRUCTION FUEL USAGE

	Phase 1 Fuel Consumption (gallons)		Phase 2 Fuel Consumption (gallons)	
Category [a]	**Diesel**	**Gasoline**	**Diesel**	**Gasoline**
Fuel Use by Source				
Off-Road Equipment	86,786	0	46,186	0
Haul/Vendor	27,559	0	18,318	0
Workers	0	19,813		14,051
Total	114,345	19,813	64,504	14,051
Fuel Usage Comparisons				
Alameda County	113,725,490	583,000,000	113,725,490	583,000,000
Project Percent of Alameda County	0.10%	0.003%	0.06%	0.002%
California	3,798,039,216	15,584,000,000	3,798,039,216	15,584,000,000
Project Percent of California	0.003%	0.0001%	0.002%	0.0001%

NOTES:
[a] Categories defined as follows:
Off-Road Equipment = operating energy use from heavy-duty equipment, such as bulldozers, cranes, and excavators. Energy was modeled using CalEEMod and OFFROAD2017.
Haul/Vendor = Travel and idling energy use from heavy-duty on-road vendor/haul trucks. Energy use was modeled using CalEEMod and EMFAC2014.
Workers = Operating energy use from employee vehicles. Energy use was modeled using EMFAC2014.

ABBREVIATIONS:
CalEEMod = CALifornia Emissions Estimator MODel
EMFAC2014 = EMission FACtors model, version 2014

SOURCE: ESA, 2019

Phase 1 off-road equipment would consume approximately 86,786 gallons of diesel fuel during its one-year duration from 2020 to 2021. Phase 2 off-road equipment would consume approximately 46,186 gallons of diesel fuel during its one-year duration in 2030. Haul trucks would be used to haul material to and from the Project site. Vendor trucks would be used to deliver supplies necessary for Project construction. Based on the proposed development program and engineering estimates that form the basis of the construction-related impact analyses, it is estimated that Phase 1 haul and vendor trucks would result in approximately 155,600 vehicle miles traveled (VMT) and Phase 2 haul and vendor trucks would result in approximately 115,080 VMT. Based on the information described above, Phase 1 and Phase 2 construction diesel fuel consumption for on-road haul and vendor trucks would total approximately 27,559 gallons and 18,318 gallons, respectively.

The number of construction workers required at the site would vary based on the phase of construction and activity taking place. The transportation fuel required by construction workers to travel to and from the Project site would depend on the total number of worker trips estimated for the duration of construction activity for each phase. Based on the proposed development program and engineering estimates that form the basis of the construction-related impact analyses, Phase 1 worker commute trips would total approximately 511,855 VMT and Phase 2 worker commute trips would total approximately 493,085 VMT. For light-duty automobiles and light-duty trucks, EMFAC2014 data shows that these vehicle classes are overwhelmingly gasoline-powered, therefore only gasoline consumption was analyzed for workers. Assuming construction worker light-duty automobiles and light-duty trucks have an average fuel consumption factor consistent with the EMFAC2014 model, workers would consume approximately 19,813 gallons and 14,051 gallons of gasoline during construction of Phase 1 and Phase 2, respectively.

Based on fuel consumption data from the California Energy Commission (CEC), in 2017, Alameda County consumed 583 million gallons of gasoline and 113 million gallons of diesel. Furthermore, California consumed 15,584 million gallons of gasoline and 3,798 million gallons of diesel in 2017.[26]

Based on the estimated fuel usage amounts presented above, Phase 1 construction would consume approximately 114,345 of diesel and 19,813 gallons of gasoline. Phase 2 construction would

[26] California Energy Commission, California Retail Fuel Outlet Annual Reporting (CEC-A15) Results, 2017. Available at: https://www.energy.ca.gov/almanac/transportation_data/gasoline/piira_retail_survey.html. Accessed February 2019. Diesel is adjusted to account for retail (51%) and non-retail (49%) diesel sales.

consume approximately 64,504 of diesel and 14,051 gallons of gasoline. Phase 1 diesel consumption would represent approximately 0.10 and 0.003 percent of County and State 2017 diesel consumption, respectively. Phase 1 gasoline consumption would represent approximately 0.003 and 0.0001 percent of County and State 2017 gasoline consumption, respectively. Phase 2 diesel consumption would represent approximately 0.06 and 0.002 percent of County and State 2017 diesel consumption, respectively. Phase 2 gasoline consumption would represent approximately 0.002 and 0.0001 percent of County and State 2017 gasoline consumption, respectively. A comparison of the Project's estimated fuel usage to County and State annual 2017 fuel usage is provided in Table 1.

Construction of the Project is not expected to require substantial electricity usage. Electricity use during construction would be variable depending on lighting needs and the use of electric-powered equipment and would be temporary for the duration of construction activities. If electric-powered construction equipment or vehicles are used, they would replace diesel- and gasoline-fueled equipment assumed in this analysis. Therefore, it is expected that construction electricity use would generally be considered as temporary and negligible and accounted for in the fuel estimates discussed above.

As discussed above, construction of the Project would require temporary and short-term energy supplies and would not represent a substantial fraction of the available energy supply in terms of equipment and transportation fuels. Phase 1 construction would reuse all rubble and new construction and demolition debris on-site as construction base, thus eliminating fuel consumption from trucks trips associated with debris disposal and import of new fill material. Based on the available data, construction would utilize energy for necessary on-site activities and to transport materials, soil, and debris to and from the site. It is reasonable to conclude that idling restrictions would result in less fuel combustion and energy consumption and minimize the Project's construction-related energy use. Costco warehouses are typically constructed of prefabricated structural steel containing approximately 80 percent recycled content. This would reduce material deliveries to the site during Phase 1A as compared to a typical masonry building, reducing diesel fuel use for vendor trips. In addition, as required under Mitigation Measure M-AQ-1, all off-road equipment greater than 50 horsepower is required to have engines that meet United States Environmental Protection Agency (USEPA) Tier 3 off-road emission standards. Although the standards do not require equipment to be more fuel efficient, manufacturers can partly meet the standards with more fuel-efficient equipment, and as engine technology improves over time, both emissions and fuel use declines in off-road engines. Therefore, construction of the Project would not result in the wasteful, inefficient, or unnecessary consumption of energy, and impacts would be considered **less than significant.**

Operational Energy Use

Operational energy consumption would occur from building energy needs, transportation fuels (e.g., diesel and gasoline) used for vehicles traveling to and from the site, TRUs, and emergency generators. This analysis provides the estimated maximum annual operational energy consumption for the purposes of evaluating the associated impacts on energy resources. The operation of the Project would generate demand for electricity, natural gas, and water, as well as

generate wastewater requiring conveyance, treatment, and disposal off-site. Operation of the Project would also result in transportation-related energy use, including gasoline and diesel for heavy-duty delivery trucks, TRU operation, and emergency generators operations.

In addition, as part of the Project's development, existing land uses would be removed along with their associated energy use. Energy use for existing land uses includes electricity, natural gas, and transportation fuels, similar to the Project's energy use. However, energy use for existing land uses to be removed was not calculated and included in the analysis below. Therefore, the energy use estimates for the Project below are an overestimate of the net energy use associated with the Project because they don't account for reduced energy use under existing conditions. In actuality, the net energy use of the Project would be less than what is presented below.

A summary of the Project's operational estimated energy usage is shown in **Table 4**, **Estimated Project Electricity and Natural Gas Usage**, and **Table 5**, **Estimated Project Transportation Fuel Usage**.

TABLE 4
ESTIMATED ANNUAL PROJECT ELECTRICITY AND NATURAL GAS USAGE FOR PHASE 1 AND FULL BUILDOUT

Source	Phase 1 (2021)	Full Buildout (2031)
Project Electricity Consumption (million kWh) [a]	5.19	7.07
Percent of Total PG&E 2017 Sales	0.006%	0.009%
Percent of Alameda County PG&E 2017 Sales	0.05%	0.06%
Project Natural Gas Consumption (million scf)	4.43	4.72
Percent of Total PG&E 2017 Sales	0.002%	0.002%
Percent of Alameda County PG&E 2017 Sales	0.01%	0.01%

NOTES:

[a] Electricity supplied by PG&E would be reduced through installation of rooftop solar PV systems, which are Project Design Features. These features would replace PG&E electricity with on-site renewable energy generation. Please refer to the *Greenhouse Gas Technical Analysis* for more information (see the *Greenhouse Gas Technical Analysis*, section 3.2 *Project Design Features*).

SOURCES:

1. ESA, 2019
2. PG&E, 2017 Joint Annual Report to Stakeholders, Available at: http://s1.q4cdn.com/880135780/files/doc_financials/2017/annual/2017-Annual-Report-Final.pdf. Accessed February 2019.

TABLE 5
ESTIMATED ANNUAL PROJECT TRANSPORTATION FUEL USAGE FOR PHASE 1 AND FULL BUILDOUT

Category	Phase 1 (2021) Fuel Consumption (gallons)		Full Buildout (2031) Fuel Consumption (gallons)	
	Diesel	Gasoline	Diesel	Gasoline
Non-Delivery Vehicles (Running)	37,793	1,094,309	52,573	1,368,000
Light-Duty Vehicles (Idling at Gas Station)	0	39,991	0	39,991
Delivery Vehicles	72,789	0	191,118	0
TRUs	14,357	0	54,430	0
Generators	5,070	0	5,070	0
Total [a]	*130,009*	*1,134,300*	*303,191*	*1,407,991*
Fuel Usage Comparisons				
Alameda County	113,725,490	583,000,000	113,725,490	583,000,000
Project Percent of Alameda County	0.11%	0.19%	0.27%	0.24%
California	3,798,039,216	15,584,000,000	3,798,039,216	15,584,000,000
Project Percent of California	0.003%	0.007%	0.008%	0.009%

NOTES:

[a] Categories defined as follows:
Non-Delivery vehicles (running) = Energy use from daily commercial non-delivery vehicle trips. Energy use estimated using EMFAC2014
Light-duty vehicles (idling at gas station) = Energy use from autos idling and queueing in line at gas station. Energy use was estimated using idling fuel use rates from the U.S. Department of Energy (2015) and assumes an idling time of 10 minutes per vehicle.
Delivery Vehicles = Energy use from daily commercial delivery vehicle trips, including idling and running. Energy use was estimated using EMFAC2017 and idling fuel use rates from the U.S. Department of Energy (2015) and assuming an idling duration of 15 minutes per roundtrip.
TRUs = Energy use from daily TRU operations at commercial land uses. Energy use was estimated using fuel consumption values from NREL (2010).
Generators = Energy use from diesel-powered emergency generators. Energy use was estimated using the carbon content of diesel fuel from the Climate Action Registry (2018).

ABBREVIATIONS:
TRUs = Transportation Refrigeration Units
EMFAC2014 = EMission FACtors model, version 2014
EMFAC2017 = EMission FACtors model, version 2017

SOURCES:
1. ESA, 2019
2. California Energy Commission, California Retail Fuel Outlet Annual Reporting (CEC-A15) Results, 2017. Available at: https://www.energy.ca.gov/almanac/transportation_data/gasoline/piira_retail_survey.html. Accessed February 2019. Diesel is adjusted to account for retail (51%) and non-retail (49%) diesel sales.

Based on the proposed development program and engineering estimates that form the basis of the operational-related impact analyses, the Project would have an electricity demand of approximately 5.19 million kWh for Phase 1 in 2021 and 7.07 million kWh for Full Buildout in 2031. These values include electricity for water supply and wastewater treatment.

To put the Project's electricity consumption into perspective, the value is compared to the PG&E network demand, which is the utility provider for the Project region. In 2017, PG&E had annual electric deliveries to all customers of approximately 82,226 million kWh.[27] Phase 1 and Full Buildout operations would represent approximately 0.006 and 0.009 percent of the PG&E

27 PG&E, 2017 Join Annual Report to Stakeholders, Available at: http://s1.q4cdn.com/880135780/files/doc_financials/2017/annual/2017-Annual-Report-Final.pdf. Accessed February 2019.

network sales for 2017, respectively, which is a relatively very small fraction. PG&E had annual electricity deliveries to Alameda County of approximately 11,112 million kWh in 2017.[28] Phase 1 and Full Buildout operations would represent approximately 0.05 and 0.06 percent electricity supplied to the County in 2017, respectively. Furthermore, PG&E's infrastructure accounts for and accommodates an increase in energy demand and load growth. As discussed in Section 1.2, *Environmental Setting*, PG&E updates all load forecasts, including peak load forecasts, for gas and electricity services every year. In addition, the installation of rooftop solar PV on the Costco warehouse and all other buildings (see the *Greenhouse Gas Technical Analysis*, section 3.2 *Project Design Features*) would reduce the amount of electricity necessary for PG&E to supply to the Project (see the *Greenhouse Gas Technical Analysis* for more information). Therefore, electricity service and supply impacts from PG&E are not anticipated.

Based on the proposed development program and engineering estimates, the Project would have an annual natural gas demand of approximately 4.43 million scf for Phase 1 in 2021 and 4.72 million scf for Full Buildout in 2031. To put the natural gas consumption into perspective, the value is compared to the PG&E network demand, which is the regional utility provider. PG&E had natural gas sales of approximately 234,181 million scf in 2017. Both Phase 1 and Full Buildout operations would represent approximately 0.002 percent of the PG&E network sales for 2017, which is a very small fraction. PG&E had natural gas sales of approximately 36,551 million scf within Alameda County in 2017. Both Phase 1 and Full Buildout operations would represent approximately 0.01 percent of the PG&E network sales for 2017. For the same reasons as discussed above for electricity service and supply, natural gas service and supply impacts from PG&E are not anticipated due to PG&E's annual load growth planning. Consequently, given the ample regional natural gas supplies available, the Project would not have a significant impact on regional natural gas supply or require additional capacity to be constructed.

Operation of the Project would also result in transportation-related energy use. Transportation fuels of gasoline and diesel would be provided by local or regional suppliers and vendors. Vehicles would require a fraction of a percent of the total state's transportation fuel consumption. Non-delivery vehicles (employees and visitors) traveling to and from the Project site would consume approximately 37,793 gallons of diesel and 1,094,309 gallons of gasoline during Phase 1 in 2021 and 52,573 gallons of diesel and 1,368,000 gallons of gasoline during Full Buildout in 2031. Fuel consumption for customer vehicle queuing/idling at the gas station is anticipated to be 39,991 gallons of gasoline during both Phase 1 in 2021 and Full Buildout in 2031. Heavy duty delivery trucks would consume approximately 72,789 gallons of diesel during Phase 1 in 2021 and 191,118 gallons of diesel during Full Buildout in 2031 (these vehicles are not anticipated to consume gasoline). The Project would also consume diesel fuel for the operation of TRUs on delivery vehicles and for the operation and testing of emergency generators located at the Costco warehouse and hotel. Phase 1 operations would consume approximately 19,427 gallons of diesel from these sources in 2021. Full Buildout operations would consume approximately 59,500 gallons of diesel from these sources in 2031.

28 PG&E, 2017 Join Annual Report to Stakeholders, Available at: http://s1.q4cdn.com/880135780/files/doc_financials/2017/annual/2017-Annual-Report-Final.pdf. Accessed February 2019.

In total, Phase 1 operations would consume approximately 1,134,300 gallons of gasoline and 130,009 gallons of diesel annually starting in 2021. Full Buildout operations would consume approximately 1,407,991 gallons of gasoline and 303,191 gallons of diesel annually starting in 2031. Phase 1 operational diesel consumption would represent approximately 0.11 percent and 0.003 percent of County and State annual diesel fuel consumption, respectively. Phase 1 operational gasoline consumption would represent approximately 0.19 percent and 0.007 percent of County and State annual gasoline fuel consumption, respectively. Full Buildout diesel consumption would represent approximately 0.27 percent and 0.008 percent of County and State annual diesel fuel consumption, respectively. Full Buildout gasoline consumption would represent approximately 0.24 percent and 0.009 percent of County and State annual gasoline fuel consumption, respectively. Total annual fuel consumption for the Project would therefore represent a small fraction of County and State annual transportation fuel consumption. Overall, the Project would not have a substantial impact on the local or regional fuel supplies or require additional capacity to be constructed.

Operation of the Project would result in energy demand from building energy use and transportation-related energy use associated with vehicles traveling to and from the Project Site. The Project would also consume transportation fuels (diesel and gasoline) for TRUs and emergency generators. The total amount of energy used by the Project would represent a small fraction of the region's available energy supply and capacity. Because the Project would be consistent with energy efficient building standards and promote transportation energy efficiency through bike and pedestrian improvements and the installation of electric vehicle supply equipment (see Impact ENERGY-2 below), and would install rooftop solar PV systems on all buildings (see the *Greenhouse Gas Technical Analysis*, section 3.2 *Project Design Features*), it would not result in the wasteful, inefficient, and unnecessary consumption of energy. Overall, the Project would not have a substantial impact on the local or regional energy or fuel supplies or require additional capacity to be constructed. Therefore, operation of the Project would not result in the wasteful, inefficient, or unnecessary consumption of energy and would not increase the need for new energy infrastructure or preempt opportunities for future energy conservation. Therefore, operational energy impacts would be **less than significant.**

ENERGY-2: Would the Project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Construction Energy Use

As discussed in Section 1.3.2 above, CARB has adopted the ATCM to limit heavy-duty diesel motor vehicle idling in order to reduce public exposure to diesel particulate matter. This measure prohibits diesel-fueled commercial vehicles greater than 10,000 pounds from idling for more than five minutes at any given time (13 CCR Section 2485). The Project would also be required to utilize construction contractors that demonstrate compliance with applicable CARB regulations governing the accelerated retrofitting, repowering, or replacement of heavy duty diesel equipment

(13 CCR Section 2449). The regulation aims to reduce emissions by requiring the installation of diesel soot filters and encouraging the retirement, replacement, or repower of older, dirtier engines with newer emission-controlled models.

While intended to reduce construction criteria pollutant emissions, compliance with the above anti-idling and emissions regulation would also result in efficient use of construction-related energy and the minimization or elimination of wasteful and unnecessary consumption of energy. According to the CARB staff report that was prepared at the time the anti-idling ATCM was being proposed for adoption in late 2004/early 2005, the regulation was estimated to reduce non-essential idling and associated emissions of diesel particulate matter and nitrogen oxide (NO_X) emissions by 64 and 78 percent respectively in analysis year 2009.[29] These reductions in emissions are directly attributable to overall reduced idling times and reduced idling fuel combustion as a result of compliance with the regulation, and the Project's compliance would result in total energy savings of approximately 974 gallons of diesel fuel, assuming a fuel reduction equivalent to the percent reduction of particulate matter or NO_X as estimated by CARB (the lesser value [i.e., 64 percent] is used as a conservative assumption). These savings are incorporated into Table 3.

Additional construction fuel savings would be expected from the In-Use Off-Road Diesel-Fueled Fleets regulation, although it is difficult to quantify since the regulation is based on a construction contractor's total fleet of equipment and does not regulate specific equipment that could be used for an individual Project. As required under Mitigation Measure M-AQ-1, all off-road equipment greater than 50 horsepower is required to have engines that meet USEPA Tier 3 off-road emission standards. Although the standards do not require equipment to be more fuel efficient, manufacturers can partly meet the standards with more fuel-efficient equipment, and as engine technology improves over time, both emissions and fuel use declines in off-road engines. While some level of construction fuel savings would be expected from the In-Use Off-Road Diesel-Fueled Fleets regulation, estimates are not included in the energy savings calculations for the Project since the underlying regulation applies to construction contractor's total fleet of equipment and not to specific equipment. Based on the available data, construction would utilize energy for necessary on-site activities and to transport materials, soil, and debris to and from the site. It is reasonable to conclude that idling restrictions would result in less fuel combustion and energy consumption and minimize the Project's construction-related energy use.

Construction of the Project would require temporary and short-term energy supplies and would not represent a substantial fraction of the available energy supply in terms of equipment and transportation fuels and would not substantially affect existing local and regional supply and capacity. Furthermore, construction of the Project would use equipment that would be consistent with the energy standards applicable to construction equipment including limiting idling fuel consumption and using contractors that comply with applicable CARB regulatory standards that affect energy efficiency. Finally, because Project construction will entail energy demands largely associated with equipment and transportation fuels, construction of the Project would not increase

[29] CARB, 2004. Staff Report: Initial Statement of Reasons for Proposed Rulemaking, Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling, Appendix F, July 2004, https://www.arb.ca.gov/regact/idling/idling.htm, accessed November 2016.

demands on the electric power network during peak and base period demand periods. As a result, the Project's construction energy use would not conflict with or obstruct state or local plans for renewable energy or energy efficiency, therefore, impacts would be considered **less than significant**.

Operational Energy Use

The Project would comply with or exceed the applicable provisions of the Title 24 standards and the CALGreen Code in effect at the time of building permit issuance. Examples of energy measures in the Title 24 standards and the CALGreen Code include energy efficiency metrics and performance standards for appliances, space-conditioning equipment (i.e., heating, ventilation and air conditioning [HVAC]), water heating systems, windows and doors, insulation, lighting, and roofing materials; indoor and outdoor water use efficiency and conservation performance metrics; and requirements to provide solar-ready buildings with a minimum solar zone area (solar zone is defined as a section of the roof designated and reserved for the future installation of a solar electric or solar thermal system). California's Build Energy Efficiency Standards continue to build upon the 2016 standards with implementation of the 2019 Standards that will go into effect January 1, 2020.[30] The Project's modeling incorporated the 2019 Title 24 standards for its commercial land uses. According to the California Energy Commission, non-residential buildings would use about 30 percent less energy compared to the 2016 Title 24 Standards.[31]

The California Public Utilities Commission (CPUC) has also designed the Zero Net Energy Action Plan to make new residential and commercial construction in California zero net energy by 2030 in order to meet the state's GHG goals. The ZNE Action Plan's key milestones are achieved by improving and expanding Title 24 standards based on the future state of energy efficiency technologies and innovations, providing incentives, mandating carbon benchmarking and labeling, and developing performance data. Furthermore, Title 24 only regulates a portion of a buildings energy usage primarily related to lighting, heating, cooling, ventilation, and water heating; therefore, is it not possible to speculate how future Title 24 standards would reduce the overall energy profile of a building. As a result, the energy estimates provided above are considered conservative estimates, as they do not take into account anticipated energy reductions from future potentially applicable standards beyond the 2019 Title 24 standards, which are not yet known or available. Nonetheless, the Project would be built to achieve or exceed the energy efficiency metrics in the applicable Title 24 standards and the CALGreen Code in affect at the time of building permit issuance, including any ZNE requirements for new commercial buildings. Therefore, the Project's increase in electrical demand would not have a substantial impact on the local or regional electrical supplies or require additional capacity to be constructed. In addition, given the ample regional natural gas supplies available, the Project would not have a significant impact on regional natural gas supply or require additional capacity to be constructed.

30 California Energy Commission, 2019 Building Energy Efficiency Standards, https://www.energy.ca.gov/title24/2019standards/documents/2018_Title_24_2019_Building_Standards_FAQ.pdf. March 2019.

31 Ibid.

In addition, the Costco facility would include a number of sustainability features to reduce building energy use. All Costco stores have an Energy Management System. Costco's warehouse designs are consistent with the requirements of Leadership in Energy and Environmental Design (LEED) for green building design and construction. Buildings are designed with high efficiency HVAC systems and reflective roofs that lessen the heat gain on the roof. Mechanical heat from refrigeration systems is captured to preheat hot water tanks. All indoor and outdoor lighting in new construction utilizes high-efficiency LED technology.[32] Additionally, consistent with the Project Design Features, Costco shall install a rooftop solar PV system of at least 500 kilowatts (KW) of AC power within two years of the warehouse opening. Costco estimates that the rooftop system would consist of more than 2,000 modules with a total rating of 540,000 watts, and produce approximately 1,128,400 kWh of clean electricity annually. For all other land uses at the Project site, rooftop solar photovoltaic systems will be installed on the Phase 1 hotel(s) and retail space and on the Phase 2 retail space (or other Phase 2 development as may be approved). The systems shall be designed to maximize electricity production pending the final design of each building type and shall cover a minimum of 50 percent of the available rooftop space (see the *Greenhouse Gas Technical Analysis*, section 3.2 *Project Design Features*, for more information).

With respect to operational transportation-related fuel usage, the Project would support statewide efforts to improve transportation energy efficiency and promote efficient transportation alternatives. The Project would include the installation of electric vehicle supply equipment (EVSE) pursuant to Section 5.106.5.3, Electric Vehicle Charging of the CALGreen Code.[33] Six percent of the Costco warehouse parking spaces would be prewired during construction to accommodate EVSE. In addition, the City is requiring as a condition of approval that Costco install 10 EV charging stations to be operational at the opening of the store in 2021. These stations will support the future use of electric and hybrid-electric vehicles by employees and visitors traveling to and from the site, and would reduce the Project's consumption of gasoline and diesel. Use of EVs will increase overall demand for electricity from the utility (i.e., PG&E). The Project's other commercial land uses would comply with requirements of Section 5.106.5.3. Alternative-fueled, electric, and hybrid vehicles, to the extent these types of vehicles would be utilized by employees and visitors traveling to and from the site, would reduce the Project's consumption of gasoline and diesel; however, the effect would be minimal in the current vehicle market, but as electric vehicles proliferate in response to the state policy (e.g., Mobile Source Strategy) and regulatory environment, they will increase overall demand for electricity. Plug-in electric vehicles generally obtain battery power from utilities, which as discussed in Section 1.3.2, are required to provide an increasing share of electricity from renewable sources under the State's Renewables Portfolio Standard. Therefore, while plug-in electric vehicles would replace traditional transportation fuels (i.e., gasoline) with utility provided electricity, the electricity would be provided by an increasing share of renewable sources resulting in an overall reduction in energy resource consumption.

The Project would also improve transportation efficiency. Bicycle lanes will be maintained on Johnson Drive, buffered bicycle lanes would improve bicycle safety along the corridor, and

[32] Costco Wholesale Corporation, 2019. Sustainability – Buildings. Available: https://www.costco.com/sustainability-buildings.html. Accessed: April 2019.

Johnson Drive would be widened to the west to accommodate a new bike lane. Final design of all improvements along Johnson Drive shall maintain or enhance existing bicycles, transit, and pedestrian facilities. The project will maximize the benefits of the location of the EDZ area as an infill site located along transportation corridors and near transit by encouraging the development of both locally and regionally accessible uses in the EDZ area. The Project would include re-zoning of parcels within the EDZ area to allow a mix of uses that would be located near existing local-serving commercial areas including light industrial, office, commercial, retail, and institutional uses. Overall, operational transportation-related fuel usage would not substantially affect existing local and regional supply and capacity.

The City's applicable General Plan Energy Element goals call for increasing energy conservation, energy efficiency, and energy self-sufficiency. The Project would be consistent with this goal by achieving or exceeding the energy efficiency metrics in the applicable Title 24 standards and the CALGreen Code and by supporting statewide efforts to improve transportation energy efficiency thereby reducing energy consumption and associated air pollutant emissions.

The Project would be consistent with energy efficiency standards in the applicable Title 24 standards and the CALGreen Code and include EVSE to promote transportation energy efficiency. Additionally, the Costco warehouse would be designed to be solar ready; installation of rooftop solar in the future would reduce the amount of electricity that PG&E would need to provide.[34] The Project would not preclude opportunities for improving overall fuel efficiency and future energy conservation. Furthermore, due to PG&E's load planning process, the relatively small energy demand from the Project, including demand during peak times, would be expected to be accommodated within PG&E's projected and planned for capacity. In addition, the installation of rooftop solar PV on all buildings would reduce the demand for PG&E electricity (see the *Greenhouse Gas Technical Analysis*, section 3.2 *Project Design Features*). Overall, the Project would not have a substantial impact on the local or regional energy supplies or require additional capacity to be constructed. Consequently, the Project's operational energy use would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. Therefore, operational energy impacts would be considered **less than significant**.

4 Conclusion

Based on the estimated annual fuel usage for the Project presented above, Phase 1 construction would consume approximately 114,345 of diesel and 19,813 gallons of gasoline during its one-year duration. Phase 2 construction would consume approximately 64,504 of diesel and 14,051 gallons of gasoline during its one-year duration. Phase 1 diesel consumption would represent approximately 0.10 and 0.003 percent of County and State 2017 diesel consumption, respectively. Phase 1 gasoline consumption would represent approximately 0.003 and 0.0001 percent of County and State 2017 gasoline consumption, respectively. Phase 2 diesel consumption would represent approximately 0.06 and 0.002 percent of County and State 2017 diesel consumption, respectively. Phase 2 gasoline consumption would represent approximately 0.002 and 0.0001

[34] Costco has installed solar electricity generating panels on selected stores in the Bay Area, including, but not necessarily limited to, Livermore (closest to the Pleasanton site), Richmond, Hayward, Fremont, Redwood City, Santa Clara, and at least two stores in San José. No determination has been made with respect to this store.

percent of County and State 2017 gasoline consumption, respectively. Phase 1 construction would reuse all rubble and new construction and demolition debris on-site, thus eliminating fuel consumption from trucks trips associated with debris disposal and import of new fill material. The Project would comply with applicable construction regulations that affect energy demand, such as the ATCM idling restrictions and the In-Use Off-Road Diesel-Fueled Fleets regulation that would result in reduced fuel consumption and minimize the Project's construction-related energy use. As a result, construction energy impacts would be considered **less than significant**.

Operational energy consumption would occur from building energy needs and from transportation fuels (e.g., diesel and gasoline) used for vehicles traveling to and from the site, TRUs, and emergency generators. The Project would have an electricity demand of approximately 5.19 million kWh and 7.07 million kWh for Phase 1 and Full Buildout, respectively. These values include electricity for water supply and wastewater treatment. Phase 1 and Full Buildout operations electricity use would represent approximately 0.006 and 0.009 percent of the PG&E network sales for 2017, respectively, which is a relatively very small fraction. Also, Project operations would represent approximately 0.05 and 0.06 percent of electricity supplied to the County in 2017 for Phase 1 and Full Buildout operations, respectively. In addition, the installation of rooftop solar PV on all buildings would reduce the demand for PG&E electricity (see the *Greenhouse Gas Technical Analysis*, section 3.2 *Project Design Features*). The Project would have an annual natural gas demand of approximately 4.43 million scf and 4.72 million scf for Phase 1 and Full Buildout, respectively. Both Phase 1 and Full Buildout operations natural gas use would represent approximately 0.002 percent of the PG&E network sales for 2017, which is a very small fraction. Both Phase 1 and Full Buildout operations would represent approximately 0.01 percent of natural gas supplied to the County in 2017.

Phase 1 operations would consume approximately 1,134,300 gallons of gasoline and 130,009 gallons of diesel. Full Buildout operations would consume approximately 1,407,991 gallons of gasoline and 303,191 gallons of diesel. Phase 1 consumption would represent approximately 0.11 and 0.003 percent of County and State 2017 diesel consumption, respectively. Phase 1 gasoline consumption would represent approximately 0.19 and 0.007 percent of County and State 2017 gasoline consumption, respectively. Full Buildout diesel consumption would represent approximately 0.27 and 0.008 percent of County and State 2017 diesel consumption, respectively. Full Buildout gasoline consumption would represent approximately 0.24 and 0.009 percent of County and State 2017 gasoline consumption, respectively. Total annual fuel consumption for the Project would therefore represent a small fraction of County and State transportation fuel consumption.

The amount of energy used would represent an insubstantial fraction of the region's available energy supply and capacity. The Project would be consistent with energy efficiency standards in the applicable Title 24 standards and the CALGreen Code and include EVSE to promote transportation energy efficiency. Additionally, the Costco warehouse would be designed to be solar ready which would reduce its consumption of electricity provided by PG&E. Because the Project would be consistent with energy efficient building standards and promote transportation energy efficiency, it would not result in the wasteful, inefficient, and unnecessary consumption of energy. The Project would not preclude opportunities for improving overall fuel efficiency and

future energy conservation. Overall, the Project would not have a substantial impact on the local or regional energy supplies or require additional capacity to be constructed. As a result, operational energy impacts would be considered **less than significant**.

APPENDIX A

Construction Energy Consumption
Transportation Fuel Consumption

Operational Energy Consumption
Electricity and Natural Gas Consumption
Transportation Fuel Consumption

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Energy Calculations
Construction Energy

Transportation Fuel Consumption

Annual Fuel Consumption Summary

Category	Phase 1 (2020)	Phase 2 (2030)
Diesel fuel for heavy-duty construction equipment	86,786	46,186
Diesel fuel for haul/Vendor trucks	27,559	18,318
Gasoline fuel for workers	19,813	14,051
Total Diesel Consumption	114,345	64,504
Total Gasoline Consumption	19,813	14,051
Construction Phase Duration (years)	1	1
Annual Average Gallons Diesel	**114,345**	**64,504**
Annual Average Gallons Gasoline	**19,813**	**14,051**

	Diesel	Gas	Diesel	Gas
Source	**Phase 1**		**Phase 2**	
Off-Road Equipment	86,786	-	46,186	-
Haul/Vendor	27,559	-	18,318	-
Worker	-	19,813		14,051
Total	**114,345**	**19,813**	**64,504**	**14,051**
Alameda County[1]	113,725,490	583,000,000	113,725,490	583,000,000
Project % of Alameda County	0.10%	0.003%	0.06%	0.002%
California	3,798,039,216	15,584,000,000	3,798,039,216	15,584,000,000
Project % of California	0.003%	0.0001%	0.002%	0.0001%

1. California Energy Commission, California Retail Fuel Outlet Annual Reporting (CEC-A15) Results, 2017
https://www.energy.ca.gov/almanac/transportation_data/gasoline/2010-2017_A15_Results.xlsx
Diesel is adjusted to account for retail (51%) and non-retail (49%) diesel sales.

Off-Road Equipment

Equipment ≤ 100 HP

Parameter	Phase 1 (2020)	Phase 2 (2030)
pounds diesel fuel/hp-hr (lb/hp-hr):[1]	0.41	0.41
diesel fuel density (lb/gal):[1]	7.11	7.11
diesel gallons/hp-hr (gal/hp-hr):	0.06	0.06
Total hp-hr :	587,502.24	373,310.80
Total diesel consumption (gal):	33,718.43	21,425.37

Equipment > 100 HP

Parameter	Value	Value
pounds diesel fuel/hp-hr (lb/hp-hr):[1]	0.37	0.37
diesel fuel density (lb/gal):[1]	7.11	7.11
diesel gallons/hp-hr (gal/hp-hr):	0.05	0.05
Total hp-hr:	1,027,940.88	479,626.32
Total diesel gallons:	53,067.89	24,760.91

Total diesel gallons (off-road equipment):	**86,786.31**	**46,186.28**

1. 2017 Off-road Diesel Emission Factors, cells B30 and B31

Phase	Equipment	# of Equipment	Hours/ Day	HP	Load Factor	Days	Total hp-hr
Phase 1A-Grading/Excavation	Graders	1	8	187	0.41	30	18,401
Phase 1A-Grading/Excavation	Rubber Tired Dozers	1	8	247	0.40	30	23,712
Phase 1A-Grading/Excavation	Scrapers	6	8	367	0.48	30	253,670
Phase 1A-Grading/Excavation	Off-Highway Trucks	1	8	402	0.38	30	36,662
Phase 1A-Grading/Excavation	Tractors/Loaders/Backhoes	1	8	97	0.37	30	8,614
Phase 1A-Drainage/Utilities/Sub-Grade	Dumpers/Tenders	1	8	16	0.38	7	340
Phase 1A-Drainage/Utilities/Sub-Grade	Off-Highway Tractors	3	8	124	0.44	7	9,166
Phase 1A-Drainage/Utilities/Sub-Grade	Off-Highway Trucks	2	8	402	0.38	7	17,109
Phase 1A-Drainage/Utilities/Sub-Grade	Rollers	3	8	80	0.38	7	5,107
Phase 1A-Drainage/Utilities/Sub-Grade	Skid Steer Loaders	2	8	65	0.37	7	2,694
Phase 1A-Foundations/Concrete Pour	Cement and Mortar Mixers	60	8	9	0.56	15	36,288
Phase 1A-Foundations/Concrete Pour	Forklifts	3	8	89	0.20	15	6,408
Phase 1A-Foundations/Concrete Pour	Generator Sets	1	8	84	0.74	15	7,459
Phase 1A-Foundations/Concrete Pour	Pumps	1	8	84	0.74	15	7,459
Phase 1A-Building Construction	Graders	2	8	187	0.41	60	73,603
Phase 1A-Building Construction	Off-Highway Tractors	10	8	124	0.44	60	261,888
Phase 1A-Building Construction	Generator Sets	1	8	84	0.74	60	29,837
Phase 1A-Building Construction	Welders	1	8	46	0.45	60	9,936
Phase 1A-Architectural Coatings	Air Compressors	1	8	78	0.48	50	14,976
Phase 1A-Paving	Off-Highway Tractors	3	8	124	0.44	7	9,166

Phase	Equipment	# of Equipment	Hours/ Day	HP	Load Factor	Days	Total hp-hr
Phase 1A-Paving	Off-Highway Trucks	3	8	402	0.38	7	25,664
Phase 1A-Paving	Paving Equipment	2	8	132	0.36	7	5,322
Phase 1A-Paving	Rollers	3	8	80	0.38	7	5,107
Phase 1A-Paving	Skid Steer Loaders	1	8	65	0.37	7	1,347
Phase 1B-Grading/Excavation	Excavators	1	8	158	0.38	51	24,496
Phase 1B-Grading/Excavation	Graders	1	8	187	0.41	51	31,281
Phase 1B-Grading/Excavation	Rubber Tired Dozers	1	8	247	0.40	51	40,310
Phase 1B-Grading/Excavation	Off-Highway Trucks	1	8	402	0.38	51	62,326
Phase 1B-Grading/Excavation	Tractors/Loaders/Backhoes	3	8	97	0.37	51	43,929
Phase 1B-Drainage/Utilities/Sub-Grade	Rubber Tired Dozers	3	8	247	0.40	11	26,083
Phase 1B-Drainage/Utilities/Sub-Grade	Tractors/Loaders/Backhoes	4	8	97	0.37	11	12,633
Phase 1B-Foundations/Concrete Pour	Cranes	1	8	231	0.29	22	11,790
Phase 1B-Foundations/Concrete Pour	Forklifts	3	8	89	0.20	22	9,398
Phase 1B-Foundations/Concrete Pour	Generator Sets	1	8	84	0.74	22	10,940
Phase 1B-Foundations/Concrete Pour	Tractors/Loaders/Backhoes	3	8	97	0.37	22	18,950
Phase 1B-Foundations/Concrete Pour	Pumps	1	8	84	0.74	22	10,940
Phase 1B-Building Construction	Cranes	1	8	231	0.29	148	79,316
Phase 1B-Building Construction	Forklifts	4	8	89	0.20	148	84,301
Phase 1B-Building Construction	Generator Sets	1	8	84	0.74	148	73,597
Phase 1B-Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37	148	127,481
Phase 1B-Building Construction	Welders	2	8	46	0.45	148	49,018
Phase 1B-Architectural Coatings	Air Compressors	1	8	78	0.48	18	5,391
Phase 1B-Paving	Pavers	2	8	130	0.42	11	9,610
Phase 1B-Paving	Paving Equipment	2	8	132	0.36	11	8,364
Phase 1B-Paving	Rollers	2	8	80	0.38	11	5,350

Phase	Equipment	# of Equipment	Hours/ Day	HP	Load Factor	Days	Total hp-hr
Phase 2-Demolition	Concrete/Industrial Saws	1	8	81	0.73	20	9,461
Phase 2-Demolition	Excavators	2	8	158	0.38	20	19,213
Phase 2-Demolition	Rubber Tired Dozers	1	8	247	0.40	20	15,808
Phase 2-Grading/Excavation	Excavators	1	8	158	0.38	20	9,606
Phase 2-Grading/Excavation	Graders	2	8	187	0.41	20	24,534
Phase 2-Grading/Excavation	Rubber Tired Dozers	1	8	247	0.40	20	15,808
Phase 2-Grading/Excavation	Scrapers	6	8	367	0.48	20	169,114
Phase 2-Grading/Excavation	Off-Highway Trucks	2	8	402	0.38	20	48,883
Phase 2-Grading/Excavation	Tractors/Loaders/Backhoes	2	8	97	0.37	20	11,485
Phase 2-Drainage/Utilities/Sub-Grade	Rubber Tired Dozers	3	8	247	0.40	25	59,280
Phase 2-Drainage/Utilities/Sub-Grade	Tractors/Loaders/Backhoes	4	8	97	0.37	25	28,712
Phase 2-Foundations/Concrete Pour	Cranes	1	8	231	0.29	15	8,039
Phase 2-Foundations/Concrete Pour	Forklifts	3	8	89	0.20	15	6,408
Phase 2-Foundations/Concrete Pour	Generator Sets	1	8	84	0.74	15	7,459
Phase 2-Foundations/Concrete Pour	Tractors/Loaders/Backhoes	3	8	97	0.37	15	12,920
Phase 2-Foundations/Concrete Pour	Pumps	1	8	84	0.74	15	7,459
Phase 2-Building Construction	Cranes	1	8	231	0.29	140	75,029
Phase 2-Building Construction	Forklifts	3	8	89	0.20	140	59,808
Phase 2-Building Construction	Generator Sets	1	8	84	0.74	140	69,619
Phase 2-Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37	140	120,590
Phase 2-Building Construction	Welders	1	8	46	0.45	140	23,184
Phase 2-Architectural Coatings	Air Compressors	1	8	78	0.48	20	5,990
Phase 2-Paving	Pavers	2	8	130	0.42	21	18,346
Phase 2-Paving	Paving Equipment	2	8	132	0.36	21	15,967
Phase 2-Paving	Rollers	2	8	80	0.38	21	10,214

Phase 1	**Total ≤ 100**	587,502
	Total >100	1,027,941

Phase 2	**Total ≤ 100**	373,311
	Total >100	479,626

On-Road Haul/Vendor Trucks

Parameter	Phase 1 (2020)	Phase 2 (2030)
EMFAC2017 Diesel Fuel Consumption Factor (gal/mile):[1]	0.18	0.16
Total Haul Truck VMT (miles):	155,600	115,080
Total VMT diesel gallons (on-road haul trucks):	**27,243.51**	**18,085.16**
HHDT Idling Fuel Consumption Factor (gal/min):[2]	0.015	0.015
Total Haul Truck Idle-Minutes per Year (minutes):	58,350	43,155
Total Idling diesel gallons (on-road haul trucks)[3]:	**315.09**	**233.04**
Total diesel gallons (on-road haul trucks):	**27,559**	**18,318**

Without ATCM		Gallons Saved	
875.25	647.325	560.16	414.29
		Total Savings	**974**

1. California Air Resources Board, EMFAC2014 (BAAQMD; Annual; CY 2020,2030; Aggregate MY; Aggregate Speed,DSL)
2. 1. Idle Fuel Consumption for Selected Gasoline and Diesel Vehicles, US Department of Energy. Accessed February 2019. https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles
3. Incorporates estimated fuel savings from Anit-Idling Regulation (64 percent based on estimated CARB emissions reductions)
   Source: California Air Resources Board (CARB), 2004. Staff Report: Initial Statement of Reasons for Proposed Rulemaking, Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling, Appendix F, July 2004, https://www.arb.ca.gov/regact/idling/isorappf.pdf.

Phase	Total One-Way Trips	Miles/Trip	VMT	Idle Minutes
Phase 1A-Grading/Excavation	800	20	16,000	6,000
Phase 1A-Drainage/Utilities/Sub-Grade	0	20	0	0
Phase 1A-Foundations/Concrete Pour	1,200	20	24,000	9,000
Phase 1A-Building Construction	2,100	20	42,000	15,750
Phase 1A-Architectural Coatings	0	20	0	0
Phase 1A-Paving	14	20	280	105
Phase 1B-Grading/Excavation	680	20	13,600	5,100
Phase 1B-Drainage/Utilities/Sub-Grade	0	20	0	0
Phase 1B-Foundations/Concrete Pour	1,020	20	20,400	7,650
Phase 1B-Building Construction	1,944	20	38,880	14,580
Phase 1B-Architectural Coatings	0	20	0	0
Phase 1B-Paving	22	20	440	165
Phase 2-Demolition	0	20	0	0
Phase 2-Grading/Excavation	1,240	20	24,800	9,300
Phase 2-Drainage/Utilities/Sub-Grade	0	20	0	0
Phase 2-Foundations/Concrete Pour	1,860	20	37,200	13,950
Phase 2-Building Construction	2,612	20	52,240	19,590
Phase 2-Architectural Coatings	0	20	0	0
Phase 2-Paving	42	20	840	315

Phase 1 Total Haul Truck VMT:	155,600
Phase 2 Total Haul Truck VMT:	115,080
Phase 1 Total Idle Minutes:	58,350
Phase 2 Total Idle-Minutes:	43,155

On-Road Workers (LDA, LDT1, LDT2)

Parameter	Phase 1 (2020)	Phase 2 (2030)
EMFAC2017 Gasoline Fuel Consumption Factor (gal/mile):[1]	0.039	0.028
Total Worker VMT (miles):	511,855	493,085
Total VMT gasoline gallons (workers):	**19,813**	**14,051**

1. California Air Resources Board, EMFAC2014 (BAAQMD; LDA, LDT1, LDT2; CY 2020,2030; Aggregate MY; Aggregate Speed,GAS)

Phase	Days	One-Way Trips/Day	Miles/Trip	VMT
Phase 1A-Grading/Excavation	30	26	10.8	8,424
Phase 1A-Drainage/Utilities/Sub-Grade	7	28	10.8	2,117
Phase 1A-Foundations/Concrete Pour	15	164	10.8	26,568
Phase 1A-Building Construction	60	300	10.8	194,400
Phase 1A-Architectural Coatings	50	60	10.8	32,400
Phase 1A-Paving	7	30	10.8	2,268
Phase 1B-Grading/Excavation	51	18	10.8	9,914
Phase 1B-Drainage/Utilities/Sub-Grade	11	18	10.8	2,138
Phase 1B-Foundations/Concrete Pour	22	24	10.8	5,702
Phase 1B-Building Construction	148	138	10.8	220,579
Phase 1B-Architectural Coatings	18	28	10.8	5,443
Phase 1B-Paving	11	16	10.8	1,901
Phase 2-Demolition	20	10	10.8	2,160
Phase 2-Grading/Excavation	20	36	10.8	7,776
Phase 2-Drainage/Utilities/Sub-Grade	25	18	10.8	4,860
Phase 2-Foundations/Concrete Pour	15	24	10.8	3,888
Phase 2-Building Construction	140	304	10.8	459,648
Phase 2-Architectural Coatings	20	62	10.8	13,392
Phase 2-Paving	21	6	10.8	1,361
			Phase 1 Worker VMT	511,855
			Phase 2 Worker VMT	493,085

Haul/Vendor (HHDT) Fuel Factor

Year	VMT (mi/day)	Fuel Consumption (1000gal/day)	gal/mi	mi/gal
2020	4143457.66	725.46	0.18	5.7
2030	5127373.40	805.78	0.16	6.4

EMFAC 2014 Webdatabase

Worker (LDA, LDT1, LDT2) Fuel Consumption Factor

Year/Vehicle Category	VMT (mi/day)	Fuel Consumption (1000gal/day)	gal/mi	CalEEMod Worker Fleet Distribution
2020				
LDA	93944227.22	3220.70	0.03	0.50
LDT1	6961770.774	282.11	0.04	0.25
LDT2	33008227.02	1510.01	0.05	0.25
2030				
LDA	92581327.13	2407.53	0.03	0.50
LDT1	6643709.806	193.38	0.03	0.25
LDT2	35180101.77	1156.44	0.03	0.25

EMFAC 2014 Webdatabase

Year	Weighted Fuel Consumption Factor (gal/mi)	Weighted Fuel Economy (mi/gal)
2020	0.039	25.8
2030	0.028	35.1

Idle Consumption at Idle for Selected Gasoline and Diesel Vehicles

Vehicle Type	Fuel Type	Engine Size (liter)	Gross Vehicle Weight (GVW) (lb)	Idling fuel use (Gal/hr with no load)	Idling fuel use (Gal/min with no load)
Tractor-Semitrailer	Diesel	-	80,000	0.64	0.0107
Bucket Truck	Diesel	-	37,000	0.90	0.0150
Combination Truck	Diesel	-	32,000	0.49	0.0082
Transit Bus	Diesel	-	30,000	0.97	0.0162
Medium Heavy Truck	Diesel	6-10	23,000-33,000	0.44	0.0073
Tow Truck	Diesel	-	26,000	0.59	0.0098
Delivery Truck	Diesel	-	19,500	0.84	0.0140
Medium Heavy Truck	Gas	5-7	19,700-26,000	0.84	0.0140
Compact Sedan	Diesel	2	-	0.17	0.0028
Large Sedan	Gas	4.6	-	0.39	0.0065
Compact Sedan	Gas	2	-	0.16	0.0027

https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles

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Energy Calculations
Operational Energy

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Electricity and Natural Gas Consumption

Operational Energy Analysis - Phase 1 (2021)

Electricity[4]	kWh/yr	GWh/yr	
Discount Club	4000440.00	4.00	
Gasoline/Service Station	19482.20	0.02	
Hotel	832920.00	0.83	
Other Non-Asphalt Surfaces	0.00	0.00	
Parking Lot	112167.00	0.11	
Parking Lot	34412.40	0.03	
Strip Mall	41400.00	0.04	
Total	**5,040,822**		**5.041**
Total (including water, see below)	**5,191,040**		**5.191**
Existing Energy Consumption			
Net Project Energy Consumption	**5,191,040**		**5.191**

Electricity	GWh/yr
PG&E 2017 Annual Sold Electricity[1]	82,226
Alameda County Consumption[2]	11,112
Project Annual	5.19
Existing Annual	-
Net Project Annual	5.19
Percent Net Project of PG&E	0.006%
Perncent of Alameda County	0.05%

Water[4]	Mgal/yr	
Discount Club	4.000	
Gasoline/Service Station	0.428	
Hotel	6.511	
Other Non-Asphalt Surfaces	-	
Parking Lot	-	
Strip Mall	0.597	
Total	**11.537**	
Electricity Intensity Factors	**kWh/Mgal**	
Electricity Factor - Supply	9,727	
Electricity Factor - Treat	111	
Electricity Factor - Distribute	1,272	
Electricity Factor - Wastewater Treatment	1,911	
Electricity from Water Demand	**kWh/yr**	**GWh/yr**
Total	**150,218**	**0.150**

Source: California Air Resources Board, CalEEMod, Version 2016.3.2.

Natural Gas[4]	kBtu/yr	cubic foot (cf)[3]	Per day Usag
Discount Club	245,680	236,914	
Gasoline/Service Station	57,797	55,735	
Hotel	4,282,080	4,129,296	
Other Non-Asphalt Surfaces	0	-	
Parking Lot	0	-	
Strip Mall	8,300	8,004	
Project Total	**4,593,857**	**4,429,949**	12,137
Existing Total			
Project Net Total	**4,593,857**	**4,429,949**	**12,137**

Natural Gas	million cubic foot (cf)
PG&E's 2017 Sold Natural Gas[1]	234,181
Alameda County Consumption[2]	36,551
Project Annual	4.4
Existing Annual	
Net Project Annual	4.4
Percent Net Project of SoCalGas	0.002%
Perncent of Alameda County	0.01%

1) PG&E, 2017 Join Annual Report to Stakeholders, p.19, Available at: http://s1.q4cdn.com/880135780/files/doc_financials/2017/annual/2017-Annual-Report-Final.pdf

2) California Energy Commission, California Energy Consumption Dateabase, 2017 Electricity and Natural Gas Consumption by County. http://ecdms.energy.ca.gov/. Accessed March 2019.

3) Conversion factor of 1,037 Btu per cubic foot based on United States Energy Information Administration data
https://www.eia.gov/tools/faqs/faq.php?id=45&t=8

4) Values from CalEEMod Output file for Phase 1 Operations

Operational Energy Analysis - Full Buildout (2031)

Electricity	kWh/yr	GWh/yr
Discount Club	4000440.00	4.00
Gasoline/Service Station	19482.20	0.02
Hotel	832920.00	0.83
Other Non-Asphalt Surfaces	0.00	0.00
Parking Lot	112167.00	0.11
Parking Lot	114345.00	0.11
Parking Lot	34412.40	0.03
	1523830.00	1.52
Total	**6,637,597**	**6.638**
Total (including water, see below)	**7,074,116**	**7.074**
Existing Energy Consumption		
Net Project Energy Consumption	**7,074,116**	**7.074**

Electricity	GWh/yr
PG&E 2017 Annual Sold Electricity[1]	82,226
Alameda County Consumption[2]	11,112
Project Annual	7.07
Existing Annual	-
Net Project Annual	7.07
Percent Net Project of PG&E	0.009%
Perncent of Alameda County	0.06%

Water	Mgal/yr
Discount Club	4.000
Gasoline/Service Station	0.428
Hotel	6.511
Other Non-Asphalt Surfaces	-
Parking Lot	-
Strip Mall	22.585
	-
Total	**33.524**

Electricity Intensity Factors	kWh/Mgal
Electricity Factor - Supply	9,727
Electricity Factor - Treat	111
Electricity Factor - Distribute	1,272
Electricity Factor - Wastewater Treatment	1,911

Electricity from Water Demand	kWh/yr	GWh/yr
Total	**436,519**	**0.437**

Source: California Air Resources Board, CalEEMod, Version 2016.3.2.

Natural Gas	kBtu/yr	cubic foot (cf)	Per day Usage
Discount Club	245,680	236,914	
Gasoline/Service Station	57,797	55,735	
Hotel	4,282,080	4,129,296	
Other Non-Asphalt Surfaces	0	-	
Parking Lot	0	-	
Strip Mall	305,501	294,601	
Strip Mall	8,300	8,004	
Project Total	**4,899,358**	**4,724,550**	12,943.97
Existing Total			
Project Net Total	**4,899,358**	**4,724,550**	**12,944**

Natural Gas	million cubic foot (cf)
PG&E's 2017 Sold Natural Gas[1]	234,181
Alameda County Consumption[2]	36,551
Project Annual	4.72
Existing Annual	
Net Project Annual	4.72
Percent Net Project of PG&E	0.002%
Perncent of Alameda County	0.01%

1) PG&E, 2017 Join Annual Report to Stakeholders, p.19, Available at: http://s1.q4cdn.com/880135780/files/doc_financials/2017/annual/2017-Annual-Report-Final.pdf

2) California Energy Commission, California Energy Consumption Dateabase, 2017 Electricity and Natural Gas Consumption by County. http://ecdms.energy.ca.gov/. Accessed March 2019.

3) Conversion factor of 1,037 Btu per cubic foot based on United States Energy Information Administration data
https://www.eia.gov/tools/faqs/faq.php?id=45&t=8

4) Values from CalEEMod Output file for Full Buildout Operations

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Transportation Fuel Consumption

Operational Fuel Consumption

Diesel Fuel Consumption Summary	Phase 1 (2021)		Full Buildout (2031)	
Source	**DSL**	**GAS**	**DSL**	**GAS**
Non-HHDT (Running)	37,793	1,094,309	52,573	1,368,000
Light Duty (Idling) @ Gas Station	0	39,991	0	39,991
Delivery Vehicles (HHDT)	72,789	0	191,118	0
TRU	14,357	0	54,430	0
Generators	5,070	0	5,070	0
Total	**130,009**	**1,134,300**	**303,191**	**1,407,991**

Source	**Phase 1 (2021)**		**Full Buildout (2031)**	
	Diesel	**Gas**	**Diesel**	**Gas**
Total	**130,009**	**1,134,300**	**303,191**	**1,407,991**
Alameda County[1]	113,725,490	583,000,000	113,725,490	583,000,000
Project % of Alameda County	0.11%	0.19%	0.27%	0.24%
California[1]	3,798,039,216	15,584,000,000	3,798,039,216	15,584,000,000
Project % of California	0.003%	0.0073%	0.008%	0.009%

California Energy Commission, California Retail Fuel Outlet Annual Reporting (CEC-A15) Results, 2017
https://www.energy.ca.gov/almanac/transportation_data/gasoline/2010-2017_A15_Results.xlsx
Diesel is adjusted to account for retail (51%) and non-retail (49%) diesel sales.

Project Trip Generation

Table 1: Previous Trips Generation Estimates - Phase 1 (2021)[1]

Land Use	Size	Unit		Weekday Trips	Saturday Trips	Weekday Trip Rate	Saturday Trip Rate
Retail	24	1000sqft		1,000	1,170	42.6	49.8
Club Retail with Fuel	148	1000sqft		10,710	11,060	72.4	74.7
Hotel (150 Rooms)	88	1000sqft		1,230	1,230	14.0	14.0
			Total	**12,940**	**13,460**		
	Reductions[1]	Pass By Trips (Retail)		300	350		
		Pass By Trips (Club Retail with Fuel)		3,750	2,210		
			Total After Reductions	**8,890**	**10,900**		

Table 2: Previous Trips Generation Estimates - Full Buildout (2031)[1]

Land Use	Size	Unit		Weekday Trips	Saturday Trips	Weekday Trip Rate	Saturday Trip Rate
Retail	246	1000sqft		10,510	12,300	42.6	49.9
			30% Reduction	3,153	3,690		
			Net Trips	**7,357**	**8,610**		

Table 3: Updated Trips Generation Estimates - Phase 1 (2021)

Land Use	Size	Unit	Weekday Trip Rate	Saturday Trip Rate		Weekday Trips	Saturday Trips
Retail	5	1000sqft	42.6	49.8		213	249
Club Retail with Fuel	148	1000sqft	72.4	74.7		10,710	11,060
Hotel (231 Rooms)	132	1000sqft	14.0	14.0		1,845	1,845
					Total	**12,768**	**13,154**
				Reductions[1]	Pass By Trips (Retail)	64	75
					Pass By Trips (Club Retail with Fuel)	3,750	2,210

Trip Rates for CalEEMod	Weekday Trip Rate	Saturday Trip Rate
Retail	**29.82**	**34.89**
Club Retail with Fuel	**47.03**	**59.80**
Hotel (231 Rooms)*	**7.99**	**7.99**

**CalEEMod uses vehicle trips per room instead of SF*

Vehicle Type	Fleet Distribution	Fleet Distribution**
LDA	0.59	0.594046867
LDT1	0.06	0.064403952
LDT2	0.21	0.208695384
MDV	0.13	0.132853797

**These values entered in CalEEMod, all other vehicle categories zeroed-out, only these light-duty vehicle categories are evaluated.*

		Weekday Trips	Saturday Trips
Net Total			
Retail		149	174
Club Retail with Fuel		6,960	8,850
Hotel (231 Rooms)		1,845	1,845
Weighted Daily Trips			
Retail		156	
Club Retail with Fuel		7,500	
Hotel (231 Rooms)		1,845	
	Total After Reductions	**8,954**	**10,869**
	Weighted Daily Trips	**9,501**	

Table 4: Updated Trips Generation Estimates - Full Buildout (2031)

Land Use	Size	Unit	Weekday Trip Rate	Saturday Trip Rate		Weekday Trips	Saturday Trips
Retail	184	1000sqft	43	50		7,849	9,185
Trip Rates for CalEEMod	**Weekday Trip Rate**	**Saturday Trip Rate**			**Total**	**7,849**	**9,185**
Retail	**29.85**	**34.94**		**Reductions**[1]	Pass By Trips (Retail)	2,355	2,756
					Total After Reductions	**5,494**	**6,430**
					Weighted Daily Trips	**5,596**	

Hotel/Retail Trucks

Land Use	Weighted Daily Trucks
Phase 2-Retail	165
Phase 1-Retail	4
Phase 1-Hotel	54

Phase 2 Retail Trucks

Weekday Trips	Weekend Trips
157	184
Weighted Daily Trucks	
112.45	52.64

1) Johnson Drive Economic Development Zone Transportation Impact Analysis, Fehr & Peers, 2015.

TRU Operation

TRU Fuel Consumption

Source	Input
Costco	
Daily Trucks[1]	10
Trucks per Hour	1
Percent box trucks with TRUs[1]	75%
TRU operation/trip (hrs)[1]	2
Annual hours of TRU operation	5,475
Phase 1 - Retail/Hotel	
Daily one-way trips	58
Daily Trucks	29
Trucks per Hour	3
Percent semi trucks with TRUs[1]	25%
TRU operation/trip (hrs)[1]	2
Annual hours of TRU operation	5,320
Phase 2 - Onsite Businesses	
Daily one-way trips	330
Daily Trucks	165
Trucks per Hour	17
Percent semi trucks with TRUs[1]	25%
TRU operation/trip (hrs)[1]	2
Annual hours of TRU operation	30,130

Parameters for TRU Trucks	
TRU horsepower[2]	34
TRU load factor	0.46

TRU Diesel Consumption - Phase 1 (2021)

Source	Year	Annual Hours of TRU Operation	TRU Fuel Factor (gal/hr)[3]	Annual Diesel Consumption (gal/year)
Costco	2021	5,475	1.33E+00	7,281.75
Phase 1 - Retail/Hotel	2021	5,320	1.33E+00	7,075.57
			Total	**14,357**

Full Buildout TRU Diesel Consumption

Source	Year	Annual Hours of TRU Operation	TRU Fuel Factor (gal/hr)[3]	Annual Diesel Consumption (gal/year)
Costco	2031	5,475	1.33E+00	7,281.75
Phase 1 - Retail/Hotel	2031	5,320	1.33E+00	7,075.57
Phase 2 - Onsite Businesses	2031	30,130	1.33E+00	40,072.35
			Total	**54,430**

Notes:

1 Johnson Drive HRA Assumptions

2 ARB 2011 Staff Report: Amendments for the ATCM for TRUs, table III-1: https://www.arb.ca.gov/regact/2011/tru2011/truisor.pdf

3 NREL, Emissions of Transport Refrigeration Units with CARB Diesel, Gas-to-Liquid Diesel, and Emissions Control Devices, p.5. Accessed February 2019. https://www.nrel.gov/docs/fy10osti/46598.pdf

Costco Emergency Generator Fuel Consumption - Phase 1 (2021)

Conversion Factors	
HP/kW	1.3
CO2 kg/gal[1]	10.21
g/lb	453.6

Generator Rating:	1,000	kW
	1,341	HP
Load Factor[2]:	0.74	
Engine Emissions Tier:	Rule 1470 Compliant	
Operating Hours per Unit[3]:	2	hours/day
	50	hours/year

Emergency Generator Emissions

	Greenhouse Gases	
Units	**CO_2**	**CO_2e**
metric tons/yr	**25.88**	**26.12**

Fuel Consumption

Phase	Total CO_2 (MT/yr)	Fuel Type	Fuel Factor ($kgCO_2/gal$)[1]	Gallons
Phase 1/Full Buildout	25.88	Diesel	10.21	2,535

1 Climate Registry, Table 13.1, https://www.theclimateregistry.org/wp-content/uploads/2018/06/The-Climate-Registry-2018-Default-Emission-Factor-Document.pdf

2 Load Factor based on CalEEMod Generator Set Load Factor

3 Number of hours permitted for testing and maintenance consistent with BAAQMD Regulation 9-8-330.3

Source: ESA 2019.

Hotel Emergency Generator Fuel Consumption - Phase 1 (2021)

Conversion Factors	
HP/kW	1.3
CO2 kg/gal[1]	10.21
g/lb	453.6

Generator Rating:	1,000	kW
	1,341	HP
Load Factor[2]:	0.74	
Engine Emissions Tier:	Rule 1470 Compliant	
Operating Hours per Unit[3]:	2	hours/day
	50	hours/year

Emergency Generator Emissions

	Greenhouse Gases	
Units	**CO_2**	**CO_2e**
metric tons/yr	**25.88**	**26.12**

Fuel Consumption

Phase	Total CO_2 (MT/yr)	Fuel Type	Fuel Factor ($kgCO_2/gal$)[1]	Gallons
Phase 1/Full Buildout	25.88	Diesel	10.21	2,535

1 Climate Registry, Table 13.1, https://www.theclimateregistry.org/wp-content/uploads/2018/06/The-Climate-Registry-2018-Default-Emission-Factor-Document.pdf

2 Load Factor based on CalEEMod Generator Set Load Factor

3 Number of hours permitted for testing and maintenance consistent with BAAQMD Regulation 9-8-330.3

Source: ESA 2019.

Non-Delivery Vehicles (excludes HHDT) Running Fuel Consumption

					Fuel Distribution			
Phase	Operational Year	Annual VMT (miles)[1]	DSL Fuel Factor (gal/mi)	GAS Fuel Factor (gal/mi)	DSL % of VMT	GAS % of VMT	Annual DSL Consumption (gal/year)	Annual Gas Consumption (gal/year)
Phase 1	2021	26,560,520	0.033	0.043	0.043	0.957	37,793	1,094,309
Full Buildout	2031	42,635,645	0.026	0.034	0.047	0.953	52,573	1,368,000

1. Annual VMT generated from Phase 1 Operations and Full Buildout CalEEMod runs

Light-Duty Vehicle Idling Fuel Consumption at Gas Station

Phase	Year	Trips per Day (In/Out)	# of Cars Idling per Day	Idling Duration (min)	LD Idling Fuel Factor (gal/min)	Days/yr	Annual Gasoline Consumption (gal/year)
Phase 1	2021	3371	1686	10	6.50E-03	365	39,991
Full Buildout	2031	3371	1686	10	6.50E-03	365	39,991

HHDT Running Fuel Consumption - Phase 1 (2021)

Source	Year	# of Trucks per Day	Total Truck Trips per Day (In/Out)	Trip Length (mi)	Running Fuel Factor (gal/mi)[1]	Days/yr	Annual Diesel Consumption (gal/year)
Costco	2021	10	20	24.5	0.143	365	25,590
Gas Station	2021	6	12	30.0	0.143	365	18,801
Phase 1 - Retail/Hotel	2021	29	58	7.3	0.159	365	24,690
						Total	**69,081**

HHDT Running Fuel Consumption - Full Buildout (2031)

Source	Year	# of Trucks per Day	Total Truck Trips per Day (In/Out)	Trip Length (mi)	Running Fuel Factor (gal/mi)	Days/yr	Annual Diesel Consumption (gal/year)
Costco	2031	10	20	24.5	0.149	365	26,628
Gas Station	2031	6	12	30.0	0.149	365	19,564
Phase 1 - Retail/Hotel	2031	29	58	7.3	0.123	365	19,158
Phase 2- Trucks	2031	165	330	7.3	0.123	365	108,501
						Total	**173,852**

1. Costco trucks utilize fuel factor for HHDT with model year 2016. Non-Costco trucks utilize fuel factor for HHDT with an aggregate model year.

HHDT Idling Fuel Consumption - Phase 1 (2021)

Source	Year	# of Trucks per Day	Idling Minutes	Truck Idling Fuel Factor (gal/min)	Days/yr	Annual Diesel Consumption (gal/year)
Costco	2021	10	15	0.0150	365	821
Gas Station	2021	6	15	0.0150	365	493
Phase 1 - Retail/Hotel	2021	29	15	0.0150	365	2,394
					Total	**3,708**

HHDT Idling Fuel Consumption - Full Buildout (2031)

Source	Year	# of Trucks per Day	Idling Minutes	Truck Idling Fuel Factor (gal/min)	Days/yr	Annual Diesel Consumption (gal/year)
Costco	2031	10	15	0.0150	365	821
Gas Station	2031	6	15	0.0150	365	493
Phase 1 - Retail/Hotel	2031	29	15	0.0150	365	2,394
Phase 2- Trucks	2031	165	15	0.0150	365	13,558
					Total	**17,266**

Delivery Vehicle (HHDT) Diesel Fuel Factors-Aggregate Model Year

Year	Sum of Fuel Consumption (1000gal/day)	Sum of VMT (mi/day)	Running Fuel Factor (gal/mi)
2021	680.41	4280954.94	0.159
2031	647.24	5248129.57	0.123

EMFAC2017 Webdatabase

Delivery Vehicle (HHDT) Diesel Fuel Factors-Model Year 2016

Year	Sum of Fuel Consumption (1000gal/day)	Sum of VMT (mi/day)	Running Fuel Factor (gal/mi)
2021	110.77	774182.14	0.143
2031	37.14	249483.46	0.149

EMFAC2017 Webdatabase

Non-Delivery Vehicle Fuel Consumption Factors

Vehicle Category	DSL Fuel Consumption (1000gal/day)	DSL VMT (mi/day)	GAS Fuel Consumption (1000gal/day)	GAS VMT (mi/day)	DSL Fuel Factor (gal/mi)	GAS Fuel Factor (gal/mi)
Phase 1 (2021)						
LDA	28.57	1091742.42	3130.06	94103223.24	0.026	0.033
LDT1	0.19	5384.54	270.00	6877709.64	0.035	0.039
LDT2	2.24	66742.35	1470.30	33244983.27	0.034	0.044
LHDT1	83.64	1474370.38	149.59	1445203.01	0.057	0.104
LHDT2	39.11	624468.58	33.55	296973.00	0.063	0.113
MCY	0.00	0.00	27.61	1014757.34	0.000	0.027
MDV	17.67	403356.55	1132.22	19068059.33	0.044	0.059
MH	3.04	29434.15	15.95	106178.67	0.103	0.150
MHDT	322.86	2691523.38	50.41	324938.85	0.120	0.155
OBUS	36.05	260197.24	27.80	183307.44	0.139	0.152
SBUS	16.07	116308.14	2.99	35086.09	0.138	0.085
UBUS	66.29	283737.06	23.97	119997.41	0.234	0.200
Full Buildout (2031)						
LDA	25.09	1244391.88	2366.26	92623256.35	0.020	0.026
LDT1	0.08	3646.21	189.19	6653857.99	0.022	0.028
LDT2	1.97	77479.16	1138.48	35374330.42	0.025	0.032
LHDT1	74.88	1408404.94	88.62	892252.78	0.053	0.099
LHDT2	40.20	683864.70	30.57	282723.18	0.059	0.108
MCY	0.00	0.00	27.88	1027669.00	0.000	0.027
MDV	17.19	512263.83	831.49	18952119.96	0.034	0.044
MH	2.75	27283.76	13.86	95908.03	0.101	0.145
MHDT	374.53	3227472.52	54.24	361901.45	0.116	0.150
OBUS	39.77	297795.65	29.25	198318.10	0.134	0.147
SBUS	15.91	118287.61	4.25	50998.79	0.135	0.083
UBUS	39.64	184186.31	26.74	138503.16	0.215	0.193

EMFAC2014 Webdatabase

Year	DSL Weighted Fuel Factor (gal/mi)	GAS Weighted Fuel Factor (gal/mi)	DSL Weighted Fuel Economy (mi/gal)	GAS Weighted Fuel Economy (mi/gal)
2021	0.033	0.043	30.2	23.2
2031	0.026	0.034	38.4	29.7

Year	VMT Percentage per fuel	
2021	4.3%	95.7%
2031	4.7%	95.3%

Fleet Mix used in CalEEMod (excludes HHDT)

Vehicle Category	Fleet Mix
LDA	0.60349
LDT1	0.03742
LDT2	0.19918
LHDT1	0.01293
LHDT2	0.00543
MCY	0.00577
MDV	0.10936
MH	0.00069
MHDT	0.02017
OBUS	0.00279
SBUS	0.00095
UBUS	0.00181

Idle Consumption at Idle for Selected Gasoline and Diesel Vehicles

Vehicle Type	Fuel Type	Engine Size (liter)	Gross Vehicle Weight (GVW) (lb)	Idling fuel use (Gal/hr with no load)	Idling fuel use (Gal/min with no load)
Tractor-Semitrailer	Diesel	-	80,000	0.64	0.0107
Bucket Truck	Diesel	-	37,000	0.90	0.0150
Combination Truck	Diesel	-	32,000	0.49	0.0082
Transit Bus	Diesel	-	30,000	0.97	0.0162
Medium Heavy Truck	Diesel	6-10	23,000-33,000	0.44	0.0073
Tow Truck	Diesel	-	26,000	0.59	0.0098
Delivery Truck	Diesel	-	19,500	0.84	0.0140
Medium Heavy Truck	Gas	5-7	19,700-26,000	0.84	0.0140
Compact Sedan	Diesel	2	-	0.17	0.0028
Large Sedan	Gas	4.6	-	0.39	0.0065
Compact Sedan	Gas	2	-	0.16	0.0027

https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles

Johnson Drive EDZ
Economic Impact Analysis

Prepared for:

Environmental Science Associates &
The City of Pleasanton

Prepared by:

ALH | ECON
ALH Urban & Regional Economics

March 2016

2239 Oregon Street
Berkeley, CA 94705
510-704-1599
aherman@alhecon.com

March 15, 2016

Ms. Christy Herron
Senior Managing Associates
ESA | Community Development Group
550 Kearny Street, Suite 800
San Francisco, CA 94108

Re: Economic Impact Analysis for Johnson Drive Economic Development Zone

Dear Ms. Herron:

ALH Urban & Regional Economics (ALH Economics) is pleased to present this economic impact analysis of the planned Johnson Drive Economic Development Zone in the City of Pleasanton. This study highlights the study findings regarding the economic impact of the planned retail and hotel components of the EDZ, including potential club retail space. The purpose of this report is to provide an assessment of the potential for the project to cause or contribute to changes in the economy.

It has been a pleasure working with you on this project. Please let me know if you have any questions or concerns.

Sincerely,

Amy L. Herman
Principal

C:\ALH Econ\2016 Projects\1602\Report\1602.r03doc

TABLE OF CONTENTS

I. EXECUTIVE SUMMARY 1

INTRODUCTION 1
SUMMARY OF FINDINGS 1
CEQA URBAN DECAY DETERMINATION 7

II. INTRODUCTION 11

STUDY BACKGROUND 11
STUDY TASKS 12
STUDY RESOURCES AND REPORT ORGANIZATION 12

III. PROJECT RETAIL SALES ESTIMATION 14

PROJECT DESCRIPTION 14
PROJECTED SALES 14

IV. MARKET AREA DEFINITION, SHARE OF PROJECT SALES, AND RETAIL CHARACTERIZATION 20

PROJECT MARKET AREA DEFINITION 20
MARKET AREA SUPPORT OF PROJECT SALES 22
MARKET AREA RETAIL ORIENTATION 26

V. MARKET AREA DEMOGRAPHICS AND RETAIL SPENDING POTENTIAL 29

DEMOGRAPHIC CHARACTERISTICS 29
MARKET AREA RETAIL DEMAND POTENTIAL 30

VI. PROJECT SALES IMPACT ANALYSIS 32

RETAIL SALES BASE CHARACTERIZATION 32
PROJECT SALES IMPACTS 34
DOWNTOWN PLEASANTON IMPACTS 38
CLUB RETAIL CASE STUDY INFORMATION 39
SECONDARY IMPACTS 40

VII. CUMULATIVE PROJECT IMPACTS 42

IDENTIFIED RETAIL DEVELOPMENT PROJECTS 42
CUMULATIVE PROJECT MARKET AREA OVERLAP 43
CUMULATIVE PROJECT IMPACTS 44

VIII. HOTEL ANALYSIS 47

CONTEXT FOR JOHNSON DRIVE EDZ PLANNED HOTEL 47
BASELINE HOTEL CONDITIONS 47
PROJECT HOTEL AND CUMULATIVE HOTEL IMPACTS 49
JOHNSON DRIVE EDZ PROJECT AND CUMULATIVE HOTEL PROJECTS IMPACTS CONCLUSION 52

IX. CEQA URBAN DECAY DETERMINATION 53
STUDY DEFINITION OF URBAN DECAY 53
APPROACH TO DETERMINING URBAN DECAY POTENTIAL 53
THE CURRENT ENVIRONMENT 53
REGULATORY CONTROLS 57
POTENTIAL FOR URBAN DECAY RESULTING FROM THE PROJECT 60
X. FISCAL IMPACT ANALYSIS 64
APPROACH TO THE ANALYSIS 64
FISCAL ASSUMPTIONS 65
FISCAL REVENUE ESTIMATES 67
FISCAL EXPENDITURES ESTIMATES 68
NET FISCAL IMPACT 69
FISCAL IMPACT LIMITATIONS 70
ASSUMPTIONS AND GENERAL LIMITING CONDITIONS 72

APPENDIX A: EXHIBITS (Exhibits 1– 57))

APPENDIX B: SUPPORT EXHIBITS (Exhibits B-1 – B-7)

LIST OF EXHIBITS
(Appendix A)

Exhibit 1. Map of Johnson Drive Economic Development Zone Project Site Location and Area Context

Exhibit 2. Johnson Drive Economic Development Zone (EDZ), Project Description, Existing, Phase I Development, and Full Buildout, Key Land Use Desingations Summary

Exhibit 3. Club Retail Store Sales Distribution, Costco Sales by State of Califoonia Board of Equalization Retail Classifications

Exhibit 4. Club Retail Store Sales Distribution, Sam's Club Sales by State of Califoonia Board of Equalization Retail Classifications

Exhibit 5. Johnson Drive Economic Development Zone (EDZ), Club Retail Portion Retail Distribution, by State of California Boardof Equalization Retail Classifications

Exhibit 6. Costco Sales Performance and Distribution of Sales, 2015 Dollars

Exhibit 7. Sam's Club Sales Performance and Distribution of Sales, 2015 Dollars

Exhibit 8. Johnson Drive Economic Development Zone (EDZ), Project Distribution of General Retail Sapce, Net New Retail Square Feet by State of California Board of Equalization Category

Exhibit 9. Johnson Drive Economic Development Zone (EDZ), Distribution of Sales for Incremetnal Retail Space (Not including Existing Retail Space), 2015 Dollars

Exhibit 10. Johnson Drive Economic Development Zone (EDZ), Distribution of Club Retail Sales and Consumer Sales Estimates, 2015 Dollars

Exhibit 11. Map of Johnson Drive Economic Development Zone Project Market Area and Area Club Retail

Exhibit 12. Danville Costco, Household Zip of Costco Shoppers, 2013

Exhibit 13. Map of Johnson Drive Economic Development Zone Project Market Area and Danville Costco Shopper Household Zip Codes

Exhibit 14. Livermore Costco, Household Zip of Costco Shoppers, 2013

Exhibit 15. Johnson Drive Economic Development Zone (EDZ), Retail Project Sales Generated by Market Area Residents net of Recaptured Club Retail Sales, 2015 Dollars

Exhibit 16. Representative Existing Shopping Areas, Cities of Pleasanton and Dublin, February 2016

LIST OF EXHIBITS, CONTINUED
(Appendix A)

Exhibit 17. Map of Johnson Drive Economic Development Zone Project and Area Shopping Centers

Exhibit 18. Johnson Drive Economic Development Zone (EDZ), Market Area, City of Pleasanton, and City of Dublin Population and Household Estimates and Projections, 2015-2030

Exhibit 19. Market Area Retail Spending Potential, Existing Retail Demand, 2015, 2015 Dollars

Exhibit 20. Retail Demand Generated by Market Area Household Growth, 2015-2018 and 2018-2028, 2015 Dollars

Exhibit 21. Existing and Future Market Area Retail Demand by Category, 2015, 2018, and 2028

Exhibit 22. City of Pleasanton Taxable Sales Estimate, in Current Dollars, Fourth Quarter 2013 Through Third Quarter 2014, (in $000s)

Exhibit 23. City of Pleasanton, Adjusted Retail Sales Base, 2015 Estimate

Exhibit 24. City of Pleasanton, Retail Demand, Sales Attraction, and Spending Analysis, 2015

Exhibit 25. City of Dublin Taxable Sales Estimate, in Current Dollars, Fourth Quarter 2013 Trhough Third Quarter 2014, (in $000s)

Exhibit 26. City of Dublin, Adjusted Retail Sales Base, 2015 Estimate

Exhibit 27. City of Dublin, Retail Demand, Sales Attraction, and Spending Analysis, 2015

Exhibit 28. Johnson Drive Economic Developmetn Zone (EDZ) Sales Impacts, Incremental Impact on Existing Retail Sales Base Inclusive of Future Demand to 2018, Cities of Pleasanton and Dublin, 2015 Dollars

Exhibit 29. Johnson Drive Economic Developmetn Zone (EDZ) Sales Impacts, Incremental Impact on Existing Retail Sales Base Inclusive of Future Demand from 2018 to 2028, Cities of Pleasanton and Dublin, 2015 Dollars

Exhibit 30. Johnson Drive Economic Developmetn Zone (EDZ) Sales Impacts, Total Project ImpACT ON Existing Retail Sales Base Inclusive of Future Demand tO 2028, Cities of Pleasanton and Dublin, 2015 Dollars

Exhibit 31. Identified Planned Proposed Retail Projects, Project Details and Timing Estimates, Cities of Pleasanton and Dublin, January – March 2016

Exhibit 32. Map of Johnson Drive Economic Development Zone Project and Cumulative Retail Projects

LIST OF EXHIBITS, CONTINUED
(Appendix A)

Exhibit 33. Summary of Retail Pipeline, Cities of Pleasanton and Dublin, Through Johnson Drive Economic Development Zone Project Buildout in 2028

Exhibit 34. Existing and Future Market Area Retail Demand Converted to Supportable Square Feet, 2015 to 2018 and 2018 to 2028

Exhibit 35. Cumulative Retail Impacts, 2018 and Through Johnson Drive Economic Development Zone (EDZ) Project Buildout in 2028

Exhibit 36. Existing Hotel Supply, Cities of Pleasanton and Dublin, February 2016

Exhibit 37. Map of Johnson Drive Economic Development Zone Project and Area Hotels

Exhibit 38. Supply and Demand Trends, Pleasanton and Dublin Hotels, 2009-2015

Exhibit 39. Projected Future Hotel Supply and Demand Trends, Cities of Pleasanton and Dublin, 2015-2028

Exhibit 40. Total Jobs Estimates and Projections, Cities of Pleasanton and Dublin, 2015-2030

Exhibit 41. Identified Planned and Proposed Hotel Projects, Cities of Pleasanton and Dublin, February 2016

Exhibit 42. Cumulative Hotel Occupancy Analysis, Cities of Pleasanton and Dublin, 2015–2028

Exhibit 43. City of Pleasanton Retail Vacancy Trends, 2006 (2nd Qtr) Through 2015

Exhibit 44. City of Dublin Retail Vacancy Trends, 2006 (2nd Qtr) Through 2015

Exhibit 45. Johnson Drive Economic Development Zone (EDZ) Market Area and Bordering Market Area, Representative Retail Vacancies Available for Lease, January 2016

Exhibit 46. Examples of Larger Backfilled Retail/Commercial Tenants, City of Pleasanton

Exhibit 47. Johnson Drive Economic Development Zone (EDZ) Net New Development, Project Description, Employment, and Service Population Estimates

Exhibit 48. City of Pleasanton Demographic, Employment, and Tax Characteristics

Exhibit 49. Johnson Drive Economic Development Zone (EDZ), Estimated Taxable Project Sales, 2015 Dollars

Exhibit 50. Estimated Taxable Basis of Gasoline Sales

LIST OF EXHIBITS, CONTINUED
(Appendix A)

Exhibit 51. Johnson Drive Economic Development Zone (EDZ), Estimated Project Taxable Project Sales Net Project Impacts, 2015 Dollars

Exhibit 52. Johnson Drive Economic Development Zone (EDZ), Project Property Valuation and Property Eaxes, 2015 Dollars

Exhibit 53. Johnson Drive Economic Development Zone (EDZ), Property Tax in Lieu of VLF Estimates, Incremental Valuation Attributable to Johnson Drive Economic Development Zone (EDZ) Development, City of Pleasanton, FY 2015/16

Exhibit 54. Select City of Pleasanton General Fund Revenue Factors, City of Pleasanton, FY 2014/15 Dollars

Exhibit 55. Johnson Drive Economic Development Zone (EDZ), Select City of Pleasanton General Fund Revenues, City of Pleasanton, FY 2015/16 Dollars

Exhibit 56. City of Pleasanton General Fund Average Cost Expendituers, FY 2015/16 Operating Budget

Exhibit 57. Johnson Drive Economic Development Zone (EDZ), Annual Net Fiscal Impact Analysis, City of Pleasanton General Fund, FY 2015/16 Dollars

LIST OF SUPPORT EXHIBITS
(Appendix B)

Exhibit B-1. Calculation of Sales per Square Foot Estimates, Select Retail Stores and Store Types, 2010 through 2013, and 2015 Projected

Exhibit B-2. Johnson Drive EDZ Market Area Census Tracts and Associated Jurisdiction

Exhibit B-3. Map of Johnson Drive EDZ Project, Area Club Retail, and Census Tracts

Exhibit B-4. Johnson Drive EDZ Market Area Census Tracts, Population and Housing estimates and Projections, 2015-2030

Exhibit B-5. State of California Board of Equalization Taxable Retail Sales Estimates by Retail Category, 2013 (in $000s)

Exhibit B-6. Household Income Spent on Retail, United States, 2013

Exhibit B-7. Board of Equalization Omitted Taxable Sales Estimates for the City of Dublin, Using Alameda County Sales Percentages, Fourth Quarter 2013 through Third Quarter 2014, in $000s

I. EXECUTIVE SUMMARY

INTRODUCTION

The purpose of this study is to assess economic impacts resulting from development of new club retail, general retail, and hotel space in the Johnson Drive Economic Development Zone (EDZ) in the Pleasanton, CA. This report also evaluates the potential of the EDZ to result in urban decay, which comprises prolonged physical deterioration resulting from sustained economic impacts. The EDZ is a proposed 40-acre area along Johnson Drive. Implementation of the EDZ would allow the City of Pleasanton to use zoning and land use designations, incentive programs, completed California Environmental Quality Act (CEQA) documentation, and standards and guidelines to streamline the development process and encourage investment.

The EDZ site is located in a commercial area with other nearby commercial establishments, industrial uses, and a hotel. Proposed new development includes 189,037 square feet of new general retail space, 148,000 square feet of club retail space, and a 150- or 231-room hotel. This mix of new uses is hereafter defined as the "Project." This study estimates the potential impacts of the Project on existing retailers in the Project's market area, primarily in the form of diverted sales from existing retailers. The study also estimates the potential impacts on existing hotels. The study further estimates the extent to which the opening of the Project and other cumulative retail or hotel projects may or may not contribute to urban decay pursuant to potential store closures attributable to existing retailer sales diversions and hotel closures. The key indicator of urban decay from a CEQA perspective is impacts on the physical environment, which includes existing stores and hotels and commercial real estate conditions, as measured by the current baseline. This is the baseline reflected by existing conditions discussed in this report.

The Johnson Drive EDZ new retail and hotel development would occur incrementally. Phase 1 development of 5,000 square feet of general retail space, the 148,000 square feet of club retail space, and the hotel are assumed to be complete and fully operational by 2018. The remaining balance of new general retail space would be developed sometime prior to Full Buildout of the EDZ, which is assumed to occur by 2028.

SUMMARY OF FINDINGS

Project Sales and Market Area

ALH Economics estimates that stabilized sales for the Project would total $172.3 million in Phase I and a total of $241.3 million upon Full Buildout, all in 2015 dollars. Not all Project sales are deemed competitive with the existing retail sales base. Sales components not anticipated to be competitive with the retail sales base include sales made to wholesalers with resale licenses, purchases made by market area consumers recaptured from other regional club retailers, and sales made to consumers from outside the Project's market area.

The Project's general retail and club retail spaces are anticipated to draw 80% and 60% of their sales from the market area, respectively. The percentage is lower for the club retail space because market area data for nearby club retail stores suggests demand originates from a large area, with less than 60% sourced from households in the nearby environs. Based largely on locations of

competing club retail venues, the Project's market area was defined to include 18 full census tracts and three partial census tracts spanning the City of Pleasanton, the majority of the City of Dublin, and some unincorporated Alameda County areas. Consumer origin data for nearby club retail venues indicates that a large part of their consumers originate from the market area defined for the Project. This means market area consumers who want to shop at a club retail store are already doing so. It is assumed that these sales will be captured by the Project's club retail store. These redirected sales will not be diverted from any existing market area retailers but will comprise sales new to Pleasanton.

Based upon considerations of wholesale purchases, redirected sales, outside market area demand, the Project's sales anticipated to be most competitive with the existing retail base include $66.5 million in Phase I sales and $119.7 million in total sales at Full Buildout. These are the new sales anticipated to be generated by market area retail consumers.

The distribution of sales by retail category will vary between the general retail and club retail portions of the Project, but the overall distribution is summarized in Table 1. This distribution is based on assumptions regarding the allocation of Project space by type of retail category, and associated average sales estimates.

Table 1. Summary of Project Sales Competitive with Market Area Retail Sales Base

	General Retail		Club Retail		Full Buildout	Percent of
Retail Category	Phase 1	Full Buildout	Phase 1	Full Buildout	Total	Total
Motor Vehicles and Parts Dealers	$0	$0	$3,143,726	$3,143,726	$3,143,726	3%
Home Furnishings and Appliance Stores	$153,189	$5,791,663	$4,419,892	$4,419,892	$10,211,555	9%
Building Materials and Garden Equip.	$142,416	$5,384,380	$2,645,710	$2,645,710	$8,030,090	7%
Food and Beverage Stores	$0	$0	$32,075,342	$32,075,342	$32,075,342	27%
Gasoline Stations	$0	$0	$6,278,039	$6,278,039	$6,278,039	5%
Clothing and Clothing Accessories Stores	$365,722	$13,827,011	$2,023,190	$2,023,190	$15,850,201	13%
General Merchandise Stores	$141,136	$5,335,998	$4,840,093	$4,840,093	$10,176,090	8%
Food Services and Drinking Places	$288,849	$10,920,622	$249,008	$249,008	$11,169,630	9%
Other Retail Group	$407,534	$15,407,814	$7,395,537	$7,395,537	$22,803,351	19%
Total	**$1,498,846**	**$56,667,487**	**$63,070,537**	**$63,070,537**	**$119,738,024**	**100%**

Source: Exhibit 15.

The categories of sales are based upon categories defined by the State of California Board of Equalization. The "Other Retail" category is a broad category that includes a wide range of goods, such as office supplies, pet supplies, books, toys, pharmacy, jewelry, sporting goods, and gifts. As noted, the largest component of Project retail sales is estimated to comprise Food & Beverage store sales. This is attributable to the large share of club retail store sales comprising Food & Beverage sales.

Retail Sales Base and Characterization

The combined sales bases of Pleasanton and Dublin are estimated to total $3.0 billion, comprised of approximately equal portions between the two cities. Both Pleasanton and Dublin are retail attraction markets, meaning that more sales are captured by area retailers than would be expected from resident spending alone. This retail base attraction is characteristic of all major retail sectors except for two in Pleasanton – Building Materials & Garden Equipment and Gasoline Stations, meaning these two categories are not fully meeting demand generated by Pleasanton consumers. However, both of these categories are attraction categories in Dublin, thus the analysis assumes

the market area as a whole has attraction in all major retail categories. This suggests that recaptured leakage beyond the sales assumed to be recaptured from area club retail stores is not a likely source of demand for the Project's retail components.

Project Sales and Store Impacts

Recognizing that the market area is a sales attraction market, the analysis estimates that for the Project to be successful, all of its sales from market area residents would comprise sales diverted from existing retailers, excepting demand generated by new market area households, which is significant. Based on estimated household growth averaging just over 1.0% a year, this new demand is estimated to total $51.7 million in retail sales by 2018, an additional $171.1 million between 2018 and Full Buildout, for a cumulative total of $1.7 billion by Full Buildout, or 2028.

Taking Project sales generated by market area households and new demand into consideration, Phase I Project's sales impacts are estimated to total $26.7 million for existing retailers, or 0.9% of existing market area sales. This is the amount of sales estimated to be diverted from existing market area retailers after new household demand is taken into consideration. Overall this is a nominal level of impact. However, the sales impact is anticipated in three retail categories, including $0.3 million in Gasoline Stations, $1.9 million in Home Furnishings & Appliances, and $23.2 million in Food & Beverage Stores. The sales impacts in Home Furnishings & Appliances and Gasoline Stations are nominal and given the size of the sales base are not deemed large enough to result in existing retail outlet closures. Moreover, these sales impacts are anticipated to be offset quickly following completion of Phase I, including a period of less than one year for the Gasoline Station impact and just over two years for the Home Furnishings & Appliances impact. Thus, these impacts are not deemed severe enough to result in existing outlet closures.

The estimated Phase I sales impacts in the Food & Beverage Stores category are more substantial. At $23.2 million these impacts are equivalent to 7.4% of the existing sales base. This volume of sales could result in lower store sales performance among a number of existing Food & Beverage stores, which includes at least 17 more traditional food stores in the market area, as well as numerous ethnic and other small food markets. Or the sales impacts could be concentrated among just several retailers most comparable to the discounted or bulk food options available at a club retailer. Based upon average store sales performance, the estimated volume of diverted Food & Beverage Store sales is sufficient to support approximately 36,000 square feet of space. While this level of impact could suggest the potential for one existing grocery store in the market area to be at risk of potential closure following Phase I Project development, it is unlikely based on the outcomes experienced in similar jurisdictions after club stores opened. It is further unlikely because the nature of goods available at club retail stores are typically bulk in nature, with very limited variety, such that they do not lend themselves to the average household consumer who needs to stop by a grocery store once or twice a week for basic household needs or to round out the pantry and purchase ingredients for intimate family dinners. In addition, spread over just the more traditional market area food stores, the estimated level of impact is equivalent to less than $1.4 million in sales impact per store, which is likely not a sufficient sales volume loss to trigger store closure. Many stores can likely compensate for this loss through product repositioning and other operational changes. Further, some of these impacts will be offset over time as additional new demand is generated, averaging about $3.0 million a year after 2018.

If a store closes there are other demand opportunities available to backfill the space, thus reducing the likelihood of long-term retail vacancy. For some Project sales categories new market area demand will exceed the portion of Phase I Project sales estimated to be generated by market area households, thus no impact will result and demand available for other retailers will result. Thus, while there could be the potential for store closure, the likelihood of the space remaining vacant following Phase I development for a prolonged period of time and leading to urban decay is very low.

By the time of Full Buildout of the Project, estimated to comprise 2028, more than sufficient new market area demand will be generated to absorb the Project's anticipated sales generated by market area retail consumers. There is one minor exception to this, which is the Clothing & Clothing Accessories category, with a nominal sales impact. The estimated level of impact in this category is so limited it comprises 0.0% of the market area sales base. Moreover, the findings suggest that over $100 million in additional demand for retail will remain at Full Buildout, providing support for yet other retail venues as well as any retail space that might become vacated as a result of Project impacts. Such potential vacancies, however, are not deemed likely given the negligible sales impacts projected by Full Buildout.

Downtown Pleasanton Impacts

Downtown Pleasanton is anticipated to experience very limited, if any, sales impacts associated with the Project. This assessment is attributable to several factors, including the nature of the impacts, Downtown Pleasanton's retail base and orientation, and historical precedents. Specifically, the Project's impacts in sales categories represented Downtown are very low and unlikely to be experienced by Downtown retailers. This is especially the case because the nature of these and other goods sold in Downtown Pleasanton is generally very different from the type of goods available at a club retail store like Costco or other generic retailers that might occupy the Project's general retail space. Further, while there may be some club retail goods overlap, the quality of goods available Downtown is typically much greater and of a broader variety than available at a club retailer. In addition, Downtown Pleasanton retailers provide services not available at a club retailer. Downtown Pleasanton also provides a unique, pedestrian-oriented shopping opportunity with a customer-friendly atmosphere, which cannot be replicated at the Project. Further, shoppers who want the type of goods available at a club retail store already have regional opportunities for this kind of shopping. Thus, there is no motivation for Downtown shoppers to change their shopping patterns.

Downtown Pleasanton is quite distant from the Project site, at 4.3 miles. Shoppers who choose to shop in Downtown Pleasanton are unlikely to bundle a Downtown shopping with a Project shopping trip, further helping Downtown Pleasanton retain its existing shoppers. Finally, anecdotal information suggests that the opening of the San Francisco Premiums Outlets in Livermore, located even closer to Downtown Pleasanton than the Project site (3.9 miles versus 4.3 miles), did not result in negative economic impacts on Downtown Pleasanton retailers. This is supported by comparative sales analysis in Pleasanton spanning 2011, the year before the Outlets opened, and 2013, the year following the Outlets opening. This suggests that City of Pleasanton as a whole did not experience any retail sales repercussions associated with this significant retail addition to the region's retail base. This also supports the finding that the Project's impacts on the existing retail base may be limited, given the greater size of the San Francisco Premium Outlets relative to the Project.

Costco Case Study Findings

Case study research in select California communities with Costco stores provides some insight into the potential for more granular store impacts than results from the study's quantitative analysis. This includes research in Livermore, where the Costco store opened in 1993 but where gasoline sales were added within the past 5 years, plus Hayward and Huntington Beach, which have some sales base comparability to Pleasanton and newer Costco stores opened in 2009 and 2012, respectively. The case study findings indicate that none of the cities noted negative impacts on the existing business community associated with Costco, including the small business community, downtown, gas stations, or food stores. In the case of Huntington Beach, the Costco store was instead seen as a catalyst for small business development and area economic development, with spin-off benefits noted for other, previously struggling retail districts.

These case study findings indicate that other communities of a similar scale to Pleasanton did not experience negative impacts on their retail community when local Costco stores were developed. This includes no reported small business community impacts or impacts on gasoline stations. Therefore, these findings suggest the study conclusion that the Project's Phase I development could result in food store sales impacts is a conservative conclusion, not borne out by the experience in comparable cities.

Secondary Impacts

In addition to sales impacts throughout the Project's market area, there will be potential for more localized secondary impacts on the businesses located in the area proposed for the Johnson Drive EDZ. These include a higher volume of traffic through the area impacting employees and customers as well as existing businesses encountering a more competitive environment when seeking land or building acquisition for expansion purposes. Yet there are also potential beneficial impacts including traffic-related benefits associated with enhanced visibility of existing businesses, the proximate availability of low cost club retail merchandise and gasoline, other shopping and eating opportunities close to work, and possible long-term property value increases associated with economic development improvements throughout the area. Thus, as noted in the Huntington Beach Costco case study, Project development could serve as a catalyst for economic development, bringing shoppers to an area that was previously underutilized, and creating synergistic opportunities for business growth.

Cumulative Project Sales Impacts

ALH Economics identified 12 potential cumulative retail development projects in or near the market area. Cumulative projects are defined as retail developments that have the potential to generate net new retail sales that may be competitive with the Project, especially sales generated by market area consumers. Of these 12 projects, eight are anticipated to be completed by the end of 2018, concurrent with the Project's Phase I. The remaining four projects have unknown timing because they are either in very early planning stages or are phased projects that do not have estimated starting dates for the outstanding retail portion. These projects are assumed to be completed by the Project's Full Buildout timeframe.

The cumulative projects will have their own unique market areas, so only a portion of the cumulative project retail space will be competitive with the Project or relate to the market area sales

base. This share of space is estimated to total 173,321 square feet by 2018. There are 293,721 total square feet of estimated occupied development with unknown timing; however, a portion of this square footage may be developed between those years. This brings the total competitive square footage estimate to 467,042 square feet for the market area and surrounding areas, exclusive of the Project. Notably, these figures include one retail project in Dublin that City of Dublin representatives suggest may convert to an all residential project.

Cumulative project analysis taking into consideration the portion of Project and cumulative project retail space anticipated to capture sales from the Project's market area, future market area demand for retail, and timing of development indicates that by the completion of Phase I, suggest there will be a projected shortfall of 111,200 square feet of market area demand to support the cumulative projects. This is a nominal amount of shortfall based upon the current size of the combined retail base in Pleasanton and Dublin, which comprises 9.2 million square feet. If this 11,200–square-foot increment of retail space became vacant as a result of the cumulative projects (possibly including the estimated Phase I Project grocery store impacts), the current retail base vacancy rate would increase by 1.2%. This retail vacancy increment is very low, and would comprise an insignificant impact on the market area's retail base.

By the time Project Full Buildout occurs, there will continue to be insufficient new market area demand to absorb all the cumulative projects with known development timeframes. Similar to the Phase I timing analysis, however, this insufficient demand is estimated to be relatively low. Inclusive of the cumulative project anticipated to be unlikely to be developed as retail, this demand shortfall comprises an estimated 267,650 square feet. Excluding the unlikely development project reduces this figure to 154,800 square feet. Thus, the market area retail base vacancy rate is estimated to increase by 1.7% to 2.9% by Full Buildout pursuant to the cumulative retail development.

The degree to which these percentage increases will be significant to the market will depend upon the prevailing market conditions at the time of Full Buildout. While these conditions cannot be predicted, current conditions suggest that the projected increases in vacancy attributable to the cumulative projects at Full Buildout will not be detrimental to the commercial retail market, and that the market would continue to operate within healthy parameters. Therefore, ALH Economics concludes that the cumulative projects, inclusive of the Johnson Drive EDZ Project, are unlikely to result in negative sales impacts contributing to the potential for prolonged economic impacts and that urban decay is not likely to occur in the market area.

Hotel Impact Analysis

The Project has the potential for a 150- to 231-room hotel. There are a minimum of 15 existing hotels in Pleasanton and Dublin with a total of 2,297 rooms. These hotels represent five classes of hotel, including economy, midscale, upper midscale, upscale, and upper upscale. All of the existing hotels appear to be in good general repair, with attractive physical conditions and no signs of urban decay or deterioration, such as litter, graffiti, weeds or rubbish. Average annual occupancy rates of the hotels vary with economic conditions, with occupancy ranging from a low of 56% in 2009 at the peak of the Great Recession to 81% in 2015.

ALH Economics projected future demand for hotel rooms and assessed the Project's impact on future occupancy to identify if there could be negative impacts on occupancy sufficient to cause existing hotels to close. Demand was projected out at the combined projected employment rate for

Pleasanton and Dublin. This analysis effectively accommodates hotel rooms demand associated with expansion of the city's economic base. The results indicate that in 2018, when the Project's hotel is assumed to be added to supply for the full year, occupancy is projected to range from 79% to 81%. On the low end this rate is above the industry standard hotel occupancy rate of 75% and at the high end the rate is generally equivalent to the current baseline rates. Thus, the addition of the Project hotel is not anticipated to result in negative impacts on the existing hotel base contributing to potential hotel closure.

In addition to the Project, there are two cumulative hotels planned. This includes the 122-room Aloft Hotel at Grafton Plaza in Dublin, anticipated to be added to supply in 2017, a year before the Project, and the 75-room Project Clover hotel in Dublin, anticipated to be added to supply in 2018, the same year as the Project hotel. The near-term results after the addition of the new Grafton Plaza hotel in 2017 indicate that hotel occupancy is projected to remain stable at 81%, the rate noted in 2015. When the Project Clover and Johnson Drive EDZ Project hotels are further added to supply in 2018 the occupancy rate is projected to decrease, down to 73% to 75%, and recover thereafter. These projected rates are close to or above industry standard levels, and exceed levels achieved by the market as recently as 2011 and 2012. Thus, market performance is anticipated to remain close to or above industry standard levels reflective of a healthy hotel market. Therefore, the study concludes that the Project and cumulative projects may result in reduced occupancy among existing hotels, but that the existing hotels are not anticipated to be impacted to the point that hotel closure is a potential risk.

CEQA URBAN DECAY DETERMINATION

Definition of Urban Decay

For the purpose of this analysis, urban decay is defined as, among other characteristics, visible symptoms of physical deterioration that invite vandalism, loitering, and graffiti that is caused by a downward spiral of business closures and long term vacancies. This physical deterioration[1] to properties or structures is so prevalent, substantial, and lasting for a significant period of time that it impairs the proper utilization of the properties and structures, and the health, safety, and welfare of the surrounding community. For this study, urban decay is only considered a risk factor if the economic impact analysis suggests the potential for prolonged market area vacancies to occur resulting from Project- and cumulative project-related sales impacts.

Retail Market Characteristics

Historically, Pleasanton has maintained a healthy retail market sector, while Dublin has experienced more fluctuations. As of 4th quarter 2015 Pleasanton had an overall retail vacancy rate of 2.3%. This rate comprises a relative low in recent years, since hitting a peak of 6.0% in 4th quarter 2012. Prior to that time period the Pleasanton vacancy rate was as low as 1.4% in 1st quarter 2007, which is an exceedingly low vacancy rate. All of these rates, however, indicate an

[1] The manifestations of urban decay include such visible conditions as plywood-boarded doors and windows, parked trucks and long term unauthorized use of the properties and parking lots, graffiti and other building defacement, dumping of refuse on site, overturned dumpsters, broken parking barriers, broken glass littering the site, dead trees and shrubbery together with weeds, lack of building maintenance, homeless encampments, and unsightly and dilapidated fencing.

extremely healthy and very stable retail base throughout the city. The retail market in Dublin is not as strong as in Pleasanton, but is still operating within healthy parameters. Dublin retail vacancy peaked at 14.7% in the 3rd quarter of 2009, but dropped by 2011 to below 10.0%. Since then, vacancy was lowest in 1st quarter 2015, at 3.9%, which is an extremely low vacancy rate. The vacancy rate as of 4th quarter 2015 was slightly higher at 5.9%, but still relatively low by commercial market standards. These favorable retail vacancy rates in Pleasanton and Dublin bode well for the market area with respect to any potential increases in vacancy attributable to potential Project impacts resulting in store closures.

Retail vacancies in Pleasanton and Dublin are finding new tenants. At least 35 retail leases were executed in Pleasanton over the one-year time frame from approximately mid-January 2015 to mid-January 2016, totaling approximately 72,000 square feet. Comparable figures in Dublin over the same time frame were 44 leases totaling over 140,000 square feet. These lease transactions ranged in size, up to 19,500 square feet. Over a longer period of time the Pleasanton market alone has demonstrated the ability to backfill even larger spaces, including spaces vacated by grocery stores.[2] Field observation indicates that properties that are not immediately backfilled and remain vacant are in generally good condition and do not exhibit signs of urban decay. These factors suggest that retail vacancies that might occur in the Project's market area as a result of Project or cumulative project economic impacts will be well-maintained during any period of vacancy and will not contribute to conditions of urban decay or deterioration.

Urban Decay Conclusion

ALH Economics focused on determining whether or not physical deterioration in existing retail centers and area hotels would likely result from the opening of the Project and other cumulative retail or hotel developments in reaching a conclusion about economic impacts contributing to or leading to urban decay. The conclusion is based on consideration of current market conditions, findings regarding diverted sales, and regulatory controls. Highlights of these findings are as follows:

> ***Current Market Conditions***: The fieldwork and market research indicated that retail market conditions are moderate to very strong in the market area's core commercial areas, with low to moderate retail vacancy rates. Retail leasing activity is strong and existing vacancies are well maintained.
>
> ***Sales and Vacancy Impacts:*** The findings suggest the Project's Phase I development could potentially result in the closure of one grocery store and that at Full Buildout the cumulative project impacts (including the Project) could result in a modest increase in the market area's vacancy rate, as new market area demand will not be sufficient to support all the competitive retail space. While the grocery store closure is deemed unlikely, due to factors such as the anticipated distribution of impacts and the lack of variety and bulk orientation of goods available at club retail stores, even if the modest amount of vacancy occurs, the resulting vacancy rate increment will be nominal, with the resulting vacancy rate well within the range indicative of a healthy retail market. Moreover, the market's demonstrated retail absorption, including backfilling of larger retail spaces, coupled with the strong to

[2] Backfilling refers to re-tenanting of vacant retail spaces.

moderately strong market conditions, suggest that vacancies that might occur as a result of the cumulative project impacts would likely be backfilled within a reasonable time and not be characterized by prolonged vacancy.

Even if some sites experience prolonged vacancy because they might be of a size that experiences less demand or they are located in shopping centers with poor visibility or other undesirable characteristics, the prevailing conditions in the market area suggest that these vacancies would be well-maintained and would not devolve into urban decay or deterioration. Moreover, it should be noted that when tenants vacate prior to lease expiration, they continue to be responsible for rent and their share of building operating expenses, such as the Fresh & Easy example in Exhibit 46. While not all tenants would have the wherewithal to continue these payments, national or regional retailers are more likely to have this capability. This is an important consideration because landlords would continue to receive income on these vacated spaces through committed lease payments, which means they would have available financial resources to continue to maintain their properties.

Regulatory Controls: During Project-related fieldwork conducted in February 2016, ALH Economics found there were little-to-no visible signs of litter, graffiti, weeds, or rubbish associated with existing commercial nodes in the Project's market area. Thus, ALH Economics concludes that existing measures to maintain private commercial property in good condition in Pleasanton and Dublin are generally effective and would serve to help preclude the potential for urban decay and deterioration in the event any existing retailers in the market area close following the operations of the Project and other cumulative retail projects.

Based upon these findings, ALH Economics concludes that the Johnson Drive EDZ Project and the identified cumulative projects would not cause or contribute to urban decay.

Fiscal Impact Analysis

A fiscal impact analysis of the Project was prepared based upon the methodology and assumptions included in a fiscal impact study prepared for the entirety of the Johnson Drive EDZ in February 2015.[3] This study used the City of Pleasanton's Fiscal Year 2014/15 Operating Budget as a key resource. ALH Economics updated some of the factors included in this fiscal impact study pursuant to the more recent Fiscal Year 2015/16 budget as well as operating characteristics specific to the Project included in this analysis, such as taxable sales performance and forecasted sales diversions.

The fiscal impact analysis results indicate that on a worst case basis, assuming that all diverted sales are diverted from Pleasanton retailers (as opposed to retailers outside of Pleasanton), the Project is anticipated to generate a projected $1.4 to $1.7 million annual contribution to the City of Pleasanton's General Fund at the completion of Phase I. This net revenue estimate increases to $2.1 to $2.3 million annually upon Full Buildout. At Full Buildout these net fiscal revenues represent an annual contribution equivalent to approximately 2.1% to 2.3% of the City's General

[3] "Draft Summary – Johnson Drive EDZ Fiscal Impact Analysis, City of Pleasanton," February 5, 2015, Brion & Associates.

Fund expenditures. This analysis does not include any potential City of Pleasanton share of Project-related transportation costs, which will be ultimately determined by the Pleasanton City Council. The expenditure of any such costs will result in a reduction in the Project's estimated annual net fiscal revenues.

The fiscal impact analysis for the entire Johnson Drive EDZ included a lower per square foot sales estimate for the Project's club retail space than projected in this study. This figure was $700 per square foot vs. the $1,152 per square foot figure included in the economic impact analysis. Net fiscal impacts results reflecting this lower per square foot club retail sales performance estimate include a range of $1.1 to $1.4 million at the completion of Phase I and $1.9 to $2.2 million annually upon Full Buildout. Thus, the net fiscal impact results would be equal to approximately 79% to 86% the amount projected with the higher club retail sales performance estimate.

II. INTRODUCTION

STUDY BACKGROUND

The City of Pleasanton proposes to implement a pilot Economic Development Zone ("EDZ", or "Project") within a 40-acre area along Johnson Drive currently developed with office, commercial, institutional, and industrial uses. The EDZ would allow the City of Pleasanton to use zoning and land use designations, incentive programs, completed CEQA documentation, and standards and guidelines to streamline the development process and encourage new investment. ALH Urban & Regional Economics was engaged to examine the net increment of the Project development in addition to "Existing Development", which includes general retail among other uses, such as commercial service, office, industrial, and institutional/religious space, some of which will be phased out gradually from the area over the period of Full Buildout. This net increment includes "Phase I" development, which includes the development of club retail, general retail, and hotel uses, and "Full Buildout" development, which includes Phase I as well as additional general retail.

The Project site is in a commercial area with other nearby commercial establishments, industrial uses, and a hotel (see Exhibit 1 for site location). At Full Buildout the proposed EDZ will include a total of 227,940 square feet of general retail, a 148,000-square-foot club retail store, and either an 88,000-square-foot hotel with 150 rooms (Option 1) or 132,000 square feet of hotel space with 231 rooms (Option 2).[4] At Full Buildout this equates to a cumulative net new 189,037 square feet of general retail, 148,000 square feet of club retail, and either 150 or 231 hotel rooms. The Project's Draft Supplemental Impact Report (Draft SEIR) reflects analysis of a 150-room hotel. However, this study also conservatively analyzes a larger hotel option with 132,000 square feet.

The City of Pleasanton circulated the Draft SEIR for the Project, which tiers from EIRs prepared previously by the City for its General Plan update and Housing Element and Climate Action Plan. Several comments submitted by public stakeholders as well as City of Pleasanton Planning Commission members have requested that the Final SEIR include the results of an analysis of potential economic impacts that would be caused by the Project. In addition, the City requested that a fiscal impact analysis of the Project be completed, consistent to the extent possible with a February 2015 fiscal impact study prepared for the Johnson Drive EDZ in its entirety, which included analysis of several potential development scenarios.

To support this effort and comply with the California Environmental Quality Act ("CEQA"), ALH Urban & Regional Economics ("ALH Economics") was asked to prepare an analysis of the economic effects of the project, including the potential for the Project to cause or contribute to urban decay and to assess the Project's fiscal impact on the City of Pleasanton's General Fund. The decision by the Fifth District Court of Appeal in *Bakersfield Citizens for Local Control v. The City of Bakersfield* indicated that CEQA requires a lead agency to consider and analyze the potential for the introduction of planned retailers to result in adverse physical impacts on the environment by causing a chain reaction of store closures and long-term vacancies, otherwise referred to as a condition of "urban decay." This analysis is not required for all projects subject to CEQA, but only projects where there is the perceived potential for urban decay or deterioration to result. In

[4] Option 2 could include more than one hotel. For the sake of simplifying the presentation and analysis, the balance of the report and analysis refers to this as one hotel option with 231 rooms.

addition, a fiscal impact analysis is not a required component of CEQA. The comment period for the Draft SEIR ended November on 23, 2015.

This study addresses the Bakersfield decision by considering the potential impact of the Project in conjunction with the introduction of other relevant cumulative retail and hotel developments. The key indicator from a CEQA perspective is impacts on the existing physical environment, which in the context of an urban decay analysis includes existing stores and commercial real estate conditions, as measured by the current baseline. The Notice of Preparation (NOP) for the EIR was released in August 2014 and the Draft SEIR was released in September 2015. The market conditions were most recently assessed in February 2016, comprising the study baseline. Other data included in the report were the most recently available at the time of study initiation. For study purposes, Phase I of the Project is anticipated to be completed and fully operational in 2018 and Full Buildout is anticipated to occur by 2028.

STUDY TASKS

ALH Economics engaged in numerous tasks to complete this assignment assessing the prospective economic and fiscal impacts of the Project. These tasks included the following:

- Identified the Project's market area, i.e., the area from which the majority of the Project's consumers are anticipated to originate;
- Developed a definition of the Project, including net incremental square footage estimates by type of space and by Phase;
- Estimated the Project's net retail sales;
- Conducted fieldwork to review the Project's site and evaluate existing market conditions;
- Conducted retail sales leakage analyses for the cities of Pleasanton and Dublin;
- Estimated demand generated by households added to the market area by the time the Project achieves stabilized sales;
- Estimated the Project's economic impacts on existing retailers;
- Identified planned market area retail projects;
- Assessed the cumulative impacts of planned retail projects;
- Assessed the Project's economic impact on the existing hotel market;
- Assessed the extent to which operations of the Project and the cumulative projects may or may not contribute to economic impacts contributing to or leading to urban decay; and
- Estimated the annual net fiscal impact of the Project at the completion of Phase I and full buildout.

The findings pertaining to these tasks are reviewed and summarized in this report, with analytical findings presented in the exhibits in Appendices A and B.

STUDY RESOURCES AND REPORT ORGANIZATION

Study Resources

The economic impact analysis relied upon a number of key resources. These resources are all identified in the sources and notes to the exhibits developed to support the analysis. These resources include the following:

- *Governmental resources.* These sources include representatives from the City of Pleasanton Planning, Economic Development, and Code Enforcement; City of Pleasanton Operating Budget Fiscal Year 2015/16 – FY 2016/16; City of Dublin Planning Department; City of Hayward Community Development Department; City of Huntington Beach Economics Development Department; City of Livermore Economic Development Department; the United States Bureau of Labor Statistics, Consumer Price Index; the U.S. Census, U.S. Economic Census; State of California Board of Equalization; Association of Bay Area Governments (ABAG), "Population & Household Projections 2013"; City of Pleasanton Municipal Code; City of Dublin Municipal Code; and U.S. Bureau of Labor Statistics, Consumer Expenditures Survey.

- *Third party resources.* These sources include Environmental Science Associates; Costco Wholesale Corporation 10-K form and Annual Report for the fiscal year ending August 30, 2015; Walmart Inc. 10-K Form for the fiscal year ending January 31, 2015; Streetlightdata.com; Hinderliter de Llamas (HdL); CB Richard Ellis; CoStar; Nielsen, a national resource for demographic estimates and projections; Retail Maxim, a retail industry performance resource; Tax Policy Center; californiagasprices.com; Smith Travel Research; GoogleMaps; ESRI ArcMap; US Census Tigerline Shapefiles; Yelp; and Brion & Associates. In addition, ALH Economics was asked to reach out to two parties interested in the environmental review process for the Johnson Drive EDZ. These included Carrie Fox of Cox Family Stores, a local chain of gas stations, and Bill Wheeler, Manager of Black Tie Transportation, a transportation provider located in the Johnson Drive EDZ. Both parties declined the opportunity to discuss their concerns with ALH Economics.

All of these resources are identified as warranted in the text and/or the series of exhibits found in Appendices A and B that document the study analysis.

Report Organization

This report includes 10 chapters, as follows:

I. Executive Summary
II. Introduction
III. Project Retail Sales Estimation
IV. Market Area Definition, Share of Project Sales, and Retail Characterization
V. Market Area Demographics and Retail Spending Potential
VI. Project Sales Impact Analysis
VII. Cumulative Project Impacts
VIII. Hotel Impact Analysis
IX. CEQA Urban Decay Determination
X. Fiscal Impact Analysis

This report is subject to the appended Assumptions and General Limiting Conditions.

III. PROJECT RETAIL SALES ESTIMATION

A description of the planned EDZ Project and ALH Economics' estimates of the retail sales generated by the Project are presented below. This includes sales generated by retail category. This estimate is necessary to facilitate analysis of the Project's economic, urban decay, and fiscal impacts.

PROJECT DESCRIPTION

This analysis evaluates the proposed incremental retail and hotel development of the EDZ Project. The focus in this chapter includes the anticipated retail sales generated by the Project. The Project components include new general retail and club retail development in addition to a small amount of existing retail development. The full development program is presented in Exhibit 2, and summarized below in Table 2.

In summary, the development program includes 375,940 square feet of retail space upon full buildout. Of this, 38,903 square feet currently exist. Thus, the net square footage includes 5,000 square feet of general retail space and the 148,000-square-foot club retail space in Phase I. The incremental amount of retail space anticipated to be further developed by buildout, which is anticipated by 2028, is another 184,037 square feet of general retail space.

Table 2. Summary Project Square Feet and Hotel Rooms

	Development Characteristics			Incremental Development		
Development	Existing	Phase I	Full Buildout	Phase I	Full Buildout	Total
Retail						
General Retail	38,903	43,903	227,940	5,000	184,037	189,037
Club Retail	0	148,000	148,000	148,000	0	148,000
	38,903	**191,903**	**375,940**	**153,000**	**184,037**	**337,037**
Hotel Option 1	0	150 rooms	150 rooms	150 rooms	0	150 rooms
Hotel Option 2	0	231 rooms	231 rooms	231 rooms	0	231 rooms

Source: Exhibit 2.

Thus, as noted in Table 2, the total amount of net new retail space upon buildout will include 189,037 square feet of general retail space and 148,000 square feet of club retail space, totaling 337,037 square feet of net additional retail space. Hereafter, all reference to retail space planned for the Project includes this net increment of retail space.

PROJECTED SALES

Retail Categories

There will be several retail sales components associated with the Project. These include general retail space and club retail space. Given anticipated Project phasing, the first new Project sales are anticipated to occur in 2018, with the balance of sales anticipated to occur by 2028. The sales for the general retail and club retail space will differ dramatically, given the difference in

market orientation, with club retailers typically oriented toward bulk sales and/or discounted pricing with a no frills shopping setting.

ALH Economics engaged in an estimation procedure for both types of retail space to develop assumptions regarding space allocation by type of retail good and then sales by type of retail good. The approaches were different for the different types of retail space but the goal for both was to develop sales estimates for the retail categories consistent with the retail categories defined by the State of California Board of Equalization (BOE), which publishes taxable retail sales figures for cities and counties. To maximize the use of these data, the analysis is benchmarked to the BOE retail categories and the related sales figures reported in its *Taxable Sales in California* publication (with some adjustments, as noted in the Retail Sales Base Characterization chapter.) These categories, as typically reported for cities, are listed below, including examples of representative retail goods by category.[5]

- Motor Vehicles & Parts (new and used auto sales, auto parts and tires);
- Home Furnishings & Appliances (furniture, electronics, home appliances, linens, bed and bath supplies);
- Building Materials & Garden Equipment (hardware stores, home improvement stores, nurseries);
- Food & Beverage Stores (grocery stores, convenience stores, liquor stores);
- Gasoline Sales (gas stations);
- Clothing & Clothing Accessories Stores (apparel, boutiques, shoes, western wear, purses);
- General Merchandise Stores (department stores and dollar stores);
- Food Services & Drinking Places (restaurants and bars); and
- Other Retail Stores (a wide range of retailers, such as pet supplies, office supplies, drug store sales, sporting goods, jewelry, florists, and gifts).

Notably, these retail sales categories do not include some services that typically occupy commercial retail space, including personal and business services such as hair and nail salons, postal services, and banks and insurance companies.

The BOE records a retailer's sales in only one sales category. For example, the actual sales for a club retailer are reported by the BOE under the General Merchandise classification. For purposes of this study, however, the impact of the Project's club retail space is more appropriately analyzed across several retail categories since the new retail space will likely compete with a range of retailers, not just general merchandise retailers.

The approach to estimating the share of Project sales by category and associated sales follows.

Club Retail Space by Retail Category and Total Sales

The operator for the Project's club retail space has not been identified. The universe of club retailers is relatively limited, primarily including Costco and Sam's Club. Consequently, ALH Economics researched performance data for both retailers to develop estimates of the Project's club retail sales by retail category. This included obtaining information about typical store sales by the categories defined by each retailer, allocating and translating these sales into BOE

[5] The category list is based on the 2013 *Taxable Sales in California* report (Table 5), which was the most recent full year of reported data provided by the BOE at the time of this study.

categories, developing a study assumption regarding sales distribution by BOE category, developing a store sales per square foot estimate, and allocating the resulting store sales estimate across the retail categories.

The process of store sales space allocation is documented in Exhibits 3 through 5. Exhibit 3 includes analysis regarding the percentage distribution of sales by BOE retail category. This is based upon information included in investor documents on file with the United States Securities and Exchange Commission and assumptions developed by ALH Economics based upon site visits and knowledge of Costco stores. Exhibit 4 includes comparable estimates for Sam's Club, based upon similar sources. Exhibit 5 then averages the resulting percentage distributions for the two club retailers to develop a study assumption regarding the distribution of club retail sales. ALH Economics then translated these percentage distributions into estimated space allocations for the Project's club retailer, also shown in Exhibit 5. The result indicates that the largest allocation of space is anticipated to comprise Food & Beverage sales space, with 51.5% of the total store space. The next largest category is the Other Retail category, at 11.9%. All other categories are assumed to comprise sales shares less than 10.0%.

To estimate the Project's club retail sales ALH Economics examined sales performance at the same two club retailers – Costco and Sam's Club. The sales performance analysis for Costco is presented in Exhibit 6 while the sales performance analysis for Sam's Club is presented in Exhibit 7. The results indicate estimated 2015 sales per square foot performance of $1,152 per square foot for Costco and $671 for Sam's Club. At these sales rates, the club retail total sales would be $170.4 million using the Costco sales performance and distribution information and $99.3 million using the Sam's Club sales performance and distribution information (see Exhibits 6 and 7, respectively).

The sales assumption for the club retail space is an important assumption for the economic impact analysis. This assumption determines the total sales estimate, which in turn impacts the degree to which the club retail component could, in combination with the general retail space, result in prospective sales impacts on existing retailers. The larger the club retail sales figure the greater the potential for sales impacts. The opposite is of course true, which is that the lower the club retail sales figure the less potential for sales impacts.

For analytical purposes ALH Economics assumes the Project's club retail space will perform at the sales level comparable to Costco. The implications of this assumption are discussed below, in the **Total Project Sales** section.

General Retail Space by Retail Category

There are no specific retailers currently identified to comprise the Project's general retail component. ALH Economics therefore prepared generic assumptions to shape the analysis. The most significant assumption is the allocation of the Project's general merchandise space by type of retail category (see Exhibit 8). This assumption is equal allocations of space by retail category with several exceptions. One exception is an allocation of no retail space to the Food & Beverage store and Gasoline sales categories. This is attributable to the expectation that the club retail space will include both these sales categories, such that demand by other food and gasoline retailers would be limited in the balance of the Project. The other exception is that the Other Retail category was ascribed a double weight of space, i.e., twice as much space as any of the other categories. This is attributable to the wide range of retailers represented by the Other Retail category, such as office supply stores, pet supply stores, book stores, and gift

shops. The result is building blocks of 12.5% or 25% of the total Project space, reflecting the incorporation of seven retail categories and double-weighting of the Other Retail category.

The resulting allocations of general retail space by type of retail were adjusted for a stabilized vacancy rate. This is due to the expectation that retail sales will be generated by occupied retail space and not vacant retail space. Because retail vacancy tends to be low in Pleasanton, the stabilized vacancy rate included in this analysis is 5%. Thus, the general retail space sales estimate is based on an occupied square footage of 4,750 square feet for Phase I, an incremental 174,835 square feet by Project buildout, and a total of 179,585 square feet for the entire Project.

Project Sales

The Project's estimated retail sales are presented in Exhibit 9. This includes estimates for the general retail space and the club retail space. For the general retail space sales per square foot estimates were developed based upon national averages associated with the assumed retail categories. These sales figures are based upon analysis of trend data presented by Retail Maxim, a retail industry performance resource. Retail Maxim, prepares an annual publication that culls reports for numerous retailers and publishes their annual retail sales on a per square foot basis. This type of information for a range of retailers or type of retailers is presented in Exhibit B-1 annually from 2010 through 2013. The figures are then averaged and presented in inflated 2015 dollars as a generalized estimate of sales per square foot for key retail categories. The resulting sales per square foot range from a low of $297 per square foot for General Merchandise stores to a high of $643 per square foot for Food and Beverage Stores (e.g., grocery stores). The total club retail store sales estimate is also presented in Exhibit 9. This sales figure is based upon the $1,152 per square foot store sales estimate pursuant to analysis of national average Costco performance. As noted earlier, application of this high sales rate is the most conservative approach to estimating club retail store sales given that the higher the store sales figure the greater the potential for store impacts.

The results of the Project's total sales estimates are presented in Exhibit 9 and summarized below in Table 3. This indicates that total Project sales will comprise $172.6 million in Phase I, an additional $69.0 million for the subsequent increment of space to buildout, with a grand total of $241.3 million. The allocation of total sales is approximately 30% generated by the general retail space and 70% generated by the club retail space.

Table 3. Summary of Total Project Sales

Retail Category	Phase I	Increment to Buildout	Total
General Retail	$1,873,558	$68,960,801	$70,834,359
Club Retail	$170,441,418	$0	$170,441,418
Total	**$172,314,976**	**$68,960,801**	**$241,275,777**

Source: Exhibit 9.

While these sales estimates pertain to the total project sales, not all the estimated club retail store sales will be competitive with existing retail operations. This is because club retail membership at stores such as Costco includes business and household members. Some business members include businesses that purchase items wholesale from a club retailer, and then resell the items as part of their business operations. Businesses with resale licenses do not

pay sales tax on the purchased items. Thus, sales made under these circumstances are not considered taxable retail sales. As such, these sales are not competitive with the existing retail base, the size of which is estimated based upon taxable retail sales reported by the State of California Board of Equalization (see Chapter VI).

Using Costco as a study resource, nationally 24% of paid Costco memberships in 2015 were Business or Business add-on memberships.[6] However, Costco provides paid memberships with one free household card. Thus, business and business add-on cards comprised 13% of all cardholders.[7] Costco materials indicate that many business members also shop at Costco for their personal needs, but these materials do not indicate the share of total business member purchases that are personal.

To minimize risk of overstatement, ALH Economics assumes that based on the preceding information, 13% of Costco members are business members. Not all business purchases will entail the resale of merchandise, as many businesses purchase goods from club retailers for other purposes, such as cleaning supplies, snacks, office supplies, etc. However, ALH Economics further assumes that business members making tax exempt purchases (and other purchases for resale, including food sales that are tax exempt for all consumers) spend twice as much as other business cardholders do to their purchase of inventory/merchandise for later resale. Therefore, using the Costco data as a source, the analysis assumes that 13% of the Project's club retail sales will be to wholesale customers, i.e., customers whose typical purchases are not reported as retail purchases, and 87% will be to household and business customers that qualify to pay sales tax on taxable items. The exception is gasoline sales, all of which are allocated to retail consumers as all of these sales are assumed to be taxed and not subject to resale.

Based upon the assumption split between retail consumers and wholesale consumers, the portion of Project club sales attributable to retail consumers is presented in Exhibit 10. These sales figures are summarized below in Table 4, and include $152.3 million for Phase I, an additional $69.0 million increment to buildout, and an overall total of $230.4 million.

Table 4. Summary of Project Sales Generated by Retail Consumers

Retail Category	Phase I	Increment to Buildout	Total
General Retail	$1,873,558	$68,960,801	70,834,359
Club Retail	$150,167,946	$0	150,167,946
Total	**$152,041,504**	**$68,960,801**	**$221,002,305**

Source: Exhibit 10.

The distribution of these sales by retail category is presented in Exhibit 9 for general retail and Exhibit 10 for club retail. These figures are consolidated in Table 5 below for both retail components.

[6] See "Annual Report 2015, Costco Wholesale, Fiscal Year Ended August 30 2015," pages 8 and 9/

[7] Ibid.

Table 5. Project Sales Made to Retail Consumers by Retail Category

Retail Category	Phase 1	Increment to Buildout	Total	Percent of Total
Motor Vehicles and Parts Dealers	$7,485,062	$0	$7,485,062	3%
Home Furnishings and Appliance Stores	$10,715,038	$7,048,093	$17,763,130	8%
Building Materials and Garden Equip.	$6,477,329	$6,552,455	$13,029,784	6%
Food and Beverage Stores	$76,369,862	$0	$76,369,862	35%
Gasoline Stations	$14,947,712	$0	$14,947,712	7%
Clothing and Clothing Accessories Stores	$5,274,272	$16,826,611	$22,100,883	10%
General Merchandise Stores	$11,700,451	$6,493,576	$18,194,028	8%
Food Services and Drinking Places	$953,937	$13,289,717	$14,243,654	6%
Other Retail Group	$18,117,840	$18,750,349	$36,868,189	17%
Total	**$152,041,504**	**$68,960,801**	**$221,002,305**	**100%**

Source: Exhibit 9.

Table 5 includes a summary of the estimated percent distribution of Project sales generated by retail consumers by retail category. This indicates that upon full completion of the Project, Food & Beverage Store sales are anticipated to comprise the largest share of sales, at 35%. This is due to the expectation that more than 50% of club retail store sales typically comprise food and beverage sales. The next largest category is the Other Retail category at 17%, which as described earlier includes a wide range of retail goods, such as office supplies, pet supplies, books, gifts, and jewelry. This is followed by Clothing & Clothing Accessories at 10%. All other retail categories range from an estimated 3% to 8% of the total retail sales anticipated to be generated by retail consumers.

IV. MARKET AREA DEFINITION, SHARE OF PROJECT SALES, AND RETAIL CHARACTERIZATION

This report chapter discusses the approach to estimating the Project's market area, which is the area from which the majority of shoppers are anticipated to originate. This chapter describes the market area and characterizes the area's existing retail inventory

PROJECT MARKET AREA DEFINITION

Approach to Defining Market Area

The Project's market area definition for consumer retail sales is based on the principle that most consumers will travel to the shopping destination most convenient to their homes given the type of goods available. A market area is the geographic area from which the majority of a retail shopping center's demand is anticipated to originate. Several tasks were completed to identify the Project's market area, foremost of which included mapping the location of the Project relative to other club retail and shopping centers, including existing or planned stores, and taking into consideration comparative travel time and the size and composition of the retail base in the market area.

Market Area Conceptual Description

In developing a market area, ALH Economics strives to identify the area from which the majority of demand for a shopping center will originate, typically at least 70%, based upon the following industry resources.

Materials published by major industry organizations indicate that a retail store's trade area generally supplies 70% to 90% of the store's sales, while the remaining 10% to 30% of sales are attributed to consumers residing outside of the store's market area. In its Shopping Center Development Handbook, Third Edition, the Urban Land Institute (ULI) states the following:

> "A site generally has a primary and a secondary trade area, and it might have a tertiary area. The primary trade area should generally supply 70 to 80 percent of the sales generated by the site. These boundaries are set by geographical and psychological obstacles."[8]

ULI is a nonprofit research and education organization representing the entire spectrum of land use and real estate development disciplines. Among real estate, retail, and economic development professionals, this organization is considered a preeminent educational forum.

Information published by the International Council of Shopping Centers (ICSC), a trade association for the shopping center industry, also provides instructional information about market area definitions. In the recent publication Developing Successful Retail in Secondary & Rural Markets, the ICSC says:

[8] Shopping Center Development Handbook, Third Edition, Urban Land Institute, 1999, page 44.

> "A trade area is the geographic market that you will be offering to potential retailers as a consumer market. … Defining a retail trade area is an art and a science. In general, a trade area should reflect the geography from which 75-90 percent of retail sales are generated. Different stores can have different trade areas based on their individual drawing power and the competitive market context."[9]

In summary, these industry resources suggest that a retail project's trade area, or market area, typically is defined as the geographic area from which at least 70% of demand is anticipated to originate. However, depending upon the nature of the retail, the share of sales originating from the geographic area deemed most consistent with a market area can be less, as discussed below.

Market Area for Johnson Drive EDZ Project

ALH Economics conducted research to develop an estimate of the retail consumer market area for the Project, i.e., the area from which the majority of shoppers will originate. This market area took into consideration the location of other retail nodes where consumers can shop, including nodes with other club retail stores, as club retail will be a large portion of the Johnson Drive EDZ Project. The locations of similar club retail stores such as Costco and Sam's Club were taken into consideration (though there are no Sam's Club locations in the area, with the closest one 25 miles north in the City of Concord). For market area definition purposes, ALH Economics assumes that households that live closer to any other club retail store will shop there and not shop at the club retail in the Johnson Drive EDZ. However, locations closer to the Johnson Drive EDZ are assumed to comprise areas included in the Johnson Drive EDZ's market area.

To identify these closer areas ALH Economics selected several geographic locations and calculated their travel time and distance between Johnson Drive EDZ and the next nearest club retail store as well as noting both natural and man-made boundaries, area topography, and freeway access. This mapping was achieved using the Google Maps functionality. Thus, the general boundary of the Project's market area was determined based upon this mapping analysis. ALH Economics then superimposed census tract boundaries over the general boundary to identify the census tracts that would best comprise the market area for the Project. An advantage of using census tracts is that the market area definition is easily defined, easily replicable, and key demographic estimates and projections can often be readily available in this format.

Estimated drive times from household locations within each census tract were analyzed to determine which club retail stores were closer. This resulted in the identification of 18 full census tracts and three partial census tracts spanning the City of Pleasanton, the majority of the City of Dublin, and some unincorporated Alameda County areas. The three partial census tracts were modified to better define the market area as they included areas that were not reasonable to be included in the Project's market area. This is because they were either very large and included areas that are too far to be considered as part of the Project's market area, including areas hindered by natural boundaries or that have little-to-no population. These three partial census tracts are Census Tract 4506.01, 4507.01, and 4507.45. For Census Tract 4506.01, which is large and includes portions of the City of Pleasanton, Sunol Census Designated Place (CDP),

[9] Developing Successful Retail in Secondary & Rural Markets, International Council of Shopping Centers in cooperation with National Association of Counties, 2007, page 7.

and unincorporated Alameda County, ALH Economics modified the portion of this census tract for inclusion in the Project market area to follow along the geographical boundary for the City of Pleasanton down to where it meets Interstate 680. This adjustment removes areas of little-to-no population and areas that are bounded by natural boundaries such as Pleasanton Ridge Regional Park. For Census Tract 4507.01, a large census tract that also includes portions of the City of Pleasanton, Sunol CDP, and Unincorporated Alameda county, ALH Economics modified this census tract for the Project market area to follow along the northern portion of State Route 84 to where it meets Interstate 680 to remove areas too far to be deemed reasonable for the market area, as well as areas of little-to-no population. For Census Tract 4507.45, a medium-sized census tract, which includes portions of the City of Pleasanton and Unincorporated Alameda County, ALH Economics modified this census tract for the Project market area to follow along the eastern geographical boundary of the City of Pleasanton to remove the bodies of water in the unincorporated area from the market area where there is no population.

The resulting market area is presented in Exhibit 11, and includes the locations of key club retail stores considered in defining the market area.

MARKET AREA SUPPORT OF PROJECT SALES

For the purpose of this study, ALH Economics developed an estimate of the percentage of Project retail consumer sales from market area resident spending. This estimate is based on considering the geographic size of the market area, the Project size and tenant orientation, population density of the area, amount of existing retail in the market area, and Project proximity to major thoroughfares, including Interstates 680 and 580 and State Route 84. In addition, ALH Economics obtained data from streetlightdata.com to identify home locations of customers shopping at the Danville and Livermore Costco locations, as representative club retail shopping. These data provide an assessment of the home location of origin by zip code for shoppers with a smart electronic device traveling to these stores during calendar year 2013, which comprises the most recent time period for which these data are available. The home location is determined based upon the location where the device is observed to spend the greatest amount of time. While these data do not pertain to all store shoppers, for the sake of analysis ALH Economics assumes they are representative of all shoppers, and thus provide information on the market area definition of stores as well as store demand by geography.

Area Costco Market Areas and Project Club Retail Recaptured Sales

The streetlight.com data for the Danville Costco store are presented in Exhibit 12. These findings are also presented visually in Exhibit 13, which shows the density of demand for the store by zip code and the geographic dispersion of the store's market area. As these data indicate, demand for the Danville Costco store is strongest in the three zip codes that surround the store location. However, yet additional demand is generated from other zip codes radiating out from the store location, including zip codes located in the Project's market area. Based on the mapped zip code findings, ALH Economics believes the most appropriate market area definition for the Danville Costco store comprises the 8 zip codes above the dotted line on Exhibit 12, which includes all zip codes generating more than 1.7% of demand for the store. This includes the zip codes depicted on the map extending from Alamo south through Pleasanton, and east to include zip code 94588 but not Livermore's zip code 94550. These 8 zip codes are estimated to provide 58.6% of the store's shoppers. This includes repeat shoppers, as each shopper visit is counted separately.

The Danville Costco store information indicates that Costco market areas appear to obtain a high level of demand from shoppers dispersed over a wide area, likely associated with other shopping trips, travel, workday trips, etc. Thus, Costco stores appear to derive less than the typical amount of demand from a logically defined market area. This has bearing on the percent of demand the Project is estimated to derive from its market area. In addition, the Danville Costco store customer data indicate that the Danville store obtains significant demand from the zip codes that correspond with much of the Project's market area. These zip codes include 94568, 94588, and 94566. As noted in Exhibit 12, these three zip codes provide a collective total of 8.0% of shoppers for the Danville Costco store. Assuming that all shoppers spend equally, this suggests that 8.0% of the Danville Costco store sales are generated from the Project's market area. ALH Economics assumes that when the Project's club retail store is opened, these sales will be diverted from the Danville Costco store and comprise recaptured sales at the Project's club retail store. Thus, these sales that are already being made by market area retail consumers will comprise a base amount of sales for the Project's club retail space, generated by existing market area consumers.

Exhibit 14 presents shopper zip code of origin data for the Livermore Costco store. This exhibit demonstrates that the Livermore Costco store market area is even more diffuse than the Danville store, with 45.9% of store shoppers originating from zip codes comprising 1.7% or more of shoppers. This store additionally captures shoppers from further away, such as the Modesto and Stockton areas, which are over 40 and 50 miles away from the Livermore Costco store, respectively. ALH Economics believes this more dispersed shopper origin is influenced by the location of the large-scale Premium Outlets in Livermore, which has a wide geographic draw. Because of this wide dispersal ALH Economics did not prepare a representative map of the Livermore Costco market area. However, the information presented in Exhibit 13 indicates that 14.1% of the Livermore Costco store shoppers originate from the three zip codes that best correspond with the Project's market area. Thus, by extension, this suggests that 14.1% of the Livermore Costco store demand is generated by the Project's market area.

As with the Danville Costco store, ALH Economics assumes that when the Project's club retail store is opened, the market area sales captured by the Livermore Costco store will be diverted to the Project's store and comprise recaptured sales at the Project's club retail store. However, ALH Economics attributes greater weight to these recaptured sales than represented by the 14.1% share of demand. This is attributable to the assumed high retail sales achieved by the Livermore Costco store. Information obtained by ALH Economics regarding this store suggests that its performance exceeds national averages, with total store sales significantly greater than projected for the Project's club retail store, likely in the direction of 50% higher than projected for the Project. Thus, Project market area sales contribution of 14.1% to this store will comprise a greater percentage share of sales for the Project's club retail store. Applying a 50% higher factor results in an estimate of approximately 21% of Project club retail sales generated by market area shoppers already shopping at area club retail stores. Combining this figure with the 8% derived from the Danville store (assuming the Danville store performs on par with the Project store projection) results in an assumption that approximately 30% of Project club retail sales will comprise recaptured demand from existing market area consumers. This finding suggests that market area shoppers who want to shop at a club retail store are already doing so. Thus, these shoppers are unlikely to change their shopping habits other than to redirect their club retail shopping closer to home, at the Project's club retail component.

Notably, recaptured sales from existing club retail stores is an expected phenomena among club retailers. For example, in the company's 2015 10-K on file with the Securities and

Exchange Commission Costco states: "A new warehouse may draw members away from our existing warehouses and adversely affect comparable warehouse sales performance and member traffic at those existing warehouses."[10] This supports the assumption that a portion of Project club retail sales will be recaptured sales from existing club retail stores.

Share of Project Sales Generated by Market Area

Based on the preceding information, ALH Economics developed two different assumptions for the share of Project retail sales generated by market area residents. One assumption pertains to the Project's general retail space while the other pertains to the club retail space. The general retail space is anticipated to be relatively traditional retail space, with competitive opportunities located nearby and in other Tri-Valley communities. Thus, ALH Economics assumes that 80% of the demand for this space will be generated from the defined market area. Consumers living outside this market area are assumed to have similar nearby shopping opportunities, and be less likely to travel to patronize the Project's general retail space. This could be a conservative figure given that the Project's club retail space is anticipated to have a greater draw (see below), but this is a reasonable figure to assume based upon the preceding review of industry standards and the amount of retail in communities neighboring Pleasant and Dublin, which comprise the bulk of the Project's market area.

For the club retail space, however, ALH Economics assumes a smaller percentage of demand will originate from the market area. This is largely based on the findings pertinent to the Danville and Livermore Costco stores. These two stores have widely dispersed areas from which shoppers originate, with primary market areas that seemingly generate 58.6% and 44.4% of demand. Based on this finding, ALH Economics assumes that market area retail consumers will account for 60% of sales at the Project's club retail space.

Market Area Sales Generated by Market Area Consumers

Exhibit 15 presents the Project-based retail sales that comprise the core of the economic impact analysis. These are the sales that are anticipated to be generated by market area retail consumers, and which comprise sales that could be diverted from other market area retailers if sufficient new demand is not generated to support the sales. This takes in to account the earlier assumption that select sales will be wholesale in nature, and thus not competitive with the market area's traditional retail base, plus the recaptured sales from existing area club retail stores and the share of sales generated by market area consumers.

The competitive market area sales are presented in Exhibit 15 by type of retail, i.e., general retail and retail, and by development status, i.e., Phase 1, Increment to Buildout, and at Full Buildout. The total sales are summarized below in Table 6.

[10] United States Securities and Exchange Commission, Costco Wholesale Corporation 10-K form for the fiscal year ending August 30, 2015, page 8.

Table 6. Summary of New Project Sales Generated by Market Area Retail Consumers

Retail Category	Phase I	Increment to Buildout	Total
General Retail	$1,498,846	$55,168,640	$56,667,487
Club Retail	$63,070,537	$0	$63,070,537
Total	**$64,569,384**	**$55,168,640**	**$119,738,024**

Source: Exhibit 15.

This table indicates that the Project's competitive sales are estimated to total $64.6 million for Phase I, an incremental $55.2 million to buildout, and a total of $119.7 million upon Full Buildout.

The estimated distribution of sales by type of retail varies by retail component. The general retail sales allocation by retail category is summarized in Table 7 while the club retail space sales allocation by retail category is summarized in Table 8.

As noted below in Table 7, there are three retail categories where general retail sales are anticipated to exceed $10.0 million at Full Buildout. These include Other Retail, Clothing, and Food Services (e.g., restaurants).

Table 7. Project General Retail Sales Generated by Market Area Retail Consumers

Retail Category	Phase 1	Increment to Buildout	Total	Percent of Total
Motor Vehicles and Parts Dealers	$0	$0	$0	0%
Home Furnishings and Appliance Stores	$153,189	$5,638,474	$5,791,663	10%
Building Materials and Garden Equip.	$142,416	$5,241,964	$5,384,380	10%
Food and Beverage Stores	$0	$0	$0	0%
Gasoline Stations	$0	$0	$0	0%
Clothing and Clothing Accessories Stores	$365,722	$13,461,289	$13,827,011	24%
General Merchandise Stores	$141,136	$5,194,861	$5,335,998	9%
Food Services and Drinking Places	$288,849	$10,631,773	$10,920,622	19%
Other Retail Group	$407,534	$15,000,279	$15,407,814	27%
Total	**$1,498,846**	**$55,168,640**	**$56,667,487**	**100%**

Source: Exhibit 15.

The sales distribution is different for the club retail space, with the majority of sales anticipated to comprise food store sales. These sales are anticipated to comprise $32.1 million generated by market area residents not already making food purchases at other area club retail stores, as these diverted sales are not included in the figures cited in Table 8. All other categories are anticipated to comprise less than $7.5 million in sales generated by market area retail consumers.

Table 8. Project Club Retail Sales Generated by Market Area Retail Consumers

Retail Category	Phase 1	Increment to Buildout	Total	Percent of Total
Motor Vehicles and Parts Dealers	$3,143,726	$0	$3,143,726	5%
Home Furnishings and Appliance Stores	$4,419,892	$0	$4,419,892	7%
Building Materials and Garden Equip.	$2,645,710	$0	$2,645,710	4%
Food and Beverage Stores	$32,075,342	$0	$32,075,342	51%
Gasoline Stations	$6,278,039	$0	$6,278,039	10%
Clothing and Clothing Accessories Stores	$2,023,190	$0	$2,023,190	3%
General Merchandise Stores	$4,840,093	$0	$4,840,093	8%
Food Services and Drinking Places	$249,008	$0	$249,008	0%
Other Retail Group	$7,395,537	$0	$7,395,537	12%
Total	**$63,070,537**	**$0**	**$63,070,537**	**100%**

Source: Exhibit 15.

MARKET AREA RETAIL ORIENTATION

The Project will be located in a market area currently characterized by a large and healthy retail sector characterized by low retail vacancy rates. Thus the Project's club retail and general retail space will comprise a modest addition to an already large and varied retail base, which includes a range of big box, discount, traditional, and specialty retailers, many of which have regional draw.

The market area comprises desirable residential communities and offers unique regional amenities, including the Alameda County Fairgrounds and Pleasanton Ridge Regional Park, and is home to a strong office sector, including various business parks, such as Hacienda Business Park. Many companies are based out of Pleasanton, such as Workday, Veeva, and Ellie Mae. In addition, close proximity to Interstates 580 and 680 and BART make the market area attractive for Bay Area connectivity.

There are numerous retail shopping districts and shopping centers in the market area. Key shopping centers and districts are listed in Exhibit 16 and mapped for locational reference purposes in Exhibit 17, including locations relative to the Project site. In the discussion below, reference numbers for each cited shopping area are presented in parentheses following the area/center name, with the numbers matching ones referenced in Exhibits 16 and 17.

The largest retail option in the Project's market area is Stoneridge Mall (#5). With approximately 1.3 million square feet this regional mall includes many national big box and smaller retail chain options. Adjacent to the mall is JC Penney Plaza (#2), an older center with medium-sized chain stores such as Office Max and Cost Plus. Beyond this mall area, Pleasanton offers several small retail corridors with groupings of two or three shopping centers, mostly older neighborhood-serving centers that are well maintained. These areas include:

- Along the Hopyard Road corridor near Stoneridge Drive is a mix of service and retail at Gateway Square (#3) and the Crossroads Shopping Center (#4);
- Also along the Hopyard Road corridor near Valley Avenue is Gene's Fine Food/Rite Aid center (#8) and the upscale Hopyard Village (#9);
- In south Pleasanton on Bernal Avenue near Valley Avenue are Bernal Plaza (#29) and Pleasanton Gateway (#30), a newer retail center, which appears at the heart of newer multifamily development;

- Along the Santa Rita Road corridor near Valley Avenue are the small neighborhood-serving retail centers of Mission Plaza (#26), Amador Center (#27), and Valley Plaza (#28), which are mostly older, but well maintained with low vacancy; and
- Also along the Santa Rita Road corridor near Las Positas Boulevard are the small, neighborhood-serving retail centers of Santa Rita Square (#16) and Meadow Plaza (#17).

The southernmost part of the market area includes Downtown Pleasanton and select neighborhood-serving shopping centers. Downtown Pleasanton (#31) is a very pedestrian-oriented shopping district, with restaurants, boutique apparel stores, specialty stores, and hotels. Examples of specialty stores include western apparel, jewelry (new and repair), bakeries, floral-based gift shops, and home goods. Downtown Pleasanton largely comprises an approximate 7-block long area along Main Street, but with additional retailers located on adjoining streets. It is also adjacent to Pleasanton's Civic Center. This area is organized into the Pleasanton Downtown Association (PDA), which operates as an assessment district with the goal of developing and promoting a vibrant downtown community. Fieldwork observation suggests the PDA achieves this goal, with a unique mix of retailers, strong pedestrian shopper activity, and a friendly atmosphere, such as welcoming dogs into many of the small shops. There are currently several small shop vacancies in Downtown Pleasanton, but most already have new tenants in progress. For example, another coffee shop will be backfilling the former Tully's space and across the street a women's clothing store is being replaced by a women's shoe store.[11] Another example includes Tara's Organic Ice Cream, which left in December 2015, with the property owner negotiating a lease with an undisclosed new tenant. The speedy rate at which these Downtown Pleasanton retail vacancies are backfilled is a testament to the vibrancy of Downtown as an important Pleasanton shopping district.

Pleasanton's Pleasant Plaza (#34) is located near Downtown Pleasanton and a residential area. This small neighborhood-serving shopping center includes Cole's Market (a convenience store), Bob's Burgers, and non-retail services such as a barber and nail salon. Also in southern Pleasanton, Oak Hills Shopping Center (#36) is located adjacent to residential neighborhoods, This is a larger neighborhood-serving shopping center anchored by Raley's. Southern Pleasanton also features Vintage Hills Shopping Center (#37), which is a small neighborhood-oriented shopping center with a relatively new market, New Leaf Market, and a fitness center, Montessori school, jewelry store, frozen yogurt, and other neighborhood-oriented tenants.

A very large regional-serving retail node that straddles the Interstate 580 corridor includes retail in both the cities of Pleasanton and Dublin. To the south of Interstate 580, in Pleasanton, is an older retail node comprising Metro 580 (#7), Rose Pavilion (#24), and Pimloco Plaza (#25), which include stores such as Walmart, Kohl's, Party City, Macy's Furniture, Ranch 99, Dollar Tree, and Trader Joe's. Within the Dublin portion of this corridor there is newer retail stock which includes Persimmon Place (#10), Hacienda Crossings (#21), Dublin Corners (#23), and Shops at Waterford (#33), all within the Project's market area and Grafton Station (#32) and Fallon Gateway (#35), which both lie outside the Project market area. This Dublin section of the corridor includes stores such as Whole Foods, Nordstrom Rack, HomeGoods, TJ Maxx, Bed, Bath, & Beyond, Best Buy, Safeway, Lowe's, Target, and Dick's Sporting Goods.

[11] Backfilling refers to re-tenanting of vacant retail spaces

In Dublin, to the north across Interstate 580 from Stoneridge Mall, there is a large retail node along Dublin Boulevard, San Ramon Road, Amador Valley Boulevard, and Amador Valley Plaza. This node includes Dublin Place (#14), Dublin Plaza Center (#13), Dublin Center (#12), Almond Plaza (#11), Lamps Plus Plaza (#15), Shamrock Village (#18), Amador Plaza (#20), and a Safeway-anchored center (#21). These eight shopping centers include stores such as Target, Hobby Lobby, DSW Shoes, Michael's, OSH, Ross, Marshall's, Sprouts, Jo-Ann's Fabrics, REI, Dollar Tree, 99 Ranch, Sports Authority, and Safeway. This area of Dublin, near Interstate 680 and Dublin Boulevard, also includes Valley Center Shopping Center (#19), a small strip center with tenants such as restaurants, a nail salon, and a laundromat.

The market area also features shopping centers located adjacent to residential or office space but no other retail offerings. In Pleasanton these include Pleasanton Square Shopping Center (#1) located in northern Pleasanton near office space in Pleasanton and includes tenants such as Home Depot, Smart & Final Extra, Tap Plastics, and BevMo!. Val Vista Center (#6) is a Lucky-anchored neighborhood-serving shopping center located within a residential area.

As noted during February 2016 fieldwork, market area retail vacancies were actively being marketed and there was a lack of large big box type of vacancies, the exception being Rose Pavilion (#24) in Pleasanton, which contains a former Ethan Allen (recently moved to the brand new Persimmon Place in Dublin), a former Fresh & Easy, and a vacant CVS, which built a brand new store within the newer portion of the same shopping center.

Typical signs of urban decay include graffiti, trash, boarded windows, none of which are prevalent in Pleasanton and Dublin. As in any retail market, there will be vacancies and some chronic vacancies, particularly when new retail is constructed and some retailers prefer newer retail stock in updated developments as seen in the new CVS in Rose Pavilion and the relocation of Ethan Allen from Rose Pavilion to Persimmon Place. Pursuant to fieldwork observation, indicators of urban decay such as graffiti, boarded windows, and trash in parking lots were largely not present in the market area. Most vacancies appear to be well maintained and are actively being marketed. Thus, overall, ALH Economics finds the market area to comprise a healthy retail market with a varied mix of retail offerings.

In summary, the Project's location close to Interstates 680 and 580 would serve to strengthen Pleasanton's retail base and the existing retail node adjacent to Highway 580. In addition to the Project's general environs being a strong retail node, the market area as a whole appears to have a relatively healthy, large, and diverse retail base. The area includes neighborhood through regional shopping opportunities. The neighborhood and community shopping centers include approximately 17 stores selling groceries (excluding ethnic food stores but including general merchandise retailers like Target with a strong food sales component) while the regional shopping opportunities include department stores such as Macy's and Nordstrom's that are not located elsewhere in the Tri-Valley area. Thus the Project's market area serves a broad range of consumer shopping needs.

V. MARKET AREA DEMOGRAPHICS AND RETAIL SPENDING POTENTIAL

This report chapter identifies the market area's demographic characteristics, including in comparison to the cities of Pleasanton and Dublin. The chapter additionally estimates retail demand generated by the market area's residents.

DEMOGRAPHIC CHARACTERISTICS

ALH Economics developed population and household estimates and projections for the market area to provide a basis for estimating market area retail demand. These estimates and projections were prepared based upon projections formulated by the Association of Bay Area Governments (ABAG), the Regional Council of Governments for the San Francisco Bay Area. These projections were prepared in 2013, and provide estimates and projections in 5-year increments, up to the year 2040. These projections are provided on a jurisdictional basis, such as cities, as well as by census tract. The projections are prepared for population and household counts, among other demographic factors.

ALH Economics culled the population and household projections for the City of Pleasanton, the City of Dublin, and the census tracts comprising the market area. These figures were pulled for the years straddling the Project's anticipated development timeline, and then interpolated for years key to the analysis. These key years are 2018, the first year during which Phase I development is anticipated to be fully operational is anticipated to be complete, and 2028, which is anticipated to coincide with full Project buildout.

The resulting demographic estimates and projections for the Project's market area indicate that the market area has an estimated 2015 household count of 39,409 (See Exhibit 18). The population equivalent is 113,799. This is for the 21 census tracts that collectively comprise the market area. By 2018, the first estimated year of full operations for the Project, the household count is forecasted to increase to 40,824, for an increase of 1,415 households. By 2028, the Project's buildout year, the household count is forecast to rise to 45,504, or by an additional 4,680 households. Based on the estimates in Exhibit 18, the market area comprises approximately 92% of the combined household counts for Pleasanton and Dublin.

Household incomes in the market area vary somewhat by geography, with the average household income in 2015 comprising $153,130 in Pleasanton and $140,220 in Dublin. For the market area as a whole, the average is $146,232 as presented in Table 9 below.

Table 9. Market Area Average Household Income

Geographic Area	2015 Income
City of Pleasanton	$153,130
City of Dublin	$140,220
Market Area	$146,232

Source: Nielsen Reports.

These average household incomes are estimated by Nielsen Reports, as there are no governmental resources with current household income estimates for the jurisdictions comprising the market area, or of course for the customized market area itself.

MARKET AREA RETAIL DEMAND POTENTIAL

Approach to Estimating Retail Demand

ALH Economics prepared a retail spending potential analysis, or demand analysis, for the Project's market area households. This spending analysis takes into consideration average household income, the percent of household income spent on retail goods, and prospective spending on retail by the same retail categories reported by the BOE. Pursuant to data published by the U.S. Bureau of Labor Statistics, 2013 Consumer Expenditures Survey, households in the income group with annual household incomes $70,000 or more throughout the United States spent an average of 25% of household income on the type of retail goods tracked by the BOE. This is the highest income bracket analyzed by the Consumer Expenditures Survey, and these households had average household incomes of $131,945 before taxes. This average income is high because the income bracket includes all households earning over $70,000. Select other income ranges and associated average household incomes include the $40,000 to $49,999 range with a $44,576 average, spending 40% of income on retail, and the $50,000 to $69,999 range with a $59,101 average, spending 36% of income on retail.

The spending pattern for households earning $70,000 and more is the most appropriate Consumer Expenditures Survey match for the market area. Therefore, ALH Economics assumes that for the market area households, 25% of income will be spent on retail goods. This results in a per household retail spending estimate of $36,558.

As a proxy for household spending patterns, ALH Economics analyzed statewide taxable sales trends for 2013 and converted them to estimated total sales.[12] The results, presented in Exhibit B-5, indicate that household spending by retail category ranges from a low of 5.2% on Home Furnishings & Appliances to a high of 17.1% on Food & Beverage stores.

Market area retail demand projections for the market area's current and future household bases were estimated based upon the percent share of income spent on retail and estimated distribution of retail spending. The demand projection for the current household base is presented in Exhibit 19 and the demand estimates for the incremental new households to 2018 and 2028 are presented in Exhibit 20. These demand estimates are then combined in Exhibit 21, which presents the total demand estimate for the current 2015 time period as well as future household demand in 2018 and 2028, all in 2015 dollars.

Retail Demand Findings

The household demand estimates in Exhibit 21 are summarized below in Table 10. This indicates that the current household base has the estimated potential to spend $1.4 billion on retail goods. The largest share of spending is for Food & Beverage stores, which totals $246.7 million for the existing household base. The total demand estimate will increase by almost $52.0 million by the time the Project's Phase I is fully operational, totaling $1.5 billion 2018.

[12] The year 2013 comprises the most recent year for which annual taxable sales are published by the State of California Board of Equalization.

Yet another $171.1 million in demand will be generated between 2018 and Project buildout in 2028, comprising total market area demand of $1.7 billion by 2028.

Table 10. Market Area Retail Demand Estimates, in millions

Type of Retailer	Existing 2015	2015-2018	2018-2028	Total by 2028
Motor Vehicles and Parts Dealers	$199.0	$7.1	$23.6	$229.7
Home Furnishings and Appliance Stores	$74.4	$2.7	$8.8	$85.9
Building Materials and Garden Equip	$86.9	$3.1	$10.3	$100.3
Food and Beverage Stores	$246.7	$8.9	$29.3	$284.8
Gasoline Stations	$166.4	$6.0	$19.8	$192.1
Clothing and Clothing Accessories Stores	$102.2	$3.7	$12.1	$118.0
General Merchandise Stores	$200.7	$7.2	$23.8	$231.7
Food Services and Drinking Places	$183.7	$6.6	$21.8	$212.1
Other Retail Group	$180.9	$6.5	$21.5	$208.9
Total	**$1,440.7**	**$51.7**	**$171.1**	**$1,663.5**
Cumulative Total	**$1,440.7**	**$1,492.4**	**$1,663.5**	**$1,663.5**

Source: Exhibit 21.

These figures demonstrate that the market area has very strong retail spending potential.

VI. PROJECT SALES IMPACT ANALYSIS

This chapter assesses the extent to which the Project's sales might impact the existing retail sales base. It examines the characterization of the sales bases in Pleasanton and Dublin, the two cities that comprise the bulk of the Project's market area, and then considers the extent to which the Project may or may not divert sales away from existing retailers.

RETAIL SALES BASE CHARACTERIZATION

Approach

For the purpose of this study, ALH Economics characterized the retail sales bases of Pleasanton and Dublin with regard to the extent to which they attract or leak retail demand generated by their population base. Toward this end, ALH Economics uses a retail model that estimates retail spending potential for an area based upon household counts, income, and consumer spending patterns. The model then computes the extent to which the area is or is not capturing this spending potential based upon taxable sales data published by the State of California Board of Equalization (BOE) or provided by local government municipal tax consultants. This analysis can be most readily conducted for cities, groupings of cities, or counties, consistent with the geographies reported by the BOE.

For any study area, retail categories in which spending by locals is not fully captured are called "leakage" categories, while retail categories in which more sales are captured than are generated by residents are called "attraction" categories. This type of study is generically called a retail demand, sales attraction, and spending leakage analysis, or retail gap analysis. Generally, attraction categories signal particular strengths of a retail market while leakage categories signal particular weaknesses. ALH Economics' model, as well as variations developed by other urban economic and real estate consultants and economic analysts, compares projected spending to actual sales.

For the purpose of generating a Retail Demand, Sales Attraction, and Spending Leakage Analysis for the relevant cities, and the market area as a whole, ALH Economics obtained taxable retail sales data for 4th Quarter 2013 through 3rd Quarter 2014 as reported by the BOE and adjusted the taxable sales to reflect total, more current sales. These were the most recent BOE data available at the time the study was conducted. Using the retail sales data, combined with household counts from the demographic estimates benchmarked to ABAG forecasts and household income figures estimated by Nielsen Reports, ALH Economics conducted Retail Demand, Sales Attraction, and Spending Leakage Analyses. These analyses compared total estimated household spending to actual retail sales in both Pleasanton and Dublin. To the extent possible, sales estimates were updated to reflect a more current time period than measured by the BOE data. This included analyzing sales tax trend data in Pleasanton from 2nd Quarter 2014 through 4th Quarter 2015, to generate sales adjustment factors by category to result in an estimated 2015 retail sales base. These data were provided by the City of Pleasanton via the City's tax consultant. Comparable data were requested for the City of Dublin; therefore, sales adjustments for Dublin were based upon the CPI index, with the exception of gasoline sales, which was adjusted as the same rate as Pleasanton because the volatility of gasoline sales is not tied to the CPI index. Retail sales for both cities were also adjusted upward to adjust for nontaxable sales in key sales categories, including Food &

Beverage stores and the drug store component of Other Retail sales. All these adjustments are noted as relevant in the analysis.

Household Spending Estimates

ALH Economics' Retail Demand, Sales Attraction, and Spending Leakage Analysis requires household count, average household income, and percent of income spent on retail inputs for the area of analysis. As noted in Table 9, the annual household income profiles vary modestly between Pleasanton and Dublin, with both exceeding $130,000. Accordingly, the percent of income spent on retail is assumed to be similar to the percentage assumed in the market area, which is 25%. The resulting annual retail household spending estimate by city is presented in Table 11, along with the earlier referenced market area finding. These figures are $38,283 for Pleasanton and $35,055 for Dublin.

Table 11. Market Area Average Household Spending

City	2015 Income	% Spent on Retail	Average HH Spending
Pleasanton	$153,130	25%	$38,283
Dublin	$140,220	25%	$35,055
Market Area	$146,232	25%	$36,558

Sources: Nielsen Reports; and ALH Urban & Regional Economics.

Retail Demand, Sales Attraction, and Spending Leakage Findings

City of Pleasanton. The estimate of Pleasanton's retail sales base pursuant to the most recently available BOE data is presented in Exhibit 22. This figure, reflective of annual retail sales ending the 3rd Quarter of 2014, is approximately $1.6 billion. With interim adjustments to year-end 2015 based on changes in citywide retail sales trends, the sales base was estimated to increase modestly, but still rounds to a total of $1.6 billion by the end of 2015 (see Exhibit 23). This indicates average sales on a per household basis of $60,348. This figure reflects sales captured per household, not demand per household. Pursuant to the estimated distribution of household demand based upon the pattern noted earlier in Exhibit B-4, and cited in Tables 8 and 10, estimated retail spending per household in Pleasanton is $38,283. This demand figure is substantially lower than the sales per household figure, indicating in the aggregate that Pleasanton captures more sales than is spent by its own households. In other words, Pleasanton as a whole attracts retail sales. This result is not surprising, as Pleasanton has a large retail base, including a regional shopping center.

Overall, the Retail Demand, Sales Attraction, and Spending Leakage estimates in Exhibit 24 suggest that just over 36% of the sales achieved in Pleasanton are attracted from elsewhere. As Exhibit 24 further indicates, this retail sales attraction extends across almost every retail category, with the exception of Building Materials and Garden Equipment and Gasoline Stations. This would suggest some potential for retail new to Pleasanton to stem leakage and recapture sales lost to Pleasanton retailers in these two categories. However, as noted below, when analyzed in the context of neighboring Dublin's retail base, which has attraction in these two categories, the leakage in Pleasanton is likely being measured as attraction to the City of Dublin. Therefore, instead of comprising recaptured sales leakage, sales achieved by new Pleasanton retailers will comprise sales generated by new market area household growth, sales

diverted away from existing market area retailers, sales that serve to strengthen the city's existing sales attraction, or some combination thereof.

City of Dublin. The findings for the City of Dublin demonstrate an even greater level of estimated attraction compared to Pleasanton. The estimated 4th Quarter 2013 through 3rd Quarter 2014 sales base in Dublin totaled $1.4 billion (see Exhibit 25). Adjusted to 2015 based upon changes in the CPI index, coupled with the more volatile estimate of changes in Gasoline sales, results in a slightly lower 2015 sales estimate, but one which continues to round to $1.4 billion (See Exhibit 26; the decline is due to the lower cost of gasoline). Per household sales generally equaled $88,078, compared to the per household demand estimate of $35,055. Thus, Dublin achieves even higher retail sales attraction than Pleasanton, estimated at 60.2% of all sales (see Exhibit 27). In contrast to Pleasanton, Dublin achieves retail sales attraction in all major retail categories.

PROJECT SALES IMPACTS

This section estimates the extent to which the Project's sales may comprise a negative sales impact on the existing retail sales base. For study purposes, ALH Economics combined the Pleasanton and Dublin estimated retail sales bases as a proxy for the market area. This includes some Dublin retail sales generated by retail stores not included in the market area. However, this is deemed a more meaningful basis for analysis than estimating through imprecise means the portion of Dublin's sales base that is not included in the market area. Moreover, while consumer demand may originate from within the defined market area, likely all outlets in Pleasanton and Dublin receive some increment of demand from households in the Project's defined market area.

Approach

ALH Economics has developed an analytic approach that estimates the impact of the Project's incremental sales on existing retailers. For this analysis, the approach assumes that if the Project is adding sales to a category in an amount greater than any potential recaptured leakage in the category, ***then at worst***, the amount of sales in that category in excess of any recaptured leakage would be diverted away from existing area retailers. In cases when this applies, this can be a conservative assumption given that diverted sales beyond the amount of recaptured leakage could also occur among other retailers beyond the market area or relevant city boundaries. Or, in cases where new household growth occurs, demand captured from these new households can offset impacts by increasing total sales captured by retailers throughout the area under study. In the case of the Johnson Drive EDZ Project, the combined cities of Pleasanton and Dublin do not appear to exhibit any retail leakage. This analysis therefore focuses exclusively on the potential for Project sales generated by the Project's market area retail consumers to be absorbed by new demand, with any resulting sales not absorbed by new demand comprising potential sales impacts.

Market Area Retail Sales Base

To best assess the Project's sales impacts it is optimal to have an understanding of the size of the existing retail sales base. As stated above, for the purpose of this study this sales base is anticipated to comprise the summation of the retail sales bases in Pleasanton and Dublin. Pursuant to the analyses presented in Exhibits 23 and 26 this sales base is estimated to total $3.0 billion in 2015.

Future Growth Considerations

As noted earlier, the market area is estimated to grow by 1,415 households between 2015 and 2018, the year the Project's Phase I is estimated to be fully operational, and by another 4,680 households by 2028, the Project's year of Full Buildout. These new households will generate additional demand for retail sales, as documented in Exhibits 19 through 21. These new sales are estimated to total $51.7 million by 2018 and an incremental $171.1 million by 2028, and include sales in all the categories of estimated Project sales.

Estimated Project Sales Base Impacts

Approach. ALH Economics analyzed the Project impacts on the existing sales base based upon the amount of Project sales generated by market area residents not absorbed by new household demand. This does not mean that the new households are anticipated to spend all their retail dollars at the Project, but that as new retail dollars are spent in the market it provides support for all retailers, which may or may not include the Project's retailers. Thus, if the Project diverts retail dollars spent at existing market area retailers, new demand generated by household growth can potentially offset these sales diversions. Moreover, new demand for sales categories not represented by the Project can additionally provide support for yet other retailers, and hence support retail occupancy for additional new retailers. This analysis was conducted for the Project's Phase I development as well as the incremental development to Full Buildout, and consolidated in a Full Buildout scenario.

Phase I Sales Base Impacts. The analysis assessing the Project's Phase I impacts on the market area's estimated existing retail sales base is fully presented in Exhibit 28 and summarized below in Table 12. Taking into consideration prospective demand generated by households new to the market area prior to the full operation of Phase I, the Project's sales impacts may result in estimated sales decline of $26.7 million for existing retailers, or 0.9% of existing market area sales. Overall this is a nominal level of impact, which comprises approximately 16% of all Phase I Project sales. Thus, overall, at least 84% of the Project's $172.3 million in estimated Phase I sales will comprise net new sales to the City of Pleasanton's (see Exhibit 9 for the $172.3 million figure).

Table 12. Project Phase I Sales Impacts on Existing Sales Base

Retail Category	Total Net New Consumer Retail Sales	New Market Area Demand 2015-2018	Sales Impact Less New Demand	% Impact on Sales Base	Remaining Demand For Backfilling
Motor Vehicle & Parts Dealers	$3,143,726	$7,145,800	$0	0.0%	$4,002,074
Home Furnishings & Appliances	$4,573,080	$2,670,856	$1,902,224	0.9%	$0
Building Materials & Garden Equipment	$2,788,126	$3,119,560	$0	0.0%	$331,434
Food & Beverage Stores	$32,075,342	$8,860,179	$23,215,163	7.4%	$0
Gasoline Stations	$6,278,039	$5,976,404	$301,636	0.2%	$0
Clothing & Clothing Accessories	$2,388,912	$3,670,104	$0	0.0%	$1,281,192
General Merchandise Stores	$4,981,229	$7,207,640	$0	0.0%	$2,226,411
Food Services & Drinking Places	$537,857	$6,598,189	$0	0.0%	$6,060,332
Other Retail Group	$7,803,072	$6,496,950	$1,306,122	0.6%	$0
Total	$64,569,384	$51,745,682	$26,725,145	0.9%	$13,901,443

Source: Exhibit 28.

While the overall sales impact is relatively nominal as a percent of the sales base, there are three retail categories with estimated sales impacts. These categories include the following:

- Home Furnishings & Appliances with $1.9 million in sales impacts, or less than 1.0% of the category sales base;
- Food & Beverage Stores with $23.2 million in sales impacts, or 7.4% of the category sales base; and
- Gasoline Stations with approximately $0.3 million in sales impacts, or 0.2% of the sales base.

The sales impacts in Home Furnishings & Appliances and Gasoline Stations are nominal and, given the size of the sales base, are not deemed large enough to result in existing retail outlet closures. The impacts are likely to be experienced by a number of existing market area retailers, and thus not concentrated amongst any single retailer to the point where business closure could result from declining sales. In addition, these impacts assume the Project's Phase I components achieve stabilized sales during the first full year of operations. More typically, new retailers achieve stabilized sales over a period of several years, such that the full amount of estimated Phase I sales will not be achieved until sometime after 2018. By this time, yet additional new market area demand will be generated, further offsetting the projected sales impacts. For example, based upon findings presented in Exhibit 21, the average annual new demand generated for Gasoline Stations between 2018 and 2028 is almost $2.0 million a year. Thus, the anticipated Gasoline Stations impacts will be offset within a year after the start of the Project's Phase I operations. In like manner, the Home Furnishings & Appliances estimated sales impacts of $1.9 million could be offset in just over two years. These findings further reinforce the conclusion that existing Home Furnishings & Appliances and Gasoline Stations are unlikely to experience sales impacts from Phase I development severe enough to result in existing outlet closures.

The estimated sales impacts in the Food & Beverage Stores category are more substantial than the other category impacts. At $23.2 million, these impacts are equivalent to 7.4% of the existing sales base. While the Project's estimated Food & Beverage Store sales may also not achieve stabilization until sometime after 2018, these impacts are more substantial and could result in lower store sales performance among a number of existing Food & Beverage stores. As noted earlier, this includes at least 17 more traditional food stores, as well as numerous ethnic and other small food markets. These include a wide variety of stores, such as Safeway, Raley's, and Lucky, and more specialty or upscale grocers such as Whole Foods, Trader Joe's, Sprouts, New Leaf, and Gene's Fine Foods. The existing stores also include stores more comparable to the discounted or bulk food options available at a club retailer, such as Walmart Neighborhood Market, Smart & Final Extra, and Target.

Food & Beverage stores achieve a wide range of per square foot sales performance. Assuming an overall industry average of $643 per square foot (see Exhibit 9), the estimated volume of diverted Food & Beverage Store sales is sufficient to support approximately 36,000 square feet of space. This level of impact suggests the potential for one existing grocery store in the market area to be at risk of potential closure following Phase I development of the Project, although the impact will morel likely be spread among the more than 17 market area stores selling groceries. If spread equally among just these 17 stores the level of impact would be less than $1.4 million in sales impact per store, which is likely not a sufficient sales volume loss to trigger store closure. Many stores can likely compensate for this loss through product repositioning and other operational changes. Further, some of these impacts will be offset over time as additional new demand is generated, averaging about $3.0 million a year after 2018 (see figures included in Exhibit 21).

There are a number of factors endemic to the club retail shopping experience that could minimize the impacts on the existing Food & Beverage retailers, or especially on specific food stores. Using examples from Costco, club retail merchandise is not targeted to the average grocery store consumer. Many Costco items are only available in bulk. This includes mostly foodstuffs and other items one could purchase at a grocery store, such as two loaves of sliced bread bundled together, a case of kidney bean cans, 15 rolls of paper towels, and a 33.9-ounce can of ground coffee. It is not possible at Costco to purchase an individual-sized pastry, a quart of milk, a small spice jar, a dozen eggs, or just a pound of butter. Costco food sales are clearly targeted toward large families, restaurants, event organizers, and other consumers with extensive storage capacity. Accordingly, Costco is not the type of store where the average household consumer will stop by once or twice a week to round out the pantry and purchase ingredients for intimate family dinners.

In addition, Costco typically carries only one brand at a time of certain items, such as canned peaches or tomato sauce. Thus, selection is not the hallmark of Costco. In fact, Costco typically carries 3,700 items, or SKUS (stock-keeping units) for sale throughout the entire store.[13] This compares to 15,000 to 60,000 at a traditional supermarket for just grocery goods.[14] Thus shoppers seeking food product variety will not find it at Costco.

Costco is further distinguished from the average retailer pursuant to its payment options and how it assembles items purchased by customers. Costco warehouses accept cash, checks, certain debit cards, and Visa. No other major credit cards are accepted for the payment of merchandise. These methods of payment may limit Costco's customer base. Once a customer has made purchases, Costco does not provide bags or bagging services. Some items are loaded into packing boxes by Costco cashiers, but the balance of goods are either reloaded back into the shopping cart by the Costco cashiers or can be placed into bags provided by the customer. This approach may further limit Costco's customer base among customers accustomed to merchandise bagging.

The preceding club retail merchandising factors may contribute to the dispersal of the estimated Food & Beverage sales impacts, or even lessening of the impacts. Moreover, stores can adapt their merchandising mix and customer service strategies to be more resistant to Project sales impacts. Yet, if a store closes there are other demand opportunities available to backfill the space, thus reducing the likelihood of long-term retail vacancy. For some Project sales categories new market area demand will exceed the portion of Project sales estimated to be generated by market area households, thus no impact will result and demand available for other retailers will result. As noted in Exhibit 28, after absorption of Project sales, an estimated $13.9 million in new retail demand will still be available for a range of retail categories. Thus, while there could be the potential for store closure, the likelihood of the space remaining vacant for a prolonged period of time and leading to prolonged economic impacts is not high.

Full Buildout Sales Base Impacts. Sales impact analysis findings for the Project at Full Buildout were prepared in an analysis parallel to the Phase I analysis. These findings were also generated for the increment of development between Phase I and Full Buildout. These findings

[13] Costco Wholesale Corp, 10-K, Filed on 10/14/15, page 4.
[14] http://www.fmi.org/facts_figs/?fuseaction=superfact

are presented in Exhibit 29 for the increment to Full Buildout and Exhibit 30 for Full Buildout. The Full Buildout findings are also summarized in Table 13, below.

The summary findings in Table 13 indicate that by the time Full Buildout occurs, estimated to comprise 2028, more than sufficient new market area demand will be generated to absorb the Project's anticipated sales generated by market area retail consumers. There is one minor exception to this, which is the Clothing & Clothing Accessories category, with a nominal sales impact of $46,544. This level of impact is so limited it comprises 0.0% of the market area sales base.

Table 13. Project Sales Impacts on Existing Sales Base at Full Buildout

Retail Category	Total Net New Consumer Retail Sales	New Market Area Demand 2015 - 2028	Sales Impact Less New Demand	% Impact on Sales Base	Remaining Demand For Backfilling
Motor Vehicle & Parts Dealers	$3,143,726	$30,770,182	$0	0.0%	$27,626,456
Home Furnishings & Appliances	$10,211,555	$11,500,843	$0	0.0%	$1,289,289
Building Materials & Garden Equipment	$8,030,090	$13,432,983	$0	0.0%	$5,402,893
Food & Beverage Stores	$32,075,342	$38,152,384	$0	0.0%	$6,077,042
Gasoline Stations	$6,278,039	$25,734,700	$0	0.0%	$19,456,661
Clothing & Clothing Accessories	$15,850,201	$15,803,657	$46,544	0.0%	$0
General Merchandise Stores	$10,176,090	$31,036,468	$0	0.0%	$20,860,377
Food Services & Drinking Places	$11,169,630	$28,412,138	$0	0.0%	$17,242,508
Other Retail Group	$22,803,351	$27,976,200	$0	0.0%	$5,172,849
Total	$119,738,024	$222,819,555	$46,544	0.9%	$103,128,075

Source: Exhibit 30.

Based on the projected level of market area demand up to 2028, the limited amount of Clothing & Clothing Accessories sales impact would likely be absorbed shortly after Project completion. Moreover, the findings suggest that over $100 million in additional demand for retail will remain at Full Buildout, providing support for yet other retail venues as well as any retail space that might become vacated as a result of Project impacts. Such potential vacancies, however, are not deemed likely given the negligible sales impacts projected by Full Buildout.

DOWNTOWN PLEASANTON IMPACTS

Based upon the preceding impacts analysis, ALH Economics believes that Downtown Pleasanton will experience very limited, if any, sales impacts associated with the Project. This assessment is attributable to several factors, including the nature of the impacts, Downtown Pleasanton's retail base and orientation, and historical precedents, especially including the development of the significant San Francisco Premium Outlets in Livermore.

Phase I Project sales impacts are most anticipated to occur in Food & Beverage Stores, Gasoline Stations, and Home Furnishings & Appliances, while Full Buildout sales impacts are isolated to just Clothing & Clothing Accessories, and for just a limited period of time. Among all these categories, only Home Furnishings & Appliances and Clothing & Clothing Accessories stores are located in Downtown Pleasanton. As these impacts are anticipated across the entire market area, which includes many other shopping areas in Pleasanton as well as Dublin, it is very unlikely the limited sales impacts in these categories will be specifically diverted from Downtown Pleasanton stores. This is especially the case because the nature of these and other goods sold in Downtown Pleasanton is generally very different from the type of goods available at a club retail store like Costco or other generic retailers that might occupy the Project's general retail

space. Further, while there may be some club retail goods overlap, the quality of goods available Downtown is typically much greater and of a broader variety than available at a club retailer. In addition, Downtown Pleasanton retailers provide services not available at a club retailer.

Downtown Pleasanton stores sell a very carefully selected mix of merchandise not typically found at other market area retailers. Downtown Pleasanton provides a unique, pedestrian-oriented shopping opportunity with a customer-friendly atmosphere. These experiences cannot be replicated at the Project. Moreover, shoppers who want the type of goods available at a club retail store already have regional opportunities for this kind of shopping. Thus, there is no motivation for Downtown shoppers to change their shopping patterns assuming the new shopping opportunities will not be significantly different from other shopping opportunities already available.

Downtown Pleasanton is quite distant from the Project site, at 4.3 miles. Shoppers who choose to shop in Downtown Pleasanton are unlikely to bundle a Downtown shopping with a Project shopping trip, further helping Downtown Pleasanton retain its existing shoppers. Finally, anecdotal information suggests that the opening of the San Francisco Premiums Outlets in Livermore, located even closer to Downtown Pleasanton than the Project site (a distance of 3.9 miles versus 4.3 miles), did not result in negative economic impacts on Downtown Pleasanton retailers. The San Francisco Premium Outlets opened as Paragon Outlets during the holiday season of 2012, and subsequently expanded in 2015. Examination of taxable retail sales data for the City of Pleasanton indicates that for all major retail categories, sales in Pleasanton were higher in 2013 than in 2012, while sales in 2012 were higher yet again than in 2011.[15] This suggests that in addition to the anecdotal information about Downtown Pleasanton that the City of Pleasanton as a whole did not experience any retail sales repercussions associated with this significant retail addition to the region's retail base totaling approximately 540,000 square feet initially, and then expanding by almost another 200,000 square feet. This also supports the finding that the Project's impacts on the existing retail base may be limited, given the greater size of the San Francisco Premium Outlets relative to the Project.

CLUB RETAIL CASE STUDY INFORMATION

The preceding Project Impact analysis focuses on relatively high level analysis, examining impacts on a category-specific basis. In order to gain some insight into the potential for more granular impacts, ALH Economics conducted research regarding several existing club retail stores. This included the Costco store in nearby Livermore, which opened in 1993 and added gasoline sales within the past 5 years, and stores in California developed more recently. The nearby Danville store was not included because it was developed in 1989, prior to the tenure of existing Economic Development staff, and too long ago to be of much relevancy.

The case study stores opened more recently in California included a Costco warehouse in Hayward and in Huntington Beach. These two stores comprise two of the four most recent Costco stores opened in California, among 11 that have opened since 2006. These two locations were selected for case study purposes because of their relative retail sales base comparability to Pleasanton. Most of the other cities where Costco stores have opened in California since 2006 have either much smaller sales bases (less than $1.0 billion) or much

[15] The only 2011 to 2012 exception being in the General Merchandise category, which likely has limited bearing on the Outlets given the strong apparel orientation of the Outlets.

larger sales bases (greater than $4.5 billion). Thus, Hayward and Huntington Beach seemed well-matched to Pleasanton, especially given their recent development in 2009 and 2012, respectively. Thus, these stores have been in the market long enough to achieve stabilized operations, but are recent enough that current city staff should have familiarity with their impacts on their respective sales bases.

As noted, the Livermore Costco store opened many years ago in 1993. Accordingly, little information is available about its immediate impacts on the nearby retail base. However, Livermore's outgoing Economic Development Director, with a relatively long tenure in Livermore, indicated she was not familiar with any negative sales impacts resulting from the store, including on small businesses or Downtown Livermore. This includes no negative impacts on food stores or individual small businesses. Of particular relevance to the Project is the gas station operation that was added to this store within the past 5 years. According to the outgoing Economic Development Director, the City of Livermore has not noted any drop off in gasoline sales since Costco added this component. ALH Economics believes a large contributor to this lack of impact is the dispersed geography associated with Livermore Costco customers, as discussed previously and documented in Exhibit 14.

The Hayward Costco store is located in an industrial area of Hayward near the border of Union City. Similar to Livermore, city representatives are not aware of any existing business impacts that occurred following the opening of this Costco store, including small businesses, Downtown Hayward, existing food stores, or gas stations. Some of the lack of impacts is attributed to the store's location, which is somewhat devoid of other retail establishments.

Finally, the Huntington Beach case study information suggests that rather than impacting existing retailers negatively, the new Costco store serves as a catalyst for retail demand, bringing shoppers to an area that was previously occupied by obsolete retail uses. After Costco was developed small businesses chose to be near Costco to benefit from retail synergies. Yet there is no indication that small businesses located elsewhere in the City of Huntington Beach, including Downtown, were impacted in a negative way. This Costco store is part of a larger plan for area economic development, has served as a catalyst for other property improvements, and has added to the critical mass of retail in the area, with spin-off benefits noted for other, previously struggling retail districts.

In summary, these case study findings indicate that other communities of a similar scale to Pleasanton did not experience negative impacts on their retail community when local Costco stores were developed. This includes no reported small business community, Downtown, or gasoline station impacts. Therefore, these findings suggest the study conclusion that the Project's Phase I development could result in food store sales impacts is a conservative conclusion, not borne out by the experience in comparable cities.

SECONDARY IMPACTS

In addition to sales impacts throughout the Project's market area, there will be potential for more localized secondary impacts on the businesses located in the area proposed for the Johnson Drive EDZ. One certain impact is a higher volume of traffic through the area, which is addressed in the SEIR's Transportation Impact Analysis. As this traffic occurs it may make take longer for employees and customers to travel to and from existing area businesses and traffic may become more congested. In addition, existing businesses seeking to expand at their current location might find the environment more competitive for land or building acquisition given

anticipated economic development efforts in the area and prospective new uses. However, there are also potential beneficial impacts, including the enhanced visibility and business exposure as a result of the greater volume of traffic through the area. Prospective customers can gain knowledge of the existing area businesses through repeated sightings of business signage and facilities, and the presence of existing customers. Thus, there can be positive as well as negative impacts associated with greater area traffic volume. Additional potential positive secondary impacts include the proximate availability of low cost club retail merchandise and gasoline, other shopping and eating opportunities close to work, and possible long-term property value increases associated with economic development improvements throughout the area. For example, as noted in the case studies above, Costco development served as a catalyst for economic development in Huntington Beach, and is credited with bringing shoppers to an area that was previously underutilized, and creating synergistic opportunities for business growth. The experience in Huntington Beach demonstrates there can be positive secondary impacts for existing area businesses as well as the potentially negative secondary impacts cited above.

VII. CUMULATIVE PROJECT IMPACTS

This analysis seeks to quantify the impact of the Project taking into consideration other planned competitive retail projects within and near the market area. The cumulative projects assessed for impacts include retail developments that are in various stages of entitlement or planning. Because specific development timelines are not available for many of the projects, the analysis carefully considers each project prior to determining the set of projects most likely to be operational during the Project's approximate timeframe.

IDENTIFIED RETAIL DEVELOPMENT PROJECTS

ALH Economics identified 12 potential cumulative retail development projects in and near the market area by reviewing development pipeline materials maintained by the cities of Pleasanton and Dublin. While nine of the 12 projects are located within the Project's market area, all of them may have some market area commonality, and thus were reviewed and considered for relevancy. Information about these projects was primarily derived from the major project documents from each city, supplemented by additional information from planning staff, project websites, the San Francisco Business Journal, and Pleasanton-Dublin area news provider, The Independent. These 12 projects are described in Exhibit 31, which includes their address, square footage, development status, anticipated completion date, and distance from the Project Site. Number references for projects in the following discussion match the numbers listed in Exhibit 31, as well as the accompanying map in Exhibit 32.

The 12 projects included in Exhibit 31 total approximately 1.3 million square feet of retail space. The projects range in size from just over 5,000 square feet up to 430,000 square feet. Some of the projects are in the preliminary stages of planning or are in the latter phases of development and therefore have an undetermined timeframe. These projects add up to 1.1 million square feet; one of these projects is the second largest project in the pipeline at 225,000 square feet, Project #8, the Boulevard/Dublin Crossing located in Dublin. Though this project has been approved for commercial space, planning staff from the City of Dublin relayed that the developer is most likely going to develop the site as residential.

ALH Economics reviewed the information on the planned projects, status, and anticipated timing, and identified the projects most likely to be developed during two timeframes concurrent with the Project, i.e., by 2018 corresponding with Phase I and by 2028, corresponding with Full Buildout, as well as unknown timing. To allow for a conservative analysis ALH Economics includes all of the projects listed on Exhibit 31. These 12 identified cumulative projects are summarized below, with more project detail included in Exhibit 31. The cumulative project locations are mapped in Exhibit 32.

- **Pacific Pearl/Staples Ranch (#1)** - This is an approved 112,000-square-foot shopping center with probable tenants including Marina Foods, King Wah restaurant, additional restaurants/quick serve, beauty/nail salons & spa services, learning/tutoring services, medical/dental, general retail, and the remaining square footage is unknown. This project is located 4.8 miles east of the Project site and anticipated to be completed in 2017;
- **Vintage Sustainable Mixed-Use Village (#2) -** This is a proposed mixed-use project with 345 apartment units and 38,781 square feet of retail. The retail tenants are unknown,

but the anchor tenant is estimated to be a small grocery or drugstore, located 4.9 miles southeast of the Project site, with potential completion in 2016;

- **CarMax (#3)** - An 11,783-square-foot auto dealership under construction, located 4.8 miles east of the Project site, estimated to be complete in 2016;
- **Essex Site 1 (#4)** - This is a mixed-use high-density residential/commercial development containing 251 residential units, 4 live/work units, and approximately 5,700 square feet of retail space under construction, located 1.8 miles east of the Project site, estimated to be complete in 2017;
- **Chick-fil-A Restaurant (#5)** - A 5,399-square-foot Chick-fil-A restaurant under construction, approximately 1.2 miles northeast of the Project site, estimated to be complete in 2016;
- **Project Cover (#6)** – This is a newly announced project that will soon be going before the City of Dublin for approval. The project includes a 339,000-square-foot IKEA store and additional pads for another 91,000 square feet of retail space and a 75-room hotel. This project, in the planning stages, is anticipated to be complete in 2018. This project is located 2.8 miles northeast of the Project site.
- **Kaiser Medical Center (#7)** - This preliminary project is a medical campus comprising a 950,000-square-foot medical facility and 250,000 square feet of commercial development built over 25 years, located 4.3 miles northeast of the Project site, with unknown timing;
- **The Boulevard/Dublin Crossing (#8)** - The EIR and Specific Plan for this site allow up to 225,000 square feet of commercial space; however, the developer is leaning toward building only residential. This site is located 3.2 northeast miles from the Project site with unknown timing;
- **Fallon Gateway (#9)** – This project is a partially complete 379,000-square-foot retail center with 140,000 square feet that has yet to be built, tenants and timing for the remaining square footage are unknown, located 5.1 miles northeast of the Project site;
- **Grafton Plaza Mixed-Use Development (#10)** - An integrated mixed-use project in review with 115 townhomes, a 122-room Aloft hotel, and a 55,000-square-foot retail center, located 4.3 miles northeast from the Project, projected to open in 2017/2018;
- **Bay West Mixed Use Project (#11)** - A small mixed-use downtown Dublin project under construction with 17,000 square feet of first floor commercial with 314 apartments above, located 2.3 miles northwest from the Project, estimated to open by 2016; and
- **Sutter Retail (#12)** – This preliminary project is a 2,600-square-foot Starbuck and a 5,400-square-foot retail shop building, located 2.6 miles northwest from the Project, timing is unknown.

Of these 12 projects, eight are anticipated to be completed by the end of 2018. The remaining four projects have unknown timing because they are either in very early planning stages or are phased projects that do not have estimated starting dates for the outstanding retail portion.

CUMULATIVE PROJECT MARKET AREA OVERLAP

The cumulative retail projects will compete with the Project's market area only to the extent that their market areas overlap. Exhibit 31 also shows estimates of the share of each cumulative project sales anticipated to be sourced from the same market area as the Project. These estimates are the result of generalized assumptions, based on consideration of the location of the projects, their distance from the Project site, and the anticipated nature of their retail space and likely consumer. Pursuant to individual assumptions regarding share of market area

overlap with the Project, the cumulative projects are estimated to generate approximately 492,000 square feet in retail competitive with the Project, and also generated by market area households. Following are explanations of the market area overlap assumptions for key cumulative projects.

- Vintage Sustainable Mixed-Use Village (#2), Essex Site 1 (#4), Chick-fil-A Restaurant (#5), Bay West Mixed Use Project (#11), and Sutter Retail (#12) are anticipated to have much smaller, localized market areas than the Johnson Drive EDZ Project. Large portions of these cumulative projects' market areas are estimated to be subsumed within the Johnson Drive EDZ Project's market area and are estimated to have a 95% overlap of market area sales with the Project.
- The Boulevard/Dublin Crossing (#8), Fallon Gateway (#9), and Grafton Plaza Mixed-Use Development (#10) are estimated to have a different market area than the Project, extending north and east of areas encompassed by the Project's market area. Therefore, these projects are estimated to have a 66% overlap with the Project's market area.
- Pacific Pearl/Staples Ranch (#1) and Kaiser Medical Center (#7) are estimated to have large and different market areas than the Project, extending beyond the north and east of areas encompassed by the Project's market area. Therefore, these projects are estimated to have a 50% overlap with the Project's market area.
- CarMax (#3) is estimated to have a specialized market area, focused on serving the needs of consumers seeking to purchase cars. Thus, the analysis assumes only approximately 25% of the sales at this project will be generated by Johnson Drive EDZ Project market area residents.
- Project Clover (#6) is estimated to have only a 10% overlap with the Project's market area. This low overlap is attributable to the tremendous market draw experienced by Ikea. This store will be only the third Ikea store in the Bay Area region, and will likely draw customers from a broader area to the north, east, and west of the Project site. There may also be the potential to draw from the south as well, but many of these consumers may live closer to the existing Ikea store in Palo Alto.

As with the demand projections, the timeframes for anticipated development are presented consistent with the anticipated timeframe for the Project and other major retail development in Pleasanton and Dublin, i.e., 2018 and 2028.

CUMULATIVE PROJECT IMPACTS

Cumulative Project Supply

As noted in Exhibit 31, there are eight projects identified in Pleasanton and Dublin with prospective retail development by the years 2018 and 2028 and four with unknown timeframes, as some of these projects are further along in the conceptualization process than others. A summary of the market area cumulative retail projects is presented in Exhibit 33. This summary indicates that the cities of Pleasanton and Dublin have a total estimate of 4917,623 square feet of competitive prospective retail development planned excluding the Project (i.e., square footage anticipated to require support by the Project's market area). ALH Economics applied a 5% vacancy rate assumption to the square footage, which means an estimate of 95% of the total retail space is occupied (this is the same as the assumption for the Project).

Per the benchmark periods associated with the Project, an estimated 173,321 square feet of occupied competitive retail project space are anticipated to be complete by 2018. Between 2018 and 2028 the estimated timing for Full Buildout, there are no cumulative projects confirmed to have development completion estimates. There is 293,721 total square feet of estimated occupied development with unknown timing; however, a portion of this square footage may be developed between those years. This brings the total competitive square footage estimate to 467,042 square feet for the market area and surrounding areas. Notably, these figures include The Boulevard/Dublin Cross project in Dublin, which City of Dublin representatives suggest may convert to an all residential project.

Future Market Area Demand

Prospective tenants and tenant mixes are not known for many of the cumulative projects. Therefore, the impacts of the cumulative supply are best assessed relative to prospective demand. Thus, the market area's demand for retail space between 2015 and 2028 is converted to supportable retail space to facilitate a space-based supply and demand analysis. This conversion is documented in Exhibit 34, which incorporates estimated demand, estimated sales performance per square foot, an increment of space for personal and business services, and a modest vacancy allocation to allow for market fluidity.

The results of the supportable demand analysis indicate that new market area retail shoppers are estimated to have the ability to support 120,000 square feet of new retail space by 2018, another 390,000 square feet by Project buildout, for a total of 510,000 square feet by Full Buildout, i.e., between 2015 and 2028.

Cumulative Projects Impact

The supply and demand analyses relevant to analysis of the cumulative retail (including the Project) are consolidated and summarized in Exhibit 35. This exhibit pulls together the retail supply figures for the Project and the identified cumulative retail projects by the time periods relevant to the timing of the Project's retail development (based upon occupied competitive square feet). The exhibit also pulls together the market area demand estimates presented as supportable square feet. Table 14 below summarizes the findings of Exhibit 35. This analysis includes sensitivity analysis for the cumulative project that is deemed unlikely to be developed (e.g., the 225,000-square-foot The Boulevard/Dublin Crossing project in Dublin, about which City of Dublin representatives suggest may convert to an all residential project).

The cumulative retail analysis results indicate that based on the projects with estimated completion dates consistent with the Project's Phase I development, there will be a projected shortfall of 111,200 square feet of market area demand to support the cumulative projects. This is a nominal amount of shortfall based upon the current size of the combined retail base in Pleasanton and Dublin, which comprises 9.2 million square feet.[16] If this 111,200–square-foot increment of retail space became vacant as a result of the cumulative projects (possibly including the Phase I Project grocery store impacts referenced in Project impacts), the current retail base vacancy rate would increase by 1.2%. This retail vacancy increment is very low, and would comprise an insignificant impact on the market area's retail base.

[16] See subsequent Exhibits 43 and 44 for estimates of the Pleasanton and Dublin retail inventories.

Table 14. Cumulative Impacts of Johnson Drive EDZ and Cumulative Retail Projects

Supply and Demand Characteristic	Retail Development Timing 2018	2028	Unknown	Total
Johnson Drive EDZ and Cumulative Project Additions to Supply (1)	231,200	371,068	180,861	551,929
Cumulative Retail Demand	120,000	510,000	NA	510,000
Additional Demand Needed to Support New Supply				
Projects with Estimated Timing	111,200	0	NA	267,649
Less Unlikely Projects	111,200	0	NA	154,789
Resulting Increase in Combined Pleasanton/Dublin Retail Vacancy Rate				
Projects with Estimated Timing	1.2%	0.0%	NA	2.9%
Less Unlikely Projects	1.2%	0.0%	NA	1.7%

Source: Exhibit 35.
(1) Includes retail space anticipated to attract demand from the market area.

By the time Project Full Buildout occurs, there will continue to be insufficient new market area demand to absorb all the cumulative projects with known development timeframes. Similar to the Phase I timing analysis, however, this insufficient demand is estimated to be relatively low. Inclusive of the cumulative project anticipated to be unlikely to be developed as retail, this demand shortfall comprises an estimated 267,650 square feet. Excluding the unlikely development project reduces this figure to 154,800 square feet. Thus, the market area retail base vacancy rate is estimated to increase by 1.7% to 2.9% by Full Buildout pursuant to the cumulative retail development.

The degree to which these percentage increases will be significant to the market will depend upon the prevailing market conditions at the time of Full Buildout. While these conditions cannot be predicted, current conditions suggest that the projected increases in vacancy attributable to the cumulative projects at Full Buildout will not be detrimental to the commercial retail market, and that the market would continue to operate within healthy parameters. This is also the case taking into consideration historical retail vacancy trends, as discussed in the study chapter addressing urban decay (see Chapter IX. CEQA Urban Decay Determination). Therefore, ALH Economics concludes that the cumulative projects, inclusive of the Johnson Drive EDZ Project, are unlikely to result in negative impacts contributing to the potential for urban decay to occur in the market area.

VIII. HOTEL ANALYSIS

CONTEXT FOR JOHNSON DRIVE EDZ PLANNED HOTEL

The Johnson Drive EDZ has the potential for a 150- to 231-room hotel. There are 15 existing hotels in Pleasanton and Dublin that participate in hotel industry surveys, with a total of 2,297 rooms.[17] The Project's hotel would increase the existing rooms supply by 6% to 9%. The nearest hotel to the Johnson Drive EDZ Project site is located on Johnson Drive, approximately 0.5 miles away. This is an upscale hotel, with one of the three highest room rates in the Pleasanton and Dublin area, with all other hotels located over 1.0 miles away (see Exhibit 36). The distribution of the hotels is mapped in Exhibit 37.

The fiscal impact analysis conducted for the entire Johnson Drive EDZ in February 2015 assumed the area's hotel would comprise a limited-service hotel.[18] The study assumed there would be sufficient demand for the hotel from business and resident demand segments and priced the hotel for analytical purposes at $125 a night with an average occupancy rate of 75%.[19] For the purpose of this study the City of Pleasanton assumes the Project's hotel may have a more full-service orientation, with a potential focus on serving business travelers.

ALH Economics conducted analysis of hotel demand relevant to the Project's potential hotel. The analysis is based upon growing out the met demand at existing Pleasanton and Dublin hotels pursuant to employment growth projections, assuming economic growth is a relative generator of demand. Because a CEQA urban decay analysis must also look at cumulative impacts, there is additional analysis comparing the projected demand for hotel rooms in Pleasanton and Dublin to the supply of other planned hotels. This study chapter closes with an assessment of the Project's potential impact on existing hotels and hence the existing physical hotel stock.

BASELINE HOTEL CONDITIONS

Existing Supply of Pleasanton and Dublin Hotels

The 15 existing hotels in Pleasanton and Dublin were identified through internet research and review of a list of hotels maintained by Smith Travel Research, a company that tracks supply and demand data for the hotel industry and provides market share analysis. ALH Economics reviewed a list of hotels throughout the Tri-Valley area that participate in Smith Travel Research's trend analysis, which includes operating trends such as rooms, average daily room rate, demand, supply (measured by rooms available per period), and revenue, among other characteristics. ALH Economics then researched room rates for the listed hotels. From the larger set of Tri Valley hotels ALH Economics determined that hotels in Pleasanton and Dublin were

[17] Includes hotels that participate in trend analysis conducted by Smith Travel Research. Therefore, not all hotels are included. For example, the inventory does not include downtown Pleasanton's Rose Hotel with 38 rooms (considered an Upper Upscale Class hotel by Smith Travel Research) or the Pleasanton's Tri Valley Inn & Suites Economy Class hotel on Santa Rita Road with 34 rooms.
[18] "Draft Summary – Johnson Drive EDZ Fiscal Impact Analysis, City of Pleasanton," February 5, 2015, Brion & Associates, page 2.
[19] Ibid, page 2 and Table A-5.

most relevant to the market best served by the Project's hotel given its location and local economic dynamics.

Smith Travel Research classifies the existing Pleasanton and Dublin hotels into five classes of hotel, including economy, midscale, upper midscale, upscale, and upper upscale. Overall there are 2,297 rooms distributed among the 15 hotels (see Exhibit 36). Approximately 75% of the hotels are located in Pleasanton, with 25% in Dublin. The room count generally parallels these percentages. Among the hotels with known opening dates, approximately half opened prior to the 1990s, another six opened in the 1990s, and the newest hotel, the economy class Extended Stay America Dublin Hacienda Drive opened in 2000. The upscale hotels were built in the 1980s and 1990s, with the most expensive hotel, the Marriot Pleasanton, built in 1986. Notably, no new hotels have been added to this market since 2000, comprising a 16-year gap. This is the longest gap in the area's rate of hotel development.

ALH Economics conducted field reconnaissance in February 2016 to examine the physical condition of the existing hotels. All of the existing hotels were found to be in good general repair, with attractive physical conditions and no signs of urban decay or deterioration, such as litter, graffiti, weeds or rubbish. Photographs demonstrating existing conditions for all of the identified hotel properties are maintained in the ALH Economics project files.

Historic and Current Hotel Performance

Smith Travel Research provided a summary report of the performance of the 15 existing competitive hotels. This included aggregate performance data from 2009 through 2015. These data are presented in Exhibit 38. As noted in this exhibit, the average number of rooms available per year changed nominally over time, dropping from 2,312 in 2009 to 2,297 in 2015. The number of rooms sometimes changed on a monthly basis, hence the minor vacillation by year.

The Smith Travel research data also include a supply estimate, which reflects the summation of the number of rooms available per month times the number of days in the period. This is effectively a measure of the number of room nights available among the competitive supply throughout the year. Thus, in 2015, there were a total of 838,405 room nights available among the 15 hotels.

Smith Travel Research also measures demand, which is based on occupancy reported by the participating hotels. As the data in Exhibit 38 indicate, annual demand rose consistent from 2009 onward, despite the tail end of the Great Recession. This increasing demand corresponds with increasing annual occupancy rates, which changed from a low of 56% in 2009 to 81% in 2015. This 81% occupancy rate comprises the baseline for analysis of the Project. Notably, however, a hotel occupancy rate of 75% is generally considered an industry standard stabilized occupancy rate. Further, this is the rate assumed in the Brion & Associates fiscal impact study.

Over the 2009 through 2015 time period, the rate of increase in demand was lumpy, with a significant 16.5% increase from 2009 to 2010, slowing to a nominal 0.4% rate from 2013 to 2014 from 2011 to 2012, but then increasing thereafter, including an 11% increase from 2013 to 2014. Overall, hotel demand grew on annual average of 6.3% percent since 2009, and a slightly lower 4.3% from 2010 onward. These data clearly indicate that hotel demand in Pleasanton and Dublin is trending upward. Since the number of rooms effectively stayed

relatively constant from 2000 onward, the increasing demand also translated into higher occupancy rates.

PROJECT HOTEL AND CUMULATIVE HOTEL IMPACTS

Projected Hotel Demand

ALH Economics developed projections for hotel demand applicable to the existing supply based upon an economic growth projection range. The purpose of these projections was to prepare estimates of aggregate hotel occupancy rates following the Project's addition to the supply. The premise is that if hotel occupancy drops below a level considered unhealthy for the hospitality industry, then there could be some negative impacts on the market, which could raise concerns about the Project contributing to prolonged economic impacts and urban decay. Alternatively, if hotel occupancy rates are estimated to remain the same as the current baseline, or improve, then the Project would not be expected to contribute to urban decay.

ALH Economics updated the supply of existing hotel rooms to include the Project's hotel entering the market in 2018, comprising part of the Project's Phase I development. The analysis was conducted using two hotel size options – 150 rooms and 231 rooms. Thus, Project introduction would increase the supply of rooms to 2,528 for Option 1 (150 rooms) and the annual supply of room nights to 893,155. For Option 2 (231 rooms) the supply of rooms would increase to 2,528 and the annual supply of room nights to 922,720. Information about the changed number of rooms and annual supply of rooms is reflected in Exhibit 39, which projects future hotel supply and demand trends. The projection is extended to 2028 to depict projected supply and demand conditions consistent with Project buildout.

ALH Economics prepared a demand trend based upon blended employment growth trends for Pleasanton and Dublin. These trends are presented in Exhibit 40, and summarized in Table 15, and reflect a 2.1% employment growth rate from 2015-2020 and 0.6% growth rate from 2020 to 2030. These growth trends are based upon Association of Bay Area Government's employment projections, prepared in 2013.

Table 15. Projected Annual Growth Rate
Cities of Pleasanton and Dublin

	Compound Annual Growth Rate		
Period	Pleasanton	Dublin	Total
2015-2020	1.5%	3.9%	2.1%
2020-2025	0.4%	1.2%	0.6%
2025-2030	0.4%	1.3%	0.6%

Source: Exhibit 40.

Johnson Drive EDZ Hotel Impact

The projected annual estimated occupancy rates by year are also depicted in Exhibit 39, and summarized I Table 16 on the following page. As these figures indicate, by 2018, the Project's estimated year of market entry, annual average occupancy among the existing hotels, including the Project, is estimated to range from 79% to 81%, depending upon the Project's room count.

This range is projected to increase to 85% to 88% by 2028, the Project's assumed buildout year. The projected rate in 2018 for the Option 2 hotel with 230 rooms of 79% is below the 2015 stabilized rate. However, this projected rate continues to be above the industry standard stabilized rate. The buildout year 2028 rates reflect enhanced market performance relative to the baseline rate of 81% in 2015.

Table 16. Historic and Projected Occupancy
Pleasanton/Dublin Hotels and Project

	Annual Occupancy (1)		
Year	Option 1		Option 2
2009		56%	
2010		66%	
2011		71%	
2012		74%	
2013		77%	
2014		77%	
2015		81%	
2016		83%	
2017		85%	
2018	81%	to	79%
2019	83%	to	81%
2020	84%	to	81%
2021	84%	to	82%
2022	85%	to	82%
2023	85%	to	83%
2024	86%	to	83%
2025	86%	to	84%
2026	87%	to	84%
2027	88%	to	85%
2028	88%	to	85%

Sources: Exhibits 38 and 39.

Note: Projected occupancy below the dotted line.
(1) Option 1 reflects 150 rooms and Option 2 reflects 231 rooms in the Project hotel.

The analysis indicates that hotel occupancy rates initially following the assumed market entry of the Project's hotel are projected to be comparable to the high occupancy rate noted in 2015, or slightly below this rate but still above the industry standard stabilized 75% occupancy rate. Occupancy is only projected to increase thereafter, including the occupancy rate for the larger Option 2 hotel returning to the 2015 level by 2021, or three years following introduction of the Project hotel. Based on this finding, ALH Economics concludes that the Project's hotel operations are not anticipated to reduce or impact hotel occupancy to the extent that any hotels would significantly falter and operations would cease. Thus, no existing hotels are anticipated to close as a result of the Project's development and operations. Moreover, the occupancy impacts are relatively minor and short-term, with occupancy rates continually increasing each year after the assumed opening of the Project.

Cumulative Hotel Impacts

To conduct a cumulative analysis ALH Economics researched information about other planned hotel projects in Pleasanton and Dublin. The research findings about the planned supply are presented in Exhibit 41. These results provide information on two planned Dublin hotel projects, comprising a 122-room Aloft Hotel at Grafton Plaza and a 75-room hotel at Project Clover accompanying the anticipated IKEA store. As of February 2016 the Aloft Hotel project was in Planning review with the City of Dublin, and was expected to be heard by the Dublin Planning Commission in February or March 2016. Based upon the project's entitlements status ALH Economics assumes the hotel could open as soon as 2017 or 2018, either just prior to or relatively concurrent with the Project. The review date for the Project Clover hotel is not known but the project as a whole is anticipated to be completed by sometime in 2018.

Similar to the analysis for just the Project, ALH Economics prepared a future projection of hotel supply and demand and then examined the occupancy impacts pursuant to the addition of the planned Grafton Plaza hotel project. This analysis is presented in Exhibit 42 and summarized in Table 17. For analytic purposes, the Aloft Hotel was conservatively added into the supply in 2017, the Project Clover hotel was added in 2018, and the Project hotel continues to be added to supply in 2018.

Table 17. Historic and Projected Occupancy
Pleasanton/Dublin Hotels and Cumulative Projects

Year	Annual Occupancy (1)		
	Option 1		Option 2
2009		56%	
2010		66%	
2011		71%	
2012		74%	
2013		77%	
2014		77%	
2015		81%	
2016		83%	
2017		81%	
2018	75%	to	73%
2019	77%	to	75%
2020	77%	to	75%
2021	78%	to	76%
2022	78%	to	76%
2023	79%	to	77%
2024	79%	to	77%
2025	80%	to	78%
2026	80%	to	78%
2027	81%	to	79%
2028	82%	to	79%

Sources: Exhibits 38 and 42.

Note: Projected occupancy below the dotted line.
(1) Option 1 reflects 150 rooms and Option 2 reflects 231 rooms in the Project hotel.

The near term results after the addition of the new Grafton Plaza hotel in 2017 indicates that hotel occupancy is projected to decrease to 81%, comprising stability with the 81% rate noted in 2015. When the Project Clover and Johnson Drive EDZ hotels are further added to supply in 2018 the occupancy rate is projected to decrease to 73% to 75%, depending upon the Project hotel option. These projected rates are close to or above industry standard levels, and exceed levels achieved by the market as recently as 2011 and 2012. Occupancy rates are then projected to recover thereafter, reaching up to 80% by 2025 for the Project's lower room count Option 1 and 78% for the higher room count Option 2. Regardless of option, the results indicate that hotel occupancy in the Pleasanton and Dublin market is generally anticipated to remain close to or above 75% following the cumulative impacts of the planned Grafton Plaza hotel, Project Clover hotel, and the Project. Thus, market performance is anticipated to remain close to or above industry standard levels reflective of a healthy hotel market.

JOHNSON DRIVE EDZ PROJECT AND CUMULATIVE HOTEL PROJECTS IMPACTS CONCLUSION

The preceding analysis for the Project hotel indicates that occupancy impacts on the existing base of hotels will likely be limited, and that existing hotels will continue to be able to perform close to or above the industry standard occupancy rate of 75%. This finding also pertains to the cumulative impact scenario including the addition of a 122-room hotel in Dublin one year prior to the Project's assumed development and a 75-room hotel the same year as the Project's hotel. Based on these findings, ALH Economics concludes that existing hotels will not be impacted by the Project, individually or cumulatively, to the point that hotel closure is a potential risk. The CEQA urban decay implications of this finding are presented in the following chapter, Chapter IX. CEQA Urban Decay Determination.

IX. CEQA URBAN DECAY DETERMINATION

The purpose of this chapter is to assess the degree to which development of the Johnson Drive EDZ Project would or would not contribute to or cause urban decay pursuant to the economic impact analysis findings. This includes impacts associated with the Project combined with other cumulative planned retail and hotel development. This chapter discusses the definition of urban decay, the study's approach to determining urban decay potential, and ALH Economics' urban decay determination.

STUDY DEFINITION OF URBAN DECAY

For the purpose of this analysis, urban decay is defined as, among other characteristics, visible symptoms of physical deterioration that invite vandalism, loitering, and graffiti that is caused by a downward spiral of business closures and long term vacancies. This physical deterioration[20] to properties or structures is so prevalent, substantial, and lasting for a significant period of time that it impairs the proper utilization of the properties and structures, and the health, safety, and welfare of the surrounding community.

APPROACH TO DETERMINING URBAN DECAY POTENTIAL

ALH Economics engaged in several tasks to assess the probability of urban decay ensuing from Project development and the identified cumulative projects. These tasks directly result from the economic impact analysis findings regarding potential store impacts pursuant to prospective store sales losses. As a result, the urban decay determination revolved around assessing the potential for closed retail store spaces, if any, to either (a) remain vacant for a prolonged period of time such that they contribute to the multitude of causes that could eventually lead to urban decay, or (b) be leased to other retailers within a reasonable marketing period. Similar considerations were made regarding prospective hotel development as well.

The purpose of this research was to determine if sufficient retailer demand exists to absorb vacated space in the event existing retailers close due to any negative economic impacts of the Project and the development of other planned retail, as well as parallel hotel analysis. An additional purpose was to assess the potential for long-term vacancies to devolve into urban decay. ALH Economics conducted field research and reviewed third party resources to determine the commercial health of the market area.

THE CURRENT ENVIRONMENT

ALH Economics conducted fieldwork throughout portions of the City of Pleasanton and Dublin. The purpose of this fieldwork was to perform reconnaissance of the Project site, examine the physical condition of major shopping centers, commercial shopping corridors, and hotels, and identify existing retail vacancies and assess their condition and appearance. These personal observations are complemented by historical and current retail and hotel market performance

[20] The manifestations of urban decay include such visible conditions as plywood-boarded doors and windows, parked trucks and long term unauthorized use of the properties and parking lots, graffiti, and other building defacement, dumping of refuse on site, overturned dumpsters, broken parking barriers, broken glass littering the site, dead trees and shrubbery together with weeds, lack of building maintenance, homeless encampments, and unsightly and dilapidated fencing.

data, demonstrating the underlying strength or weakness of the local commercial retail and lodging markets.

Retail Market Statistics

Historically, Pleasanton has maintained a healthy retail market sector, while Dublin has experienced more fluctuations. Historical trend data in Exhibits 43 and 44 present quarterly vacancy, absorption, and new construction trends in Pleasanton and Dublin, respectively, beginning 2nd quarter 2006. Select 4th quarter 2015 market statistics are summarized in Table 18. This table indicates that the retail inventory totals 5.2 million square feet in Pleasanton and a smaller 4.0 million square feet in Dublin.

As summarized in Table 18, as of 4th quarter 2015, Pleasanton had an overall retail vacancy rate of 2.3%. This rate comprises a relative low in recent years, since hitting a peak of 6.0% in 4th quarter 2012. Prior to that time period the Pleasanton vacancy rate was as low as 1.4% in 1st quarter 2007, which is an exceedingly low vacancy rate. All of these rates, however, indicate an extremely healthy and very stable retail base throughout the city.

In general, retail markets are deemed most healthy when there is some increment of vacancy, at least 5.0%, which allows for market fluidity and growth of existing retailers. Even retail vacancy rates at the 10.0% level are generally considered a reasonably healthy retail market. Thus, the current Pleasanton retail vacancy rate of 2.3% is a very low vacancy rate and indicative of a very strong market.

Table 18. Fourth Quarter 2015 Retail Vacancy and Inventory
Pleasanton and Dublin

City	Vacancy Rate	Retail Inventory	Vacant Sq. Ft.
Pleasanton	2.3%	5,219,542	128,286
Dublin	5.9%	3,986,959	211,861

Sources: Exhibits 43 and 44.

The retail market in Dublin is not as strong as in Pleasanton, but is still operating within healthy parameters. As shown in Exhibit 44, Dublin retail vacancy peaked at 14.7% in the 3rd quarter of 2009, but dropped by 2011 to below 10.0%. Since then, vacancy was lowest in 1st quarter 2015, at 3.9%, which is an extremely low vacancy rate. The vacancy rate as of 4th quarter 2015 was slightly higher at 5.9%, but still relatively low by commercial market standards.

Generally speaking, the 2.3% vacancy rate in Pleasanton and 5.9% vacancy rate in Dublin are indicative of strong to moderate retail markets. This bodes well for the market area with respect to any potential increases in vacancy attributable to potential Project or cumulative project impacts resulting in store closures.

Representative Retail Lease Transactions

Table 19 demonstrates that retail vacancies in Pleasanton and Dublin are finding new tenants. This table summarizes 35 lease transaction in Pleasanton and 44 in Dublin for previously occupied spaces that occurred over the one-year time frame generally from late January 2014 to late January 2015.

In Pleasanton these lease transactions totaled approximately 72,311 square feet of leased space with a relatively small average of 2,066 square feet. The largest lease transaction during this timeframe was 9,694 square feet for Max Muscle Sports Nutrition (the former Iron Horse Nutrition under new ownership). Other lease transactions in Pleasanton during this timeframe included 6,124 square feet for Inklings Coffee & Tea Bar, 2,410 square feet for a fitness facility, 2,500 square feet for Mongolian BBQ, and 1,400 square feet for Academic Plus, a tutoring center.

Table 19. Pleasanton and Dublin Retail Lease Transactions
1/22/15 - 1/22/16

Type	Number of Leases	Total Sq. Ft.	Largest Space	Average Sq. Ft.
Pleasanton	35	72,311	9,694	2,066
Dublin	44	140,267	19,500	3,188

Sources: CoStar; and ALH Urban & Regional Economics.

Over the cited time period there was a greater volume of leasing activity in Dublin, in some part reflecting the higher vacancy rate and thus great supply of available retail spaces. The 44 lease transactions in Dublin totaled 140,267 square feet, with the largest fill vacancy totaling 19,500 square feet occupied by Home Goods. Other representative lease transactions over the time period included 7,200 square feet for Ethan Allen, 5,949 square feet for Sur La Table, and 5,000 square feet for a Pilates studio. There were yet numerous other smaller retail lease transactions, reflected in the overall average lease transaction size of 3,188 square feet.

This strong lease transaction information, paired with the each city's low retail vacancy rate, indicates that Pleasanton and Dublin are attractive retail markets.

Existing Vacancies

ALH Economics conducted fieldwork in Pleasanton and Dublin to assess the condition of existing retail vacancies. A selection of properties was viewed representing a range of vacancies from small to large. As a fieldwork guide ALH Economics assembled a list of existing retail vacancies, which is presented in Exhibit 45. All the properties included on this list highlighted in bold italics were photographed in February 2016 as part of the fieldwork process. These photographs, which demonstrate existing vacant retail conditions, are maintained in the ALH Economics project files along with descriptive notes on each property.

In general, the observed properties all indicate that existing market area vacancies are very well maintained, with no visible signs of urban decay or deterioration. Pleasanton and Dublin contain many small neighborhood-serving retail centers as well as larger community-oriented retail options. Some of these centers are over 30 years of age. Despite their age, these centers have low vacancy rates and are generally well maintained. This includes Mission Plaza, which contains only one small vacancy that is actively being marketed. Some retail centers have been remodeled or rehabilitated in recent years. This includes the Vintage Hills Plaza, which is anchored by a New Leaf Market, and Shamrock Village, which is currently being remodeled.

Many of the centers have no visible vacancies. The Pleasanton Square Shopping Center and Meadow Plaza, amongst others, are 100% occupied. For those centers not 100% occupied, the

properties are well maintained and most vacancies are actively being marketed. An example is at 2803 Hopyard Road, a former Straw Hat Pizza, which is actively being marketed. This property is adjacent to other retail options that are characterized by very low retail vacancy rates. Rose Pavilion, a larger community-oriented retail center in Pleasanton, contains three medium to larger vacancies. Within this center, CVS relocated to a new site within the center, Ethan Allen moved to the newly constructed Persimmon Place in Dublin, and Fresh and Easy Market closed all stores in California. All three of these vacant retail spaces are well maintained and located adjacent to active retail options within the shopping center. During fieldwork observation the center had heavy shopping volume because of the Macy's Furniture store, Ranch 99 Market, and other retail options. Moreover, while vacant for several years, the CVS space, which is owned by CVS, has recently been acquired by the shopping center's owner.

A few of the observed shopping center parking lots show some signs of minor cracking of the pavement. This included Gateway Square and Val Vista Center. This cracking is largely normal wear and tear and minor cracking of pavement is common with older shopping centers. Both centers did not exhibit signs of decay and Val Vista Center is 100% occupied. Some of the older centers are poorly oriented relative to the street, which is not favorable. This includes Valley Plaza; however, despite this center's poor orientation, only two retail vacancies were observed, one which appears to be backfilled by a new Thai restaurant.

The Project's market area is characterized by very few long-term vacancies. One such vacancy is the former Borders bookstore space at Metro 580. This approximately 30,000-square-foot space was vacated in 2011 when Borders went bankrupt. Numerous prospective users negotiated over the space over the years, and reports are that Party City will be relocating to the space soon, opening in early 2016. This will entail Party City's relocation from Dublin. Despite this long-term vacancy, this property has been well-maintained over the years. Since the pool of demand is smaller for larger tenant spaces such as the former Borders bookstore space these spaces can often remain vacant longer than small shop spaces with a great pool of tenant demand. Moreover, negotiations and tenant improvements can also be time consuming for these larger tenant spaces. Thus, longer-term vacancies are not necessarily an indicator of poor commercial market health, and property owners are motivated to maintain the properties in good physical condition to maximize potential tenant interest.

One indicator of urban decay is chronic trash and litter. A small amount of trash was observed in the parking lot of the former Denny's restaurant at 6455 Owens Drive. However, the trash appeared to be mostly fast food containers due to the proximity to nearby fast food restaurants and did not appear to be a chronic problem. Overall, the Pleasanton and Dublin vacancies were found to be well maintained with no visible signs of urban decay, especially with regard to boarded up windows, graffiti, or visible signs of trash.

Retail Backfilling Examples

As demonstration of the potential for backfilling of retail vacancies, including any vacancies that might result from project or cumulative project's sales impacts, ALH Economics compiled a list of examples of backfilled tenants, with a focus on larger tenant spaces backfilled in Pleasanton. The above discussion regarding retail lease transactions demonstrates the ability for smaller retail spaces to be backfilled in the market area.

The representative list of larger backfilled retail vacancies, presented in Exhibit 46, includes 5 examples of backfilled tenant spaces, comprising 136,500 square feet of space. This includes the above-referenced Borders bookstore space. The average space cited totals approximately 27,300 square feet, and period of vacancy for the properties ranged from approximately 1 year to up to 5 years for the Borders space. The distance of these properties from the Project site range from 1.2 miles to 3.8 miles.

The quantity of good-sized retail backfill examples in just Pleasanton is a very strong indicator of the reuse potential of larger retail spaces and the attraction of the market area. The information in Exhibit 46 identifies the current tenant and the prior tenant. Other examples beyond the Borders/Party City transition include CompUSA's closure in 2006 and subsequent backfilling of approximately 17,500 square feet by Smart & Final. The 2010 closure of Nob Hill Grocery's 30,000-square-foot store was later backfilled by Walmart Neighborhood Market. Another example of a new large grocery store tenant includes 99 Ranch Market taking over the 45,000 square feet vacated by Levitz Furniture in 2008 after a two-year vacancy. Finally, in 2011 Fresh & Easy took over an approximate 10,000-square-foot space after Fitness Express closed in 2010. After Fresh & Easy vacated the California market this space again became vacant in 2015; however, Fresh & Easy continues to hold the lease for the space, and thus it is not currently available to the market.

These backfilled retail space examples demonstrate that the market has the ability to backfill retail vacancies, including former grocery store space as well as larger spaces. This is in addition to the high demand demonstrated for smaller retail spaces as well. This information suggests that any retail vacancies that might occur in the Project's market area as a result of Project or cumulative project impacts will be well-maintained during any period of vacancy and will not contribute to conditions of urban decay or deterioration.

REGULATORY CONTROLS

Owners of commercial retail properties are generally financially motivated to maintain property in a manner appropriate to retain existing tenants and attract new retail tenants. This appears to be the case in the Project's market area as evidenced by the overall positive prevailing physical condition of the market area's retail vacancy. If property owners lag, however, and property maintenance begins to show signs of deferred maintenance or other disrepair, both of the market area cities have regulatory controls that can be implemented to avoid the onset of deterioration or decay. A review of these regulations by market area city follows.

City of Pleasanton

City ordinances such as the City of Pleasanton Municipal Code of Ordinances Chapter 9.08 on Litter, Chapter 9.20 on Garbage, Chapter 9.28 on Property Maintenance, Chapter 9.34 on Graffiti Abatement, Chapter 11.44 on Removal of Vehicles from Private Property, and Chapter 20.65 on International Property Maintenance Code require property owners to maintain their properties so as not to create a nuisance by creating a condition that reduces property values and promotes blight and neighborhood deterioration.[21] Chapter 9.28.020 on Unlawful Property Maintenance covers many property nuisances such as, but not limited to, "broken or discarded furniture, household equipment and furnishings or shopping carts when visible from a public street," "Overgrown vegetation visible from a public street likely to harbor rats, vermin

[21] City of Pleasanton, "Municipal Code," http://qcode.us/codes/pleasanton/ (accessed January 2016).

or other nuisances or which obstructs the view of drivers on public streets or private driveways, or which impedes, obstructs or denies pedestrian or other lawful travel on sidewalks, walkways, or other public rights-of-way," "Packing boxes, cardboard boxes, lumber, junk, trash, barrels, drums, salvage materials, or other debris kept on the property for an unreasonable period and visible from a public street," "Buildings which are abandoned, partially destroyed, left in an unreasonable state of partial construction or have been declared substandard or dangerous by the building official," "Buildings with windows containing broken glass or no glass at all, where the window is of a type which normally contains glass, which constitutes a hazard and/or invites trespassers and malicious mischief. Plywood or other material used to cover such window space, if permitted under this code, shall be painted in a color or colors compatible with the remainder of the building," "Building exteriors, walls, fences, driveways, sidewalks, or walkways which are maintained in defective or unsightly condition," and "Maintenance of property out of harmony or conformity with the standards of the neighborhood."[22] The enforcement of these ordinances can help prevent physical deterioration due to any long-term closures of retail spaces.

Pleasanton's Code Enforcement Division is part of the Community Development Department and comprises one Senior Code Enforcement Officer. Code enforcement within the City of Pleasanton is done on a mainly reactive basis through complaints made by the public, with obvious and dangerous enforcement done on a proactive basis.[23] Public complaints can be made through the City's website, through the Mobile Citizen App, and by calling the Code Enforcement Division directly. The process for abating the violation depends on the severity and hazard level of the violation. Typical violations are resolved between seven to 30 days.[24] When a violation occurs the property owner will receive a written notice from the city, and the owner is given a reasonable amount of time, but no less than 15 calendar days, to fix the nuisance, as well as suggested methods for correcting the violation. If nothing is done to correct the violation, an administrative hearing will be held to determine whether or not a violation has occurred. After the administrative hearing, the case will either continue on to City Council or the owner will be given a certain amount of time to correct the violation. If the owner continues to not abate the violation, the City Manager shall cause it to be abated by city employees or by private contract. The costs shall be billed to the owner, as specified in Section 9.28.13 or a lien will be placed on the property.[25] According to the City of Pleasanton, "over 90 percent of all reported problems are resolved on the initial contact by Code Enforcement Officers."[26]

In 2013 the Code Compliance Division opened 532 cases and closed 531, providing a closure rate of 99%; in 2014 561 cases were opened and 552 were resolved, resulting in a closure rate of 98%; and in 2015 517 cases were opened and 476 were resolved, with some carrying over into 2016, providing a closure rate of 99%. The majority of these cases are violations related to property maintenance, signs, encroachments, residential zoning, commercial zoning, business licenses, trailer parking, noise, garbage, and heritage trees. Code Compliances estimates that

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[22] City of Pleasanton, "Chapter 9.28 Unlawful Property Maintenance," http://qcode.us/codes/pleasanton/ (accessed February 2016).
[23] Code Enforcement Department, Senior Code Enforcement Officer, City of Pleasanton; interview conducted January 2016.
[24] Ibid.
[25] City of Pleasanton, "Municipal Code Chapter 9.28 Property Maintenance," http://qcode.us/codes/pleasanton/ (accessed February 2016).
[26] City of Pleasanton, "Code Enforcement," http://www.cityofpleasantonca.gov/gov/depts/cd/code/default.asp (accessed February 2016).

65% of cases relate to residential property and 35% relating to commercial property. The majority of commercial property violations comprise sign violations, construction noise violations, business licenses violations, zoning violations, conditions of approval violations, and design review violations. Graffiti violations are handled through the Police Department and given to either the Operations Service Center if located on public property or Code Enforcement if located on private property for abatement and are removed within 10 days after notification.[27]

City of Dublin

City ordinances, such as the City of Dublin Municipal Code of Ordinances Chapter 5.32 on Solid Waste Management, Chapter 5.64 on Property Maintenance, Chapter 5.66 on Maintenance of Foreclosed Residential Properties, Chapter 5.68 on Graffiti, Chapter 5.70 on Weeds and Refuse, and Chapter 6.80 on Abatement of Abandoned Vehicles, require property owners to maintain their properties so as not to create a nuisance by creating a condition that reduces property values and promotes blight and neighborhood deterioration.[28] Enforcement of these ordinances can help prevent physical deterioration due to any long-term closures of retail spaces. Code enforcement in Dublin is managed by the City's Community Development Department and includes one full time Senior Code Enforcement Officer, who primarily enforces the Zoning Ordinance, Residential Property Maintenance Ordinance, Non-Residential Property Maintenance Ordinance, Graffiti Ordinance, and other relevant public nuisance ordinances on occasion. This position is assigned to the Planning Division and reports to the Assistant Community Development Director. In addition, the Building Division is responsible for the enforcement of the California building code and other related City adopted technical codes. The assigned building code enforcement officer reports directly to the Building official.

Code enforcement is done on both a pro-active and complaint basis. Community Development staff work with business owners, residents, outside agencies, and other City departments to resolve any violations. Citizens can report code violations by calling, using the online form, by U.S. mail, or in person.[29] Once a violation has been determined, a written notice is issued to the property owner in person or by mail and the owner is given a reasonable amount of time to abate the nuisance.[30] Most routine violations are resolved within two-three weeks; however, this timeframe varies based on the nature of the violation.[31] According to the Code Enforcement division most violations are resolved after initial contact is made; however, if violations are not corrected, "within a reasonable amount of time, there are a number of additional actions that can be taken by the City to achieve compliance including: mediation, citation, abatement, lien, and/or judicial proceedings."[32]

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[27] Code Enforcement Department, Senior Code Enforcement Officer, City of Pleasanton; interview conducted January 2016.

[28] City of Dublin, "Municipal Code," http://www.codepublishing.com/CA/Dublin/ (accessed February 2016).

[29] City of Dublin, "Code Enforcement," http://dublinca.gov/1635/Code-Enforcement (accessed February 2016).

[30] City of Dublin, "Municipal Code," http://www.codepublishing.com/CA/Dublin/ (accessed February 2016).

[31] Code Enforcement Department, Senior Code Enforcement Officer, City of Dublin; interview conducted February 2016.

32 City of Dublin, "How Compliance is Achieved," http://dublinca.gov/727/How-Compliance-is-Achieved (accessed February 2016).

Also, according to Municipal Code Chapter 7.52.140:

> If the nuisance is not abated within the time period set forth in the abatement order, the Enforcement Official may cause the nuisance to be abated by city employees or private contract in accordance with appropriate procedures applicable to the city. Absent consent to enter the subject property for the purpose of nuisance abatement, the City Manager shall direct the City Attorney to obtain the necessary judicial authority for entry and abatement purposes. All costs incurred by the city in abating the nuisance shall be chargeable to the property and shall be collected as hereinafter provided.[33]

According to the Senior Code Enforcement Officer the annual closure rate for violations is very high and the most common complaints include unkempt residential front yards, overgrown vegetation and weeds, litter junk debris stored in yards, and inoperable vehicles. The majority of code violation cases occur in the residential districts, comprising a three year average (2013-2015) of 64%, with 36% Commercial code enforcement cases. The majority of commercial cases involve Sign regulation, Temporary Use Permits, Conditions of Approval, and Graffiti abatement.[34]

Summary

During the fieldwork conducted in February 2016 there were limited visible signs of litter, graffiti, weeds, or rubbish associated with existing commercial retail nodes and corridors in the Project's market area. There appear to be isolated examples of cracked parking lot pavement and light trash, but these are not endemic throughout the market area. Instead, vacant commercial retail examined properties were reasonably well-maintained with no significant signs of decay or deterioration. Thus, ALH Economics concludes that existing measures to maintain private commercial property in good condition in the cities of Pleasanton and Dublin are effective and would serve to preclude the potential for urban decay and deterioration in the event any existing area retailers or hotels close following the operations of the Project and any cumulative projects.

POTENTIAL FOR URBAN DECAY RESULTING FROM THE PROJECT

Contributing Causes to Urban Decay

Before considering how the Project and cumulative projects might affect the market and environs, it is useful to focus on what constitutes the *environmental* impact known as urban decay. The leading court case on the subject, *Bakersfield Citizens for Local Control v. City of Bakersfield* (2004) 124 Cal.App.4th 1184, 1204, described the phenomenon as "a chain reaction of store closures and long-term vacancies, ultimately destroying existing neighborhoods and leaving decaying shells in their wake." The court also discussed prior case law that addressed the potential for large retail projects to cause "physical deterioration of [a] downtown area" or "a general deterioration of [a] downtown area." (Id. at pp. 1206, 1207).

33 City of Dublin, "Municipal Code," http://www.codepublishing.com/CA/Dublin/ (accessed February 2016).

34 Code Enforcement Department, Senior Code Enforcement Officer, City of Dublin; interview conducted February 2016.

When looking at the phenomenon of urban decay, it is also helpful to note economic impacts that do not constitute urban decay. For example, a vacant building is not urban decay, even if the building were to be vacant over a relatively long time. Similarly, even a number of empty storefronts would not constitute urban decay. Based on the preceding descriptions regarding urban decay, therefore, ALH Economics' analysis examined whether there was sufficient market demand to support the Project without affecting existing retailers so severely such as to lead to a downward spiral toward decay of the commercial real estate market.

Project and Cumulative Project Vacancy Impacts

The preceding analysis indicated that Phase I development of the Project could result in the closure of an existing grocery store, with the level of sales impact equivalent to approximately 36,000 square feet of food store space. By the time of Full Buildout there are only negligible sales impacts, anticipated to contribute to no store closures. The cumulative projects analysis indicates the potential for up to 111,200 square feet of unmet demand by Phase I, increasing to approximately 154,800 to 267,650 square feet by Full Buildout anticipated in 2028.

Given the size of the combined Pleasanton and Dublin retail base, it would take about 92,500 square feet of incremental vacancy to increase the vacancy rate by 1.0%. Thus, the prospective Phase I Project or cumulative project impacts would raise the combined area vacancy rate by just over 1.0%. The cumulative project impacts by Full Buildout could result in a higher vacancy rate increase, but still relatively low at 1.7% to 2.9%. The combined cities vacancy rate is currently 3.9%.. A 1.7% to 2.9% increase in this vacancy rate would increase the rate to 5.5% to 6.8%. These rates are within the range previously experienced by Pleasanton and Dublin, and within the 5% to 10% range generally deemed sufficient to maintain a healthy retail market, which includes some increment of vacancy to allow for market fluidity and growth of existing retailers. Thus, this potential increment in retail vacancy is not perceived to be detrimental to the real estate sector, and hence the physical environment of the Project's market area. Further, the actual increment in vacancy will be less because as new development occurs the inventory will increase, so the vacancy will be a smaller percentage of the increased base.

In addition to increasing the prevailing vacancy rate by a nominal amount, the market has demonstrated the ability to backfill retail vacancies, including larger vacancies such as might be caused by the closure of a grocery store. The examples presented in Exhibit 46 demonstrate that the market is resilient and that larger scale vacancies can be successfully backfilled. This provides support and evidence to suggest that continued backfilling can occur, without risk the market devolving into urban decay.

Urban Decay Conclusion

In developing a conclusion regarding the potential for urban decay, ALH Economics relied on the definition presented earlier in this chapter, which focused on determining whether or not physical deterioration would likely result from the opening of the Project and other cumulative developments. ALH Economics' conclusion is based on consideration of current market conditions, findings regarding sales and vacancy impacts, and regulatory controls, as summarized below:

> ***Current Market Conditions***: The fieldwork and market research indicated that retail market conditions are moderate to very strong in the market area's

core commercial areas, with low to moderate retail vacancy rates. Retail leasing activity is strong and existing vacancies are well maintained.

Sales and Vacancy Impacts: The findings suggest the Project's Phase I development could result in the closure of one grocery store and that at Full Buildout the cumulative project impacts (including the Project) could result in a modest increase in the market area's vacancy rate, as new market area demand will not be sufficient to support all the competitive retail space. While the grocery store closure is deemed unlikely, due to factors such as the anticipated distribution of impacts and the lack of variety and bulk orientation of goods available at club retail stores, even if the modest amount of vacancy occurs, the resulting vacancy rate increment will be nominal, with the resulting vacancy rate well within the range indicative of a healthy retail market. Moreover, the market's demonstrated retail absorption, including backfilling of larger retail spaces, coupled with the strong to moderately strong market conditions, suggest that vacancies that might occur as a result of the cumulative project impacts would likely be backfilled within a reasonable time and not be characterized by prolonged vacancy.

Even if some sites experience prolonged vacancy because they might be of a size that experiences less demand or they are located in shopping centers with poor visibility or other undesirable characteristics, the prevailing conditions in the market area suggest that these vacancies would be well-maintained and would not devolve into urban decay or deterioration. Moreover, it should be noted that when tenants vacate prior to lease expiration, they continue to be responsible for rent and their share of building operating expenses, such as the Fresh & Easy example in Exhibit 46. While not all tenants would have the wherewithal to continue these payments, national or regional retailers are more likely to have this capability. This is an important consideration because landlords would continue to receive income on these vacated spaces through committed lease payments, which means they would have available financial resources to continue to maintain their properties.

Regulatory Controls: During Project-related fieldwork conducted in February 2016, ALH Economics found there were little-to-no visible signs of litter, graffiti, weeds, or rubbish associated with existing commercial nodes in the Project's market area. Thus, ALH Economics concludes that existing measures to maintain private commercial property in good condition in Pleasanton and Dublin are generally effective and would serve to help preclude the potential for urban decay and deterioration in the event any existing retailers in the market area close following the operations of the Project and other cumulative retail projects.

In conclusion, while some existing stores may experience negative impacts following the addition of the Project, evidence suggests that closed store spaces would not exhibit traditional signs of deterioration and decay, such as graffiti, refuse dumping, and dilapidated fencing. Existing vacant spaces throughout the market area appear well-maintained, including longer-term vacancies. This, plus the recent area leasing activity, indicates that the Project's market area is an inherently appealing retail market. Based upon these findings, ALH Economics

concludes that the Johnson Drive EDZ Project and the identified cumulative projects will not cause or contribute to urban decay.

X. FISCAL IMPACT ANALYSIS

The purpose of this study chapter is to present a net fiscal impact analysis of the Project components included in the economic impact analysis. This includes the new general retail, club retail, and hotel development included in the analysis. The chapter discusses the anticipated City of Pleasanton General Fund revenues anticipated to be generated by the Project, the associated expenditures to service the Project, and the net fiscal impact, both at the completion of Phase I and on an annual recurring basis after buildout. All of the fiscal impact analysis findings are documented in a series of exhibits. These are referenced in the text and include Exhibits 47 through 57. Because the analysis includes two time periods (Phase I and Full Buildout) and two hotel options the findings do not lend themselves to text table presentation.

APPROACH TO THE ANALYSIS

In February 2015 Brion & Associates prepared a draft memorandum pertaining to the Johnson Drive Economic Development Zone for the Project applicant. This memorandum is titled "Draft Summary – Johnson Drive EDZ Fiscal Impact Analysis, City of Pleasanton," and is dated February 5, 2015. The analysis in this memorandum was prepared for the entire 40-acre area under consideration for designation as an EDZ. The Brion & Associates analysis was prepared for five site project scenarios, which included a mix of club retail, hotel, retail, HQ office, and office space.

ALH Economics was directed to use as much of the Brion & Associates analysis as possible in preparing a fiscal impact analysis specific to the Project included in the economic impact analysis. This pertains to the club retail space, general retail space, and hotel development to be developed above the existing base of retail space. ALH Economics therefore reviewed the Brion & Associates analysis, identified the key assumptions relevant to the Project, and updated select factors pursuant to the passage of time since completion of the Brion & Associates study. The Brion & Associates study was benchmarked to the City of Pleasanton's Fiscal Year 2014/15 Operating Budget. ALH Economics benchmarked the current Project fiscal impact analysis to the Fiscal Year 2015/16 Operating Budget where relevant. Exceptions to this update are noted in the following fiscal impact analysis presentation.

In general, the Brion & Associates analysis is based upon the average cost approach to fiscal impact analysis. In this approach, costs are derived by determining an average cost to provide existing services on a per capita basis for the relevant population served, which is then applied to the comparable population base for the project under study. In this approach revenues are also sometimes calculated on a per capita basis as well, with other revenues estimated based upon a project's anticipated performance or valuation. The ALH Economics analysis parallels the Brion & Associates approach to General Fund revenues and expenditures. Therefore, this current analysis relies upon the Brion & Associates report as a source document. The logic or support for the resulting fiscal impact factors or assumptions can be found in the referenced Brion & Associates report and are not repeated herein except as warranted to support the current analysis.

FISCAL ASSUMPTIONS

The fiscal impact analysis is dependent upon key assumptions and building blocks. These are presented in Exhibits 47 through 50, which include inputs to the analysis. Following is a review of these key assumptions and building blocks.

Project Description, Employment, and Service Population Estimates

Exhibit 47 summarizes the proposed Project development program as reviewed earlier. For analytic purposes, ALH Economics bases the analysis on occupied square feet. As noted there are two hotel options. One option includes 150 rooms (Option 1) and one option includes 231 rooms (Option 2). The employment assumption is sourced to the Brion & Associates study, and includes an estimated 800 square feet per club retail employee, 400 square feet per general retail employee, and 3,000 square feet per hotel employee. For this analysis ALH Economics applies the general retail employment density assumption to occupied square feet. The result includes a range of 226 to 241 employees for Phase I development and an increment of 437 employees to full buildout, for a cumulative total of 663 to 678 employees. These employment estimates provide a foundation for estimating the Project's "service population," which is estimated to range from 113 to 120 for Phase I, an additional 219 to full buildout, and a cumulative total of 332 to 339. These service population estimates comprise one-half the estimated employees, on the assumption that employees do not require the same level of service as residents. This is an industry-standard assumption reflected in the Brion & Associates study and is relevant to the calculation of average cost city expenditures as well as some revenues.

City of Pleasanton Demographic, Employment, and Tax Characteristics

Exhibit 48 contains many of the baseline assumptions and information necessary to generate estimates of City of Pleasanton revenues and expenses applicable to the Project. Unless other cited, these figures all match the Brion & Associates analysis. These include population and employment estimates used to generate the size of the City's existing service population for the purpose of deriving existing average cost expenditures and some per capita revenues. These estimates are the same as included in the Brion & Associates study for 2015 and include a population base of 73,500 and an employment base of 58,520. Based on the assumption that each employee is equivalent to one-half a resident, the City's service population is estimated to total 102,760.

This exhibit also includes key tax-related information unique to Pleasanton, such as property and sales tax rates, vehicle in lieu of property tax revenues, and assessed property valuation, all of which are germane to the fiscal impact analysis as noted in subsequent exhibits. Most relevant is the City's estimated share of the basic 1% property tax rate collected by the County, which is 24.64%. In addition, the exhibit indicates the City's sales tax rate is 1.0% and Transient Occupancy Tax (TOT) is 8% of hotel revenues.

Finally, this exhibit also includes information on the City of Pleasanton's Vehicle in Lieu of Property Tax Revenues, which was updated from the Brion & Associates study to reflect the FY 2015/16 budget. This figure is $5,580,000. This revenue item is generated on the basis of property valuation increases. Toward this end, ALH Economics also updated the City's projected assessed valuation, to also reflect the FY 2015/16 budget, estimated at almost $19.6 billion.

Taxable Project Sales

The City of Pleasanton will receive sales taxes based upon the taxable portion of the Project's sales. This excludes the portion of club retail sales assumed to be made to wholesale consumers with a resale license. It will also exclude taxable sales that might be diverted from existing retailers. The economic impact analysis identified estimates of sales diverted from existing market area retailers, but does not differentiate between retailers in the portion of the market area in the City of Pleasanton or the City of Dublin. To be conservative, this analysis assumes as a worst case scenario that all these sales are diverted from existing Pleasanton retailers as opposed to retailers outside of Pleasanton. This represents a cautious approach because it results in the maximum reduction in the Project's potential taxable retail sales.

The amount of Project sales providing the basis for sales tax for the Project is derived in a series of three exhibits. Exhibit 49 includes the estimate of all taxable sales, regardless of the amount that might be diverted from existing retailers (i.e., excluding wholesale purchases). When gas sales occur, they are fully loaded with all applicable taxes. Thus, ALH Economics assumes that the estimated portion of Gasoline Station sales for the Project includes taxes. Therefore, analysis is presented in Exhibit 50 that estimates the portion of gasoline sales that is the taxable basis, to which the City's 1.0% sales tax rate would be applied to estimate sales tax. Finally, Exhibit 51 presents the estimate of Project-related taxable sales that will comprise net new taxable sales to the City of Pleasanton. This takes into account the earlier Project sales impacts identified at the end of Phase I and at Full Buildout (e.g., no sales impacts are estimated at this time).

The findings in Exhibit 51 result in net new taxable sales estimated to accrue to the City of Pleasanton totaling $94.5 million at the end of Phase I, an additional $69.0 million attributable to the incremental development between 2018 and Full Buildout, and a grand total of $163.5 million per year at Full Buildout, all in 2015 dollars. This Full Buildout figure will likely increase nominally within a year of full completion of the Project as the small increment of sales impact in the Clothing & Clothing Accessories category is absorbed through new demand generated after the Full Buildout date (see Exhibit 30 for the sales impact figure).

Currently, the Johnson Drive EDZ generates limited taxable retail sales, estimated to total $8.3 million in Fiscal Year 2015. This figure was derived by ALH Economics from reported sales tax revenues of $83,432.[35] These taxable retail sales were generated by four businesses. However, for reasons of confidentiality, the City cannot disclose the sales taxes generated by the individual businesses.

Johnson Drive EDZ Project Property Valuation

Exhibit 52 presents the assumptions and conclusions regarding the property valuation of the Project upon the completion of development and the estimated property tax revenues that will accrue to the City of Pleasanton General Fund. The valuation is based on value per square foot assumptions prepared by Brion & Associates. These values are $300 per square foot for club retail, $400 per square foot for general retail, and $300 per square foot for hotel.[36] The

[35] Provided by the City of Pleasanton Finance Department, pursuant to the City's tax consultant, Hinderliter de Llamas.

[36] ALH Economics believes the hotel valuation figure may be low given the current hotel concept. However, for the sake of both consistency and conservatism this fiscal impact analysis continues to assume the $300 per square foot value included in the Brion & Associates analysis.

resulting values are $72.7 to $85.9 million for Phase I development, depending upon hotel option; and $69.9 million for the incremental general retail space built between 2018 and Full Buildout in 2028. Thus, the total Project valuation at Full Buildout is $142.6 to $155.8 million.

As a point of comparison, in 2014 the assessed value of the parcels in the Johnson Drive EDZ totaled $41.7 million.[37] Assuming the value of the properties increased 2% from 2014 to 2015 pursuant to the provisions of Proposition 13, this would place the current value of the properties at about $42.6 million in 2015.

FISCAL REVENUE ESTIMATES

The revenue calculations for the fiscal impact analysis are presented in Exhibits 52 through 55. A summary of these exhibits and their primary purpose follows.

Johnson Drive EDZ Property Taxes

Exhibit 52 also includes estimates of the property taxes that will accrue to the City of Pleasanton's General Fund pursuant to Project development. Based on the estimated valuation and pursuant to the City of Pleasanton's share of property tax revenues, the Project is estimated to generate $179,133 to $211,658 in property taxes at the end of Phase I and $351,450 to $383,975 at Full Buildout.

Pursuant to the estimated existing Johnson Drive EDZ valuation of $42.6 million, ALH Economics estimates that the City of Pleasanton currently receives an estimated $105,000 in annual property taxes.

Tax in Lieu of VLF Estimates

Property Tax in Lieu of Vehicle License Fees (VLF) is derived from the Project's anticipated contribution to increased property valuation throughout the City of Pleasanton. This is the method by which such tax revenues are estimated by the State of California and redistributed to local jurisdictions. This is a state substitute for prior motor vehicle license taxes that were redistributed by the State to municipalities. The results of these calculations presented in Exhibit 53 indicate that the incremental value associated with the Project is estimated to increase the City of Pleasanton's assessed valuation by 0.73% to 0.80% upon Full Buildout. The VLF Revenues associated with this increase range from $20,711 to $24,472 at the completion of Phase I, an additional $19,923 at Full Buildout, for a total of $40,634 to $44,395 for the entire Project at Full Buildout.

Select City of Pleasanton General Fund Revenue Factors

The Brion & Associates study identified a number of per capita revenues applicable to Project employees. These are included in Exhibit 54. The factors under "Daytime Population Factors" exactly match the factors calculated by Brion & Associates. ALH Economics did not adjust these factors based on the more current City of Pleasanton Operating Budget because their derivation involved several steps that were not readily adaptable to a more current budget. Matching these figures to the Brion & Associates analysis is therefore conservative, as it does not adjust for modest increases anticipated between fiscal years. These factors total $72.68 per daytime

[37] Brion & Associates Memorandum, Table A-4.

population, which is equivalent to $36.34 per employee pursuant to the study's approach to estimating service population.

Exhibit 54 also includes "Sales Tax Factors" that pertain to sources other than the Project's taxable retail sales. These include retail sales tax pursuant to employee taxable spending in Pleasanton and anticipated local taxable retail spending by hotel guests. These factors were derived from analysis in the Brion & Associates study, and include $26.38 a year per employee and $0.50 per occupied hotel rom.

Select City of Pleasanton General Fund Revenues

Exhibit 55 presents estimated General Fund revenues associated with sales tax, transient occupancy tax (TOT), and employee-based revenues. All of the revenues factors were presented earlier, such as the Project's estimated taxable sales net new to the City of Pleasanton, the per employee and per occupied hotel room annual sales tax, TOT rate, and the per employee General Fund revenues. The only piece of information new to this exhibit includes the assumptions relevant to the TOT estimate. For this revenue source, the analysis assumes the same $125 hotel room rate assumed in the Brion & Associates study. ALH Economics believes this is conservative given hotel room rates in the Pleasanton and Dublin area as presented in Exhibit 55, but using a conservative room rate results in a conservative estimate of TOT revenues. The analysis further assumes the same 75% occupancy rate assumed by Brion & Associates. Thus, for Option 1's 150 rooms there will be an estimated 41,062.5 occupied room a year, increasing to 63,236.25 for Option 2's 231 rooms.

The revenue estimates in Exhibit 55 include $814,819 in Project-generated retail sales tax at the completion of Phase I, increasing to $1.7 million a year at Full Buildout (this compares to $83,432 in sales taxes generated in Fiscal Year 2015 from existing Johnson Drive EDZ businesses). This is the largest revenue source included in Exhibit 55, followed by TOT taxes of $410,625 to $632,363 a year beginning with the completion of Phase I. All other revenues included in this exhibit are estimated to total approximately $30,000 or less a year, even at Full Buildout.

FISCAL EXPENDITURES ESTIMATES

The Brion & Associates Memorandum calculated fiscal expenditures based upon the average cost methodology. This approach as implemented by Brion & Associates looks at departmental costs, estimates the amount likely to vary with the size of the population served, determines the share likely to be applicable to employment-generated uses, and derives a per employee expenditure estimate. ALH Economics replicated the Brion & Associates analysis using projected City of Pleasanton expenditures from the FY 2015/16 Operating Budget. The sole exception to replicating the Brion & Associates approach pertains to the estimation of Offsetting Revenues. For this column, ALH Economics could not fully replicate the Brion & Associates approach because some matching figures could not be found in the FY 2015/16 Operating Budget. In these cases, ALH Economics calculated the percent offsetting revenues from the Brion & Associates analysis and applied these percentages to the departmental revenues to deduce the offsetting revenue amounts. This is explained and documented in Exhibit 56.

The expenditures analysis documented in Exhibit 56 results in a per employee annual expenditure estimate of $293.63. The comparative figure in the Brion & Associates Memorandum based upon Fiscal Year 2014/15 expenditures is $269.69.

NET FISCAL IMPACT

The results of the Project fiscal impact analysis are presented in Exhibit 57. These findings present the estimated annual revenues and expenditures accruing to the City of Pleasanton's General Fund at completion of Phase I and at Full Buildout of the Project. The results are also presented for the two hotel options. As referenced earlier, the analysis assumes a worst case analysis, in that all diverted taxable sales are diverted from City of Pleasanton retailers. This is conservative in that taxable sales diversions, if they occur, are likely to pertain to retailers throughout the Project's market area.

Summary of Revenues

The fiscal impact findings indicate that on an annual basis, the Project is estimated to generate $1.5 to $1.7 million in gross revenues to the City of Pleasanton at the completion of Phase I, depending upon the hotel room count option. These revenues are projected to increase to $2.5 to $2.7 million upon Full Buildout. The largest General Fund revenue component is retail sales tax estimated at $0.8 million for Phase I and $1.6 million for Full Buildout. All other General Fund revenues are much lower, with property taxes comprising the next largest General Fund revenue source followed by Transient Occupancy taxes. There are likely to be yet additional General Fund revenues generated by the Project, but the most substantial revenue sources are reflected in Exhibit 57.

Summary of Expenditures

The average General Fund expenditures estimated to be attributable to the Project total $66,422 to $70,728 annually at the completion of Phase I and $194,764 to $199,071 annually at the completion of Full Buildout. This reflects the average City of Pleasanton service costs for General Government, Community Development, Operations Services, Community Services, Library, Police, and Fire. These are the estimated average service costs for the Project's estimated employees.

These expenditures estimates do not include any City of Pleasanton cost allocation for the Project's transportation costs. It is possible the City of Pleasanton may be responsible for a portion of the Project's transportation costs. However, the amount of this expenditure is not presently identified and will be ultimately determined by the Pleasanton City Council. Thus, Project expenditures may increase by some as yet unidentified amount.

Net Fiscal Impact Summary

The net result of the Project's fiscal impact at stabilized operations assuming on a worst case basis that all diverted sales are diverted from Pleasanton retailers, is a projected $1.4 to $1.7 million annual contribution to the City of Pleasanton's General Fund at the completion of Phase I. This net revenue estimate increases to $2.1 to $2.3 million annually upon Full Buildout. At full buildout these net fiscal revenues represent an annual contribution equivalent to approximately 2.1% to 2.3% of the City's General Fund expenditures.

As noted above, the Project expenditures analysis does not include any potential City of Pleasanton share of Project-related transportation costs. The expenditure of any such costs will result in a reduction in the Project's estimated annual net fiscal revenues.

Sensitivity Analysis for Reduced Club Retail Sales

The Brion & Associates analysis of the Johnson Drive EDZ included a lower per square foot sales estimate for the Project's club retail space. This figure was $700 per square foot vs. the $1,152 per square foot figure included in the economic impact analysis.[38] Net fiscal impacts results reflecting this lower $700 per square foot club retail sales performance estimate are included in Exhibit 57, pursuant to sensitivity analysis. These results indicate that if the club retail space achieved this lower level of sales performance that the Project's Phase I net fiscal impact would range from $1.1 to $1.4 million. This net fiscal impact would increase to $1.9 to $2.2 million annually upon Full Buildout. Thus, the net fiscal impact results would be equal to approximately 79% to 86% the amount projected with the club retail sales performance benchmarked to Costco's national average performance level.[39]

FISCAL IMPACT LIMITATIONS

The foregoing fiscal impact analysis is intended to give a general sense of the net fiscal impact of the Johnson Drive EDZ Project. The figures are not precise estimates and changes will occur if the revenue and expenditure factors or other assumptions are developed with more precision. Nonetheless, the findings suggest a strong likelihood that the Project will result in a significant net positive fiscal impact to the City's General Fund. However, some limitations to the analysis, listed below, may affect the degree of the Project's estimated net benefit and change the net fiscal impact balance.

General Limitations

- The analysis is benchmarked to estimated stabilized operations. The net impacts during the ramp up period to stabilized operations will vary from the stabilized operations estimate. It may take several years before the full stabilized impacts transpire.

- The analysis may not be inclusive of all revenue and cost estimates. Major categories associated with ongoing revenues and costs are included, but there may be other less significant categories excluded from the analysis.

One-time Revenues and Appropriations

- The fiscal impact analysis does not include one-time fees that may be assessed by the City of Pleasanton. These fees are typically assessed on a cost recovery basis and are thus excluded from the analysis. Other potential fees, such as impact fees, are also excluded as they too are designed to provide a nexus with the services provided.

- Depending upon how construction contracts are structured, there may be the potential for the City of Pleasanton to benefit from construction-related sales and use taxes associated with the construction effort. These revenues are excluded from the analysis but could comprise a strong source of one-time revenues.

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[38] Brion & Associates Memorandum, Table A-3.

[39] See Exhibit 57, footnote 10 for information on the percentage impact on sales tax revenues assuming the lower club retail sales performance figure.

- Another one-time revenue that could benefit the City of Pleasanton during the construction period includes retail sales tax revenues resulting from construction worker spending in Pleasanton.

Ongoing Revenue and Appropriation Factors

- The analysis does not include any increase in valuation, such that would occur with the maximum 2% allowable increase pursuant to Proposition 13 or that would occur based upon increased valuation upon sale.

- The analysis does not take into account long-term service cost inflation, which may or may not be greater than the estimated rate of inflation.

- The Johnson Drive EDZ Project may trigger the need for additional services not accounted for in this analysis. The costs associated with these services could be meaningful, and could reduce the estimated net positive annual impacts. The likelihood of such additional costs being high, however, is deemed to be low.

In summary, the Johnson Drive EDZ Project net fiscal impact findings estimated above may change as more information and factors are considered. The results, however, suggest a strong likelihood that the Project will result in a significant net positive fiscal impact to the City of Pleasanton's General Fund.

ASSUMPTIONS AND GENERAL LIMITING CONDITIONS

ALH Urban & Regional Economics has made extensive efforts to confirm the accuracy and timeliness of the information contained in this study. Such information was compiled from a variety of sources, including interviews with government officials, review of City and County documents, and other third parties deemed to be reliable. Although ALH Urban & Regional Economics believes all information in this study is correct, it does not warrant the accuracy of such information and assumes no responsibility for inaccuracies in the information by third parties. We have no responsibility to update this report for events and circumstances occurring after the date of this report. Further, no guarantee is made as to the possible effect on development of present or future federal, state or local legislation, including any regarding environmental or ecological matters.

The accompanying projections and analyses are based on estimates and assumptions developed in connection with the study. In turn, these assumptions, and their relation to the projections, were developed using currently available economic data and other relevant information. It is the nature of forecasting, however, that some assumptions may not materialize, and unanticipated events and circumstances may occur. Therefore, actual results achieved during the projection period will likely vary from the projections, and some of the variations may be material to the conclusions of the analysis.

Contractual obligations do not include access to or ownership transfer of any electronic data processing files, programs or models completed directly for or as by-products of this research effort, unless explicitly so agreed as part of the contract.

APPENDIX A: EXHIBITS

Exhibit 1: Johnson Drive Economic Development Zone Project Site Location and Area Context

0 0.375 0.75 1.5 Miles

This map contains information from sources we believe to be reliable, but we make no representation, warranty, or guarantee of its accuracy. This map is published for the use of ALH Urban & Regional Economics and its clients only. Redistribution in whole or part to any third party without the prior written consent of ALH Urban & Regional Economics is strictly prohibited.

Exhibit 2
Johnson Drive Economic Development Zone (EDZ)
Project Description (1)
Existing, Phase I Development, and Full Buildout (2)
Key Land Use Designations Summary

	Development Characteristics			Incremental Development		
	Existing	Phase I Development	Full Buildout	Phase 1	Increment to Full Buildout (2)	Total
Development	[A]	[B]	[C]	[D = B - A]	[E = C - B]	[E = C - B]
Retail						
General Retail	38,903	43,903	227,940	5,000	184,037	189,037
Club Retail	0	148,000	148,000	148,000	0	148,000
Retail Subtotal	**38,903**	**191,903**	**375,940**	**153,000**	**184,037**	**337,037**
Hotel Option 1 (3)	0	88,000	88,000	88,000	0	88,000
Hotel Option 2 (3)	0	132,000	132,000	132,000	0	132,000

Sources: Environmental Science Associates (ESA); and ALH Urban & Regional Economics.

(1) Includes only the land uses subject to the urban decay analysis. Other land uses are included in the program but are not included herein.
(2) For study purposes Phase I development is anticipated to be fully operational by 2018 (i.e., first full year of operations) and full buildout is anticipated by 2028.
(3) Hotel Option 1 comprises 150 hotel rooms and Option 2 comprises 231 hotel rooms.

Exhibit 3
Club Retail Store Sales Distribution
Costco Sales by State of California Board of Equalization Retail Classifications (1)

Costco Categories (2)	Costco Sales Percentages (2)	Distribution Among Board of Equalization Sales Categories: Motor Vehicles & Parts Dealers	Home Furnishings & Appliances	Building Materials & Garden Equip.	Food & Beverage Stores	Gasoline Stations	Clothing & Clothing Accessories Stores	General Merchandise Stores	Food Services & Drinking Places	Other Retail Group
Foods (3)	22.0%	0.0%	0.0%	0.0%	22.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Sundries (4)	21.0%	0.0%	0.0%	0.0%	15.8%	0.0%	0.0%	5.3%	0.0%	0.0%
Hardlines (5)	16.0%	3.2%	5.6%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	5.6%
Fresh Food (6)	14.0%	0.0%	0.0%	0.0%	14.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Softlines (7)	11.0%	0.0%	3.3%	0.0%	0.0%	0.0%	3.3%	3.3%	0.0%	1.1%
Ancillary and Other (8)	16.0%	0.0%	0.0%	0.0%	0.0%	10.6%	0.0%	0.0%	0.8%	4.6%
Totals	**100%**	**3.2%**	**8.9%**	**1.6%**	**51.8%**	**10.6%**	**3.3%**	**8.6%**	**0.8%**	**11.3%**

Sources: United States Securities and Exchange Commission, Costco Wholesale Corporation 10-K form for the fiscal year ending August 30, 2015, page 4; and ALH Urban & Regional Economics.

(1) This exhibit classifies Costco sales into the major retail categories used for retail sales classification purposes by the State of California Board of Equalization. These distributions comprise assumptions prepared by ALH Urban & Regional Economics, based upon professional judgment pursuant to select Costco store site visits to examine the mix and array of merchandise.

(2) Category descriptions and percentages are presented on page 4 in the Costco Form 10-K filing for the fiscal year ending August 30, 2015.

(3) Food includes including dry and institutionally packaged foods.

(4) Sundries includes snack foods, candy, alcoholic and nonalcoholic beverages, tobacco, and cleaning and institutional supplies.

(5) Hardlines includes major appliances, electronics, health and beauty aids, hardware, and garden and patio.

(6) Fresh food includes meat, produce, deli, and bakery.

(7) Softlines includes apparel and small appliances.

(8) Ancillary and Other include gas stations, pharmacy, food court, and optical.

Exhibit 4
Club Retail Store Sales Distribution
Sam's Club Sales by State of California Board of Equalization Retail Classifications (1)

Sam's Club Categories (2)	Sam's Club Sales Percentages (2)	Distribution Among Board of Equalization Sales Categories: Motor Vehicles & Parts Dealers	Home Furnishings & Appliances	Building Materials & Garden Equip.	Food & Beverage Stores	Gasoline Stations	Clothing & Clothing Accessories Stores	General Merchandise Stores	Food Services & Drinking Places	Other Retail Group
Grocery and consumables (3)	57.0%	0.0%	0.0%	0.0%	51.3%	0.0%	0.0%	5.7%	0.0%	0.0%
Fuel and other categories (4)	23.0%	6.9%	0.0%	6.9%	0.0%	6.9%	0.0%	0.0%	0.0%	2.3%
Home and apparel (5)	8.0%	0.0%	3.2%	0.0%	0.0%	0.0%	3.2%	0.8%	0.0%	0.8%
Technology, office and entertainment (6)	7.0%	0.0%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.9%
Health and wellness (7)	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	4.5%
Totals	**100%**	**6.9%**	**5.3%**	**6.9%**	**51.3%**	**6.9%**	**3.2%**	**7.0%**	**0.0%**	**12.5%**

Sources: United States Securities and Exchange Commission, Walmart Inc. 10-K Form for the fiscal year ending January 31, 2015, pages 15 and 16; and ALH Urban & Regional Economics.

(1) This exhibit classifies Sam's Club, which is owned and operated by Walmart Inc., sales into the major retail categories used for retail sales classification purposes by the State of California Board of Equalization.

(2) Category descriptions and percentages are presented on pages 15 and 16 in the Walmart Inc. Form 10-K filing for the fiscal year ending January 31, 2015.

(3) Grocery and consumables includes dairy, meat, bakery, deli, produce, dry, chilled or frozen packaged foods, alcoholic and nonalcoholic beverages, floral, snack foods, candy, other grocery items, health and beauty aids, paper goods, laundry and home care, baby care, pet supplies and other consumable items.

(4) Fuel and other categories includes gasoline stations, tobacco, tools and power equipment, and tire and battery centers.

(5) Home and apparel includes home improvement, outdoor living, grills, gardening, furniture, apparel, jewelry, housewares, toys, seasonal items, mattresses and small appliances.

(6) Technology, office and entertainment includes electronics, wireless, software, video games, movies, books, music, office supplies, office furniture, photo processing and third-party gift cards.

(7) Health and wellness includes pharmacy, optical and hearing services and over-the-counter drugs.

Exhibit 5
Johnson Drive Economic Development Zone (EDZ)
Club Retail Portion Retail Distribution
By State of California Board of Equalization Retail Classifications

BOE Category	Distribution of Sales % (1) [A]	Net Space Allocation [C = A x B]	
Johnson Drive EDZ Club Retail (2)	--	148,000	[B]
Motor Vehicle & Parts Dealers	5.1%	7,474	
Home Furnishings & Appliance Stores	7.1%	10,508	
Building Materials & Garden Equipment	4.3%	6,290	
Food & Beverage Stores	51.5%	76,257	
Gasoline Stations	8.8%	12,980	
Clothing & Clothing Accessories Stores	3.3%	4,810	
General Merchandise Stores	7.8%	11,507	
Food Services & Drinking Places	0.4%	592	
Other Retail Group	11.9%	17,582	
Total	**100.0%**	**148,000**	

Source: ALH Urban & Regional Economics.

(1) To estimate the distribution of sales for the Johnson Drive EDZ Club Retail portion of the Project, ALH Urban & Regional Economics took the average for the distribution of sales by BOE categories for Costco and Sam's Club. See Exhibits 3 and 4.
(2) See Exhibit 2.

Exhibit 6
Costco Sales Performance and Distribution of Sales
2015 Dollars

Store Characteristic	Distribution of Sales [A]	Sales/Space Allocation [B]		Sales Estimates [D = B x C]
Costco Store Total Sales (1)	--	$113,666,000,000		--
Costco Square Footage (1)	--	98,700,000		--
Costco No. of Warehouses (1)	--	697		
Calculated Sales per Warehouse	--	$163,078,910		
Calculated Sales per Square Foot	--	**$1,152**	**[C]**	--
Johnson Drive EDZ Club Retail Sq. Ft. (2)		148,000		--
Allocation of Sales by BOE Retail Category (3)				
Motor Vehicle & Parts Dealers	3.2%	4,736		$5,454,125
Home Furnishings & Appliance Stores	8.9%	13,172		$15,169,286
Building Materials & Garden Equipment	1.6%	2,368		$2,727,063
Food & Beverage Stores	51.8%	76,590		$88,203,434
Gasoline Stations	10.6%	15,747		$18,134,967
Clothing & Clothing Accessories Stores	3.3%	4,884		$5,624,567
General Merchandise Stores	8.6%	12,654		$14,572,741
Food Services & Drinking Places	0.8%	1,184		$1,363,531
Other Retail Group	11.3%	16,665		$19,191,704
Total Net Sales	**100.0%**	**148,000**		**$170,441,418**

Sources: United States Securities and Exchange Commission, Costco Wholesale Corporation 10-K form for the fiscal year ending August 30, 2015, pages 16 and 18; and ALH Urban & Regional Economics.

(1) Costco sales and square footage figures are from pages 18 and 16, respectively, of the Costco Wholesale Corporation 10-K form for the fiscal year ending August 30, 2015.

(2) See Exhibit 2.

(3) See Exhibit 3.

Exhibit 7
Sam's Club Sales Performance and Distribution of Sales
2015 Dollars

Store Characteristic	Distribution of Sales [A]	Sales/Space Allocation [B]		Sales Estimates [D = B x C]
Sam's Club Store Total Sales (1)	--	$58,020,000,000		--
Sam's Club Square Footage (1)	--	86,510,000		--
Sam's Club No. of Stores (1)	--	647		
Calculated Sales per Store	--	$89,675,425		
Calculated Sales per Square Foot	--	**$671**	**[C]**	--
Johnson Drive EDZ Club Retail Sq. Ft. (2)		148,000		--
Allocation of Sales by BOE Retail Category (3)				
Motor Vehicle & Parts Dealers	3.2%	4,736		$3,176,312
Home Furnishings & Appliance Stores	8.9%	13,172		$8,834,117
Building Materials & Garden Equipment	1.6%	2,368		$1,588,156
Food & Beverage Stores	51.8%	76,590		$51,366,915
Gasoline Stations	10.6%	15,747		$10,561,236
Clothing & Clothing Accessories Stores	3.3%	4,884		$3,275,571
General Merchandise Stores	8.6%	12,654		$8,486,708
Food Services & Drinking Places	0.8%	1,184		$794,078
Other Retail Group	11.3%	16,665		$11,176,647
Total Net Sales	**100.0%**	**148,000**		**$99,259,739**

Sources: United States Securities and Exchange Commission, Walmart Inc. 10-K Form for the fiscal year ending January 31, 2015, pages 15 and 5 within the Exhibits; and ALH Urban & Regional Economics.

(1) Sam's Club square footage and sales figures are on pages 15 and 5 within the Exhibits, respectively, from the Walmart Inc. 10-K form for the fiscal year ending January 31, 2015.

(2) See Exhibit 2.

(2) See Exhibit 3.

Exhibit 8
Johnson Drive Economic Development Zone (EDZ)
Project Distribution of General Retail Space
Net New Retail Square Feet by State of California Board of Equalization Category

Retail Categories (1)	Retail [A]	Phase 1 [C = A x B]	Increment to Buildout [E = A x D]	Cumulative Net New at Full Buildout [F = C + E]
Total Square Feet		**5,000 [B]**	**184,037 [D]**	**189,037**
Motor Vehicle & Parts Dealers	0.0%	0	0	0
Home Furnishings & Appliance Stores	12.5%	625	23,005	23,630
Building Materials and Garden Equip.	12.5%	625	23,005	23,630
Food and Beverage Stores	0.0%	0	0	0
Gasoline Sales	0.0%	0	0	0
Clothing and Clothing Accessories Stores	25.0%	1,250	46,009	47,259
General Merchandise	12.5%	625	23,005	23,630
Food Services and Drinking Places	12.5%	625	23,005	23,630
Other Retail	25.0%	1,250	46,009	47,259
Total	**100.0%**	**5,000**	**184,037**	**189,037**
Occupied Square Feet (2)		**4,750**	**174,835**	**179,585**
Motor Vehicle & Parts Dealers	12.5%	0	0	0
Home Furnishings & Appliance Stores	12.5%	594	21,854	22,448
Building Materials and Garden Equip.	12.5%	594	21,854	22,448
Food and Beverage Stores	0.0%	0	0	0
Gasoline Sales	0.0%	0	0	0
Clothing and Clothing Accessories Stores	12.5%	1,188	43,709	44,896
General Merchandise	12.5%	594	21,854	22,448
Food Services and Drinking Places	12.5%	594	21,854	22,448
Other Retail	25.0%	1,188	43,709	44,896
Total	**100.0%**	**4,750**	**174,835**	**179,585**

Sources: Environmental Science Associates (ESA); and ALH Urban & Regional Economics.

(1) Retail allocations for General Retail are based on an estimated equal allocation of space per retail category. Exceptions include the exclusion of Gasoline Sales, Food and Beverage Store sales, and Motor Vehicle & Parts Dealers, as these retail uses are anticipated to be well represented by the Project's Club Retail use. In addition, the Clothing and clothing Accessories and Other Retail categories have a double allocation due to the breadth of retail uses represented by these categories.
(2) Analysis assumes a stabilized retail vacancy rate of 5.%.

Exhibit 9
Johnson Drive Economic Development Zone (EDZ)
Distribution of Sales for Incremental Retail Space (Not including Existing Retail Space)
2015 Dollars

BOE Sales Category	Sales per Square Foot	Phase 1 Net New Occupied Sq. Ft.	Phase 1 Sales	Increment to Buildout Net New Occupied Sq. Ft.	Increment to Buildout Sales	Total at Full Buildout Net New Occupied Sq. Ft.	Total at Full Buildout Sales
General Retail (1)							
Motor Vehicle & Parts Dealers	$800 (2)	0	$0	0	$0	0	$0
Home Furnishings & Appliance Stores	$323 (3)	594	$191,486	21,854	$7,048,093	22,448	$7,239,578
Building Materials and Garden Equip.	$300 (4)	594	$178,020	21,854	$6,552,455	22,448	$6,730,475
Food and Beverage Stores	$643 (5)	0	$0	0	$0	0	$0
Gasoline Stations	NA	0	$0	0	$0	0	$0
Clothing and Clothing Accessories Stores	$385 (6)	1,188	$457,153	43,709	$16,826,611	44,896	$17,283,764
General Merchandise	$297 (7)	594	$176,420	21,854	$6,493,576	22,448	$6,669,997
Food Services and Drinking Places	$608 (8)	594	$361,061	21,854	$13,289,717	22,448	$13,650,778
Other Retail	$429 (9)	1,188	$509,418	43,709	$18,750,349	44,896	$19,259,767
Subtotal		**4,750**	**$1,873,558**	**174,835**	**$68,960,801**	**179,585**	**$70,834,359**
Club Retail (10)	$1,152 (11)						
Motor Vehicles and Parts Dealers		7,474	$8,607,292	0	$0	7,474	$8,607,292
Home Furnishings and Appliance Stores		10,508	$12,101,341	0	$0	10,508	$12,101,341
Building Materials and Garden Equip.		6,290	$7,243,760	0	$0	6,290	$7,243,760
Food and Beverage Stores		76,257	$87,819,941	0	$0	76,257	$87,819,941
Gasoline Stations		12,980	$14,947,712	0	$0	12,980	$14,947,712
Clothing and Clothing Accessories Stores		4,810	$5,539,346	0	$0	4,810	$5,539,346
General Merchandise Stores		11,507	$13,251,820	0	$0	11,507	$13,251,820
Food Services and Drinking Places		592	$681,766	0	$0	592	$681,766
Other Retail Group		17,582	$20,248,441	0	$0	17,582	$20,248,441
Subtotal		**148,000**	**$170,441,418**	**0**	**$0**	**148,000**	**$170,441,418**
TOTAL		**152,750**	**$172,314,976**	**174,835**	**$68,960,801**	**327,585**	**$241,275,777**

Source: ALH Urban & Regional Economics.

(1) See Exhibit 8 for space distribution. Sales are based on stabilized occuppied square feet.
(2) The Motor Vehicles and Parts sales per square foot is estimated by ALH Urban & Regional Economics.
(3) The Home Furnishings and Appliance Stores sales per square foot is based on the average estimated sales for Domestics for 2015, see Exhibit B-1.
(4) The Building Material and Garden Equip. sales per square foot is based on the average estimated sales for Home Improvement for 2015, see Exhibit B-1.
(5) The Food and Beverage Stores sales per square foot is based on the average estimated sales for Supermarkets and Specialty/Organic for 2015, see Exhibit B-1.
(6) The Clothing and Clothing Accessories Stores sales per square foot is based on the average estimated sales for Apparel for 2015, see Exhibit B-1.
(7) The General Merchandise Stores sales per square foot is based on the average estimated sales for Discount Stores and Department Stores for 2015, see Exhibit B-1.
(8) The Food and Drinking Places sales per square foot is based on the average estimated sales for Restaurants Category for 2015, see Exhibit B-1.
(9) The Other Retail sales per square foot is based on the average estimated sales for other retail categories for 2015, see Exhibit B-1.
(10) See Exhibit 5 for space distribution.
(11) The analysis conservatively benchmarks the Project's club retail sales to the Costco sales calculated in Exhibit 6. This is conservative as it maximizes the Project's potential sales impacts. Use of a lower figure would result in lower potential sales impacts.

Exhibit 10
Johnson Drive Economic Development Zone (EDZ)
Distribution of Club Retail Sales and Consumer Sales Estimates
2015 Dollars

BOE Sales Category	Sales Estimates (1)	Estimated Sales Division (1)	
		Retail Consumers	Wholesale Consumers
	[A]	[B = A * 87%]	[C = A * 13%]
Motor Vehicle & Parts Dealers	$8,607,292	$7,485,062	$1,122,230
Home Furnishings & Appliance Stores	$12,101,341	$10,523,552	$1,577,789
Building Materials & Garden Equipment	$7,243,760	$6,299,309	$944,451
Food & Beverage Stores	$87,819,941	$76,369,862	$11,450,078
Gasoline Stations (3)	$14,947,712	$14,947,712	$0
Clothing & Clothing Accessories Stores	$5,539,346	$4,817,119	$722,227
General Merchandise Stores	$13,251,820	$11,524,031	$1,727,790
Food Services & Drinking Places	$681,766	$592,876	$88,889
Other Retail Group	$20,248,441	$17,608,422	$2,640,018
Total Sales	**$170,441,418**	**$150,167,946**	**$20,273,472**

Sources: Annual Report 2015, Costco Wholesale, Fiscal Year Ended August 30, 2015, pages 8 and 9; and ALH Urban & Regional Economics.

(1) See Exhibit 9.

(2) A portion of Costco sales are made by businesses that later engage in resales of the products purchased from Costco. These sales are considered wholesale purchases, and are exempt from sales tax at the time of purchase. They are also not reported by the State of California Board of Equalization in the same manner as other, more commercial purchases. This is relevant because subsequent analysis reflected in this study's series of exhibits is highly dependent on taxable sales data reported by the State Board of Equalization. Information in Costco investor documents indicates that in 2015 Costco's 10.6 million Business Cardholders (and add-ons) comprised 24% of Costco's 44.6 million paid Costco memberships, including individual and business memberships with add-on cards. Costco provides all paid memberships with an additional free household card, so in 2015 there were a total of 80.1 million cardholders. The business cardholders comprised 13% of these total cardholders. For the sake of the analysis, ALH Urban & Regional Economics assumes that 50% of the business cardholder purchases are made by businesses with resale licenses, and thus comprise tax exempt purchases. However, ALH Economics further assumes that business cardholders with resale licenses spend twice as much as other business cardholders due to their purchase of inventory/merchandise for later resale. Therefore, the analysis assumes that 13% of Pleasanton Costco store sales will be to wholesale customers, i.e., customers whose typical purchases are not reported as retail purchases, and 87% will be to household and business customers that qualify to pay sales tax on taxable items. The exception is gasoline sales, all of which are allocated to retail consumers as all of these sales are assumed to be taxed, and this is the same as a consumer-based taxable retail sales purchase.

(3) Gasoline sales are not assumed to be subject to potential resale, and thus are considered only as retail sales.

Exhibit 11: Johnson Drive Economic Development Zone Project Market Area and Area Club Retail

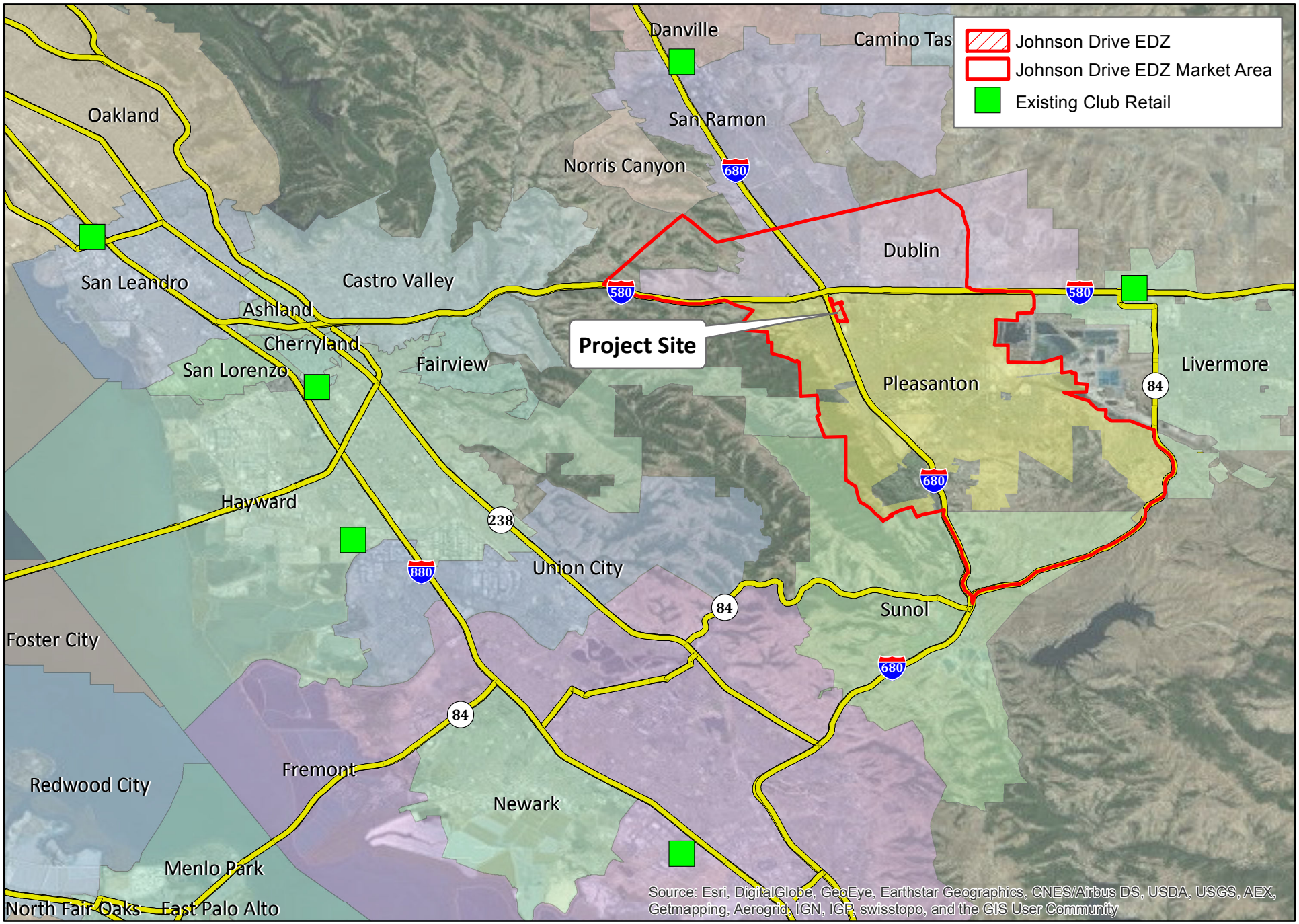

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Exhibit 12
Danville Costco
Household Zip Code of Costco Shoppers (1) (2)
2013

Zip Code	Primary Metro Area	Percent of Visitors	Cumulative Percent of Visitors
94582	San Francisco-Oakland-Fremont, CA	14.30%	14.30%
94583	San Francisco-Oakland-Fremont, CA	14.10%	28.40%
94526	San Francisco-Oakland-Fremont, CA	11.40%	39.80%
94506	San Francisco-Oakland-Fremont, CA	7.70%	47.50%
94568 (3)	***San Francisco-Oakland-Fremont, CA***	***4.00%***	***51.50%***
94507	San Francisco-Oakland-Fremont, CA	3.10%	54.60%
94566 (3)	***San Francisco-Oakland-Fremont, CA***	***2.20%***	***56.80%***
94588 (3)	***San Francisco-Oakland-Fremont, CA***	***1.80%***	***58.60%***
94565	San Francisco-Oakland-Fremont, CA	1.50%	60.10%
94550	San Francisco-Oakland-Fremont, CA	1.50%	61.60%
94520	San Francisco-Oakland-Fremont, CA	1.50%	63.10%
94521	San Francisco-Oakland-Fremont, CA	1.20%	64.30%
94546	San Francisco-Oakland-Fremont, CA	1.20%	65.50%
94596	San Francisco-Oakland-Fremont, CA	1.10%	66.60%
94523	San Francisco-Oakland-Fremont, CA	1.00%	67.60%
94518	San Francisco-Oakland-Fremont, CA	1.00%	68.60%
94509	San Francisco-Oakland-Fremont, CA	0.80%	69.40%
94551	San Francisco-Oakland-Fremont, CA	0.80%	70.20%
94541	San Francisco-Oakland-Fremont, CA	0.80%	71.00%
94597	San Francisco-Oakland-Fremont, CA	0.80%	71.80%
94553	San Francisco-Oakland-Fremont, CA	0.80%	72.60%
94531	San Francisco-Oakland-Fremont, CA	0.70%	73.30%
94598	San Francisco-Oakland-Fremont, CA	0.70%	74.00%
94549	San Francisco-Oakland-Fremont, CA	0.70%	74.70%
94519	San Francisco-Oakland-Fremont, CA	0.60%	75.30%
94556	San Francisco-Oakland-Fremont, CA	0.60%	75.90%
94536	San Francisco-Oakland-Fremont, CA	0.60%	76.50%
94544	San Francisco-Oakland-Fremont, CA	0.50%	77.00%
94538	San Francisco-Oakland-Fremont, CA	0.50%	77.50%
94513	San Francisco-Oakland-Fremont, CA	0.50%	78.00%
94552	San Francisco-Oakland-Fremont, CA	0.50%	78.50%
94561	San Francisco-Oakland-Fremont, CA	0.40%	78.90%
94591	Vallejo-Fairfield, CA	0.40%	79.30%
95376	Stockton, CA	0.40%	79.70%
94563	San Francisco-Oakland-Fremont, CA	0.40%	80.10%
94577	San Francisco-Oakland-Fremont, CA	0.40%	80.50%
94578	San Francisco-Oakland-Fremont, CA	0.40%	80.90%
94595	San Francisco-Oakland-Fremont, CA	0.40%	81.30%
94534	Vallejo-Fairfield, CA	0.30%	81.60%
94528	San Francisco-Oakland-Fremont, CA	0.30%	81.90%
94587	San Francisco-Oakland-Fremont, CA	0.30%	82.20%
94560	San Francisco-Oakland-Fremont, CA	0.30%	82.50%
94803	San Francisco-Oakland-Fremont, CA	0.30%	82.80%
95124	San Jose-Sunnyvale-Santa Clara, CA	0.30%	83.10%
95377	Stockton, CA	0.20%	83.30%
95687	Vallejo-Fairfield, CA	0.20%	83.50%
94547	San Francisco-Oakland-Fremont, CA	0.20%	83.70%
94517	San Francisco-Oakland-Fremont, CA	0.20%	83.90%
94806	San Francisco-Oakland-Fremont, CA	0.20%	84.10%
94558	Napa, CA	0.20%	84.30%
94545	San Francisco-Oakland-Fremont, CA	0.20%	84.50%
94510	Vallejo-Fairfield, CA	0.20%	84.70%
95035	San Jose-Sunnyvale-Santa Clara, CA	0.20%	84.90%
95008	San Jose-Sunnyvale-Santa Clara, CA	0.20%	85.10%
95351	Modesto, CA	0.20%	85.30%

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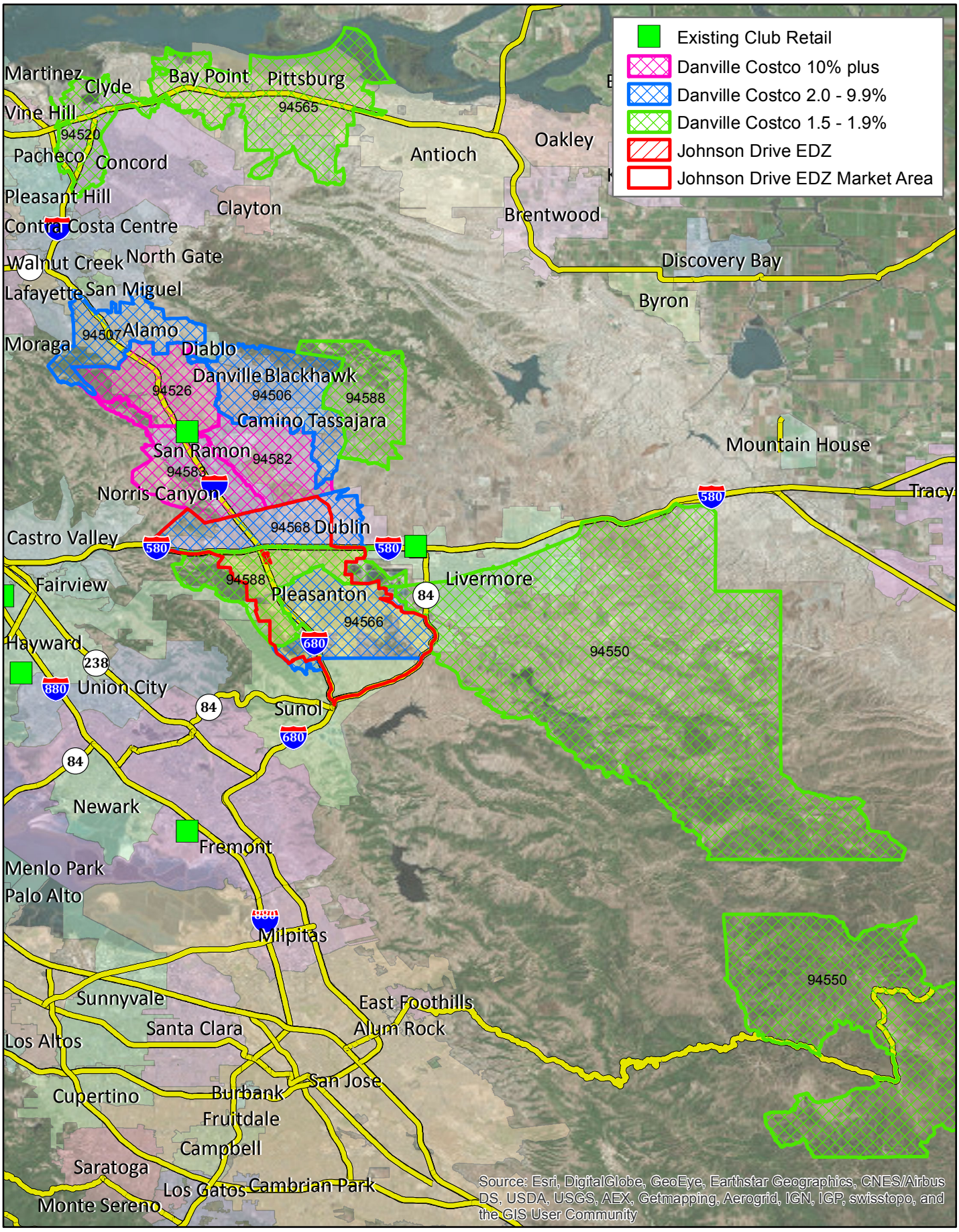
Exhibit 12
Danville Costco
Household Zip Code of Costco Shoppers (1) (2)
2013

Zip Code	Primary Metro Area	Percent of Visitors	Cumulative Percent of Visitors
CONTINUED FROM THE PREVIOUS PAGE			
94533	Vallejo-Fairfield, CA	0.20%	85.50%
94611	San Francisco-Oakland-Fremont, CA	0.20%	85.70%
94539	San Francisco-Oakland-Fremont, CA	0.20%	85.90%
94579	San Francisco-Oakland-Fremont, CA	0.20%	86.10%
94619	San Francisco-Oakland-Fremont, CA	0.20%	86.30%
95355	Modesto, CA	0.20%	86.50%
94505	San Francisco-Oakland-Fremont, CA	0.20%	86.70%
94602	San Francisco-Oakland-Fremont, CA	0.20%	86.90%
94501	San Francisco-Oakland-Fremont, CA	0.10%	87.00%
94607	San Francisco-Oakland-Fremont, CA	0.10%	87.10%
94605	San Francisco-Oakland-Fremont, CA	0.10%	87.20%
94589	Vallejo-Fairfield, CA	0.10%	87.30%
94087	San Jose-Sunnyvale-Santa Clara, CA	0.10%	87.40%
95127	San Jose-Sunnyvale-Santa Clara, CA	0.10%	87.50%
94608	San Francisco-Oakland-Fremont, CA	0.10%	87.60%
95003	Santa Cruz-Watsonville, CA	0.10%	87.70%
94580	San Francisco-Oakland-Fremont, CA	0.10%	87.80%
94555	San Francisco-Oakland-Fremont, CA	0.10%	87.90%
95125	San Jose-Sunnyvale-Santa Clara, CA	0.10%	88.00%
94065	San Francisco-Oakland-Fremont, CA	0.10%	88.10%
94931	Santa Rosa-Petaluma, CA	0.10%	88.20%
94109	San Francisco-Oakland-Fremont, CA	0.10%	88.30%
95136	San Jose-Sunnyvale-Santa Clara, CA	0.10%	88.40%
94585	Vallejo-Fairfield, CA	0.10%	88.50%
95116	San Jose-Sunnyvale-Santa Clara, CA	0.10%	88.60%
94601	San Francisco-Oakland-Fremont, CA	0.10%	88.70%
94621	San Francisco-Oakland-Fremont, CA	0.10%	88.80%
94606	San Francisco-Oakland-Fremont, CA	0.10%	88.90%
95391	San Francisco-Oakland-Fremont, CA	0.10%	89.00%
95337	Stockton, CA	0.10%	89.10%
95020	San Jose-Sunnyvale-Santa Clara, CA	0.10%	89.20%
95135	San Jose-Sunnyvale-Santa Clara, CA	0.10%	89.30%
95126	San Jose-Sunnyvale-Santa Clara, CA	0.10%	89.40%
95206	Stockton, CA	0.10%	89.50%
94603	San Francisco-Oakland-Fremont, CA	0.10%	89.60%
94564	San Francisco-Oakland-Fremont, CA	0.10%	89.70%
94010	San Francisco-Oakland-Fremont, CA	0.10%	89.80%
94590	Vallejo-Fairfield, CA	0.10%	89.90%
		89.90%	

Sources: Streetlightdata.com; and ALH Urban & Regional Economics.

(1) Data reflect trips to the Costco store location measured by mobile devices. Measures individual trips, not individual visitors, i.e., a visitor making 5 trips will be counted in the dataset 5 times, not once.
(2) Dotted line reflects approximate natural break in defining primary market area, the geographic area from which the majority of shoppers originate.
(3) Reflects zip codes that are all or mostly encompassed in the Johnson EDZ Project market area, thus includes shoppers who are anticipated to redirect their club retail shopping trips to the Project's club retail component.

Exhibit 13: Johnson Drive Economic Development Zone Project Market Area and Danville Costco Shopper Household Zip Codes



0 2.75 5.5 11 Miles

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Exhibit 14
Livermore Costco
Household Zip Code of Costco Shoppers (1) (2)
2013

Zip Code	Primary Metro Area	Percent of Visitors	Cumulative Percent of Visitors
94551	San Francisco-Oakland-Fremont, CA	10.80%	10.80%
94550	San Francisco-Oakland-Fremont, CA	9.20%	20.00%
94566 (3)	***San Francisco-Oakland-Fremont, CA***	***5.90%***	***25.90%***
94568 (3)	***San Francisco-Oakland-Fremont, CA***	***4.50%***	***30.40%***
95376	Stockton, CA	4.10%	34.50%
94588 (3)	***San Francisco-Oakland-Fremont, CA***	***3.70%***	***38.20%***
95377	Stockton, CA	2.80%	41.00%
95336	Stockton, CA	1.70%	42.70%
94513	San Francisco-Oakland-Fremont, CA	1.70%	44.40%
94583	San Francisco-Oakland-Fremont, CA	1.50%	45.90%
94541	San Francisco-Oakland-Fremont, CA	1.20%	47.10%
95337	Stockton, CA	1.20%	48.30%
94582	San Francisco-Oakland-Fremont, CA	1.20%	49.50%
95355	Modesto, CA	1.00%	50.50%
95350	Modesto, CA	1.00%	51.50%
95206	Stockton, CA	0.90%	52.40%
94546	San Francisco-Oakland-Fremont, CA	0.80%	53.20%
95391	San Francisco-Oakland-Fremont, CA	0.80%	54.00%
94544	San Francisco-Oakland-Fremont, CA	0.80%	54.80%
94526	San Francisco-Oakland-Fremont, CA	0.80%	55.60%
95351	Modesto, CA	0.80%	56.40%
95330	Stockton, CA	0.80%	57.20%
94505	San Francisco-Oakland-Fremont, CA	0.70%	57.90%
95207	Stockton, CA	0.70%	58.60%
94506	San Francisco-Oakland-Fremont, CA	0.70%	59.30%
95304	Stockton, CA	0.70%	60.00%
95215	Stockton, CA	0.70%	60.70%
95358	Modesto, CA	0.60%	61.30%
94577	San Francisco-Oakland-Fremont, CA	0.60%	61.90%
94536	San Francisco-Oakland-Fremont, CA	0.60%	62.50%
94561	San Francisco-Oakland-Fremont, CA	0.60%	63.10%
95210	Stockton, CA	0.60%	63.70%
95205	Stockton, CA	0.50%	64.20%
94587	San Francisco-Oakland-Fremont, CA	0.50%	64.70%
94538	San Francisco-Oakland-Fremont, CA	0.50%	65.20%
95219	Stockton, CA	0.50%	65.70%
94578	San Francisco-Oakland-Fremont, CA	0.50%	66.20%
94531	San Francisco-Oakland-Fremont, CA	0.50%	66.70%
94545	San Francisco-Oakland-Fremont, CA	0.50%	67.20%
95356	Modesto, CA	0.50%	67.70%
95212	Stockton, CA	0.40%	68.10%
94580	San Francisco-Oakland-Fremont, CA	0.40%	68.50%
95209	Stockton, CA	0.40%	68.90%
95382	Modesto, CA	0.40%	69.30%
94509	San Francisco-Oakland-Fremont, CA	0.40%	69.70%
95204	Stockton, CA	0.40%	70.10%
94523	San Francisco-Oakland-Fremont, CA	0.40%	70.50%
94603	San Francisco-Oakland-Fremont, CA	0.40%	70.90%
95242	Stockton, CA	0.30%	71.20%
94579	San Francisco-Oakland-Fremont, CA	0.30%	71.50%

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Exhibit 14
Livermore Costco
Household Zip Code of Costco Shoppers (1) (2)
2013

Zip Code	Primary Metro Area	Percent of Visitors	Cumulative Percent of Visitors
CONTINUED FROM THE PREVIOUS PAGE			
95354	Modesto, CA	0.30%	71.80%
95307	Modesto, CA	0.30%	72.10%
94539	San Francisco-Oakland-Fremont, CA	0.30%	72.40%
94555	San Francisco-Oakland-Fremont, CA	0.30%	72.70%
94601	San Francisco-Oakland-Fremont, CA	0.30%	73.00%
94605	San Francisco-Oakland-Fremont, CA	0.30%	73.30%
94521	San Francisco-Oakland-Fremont, CA	0.30%	73.60%
94501	San Francisco-Oakland-Fremont, CA	0.30%	73.90%
92128	San Diego-Carlsbad-San Marcos, CA	0.30%	74.20%
95363	Modesto, CA	0.30%	74.50%
94560	San Francisco-Oakland-Fremont, CA	0.30%	74.80%
94552	San Francisco-Oakland-Fremont, CA	0.30%	75.10%
94621	San Francisco-Oakland-Fremont, CA	0.30%	75.40%
95035	San Jose-Sunnyvale-Santa Clara, CA	0.30%	75.70%
94565	San Francisco-Oakland-Fremont, CA	0.20%	75.90%
95220	Stockton, CA	0.20%	76.10%
94507	San Francisco-Oakland-Fremont, CA	0.20%	76.30%
95380	Modesto, CA	0.20%	76.50%
95116	San Jose-Sunnyvale-Santa Clara, CA	0.20%	76.70%
95357	Modesto, CA	0.20%	76.90%
94553	San Francisco-Oakland-Fremont, CA	0.20%	77.10%
95127	San Jose-Sunnyvale-Santa Clara, CA	0.20%	77.30%
95361	Modesto, CA	0.20%	77.50%
95122	San Jose-Sunnyvale-Santa Clara, CA	0.20%	77.70%
94404	San Francisco-Oakland-Fremont, CA	0.20%	77.90%
95240	Stockton, CA	0.20%	78.10%
95003	Santa Cruz-Watsonville, CA	0.20%	78.30%
95624	Sacramento--Arden-Arcade--Roseville, CA	0.20%	78.50%
95111	San Jose-Sunnyvale-Santa Clara, CA	0.20%	78.70%
95630	Sacramento--Arden-Arcade--Roseville, CA	0.20%	78.90%
94597	San Francisco-Oakland-Fremont, CA	0.20%	79.10%
95301	Merced, CA	0.20%	79.30%
95758	Sacramento--Arden-Arcade--Roseville, CA	0.20%	79.50%
94598	San Francisco-Oakland-Fremont, CA	0.20%	79.70%
95367	Modesto, CA	0.20%	79.90%
95121	San Jose-Sunnyvale-Santa Clara, CA	0.20%	80.10%
95136	San Jose-Sunnyvale-Santa Clara, CA	0.20%	80.30%
95823	Sacramento--Arden-Arcade--Roseville, CA	0.20%	80.50%
95112	San Jose-Sunnyvale-Santa Clara, CA	0.20%	80.70%
94132	San Francisco-Oakland-Fremont, CA	0.20%	80.90%
29803	Augusta-Richmond County, GA-SC	0.20%	81.10%
94518	San Francisco-Oakland-Fremont, CA	0.20%	81.30%
95123	San Jose-Sunnyvale-Santa Clara, CA	0.10%	81.40%
95051	San Jose-Sunnyvale-Santa Clara, CA	0.10%	81.50%
94606	San Francisco-Oakland-Fremont, CA	0.10%	81.60%
95125	San Jose-Sunnyvale-Santa Clara, CA	0.10%	81.70%
94806	San Francisco-Oakland-Fremont, CA	0.10%	81.80%
94563	San Francisco-Oakland-Fremont, CA	0.10%	81.90%
94596	San Francisco-Oakland-Fremont, CA	0.10%	82.00%
94608	San Francisco-Oakland-Fremont, CA	0.10%	82.10%

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Exhibit 14
Livermore Costco
Household Zip Code of Costco Shoppers (1) (2)
2013

Zip Code	Primary Metro Area	Percent of Visitors	Cumulative Percent of Visitors
CONTINUED FROM THE PREVIOUS PAGE			
94607	San Francisco-Oakland-Fremont, CA	0.10%	82.20%
94520	San Francisco-Oakland-Fremont, CA	0.10%	82.30%
94591	Vallejo-Fairfield, CA	0.10%	82.40%
95231	Stockton, CA	0.10%	82.50%
94618	San Francisco-Oakland-Fremont, CA	0.10%	82.60%
95203	Stockton, CA	0.10%	82.70%
95642		0.10%	82.80%
95126	San Jose-Sunnyvale-Santa Clara, CA	0.10%	82.90%
94086	San Jose-Sunnyvale-Santa Clara, CA	0.10%	83.00%
94589	Vallejo-Fairfield, CA	0.10%	83.10%
95118	San Jose-Sunnyvale-Santa Clara, CA	0.10%	83.20%
94619	San Francisco-Oakland-Fremont, CA	0.10%	83.30%
94803	San Francisco-Oakland-Fremont, CA	0.10%	83.40%
95366	Stockton, CA	0.10%	83.50%
94070	San Francisco-Oakland-Fremont, CA	0.10%	83.60%
94112	San Francisco-Oakland-Fremont, CA	0.10%	83.70%
95131	San Jose-Sunnyvale-Santa Clara, CA	0.10%	83.80%
95124	San Jose-Sunnyvale-Santa Clara, CA	0.10%	83.90%
94502	San Francisco-Oakland-Fremont, CA	0.10%	84.00%
95014	San Jose-Sunnyvale-Santa Clara, CA	0.10%	84.10%
94303	San Jose-Sunnyvale-Santa Clara, CA	0.10%	84.20%
94015	San Francisco-Oakland-Fremont, CA	0.10%	84.30%
94804	San Francisco-Oakland-Fremont, CA	0.10%	84.40%
95148	San Jose-Sunnyvale-Santa Clara, CA	0.10%	84.50%
94109	San Francisco-Oakland-Fremont, CA	0.10%	84.60%
94549	San Francisco-Oakland-Fremont, CA	0.10%	84.70%
93711	Fresno, CA	0.10%	84.80%
94403	San Francisco-Oakland-Fremont, CA	0.10%	84.90%
94610	San Francisco-Oakland-Fremont, CA	0.10%	85.00%
94611	San Francisco-Oakland-Fremont, CA	0.10%	85.10%
95632	Sacramento--Arden-Arcade--Roseville, CA	0.10%	85.20%
93720	Fresno, CA	0.10%	85.30%
94065	San Francisco-Oakland-Fremont, CA	0.10%	85.40%
		85.40%	

Sources: Streetlightdata.com; and ALH Urban & Regional Economics.

(1) Data reflect trips to the Costco store location measured by mobile devices. Measures individual trips, not individual visitors, i.e., a visitor making 5 trips will be counted in the dataset 5 times, not once.
(2) Dotted line reflects approximate natural break in defining primary market area, the geographic area from which the majority of shoppers originate.
(2) Reflects zip codes that are all or mostly encompassed in the Johnson EDZ Project market area, thus includes shoppers who are anticipated to redirect their club retail shopping trips to the Project's club retail component.

Exhibit 15
Johnson Drive Economic Development Zone (EDZ)
Retail Project Sales Generated by Market Area Residents net of Recaptured Club Retail Sales (1)
2015 Dollars

	Project Sales					
	Phase 1 (2018)		Increment to Buildout (2028)		Total at Full Buildout (2028)	
Sales Category	Total (2)	Sales Generated by Market Area Residents (3) (4)	Total (2)	Sales Generated by Market Area Residents (3) (4)	Total (2)	Sales Generated by Market Area Residents (3) (4)
General Retail						
Motor Vehicle & Parts Dealers	$0	$0	$0	$0	$0	$0
Home Furnishings & Appliance Stores	$191,486	$153,189	$7,048,093	$5,638,474	$7,239,578	$5,791,663
Building Materials and Garden Equip.	$178,020	$142,416	$6,552,455	$5,241,964	$6,730,475	$5,384,380
Food and Beverage Stores	$0	$0	$0	$0	$0	$0
Gasoline Stations	$0	$0	$0	$0	$0	$0
Clothing and Clothing Accessories Stores	$457,153	$365,722	$16,826,611	$13,461,289	$17,283,764	$13,827,011
General Merchandise	$176,420	$141,136	$6,493,576	$5,194,861	$6,669,997	$5,335,998
Food Services and Drinking Places	$361,061	$288,849	$13,289,717	$10,631,773	$13,650,778	$10,920,622
Other Retail	$509,418	$407,534	$18,750,349	$15,000,279	$19,259,767	$15,407,814
Subtotal	**$1,873,558**	**$1,498,846**	**$68,960,801**	**$55,168,640**	**$70,834,359**	**$56,667,487**
Club Retail						
Motor Vehicles and Parts Dealers	$7,485,062	$3,143,726	$0	$0	$7,485,062	$3,143,726
Home Furnishings and Appliance Stores	$10,523,552	$4,419,892	$0	$0	$10,523,552	$4,419,892
Building Materials and Garden Equip.	$6,299,309	$2,645,710	$0	$0	$6,299,309	$2,645,710
Food and Beverage Stores	$76,369,862	$32,075,342	$0	$0	$76,369,862	$32,075,342
Gasoline Stations	$14,947,712	$6,278,039	$0	$0	$14,947,712	$6,278,039
Clothing and Clothing Accessories Stores	$4,817,119	$2,023,190	$0	$0	$4,817,119	$2,023,190
General Merchandise Stores	$11,524,031	$4,840,093	$0	$0	$11,524,031	$4,840,093
Food Services and Drinking Places	$592,876	$249,008	$0	$0	$592,876	$249,008
Other Retail Group	$17,608,422	$7,395,537	$0	$0	$17,608,422	$7,395,537
Subtotal	**$150,167,946**	**$63,070,537**	**$0**	**$0**	**$150,167,946**	**$63,070,537**
TOTAL	**$152,041,504**	**$64,569,384**	**$68,960,801**	**$55,168,640**	**$221,002,305**	**$119,738,024**

Source: ALH Urban & Regional Economics.

(1) This pertains to the share of Project sales anticipated to be generated by households residing in the market area. Sales generated by households or other consumers living outside the market area are not subject to diversion from market area retailers, and thus are not included in the analysis. This also excludes club retail sales made to wholesale customers with resale licenses. See footnote (4) regarding the recaptured sales assumption.

(2) See Exhibit 9 for General Retail sales and Exhibit 10 for Club Retail sales.

(3) ALH Urban & Regional Economics estimates that the majority but not all sales at the Johnson Drive EDZ will be generated by market area consumers, with additional sales attributed to consumers residing outside of the market area. The percentage of sales estimated to be generated by market area residents is estimated as 80% for the General Retail portion of the Project.

(4) The study assumption is that 60% of demand for the Johnson Drive EDZ club retail sales made to retail consumers (vs. wholesale) will be generated by market area residents. This is a lower percentage than for the General Retail because of the distance shoppers are anticipated to travel to shop at a club retail store, pursuant to market area findings documented in the study text regarding the market area draw for two nearby club retail stores, e.g., Costco stores in Danville and Livermore. The study further assumes that of the sales generated by market area residents, 30% of these sales will comprise sales recaptured from other regional club retail stores. The basis for this assumption is also discussed in the study text.

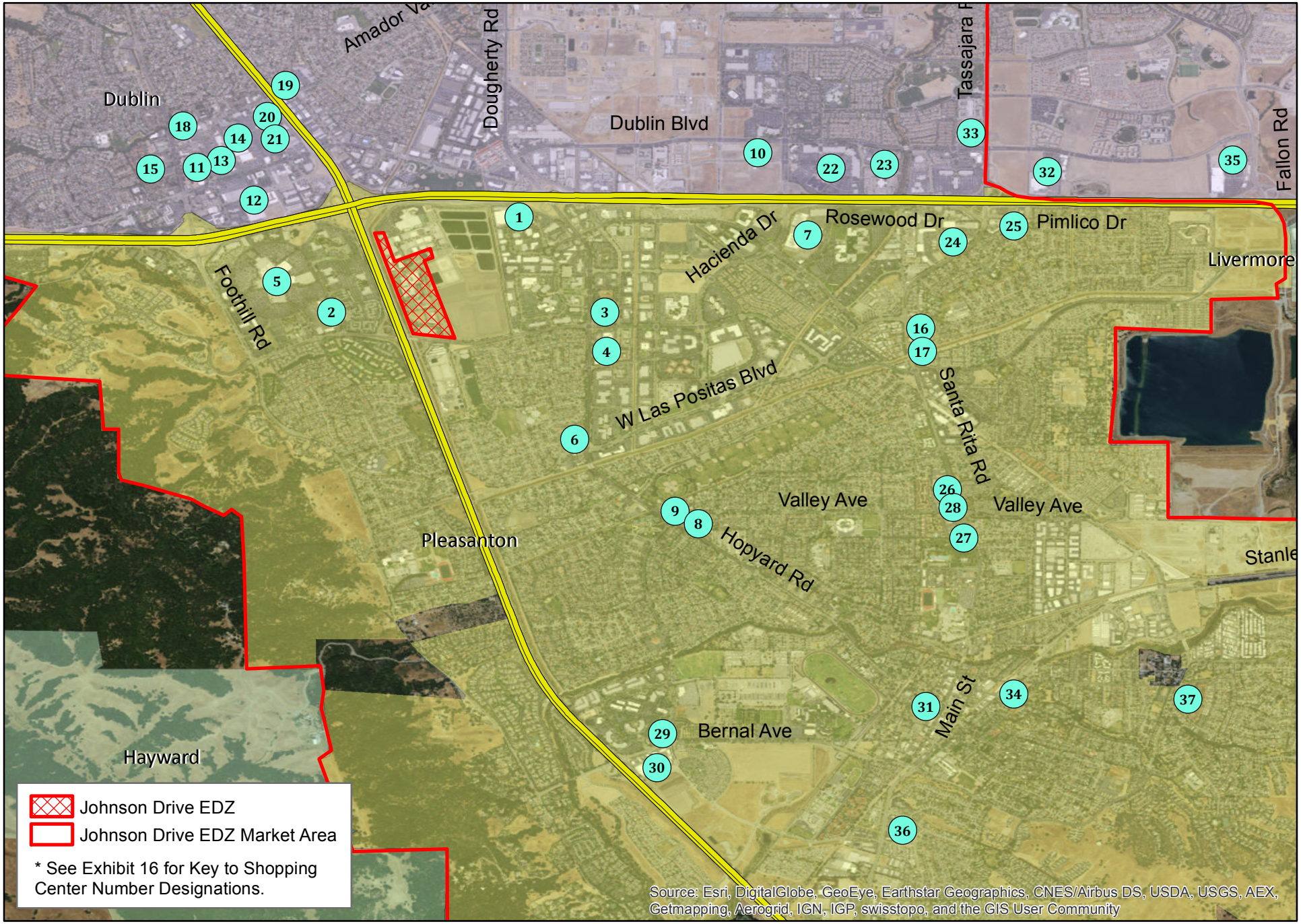
Exhibit 16
Representative Existing Shopping Areas
Cities of Pleasanton and Dublin
February 2016

Map No. (1)	Name	Address	City	Estimated Sq. Ft.	Select Major Anchors/Tenants (2)	Vacancies (3)	Driving Distance to Site (miles)
1	Pleasanton Square Shopping Center	6000 Johnson Dr	Pleasanton	205,000	Home Depot, Smart & Final Extra, BevMo!, In N Out	No visible	0.9
2	JC Penney Plaza	5532 Springdale Avenue	Pleasanton	163,469	JC Penney Home, Office Max, Cost Plus, Taco Bell, Togos, medical supply, Red Cross, medical supplies, cosmetology school, liquor store, beauty supply, Chinese restaurant, dental, cleaners, salon	Three small	1.4
3	Gateway Square	4801 Hopyard Rd	Pleasanton	88,000	Chili's, Kelly Moore Paint, Round Table	Four small	1.5
4	The Crossroads Shopping Center	4555 Hopyard Rd	Pleasanton	unknown	Sweet Tomatoes, Starbucks, Subway, Red Smoke Grill, Honey Baked Ham	No visible	1.6
5	Stoneridge Shopping Center	1 Stoneridge Mall Rd	Pleasanton	1,300,000	Macy's, Sears, Nordstrom, JCPenney	No visible	2.1
6	Val Vista Center	6027 W Las Positas Blvd	Pleasanton	unknown	Lucky	No visible	2.1
7	Metro 580	4500 Rosewood Dr	Pleasanton	176,510	Walmart, Kohl's, Party City	No visible	2.6
8	Gene's Fine Food/Rite Aid	2803 Hopyard Rd	Pleasanton	unknown	Gene's Fine Food, Rite Aid, Little Caesar's	One medium (former Straw Hat Pizza)	2.7
9	Hopyard Village	3015 Hopyard Rd	Pleasanton	65,000	The Hopyard, Peet's Ale House, Mr. Pickle's, All Star Sports, Bill's Café	No visible	2.8
10	Persimmon Place	5200 Dublin Blvd	Dublin	152,500	Whole Foods, HomeGoods, Nordstrom Rack, Sur la Table, Starbucks, Ethan Allen	One small, a new sandwich shop (Firehouse subs) appears to be filling the space	3.0
11	Almond Plaza	7154-7216 Regional Street	Dublin	unknown	Mike's camera	Two small vacancies	3.0
12	Dublin Center	7884 Dublin Blvd	Dublin	154,470	DSW Shoes, Marshalls, Michaels, Ross, OSH hardware	No visible	3.0
13	Dublin Plaza Center	7193-7201 Regional St	Dublin	155,070	CVS, 99 Ranch, Sports Authority, Savers Thrift Store, Aaron Brothers	One large, estimated to be 30,000 sf (former Design Outlet)	3.1
14	Dublin Place	Amador Plaza Rd	Dublin	283,500	Target, Toys R Us, Bassett Furniture, Hobby Lobby, PetsMart, Elephant Bar	Three: One large (former Grocery Outlet), medium (former Cocos restaurant), and one small	3.1
15	Lamps Plus Plaza	7214-7256 San Ramon Road	Dublin	unknown	Lamp's Plus, Waffle Shop	One small (former Dublin Sports Pub & Grill)	3.1
16	Santa Rita Square	3170 Santa Rita Rd	Pleasanton	47,000	Domino's Pizza, Tuesday Morning	No visible	3.2
17	Meadow Plaza	3112 Santa Rita Rd	Pleasanton	unknown	Walmart Neighborhood Market, H&R Block, Mountain Mike's	No visible	3.2
18	Shamrock Village	7995 Amador Valley Blvd	Dublin	78,308	Dollar Tree, Big Lots, World of Shoes	No visible	3.2
19	Valley Center Shopping Center	7459 Amador Valley Blvd	Dublin	unknown	Royal Novelties, Dublin Jewelers	No visible	3.2
20	Amador Plaza	7153 Amador Plz Rd	Dublin	unknown	Sprouts, Jo-Ann Fabrics, REI, Chuck E. Cheese's	No visible	3.2
21	Safeway Center	7499 Dublin Boulevard	Dublin	unknown	Safeway, Panda Express, Yogurtland, Supercuts	No visible	3.2
22	Hacienda Crossings	4820 Dublin Blvd	Dublin	unknown	TJ Maxx, Best Buy, Babies R Us, Old Navy, Pier 1, Barnes & Noble, Any Mountain, Ulta Beauty, Bed, Bath & Beyond	One junior-to-large space, estimate at approximately 15,000 sq ft (former Party City)	3.3
23	Dublin Corners	4552 Dublin Blvd	Dublin	46,200	Tomatina, Papa John's	One small	3.4
24	Rose Pavilion	4225 Rosewood Dr	Pleasanton	189,000	Macy's Furniture, Golfsmith, Dollar Tree, Fitness 19, 99 Ranch, CVS	Four: 18,840 (former Ethan Allen), 15,493 (former Fresh & Easy), 28,530 (former CVS, built new store in newer section of the shopping center), & 2,366 sf	3.5
25	Pimlico Plaza	4040 Pimlico Dr	Pleasanton	26,000	Trader Joe's, Subway	One: 5,000 sf	3.6
26	Mission Plaza	1987 Santa Rita Rd	Pleasanton	unknown	Mission Plaza Café, Papa Murphy's	One small (former Elevated Holistics)	3.6
27	Amador Center	1787 Santa Rita Rd	Pleasanton	unknown	Safeway, Walgreens, Chevron	No visible	3.7
28	Valley Plaza	4307 Valley Ave	Pleasanton	9,502	Hardware store, 7-11, KFC, Jack in the Box	One	3.8
29	Bernal Plaza	Bernal Ave and Valley Ave	Pleasanton	35,722	Dicky's BBQ, State Farm Office, Round Table Pizza	Two: one medium, one small	3.9
30	Pleasanton Gateway	6750 Bernal Ave	Pleasanton	126,000	Safeway, CVS, Mike's Bikes	One small	4.0
31	Downtown Pleasanton	Main Street area	Pleasanton	unknown	Variety of specialty retailers, restaurants, hotels	Approximately 4, many leased	4.3
32	Grafton Station	Dublin Blvd and I-580	Dublin	240,000	Lowe's, Buffalo Wild Wings	One medium	4.3
33	Shops at Waterford	4440 Tassajara Rd	Dublin	127,000	Safeway, Blush, Amici's, Unleashed	No visible	4.4
34	Pleasant Plaza	4235 First St	Pleasanton	unknown	Cole's Market, Bob's Burger, Medicine Shoppe	No visible	4.5
35	Fallon Gateway	Fallon and Dublin	Dublin	379,053	Target, Dick's Sporting Goods, BJ's	No visible	5.3
36	Oak Hills Shopping Center	5424 Sunol Blvd	Pleasanton	120,000	Raley's, Mountain Mike's, Subway, Gymboree, Taco Bell	One small-to-medium (former needlepoint/craft store)	5.4
37	Vintage Hills Shopping Center	3500 Bernal Ave	Pleasanton	70,000	New Leaf Market, Platinum Fitness	No visible	5.7

Sources: Shopping center websites; local broker websites; GoogleMaps; and ALH Urban & Regional Economics.

(1) The shopping center map is in following Exhibit 17.
(2) Does not include every tenant within each center. Notes maintained in the ALH Urban & Regional Economics files reference additional shopping center tenants.
(3) Includes the size of the vacant space(s), if the information was available.

Exhibit 17: Johnson Drive Economic Development Zone Project and Area Shopping Centers*



This map contains information from sources we believe to be reliable, but we make no representation, warranty, or guarantee of its accuracy. This map is published for the use of ALH Urban & Regional Economics and its clients only. Redistribution in whole or part to any third party without the prior written consent of ALH Urban & Regional Economics is strictly prohibited.

Exhibit 18
Johnson Drive Economic Development Zone (EDZ)
Market Area, City of Pleasanton, and City of Dublin Population and Household Estimates and Projections (1) (2)
2015-2030

Geographic Area	2015	2018	2020	2025	2028	2030	Aggregate Growth 2015-2020	Aggregate Growth 2025-2030	Average Annual Growth Rate 2015-2020	Average Annual Growth Rate 2025-2030
Population										
City of Pleasanton	**73,500**	75,463	**76,800**	**80,200**	82,400	**83,900**	3,300	3,700	0.9%	0.9%
City of Dublin	**50,000**	52,479	**54,200**	**58,700**	61,535	**63,500**	4,200	4,800	1.6%	1.6%
Market Area (3)	**113,799**	117,774	**120,502**	**127,647**	132,154	**135,247**	6,703	7,600	1.2%	1.2%
Households										
City of Pleasanton	**26,400**	27,108	**27,590**	**28,730**	29,450	**29,940**	1,190	1,210	0.9%	0.8%
City of Dublin	**16,340**	17,201	**17,800**	**19,200**	20,081	**20,690**	1,460	1,490	1.7%	1.5%
Market Area (3)	**39,409**	40,824	**41,796**	**44,071**	45,504	**46,485**	2,387	2,414	1.2%	1.1%

Sources: Association of Bay Area Governments (ABAG), "Population & Household Projections 2013"; ABAG census tract level projections for Alameda County corresponding with Projections 2013; and ALH Urban & Regional Economics.

(1) Figures in bold are provided by ABAG.
(2) The interim years of 2018 and 2028, which also constitute timing for Phase 1 and Full Buildout, respectively, were calculated using the average annual growth rate.
(3) See Exhibit B-4 for the census tracts and demographic allocations that comprise the Market Area.

Exhibit 19
Market Area Retail Spending Potential (1)
Existing Retail Demand, 2015
2015 Dollars

Type of Retailer	Per Household Demand (2)	Total Market Area Demand (3)
Motor Vehicles and Parts Dealers	$5,048	$198,953,370
Home Furnishings and Appliance Stores	$1,887	$74,361,975
Building Materials and Garden Equip (4)	$2,204	$86,854,774
Food and Beverage Stores	$6,260	$246,685,096
Gasoline Stations	$4,222	$166,395,029
Clothing and Clothing Accessories Stores	$2,593	$102,183,043
General Merchandise Stores	$5,092	$200,675,116
Food Services and Drinking Places	$4,662	$183,706,767
Other Retail Group (5)	$4,590	$180,888,083
Total	**$36,558**	**$1,440,703,255**

Source: ALH Urban & Regional Economics.

(1) All figures are expressed in 2015 dollars.
(2) The per household spending estimates for the market area were generated by ALH Urban & Regional Economics by taking the estimated average 2015 market area household income figure of $146,232 and multiplying by 25%, utilizing the assumption that 25% of household income is spent on BOE type retail.This figure was then multiplied by the percentages calculated from the ratio of the BOE sales for the State of California. See Exhibit B-5.
(3) Represents per household spending multiplied by the respective household count in Exhibit 18.
(4) Building Materials and Garden Equipment includes hardware stores, plumbing and electrical supplies, paint and wallpaper products, glass stores, lawn and garden equipment, and lumber.
(5) Other Retail Group includes drug stores, electronics, health and personal care, pet supplies, gifts, art goods and novelties, sporting goods, florists, electronics, musical instruments, stationary and books, office and school supplies, second-hand merchandise, and miscellaneous other retail stores.

Exhibit 20
Retail Demand Generated by Market Area Household Growth
2015-2018 and 2018-2028 (1)
2015 Dollars

	Market Area			
Type of Retailer	**Per Household Demand (2)** [A]	**New Growth 2015-2018 Phase 1 (3)** [B = A x 1,415]	**New Growth 2018 - 2028 Incremental Full Buildout** [C = A x 4,680]	**Cumulative New Growth at Full Buildout** [D = B + C]
Motor Vehicles and Parts Dealers	$5,048	$7,145,800	$23,624,382	$30,770,182
Home Furnishings and Appliance Stores	$1,887	$2,670,856	$8,829,987	$11,500,843
Building Materials and Garden Equip .	$2,204	$3,119,560	$10,313,423	$13,432,983
Food and Beverage Stores	$6,260	$8,860,179	$29,292,205	$38,152,384
Gasoline Stations	$4,222	$5,976,404	$19,758,297	$25,734,700
Clothing and Clothing Accessories Stores	$2,593	$3,670,104	$12,133,553	$15,803,657
General Merchandise Stores	$5,092	$7,207,640	$23,828,828	$31,036,468
Food Services and Drinking Places	$4,662	$6,598,189	$21,813,950	$28,412,138
Other Retail Group	$4,590	$6,496,950	$21,479,250	$27,976,200
Total	**$36,558**	**$51,745,682**	**$171,073,874**	**$222,819,555**

Source: ALH Urban & Regional Economics.

(1) The year increment represents the base time period and the anticipated completion of Phase 1 in 2028 and the Incremental Full Buildout in 2028.
(2) The per household spending estimates for the Market Area were generated by ALH Urban & Regional Economics by taking the estimated average 2015 area household income figure of $146,232 for 2015 from Nielsen Reports and multiplying by 25%, utilizing the assumption that 25% of household income is spent on BOE type retail.This figure was then multiplied by the percentages calculated from the ratio of the BOE sales for the State of California. See Exhibit B-5.
(3) Represents per household spending multiplied by the respective increase in households. The net increase in market area households is estimated at 1,415 between 2015 and 2018 and 4,680 between 2018 and 2028. See Exhibit 18 for household projections.

Exhibit 21
Existing and Future Market Area Retail Demand by Category
2015, 2018, and 2028

Type of Retailer	Existing 2015 (1)	Incremental Phase 1 2015-2018 (2)	Incremental Full Buildout 2018-2028 (2)	Total Full Buildout
In Dollars				
Motor Vehicles and Parts Dealers	$198,953,370	$7,145,800	$23,624,382	$229,723,552
Home Furnishings and Appliance Stores	$74,361,975	$2,670,856	$8,829,987	$85,862,819
Building Materials and Garden Equip	$86,854,774	$3,119,560	$10,313,423	$100,287,757
Food and Beverage Stores	$246,685,096	$8,860,179	$29,292,205	$284,837,480
Gasoline Stations	$166,395,029	$5,976,404	$19,758,297	$192,129,729
Clothing and Clothing Accessories Stores	$102,183,043	$3,670,104	$12,133,553	$117,986,700
General Merchandise Stores	$200,675,116	$7,207,640	$23,828,828	$231,711,584
Food Services and Drinking Places	$183,706,767	$6,598,189	$21,813,950	$212,118,906
Other Retail Group	$180,888,083	$6,496,950	$21,479,250	$208,864,283
Total	**$1,440,703,255**	**$51,745,682**	**$171,073,874**	**$1,663,522,810**

Source: ALH Urban & Regional Economics.

(1) See Exhibit 19.
(2) See Exhibit 20.

Exhibit 22
City of Pleasanton Taxable Sales Estimate
in Current Dollars
Fourth Quarter 2013 Through Third Quarter 2014
(in $000s)

	BOE Taxable Sales Estimate in $000s (1)					
	Q4 2013	Q1 2014	Q2 2014	Q3 2014	Total Taxable Sales City of Pleasanton	City of Pleasanton Taxable Sales Adjusted to Total Retail
Type of Retailer	[A]	[B]	[C]	[D]	[E = A + B + C +D]	
Motor Vehicle & Parts Dealers	$79,549	$73,363	$81,566	$83,887	$318,365	$318,365
Home Furnishings & Appliances	$18,548	$15,187	$14,907	$19,510	$68,152	$68,152
Building Materials & Garden Equipment	$13,312	$12,913	$15,483	$13,919	$55,627	$55,627
Food & Beverage Stores	$20,736	$14,427	$16,444	$16,205	$67,812	$226,040 (2)
Gasoline Stations	$27,679	$28,142	$32,023	$30,260	$118,104	$118,104
Clothing & Clothing Accessories	$66,629	$43,242	$51,516	$51,758	$213,145	$213,145
General Merchandise Stores	$68,579	$42,583	$49,723	$47,810	$208,695	$278,260 (3)
Food Services & Drinking Places	$42,685	$41,927	$46,792	$47,546	$178,950	$178,950
Other Retail Group	$29,481	$21,572	$25,641	$27,670	$104,364	$132,456 (4)
Total (5)	**$367,198**	**$293,356**	**$334,095**	**$338,565**	**$1,333,214**	**$1,589,099**

Sources: California State Board of Equalization (BOE), "Taxable Sales in California (Sales & Use Tax)" reports, for Fourth Quarter 2013, First Quarter 2014, Second Quarter 2014, and Third Quarter 2014; U.S. Economic Census, "Retail Trade: Subject Series - Product Lines: Product Lines Statistics by Kind of Business for the United States: 2007"; and ALH Urban & Regional Economics.

(1) Taxable sales are pursuant to reporting by the State of California Board of Equalization (BOE).

(2) Sales for Food and Beverage Stores have been adjusted to account for non-taxable sales; only 30.0% of all food store sales are estimated to be taxable.

(3) Sales for General Merchandise Stores have been adjusted to account for non-taxable food sales, since some General Merchandise Store sales include non-taxable food items. ALH Urban & Regional Economics estimates that at least 25% of General Merchandise sales are for grocery items that are also non-taxable. This estimate is based on analysis of the 2007 U.S. Economic Census, which attributes 26% of General Merchandise Stores sales to food.

(4) Sales for Other Retail Group have been adjusted to account for non-taxable drug store sales, since drug store sales are included in the Other Retail Group category. ALH Urban & Regional Economics estimates that 33.0% of drug store sales are taxable, based on discussions with the California BOE and examination of U.S. Census data. In Alameda County, drug store sales in Q4 2013, Q1 2014, Q2 2014, and Q3 2014 represented approximately 13.26% of all Other Retail Group sales. ALH Urban & Regional Economics applied that percentage and then adjusted upward for non-taxable sales.

(5) Totals may not add up due to rounding.

Exhibit 23
City of Pleasanton
Adjusted Retail Sales Base
2015 Estimate

Type of Retailer	City of Pleasanton Sales Base 2013/2014 (1) (2) [A]	Increase to Q2 2015 (3) [B]	Approx. 2015 Estimate [C = A x (1+ B)]	Sales per Household 2015 (4) [D = C / # of HH]
Motor Vehicles & Parts Dealers	$318,365,000	16.8%	$371,772,285	$14,082
Home Furnishings & Appliance Stores	$68,152,000	17.7%	$80,219,808	$3,039
Building Materials & Garden Equipment	$55,627,000	0.5%	$55,922,945	$2,118
Food & Beverage Stores	$226,040,000	(5.0%)	$214,706,247	$8,133
Gasoline Stations	$118,104,000	(16.5%)	$98,636,079	$3,736
Clothing & Clothing Accessories Stores	$213,145,000	(21.2%)	$167,916,281	$6,360
General Merchandise Stores	$278,260,000	(0.8%)	$275,983,525	$10,454
Food Services & Drinking Places	$178,950,000	5.7%	$189,104,889	$7,163
Other Retail Group	$132,455,794	4.9%	$138,913,629	$5,262
Total	**$1,589,098,794**	**0.3%**	**$1,593,175,688**	**$60,348**

Sources: Hinderliter de Llamas (HdL) City of Pleasanton Sales Tax Data for Q2 2015 and Q2 2014; and ALH Urban & Regional Economics.

(1) See Exhibit 22.
(2) Reflects sales for fourth quarter 2013 through third quarter 2014.
(3) The sales base is adjusted pursuant to analysis of recent retail sales trends for the City of Pleasanton (i.e., second quarter 2015 and second quarter 2014). This is the most recent sales performance data available through the City's tax consultant.
(4) The City of Pleasanton had an estimated 26,400 households in early 2015. See Exhibit 18.

Exhibit 24
City of Pleasanton
Retail Demand, Sales Attraction, and Spending Analysis (1)
2015

Type of Retailer	Per Household Spending (2)	Per Household Sales (3) (4)	City of Pleasanton Household Spending (4)	City of Pleasanton Sales (3)	Retail Sales Attraction/(Leakage) Amount	Retail Sales Attraction/(Leakage) Percent
Motor Vehicles and Parts Dealers	$5,287	$14,082	$139,566,433	$371,772,285	$232,205,851	62.5%
Home Furnishings and Appliance Stores	$1,976	$3,039	$52,165,167	$80,219,808	$28,054,642	35.0%
Building Materials and Garden Equip (5)	$2,308	$2,118	$60,928,906	$55,922,945	($5,005,960)	(8.2%)
Food and Beverage Stores	$6,555	$8,133	$173,050,394	$214,706,247	$41,655,853	19.4%
Gasoline Stations	$4,421	$3,736	$116,726,652	$98,636,079	($18,090,573)	(15.5%)
Clothing and Clothing Accessories Stores	$2,715	$6,360	$71,681,736	$167,916,281	$96,234,545	57.3%
General Merchandise Stores	$5,332	$10,454	$140,774,244	$275,983,525	$135,209,281	49.0%
Food Services and Drinking Places	$4,881	$7,163	$128,870,892	$189,104,889	$60,233,997	31.9%
Other Retail Group (6)	$4,807	$5,262	$126,893,576	$138,913,629	$12,020,053	8.7%
Total	**$38,283**	**$60,348**	**$1,010,658,000**	**$1,593,175,688**	**$582,517,688**	**36.6%**

Source: ALH Urban & Regional Economics.

(1) All figures are expressed in 2015 dollars.
(2) The per household spending estimates for the City of Pleasanton were generated by ALH Urban & Regional Economics by taking the estimated average 2015 area household income figure of $153,130 for 2015 from Nielsen Reports and multiplying by 25%, utilizing the assumption that 25% of household income is spent on BOE type retail.This figure was then multiplied by the percentages calculated from the ratio of the BOE sales for the State of California. See Exhibit B-5.
(3) See Exhibit 23.
(4) Represents per household spending multiplied by the respective household count for the City of Pleasanton of 26,400.
(5) Building Materials and Garden Equipment includes hardware stores, plumbing and electrical supplies, paint and wallpaper products, glass stores, lawn and garden equipment, and lumber.
(6) Other Retail Group includes drug stores, health and personal care, pet supplies, gifts, art goods and novelties, sporting goods, florists, musical instruments, stationary and books, office and school supplies, second-hand merchandise, and miscellaneous other retail stores.

Exhibit 25
City of Dublin Taxable Sales Estimate
in Current Dollars
Fourth Quarter 2013 Through Third Quarter 2014
(in $000s)

	BOE Taxable Sales Estimate in $000s (1)					
	Q4 2013	Q1 2014	Q2 2014	Q3 2014	Total Taxable Sales City of Dublin	City of Dublin Taxable Sales Adjusted to Total Retail
Type of Retailer	[A]	[B]	[C]	[D]	[E = A + B + C +D]	
Motor Vehicle & Parts Dealers	$129,476	$117,659	$135,595	$141,701	$524,431	$524,431
Home Furnishings & Appliances	$40,640	$32,395	$31,271	$32,351	$136,657	$136,657
Building Materials & Garden Equipment	$15,988	$16,098	$20,844	$19,685	$72,615	$72,615
Food & Beverage Stores	$8,507	$6,707	$7,114	$6,893	$29,221	$97,403 (2)
Gasoline Stations	$25,658	$24,886	$29,476	$27,623	$107,643	$107,643
Clothing & Clothing Accessories	$23,345	$17,560	$20,088	$19,686	$80,679	$80,679
General Merchandise Stores	$45,483 (3)	$30,643 (3)	$34,812 (3)	$35,435 (3)	$146,372	$195,163 (4)
Food Services & Drinking Places	$38,193	$36,896	$39,520	$40,585	$155,194	$155,194
Other Retail Group	$13,037 (3)	$12,832 (3)	$15,536 (3)	$15,013 (3)	$56,419	$71,605 (5)
Total (6)	**$340,327**	**$295,676**	**$334,256**	**$338,972**	**$1,309,231**	**$1,441,390**

Sources: California State Board of Equalization (BOE), "Taxable Sales in California (Sales & Use Tax)" reports, for Fourth Quarter 2013, First Quarter 2014, Second Quarter 2014, and Third Quarter 2014; U.S. Economic Census, "Retail Trade: Subject Series - Product Lines: Product Lines Statistics by Kind of Business for the United States: 2007"; and ALH Urban & Regional Economics.

(1) Taxable sales are pursuant to reporting by the State of California Board of Equalization (BOE).

(2) Sales for Food and Beverage Stores have been adjusted to account for non-taxable sales; only 30.0% of all food store sales are estimated to be taxable.

(3) The BOE omits certain sales because their publication would result in the disclosure of confidential information. ALH Urban & Regional Economics estimated the missing category sales figures. See Exhibit B-7.

(4) Sales for General Merchandise Stores have been adjusted to account for non-taxable food sales, since some General Merchandise Store sales include non-taxable food items. ALH Urban & Regional Economics estimates that at least 25% of General Merchandise sales are for grocery items that are also non-taxable. This estimate is based on analysis of the 2007 U.S. Economic Census, which attributes 26% of General Merchandise Stores sales to food.

(5) Sales for Other Retail Group have been adjusted to account for non-taxable drug store sales, since drug store sales are included in the Other Retail Group category. ALH Urban & Regional Economics estimates that 33.0% of drug store sales are taxable, based on discussions with the California BOE and examination of U.S. Census data. In Alameda County, drug store sales in Q4 2013, Q1 2014, Q2 2014, and Q3 2014 represented approximately 13.26% of all Other Retail Group sales. ALH Urban & Regional Economics applied that percentage and then adjusted upward for non-taxable sales.

(6) Totals may not add up due to rounding.

Exhibit 26
City of Dublin
Adjusted Retail Sales Base
2015 Estimate

Type of Retailer	City of Dublin Sales Base: 2013 (1) (2) [A]	Increase to 2015 (3) [B]	Approx. 2015 Estimate [C = A x (1+ B)]	Sales per Household 2015 (4) [D = C / # of HH]
Motor Vehicles & Parts Dealers	$524,431,000	1.17%	$530,543,517	$32,469
Home Furnishings & Appliance Stores	$136,657,000	1.17%	$138,249,809	$8,461
Building Materials & Garden Equipment	$72,615,000	1.17%	$73,461,366	$4,496
Food & Beverage Stores	$97,403,333	1.17%	$98,538,620	$6,031
Gasoline Stations	$107,643,000	(16.5%)	$89,899,440	$5,502
Clothing & Clothing Accessories Stores	$80,679,000	1.17%	$81,619,356	$4,995
General Merchandise Stores	$195,162,870	1.17%	$197,437,596	$12,083
Food Services & Drinking Places	$155,194,000	1.17%	$157,002,867	$9,608
Other Retail Group	$71,605,182	1.17%	$72,439,778	$4,433
Total	**$1,441,390,385**	**-0.15%**	**$1,439,192,348**	**$88,078**

Sources: Bureau of Labor Statistics Consumer Price Index West Urban; and ALH Urban & Regional Economics.

(1) See Exhibit 25.
(2) Reflects sales for fourth quarter 2013 through third quarter 2014.
(3) The sales base is adjusted pursuant to the annual urban west Consumer Price Index 2014 to 2015 with the exception of gas prices. ALH Urban & Regional Economics estimates that gas prices would decline similar to the City of Pleasanton and used the same adjusment figure (see Exhibit 23).
(4) The City of Dublin had an estimated 16,340 households in early 2015. See Exhibit 18.

Exhibit 27
City of Dublin
Retail Demand, Sales Attraction, and Spending Analysis (1)
2015

Type of Retailer	Per Household Spending (2)	Per Household Sales (3) (4)	Dublin Household Spending (4)	Dublin Sales (3)	Retail Sales Attraction/(Leakage) Amount	Retail Sales Attraction/(Leakage) Percent
Motor Vehicles and Parts Dealers	$4,841	$32,469	$79,100,419	$530,543,517	$451,443,098	85.1%
Home Furnishings and Appliance Stores	$1,809	$8,461	$29,565,035	$138,249,809	$108,684,773	78.6%
Building Materials and Garden Equip (5)	$2,113	$4,496	$34,531,956	$73,461,366	$38,929,409	53.0%
Food and Beverage Stores	$6,002	$6,031	$98,077,728	$98,538,620	$460,892	0.5%
Gasoline Stations	$4,049	$5,502	$66,155,786	$89,899,440	$23,743,654	26.4%
Clothing and Clothing Accessories Stores	$2,486	$4,995	$40,626,211	$81,619,356	$40,993,145	50.2%
General Merchandise Stores	$4,883	$12,083	$79,784,956	$197,437,596	$117,652,640	59.6%
Food Services and Drinking Places	$4,470	$9,608	$73,038,634	$157,002,867	$83,964,233	53.5%
Other Retail Group (6)	$4,401	$4,433	$71,917,974	$72,439,778	$521,804	0.7%
Total	**$35,055**	**$88,078**	**$572,798,700**	**$1,439,192,348**	**$866,393,648**	**60.2%**

Source: ALH Urban & Regional Economics.

(1) All figures are expressed in 2015 dollars.
(2) The per household spending estimates for the City of Dublin were generated by ALH Urban & Regional Economics by taking the estimated average 2015 area household income figure of $140,220 for 2015 from Nielsen Reports and multiplying by 25%, utilizing the assumption that 25% of household income is spent on BOE type retail.This figure was then multiplied by the percentages calculated from the ratio of the BOE sales for the State of California. See Exhibit B-5.
(3) See Exhibit 26.
(4) Represents per household spending multiplied by the respective household count for Paradise of 16,340.
(5) Building Materials and Garden Equipment includes hardware stores, plumbing and electrical supplies, paint and wallpaper products, glass stores, lawn and garden equipment, and lumber.
(6) Other Retail Group includes drug stores, health and personal care, pet supplies, gifts, art goods and novelties, sporting goods, florists, musical instruments, stationary and books, office and school supplies, second-hand merchandise, and miscellaneous other retail stores.

Exhibit 28
Johnson Drive Economic Development Zone (EDZ) Sales Impacts
Incremental Impact on Existing Retail Sales Base Inclusive of Future Demand to 2018
Cities of Pleasanton and Dublin
2015 Dollars

Retail Category	Johnson Drive EDZ Market Area-Generated Project Sales (1) [A]	New Market Area Demand 2015-2018 (2) [B]	Project Sales in Excess of New Market Area Demand (3) [C = A - B if >0]	Remaining Demand Available for Retail Backfilling [D = B - A if >0]	Market Area Sales Impacts Inclusive of Future Demand: Pleasanton & Dublin Existing Combined Sales Base (4) [E]	Market Area Sales Impacts Inclusive of Future Demand: Sales Impact % of Pleasanton & Dublin Combined Sales Base [F = C / E]
Motor Vehicle & Parts Dealers	$3,143,726	$7,145,800	$0	$4,002,074	$902,315,802	0.0%
Home Furnishings & Appliances	$4,573,080	$2,670,856	$1,902,224	$0	$218,469,617	0.9%
Building Materials & Garden Equipment	$2,788,126	$3,119,560	$0	$331,434	$129,384,311	0.0%
Food & Beverage Stores	$32,075,342	$8,860,179	$23,215,163	$0	$313,244,867	7.4%
Gasoline Stations	$6,278,039	$5,976,404	$301,636	$0	$188,535,518	0.2%
Clothing & Clothing Accessories	$2,388,912	$3,670,104	$0	$1,281,192	$249,535,637	0.0%
General Merchandise Stores	$4,981,229	$7,207,640	$0	$2,226,411	$473,421,120	0.0%
Food Services & Drinking Places	$537,857	$6,598,189	$0	$6,060,332	$346,107,757	0.0%
Other Retail Group	$7,803,072	$6,496,950	$1,306,122	$0	$211,353,407	0.6%
Total	**$64,569,384**	**$51,745,682**	**$26,725,145**	**$13,901,443**	**$3,032,368,036**	**0.9%**

Source: ALH Urban & Regional Economics.

(1) See Exhibit 15 for market area generated sales.
(2) See Exhibit 20.
(3) Comprises the level of net Johnson Drive EDZ market-area-generated sales not anticipated to be absorbed by new demand occurring between the 2015 baseline period and 2018, the projected first full year of operations for Phase 1 of the Project. These are the amount of sales anticipated to be diverted from existing baseline retail establishments in the Market Area in order for the Johnson Drive EDZ Project to achieve its assumed level of sales generated by Market Area residents, assuming only Market Area establishments experience sales impacts.
(4) See Exhibits 23 and 26.

Exhibit 29
Johnson Drive Economic Development Zone (EDZ) Sales Impacts
Incremental Impact on Existing Retail Sales Base Inclusive of Future Demand from 2018 to 2028
Cities of Pleasanton and Dublin
2015 Dollars

Retail Category	Johnson Drive EDZ Market Area-Generated Project Sales (1)	New Market Area Demand 2018-2028 (2)	Project Sales in Excess of New Market Area Demand (3)	Remaining Demand Available for Retail Backfilling	Market Area Sales Impacts Inclusive of Future Demand	
					Pleasanton & Dublin Existing Combined Sales Base (4)	Sales Impact % of Pleasanton & Dublin Combined Sales Base
	[A]	[B]	[C = A - B if >0]	[D = B - A if >0]	[E]	[F = C / E]
Motor Vehicle & Parts Dealers	$0	$23,624,382	$0	$23,624,382	$902,315,802	0.0%
Home Furnishings & Appliances	$5,638,474	$8,829,987	$0	$3,191,513	$218,469,617	0.0%
Building Materials & Garden Equipment	$5,241,964	$10,313,423	$0	$5,071,460	$129,384,311	0.0%
Food & Beverage Stores	$0	$29,292,205	$0	$29,292,205	$313,244,867	0.0%
Gasoline Stations	$0	$19,758,297	$0	$19,758,297	$188,535,518	0.0%
Clothing & Clothing Accessories	$13,461,289	$12,133,553	$1,327,736	$0	$249,535,637	0.5%
General Merchandise Stores	$5,194,861	$23,828,828	$0	$18,633,966	$473,421,120	0.0%
Food Services & Drinking Places	$10,631,773	$21,813,950	$0	$11,182,176	$346,107,757	0.0%
Other Retail Group	$15,000,279	$21,479,250	$0	$6,478,970	$211,353,407	0.0%
Total	**$55,168,640**	**$171,073,874**	**$1,327,736**	**$117,232,969**	**$3,032,368,036**	**0.0%**

Source: ALH Urban & Regional Economics.

(1) See Exhibit 15 for market area generated sales.
(2) See Exhibit 20.
(3) Comprises the level of net Johnson Drive EDZ market-area-generated sales not anticipated to be absorbed by new demand occurring between 2018 and 2028. These are the amount of sales anticipated to be diverted from existing baseline retail establishments in the Market Area in order for the Johnson Drive EDZ Project to achieve its assumed level of sales generated by Market Area residents, assuming only Market Area establishments experience sales impacts.
(4) See Exhibits 23 and 26.

Exhibit 30
Johnson Drive Economic Development Zone (EDZ) Sales Impacts
Total Project Impact on Existing Retail Sales Base Inclusive of Future Demand to 2028
Cities of Pleasanton and Dublin
2015 Dollars

Retail Category	Johnson Drive EDZ Market Area-Generated Project Sales (1) [A]	Total New Market Area Demand 2015-2028 (2) [B]	Project Sales in Excess of New Market Area Demand (3) [C = A - B if >0]	Remaining Demand Available for Retail Backfilling [D = B - A if >0]	Market Area Sales Impacts Inclusive of Future Demand: Pleasanton & Dublin Existing Combined Sales Base (4) [E]	Market Area Sales Impacts Inclusive of Future Demand: Sales Impact % of Pleasanton & Dublin Combined Sales Base [F = C / E]
Motor Vehicle & Parts Dealers	$3,143,726	$30,770,182	$0	$27,626,456	$902,315,802	0.0%
Home Furnishings & Appliances	$10,211,555	$11,500,843	$0	$1,289,289	$218,469,617	0.0%
Building Materials & Garden Equipment	$8,030,090	$13,432,983	$0	$5,402,893	$129,384,311	0.0%
Food & Beverage Stores	$32,075,342	$38,152,384	$0	$6,077,042	$313,244,867	0.0%
Gasoline Stations	$6,278,039	$25,734,700	$0	$19,456,661	$188,535,518	0.0%
Clothing & Clothing Accessories	$15,850,201	$15,803,657	$46,544	$0	$249,535,637	0.0%
General Merchandise Stores	$10,176,090	$31,036,468	$0	$20,860,377	$473,421,120	0.0%
Food Services & Drinking Places	$11,169,630	$28,412,138	$0	$17,242,508	$346,107,757	0.0%
Other Retail Group	$22,803,351	$27,976,200	$0	$5,172,849	$211,353,407	0.0%
Total	**$119,738,024**	**$222,819,555**	**$46,544**	**$103,128,075**	**$3,032,368,036**	**0.0%**

Source: ALH Urban & Regional Economics.

(1) See Exhibit 15 for market area generated sales.
(2) See Exhibit 20.
(3) Comprises the level of net Johnson Drive EDZ market-area-generated sales not anticipated to be absorbed by new demand occurring between the 2015 base period and 2028, the projected first full year for cumulative full buildout of the Project. These are the amount of sales anticipated to be diverted from existing baseline retail establishments in the Market Area in order for the Johnson Drive EDZ Project to achieve its assumed level of sales generated by Market Area residents, assuming only Market Area establishments experience sales impacts.
(4) See Exhibits 23 and 26.

Exhibit 31
Identified Planned and Proposed Retail Projects (1)
Project Details and Timing Estimates
Cities of Pleasanton and Dublin
January - March 2016

	Project	Description	Potential Retail Sq. Ft.	Status	Location	Expected Opening / Completion	Driving Distance from Project Site	Percent Sales from Inside the Johnson Drive EDZ Market Area (2)	Percent Market Area Sales (3)	Market Area Competitive Sales Space (4)
Pleasanton										
1	Pacific Pearl/Staples Ranch	This project is approved for a 112,000 square-foot shopping center on approximately 11.5 acres at Staples Ranch. Estimated tenants include a 30,125-square-foot Marina Foods, 15,625 King Wah, 16,333 square feet for restaurants/quick serve, 3,632 square feet for beauty/nail salons & spa services, 1,301 square feet for learning/tutoring services, 1,605 square feet of medical/dental, 1,230 square feet of general retail, with the remaining square footage unknown.	112,000	Approved	Stoneridge Dr and El Charro Rd	Summer 2017	4.8	50%	90%	50,400
2	Vintage Sustainable Mixed-Use Village	This is a mixed-use project with 345 apartment units and 38,781 square feet of retail. The retail tenants are unknown, but the anchor tenant is estimated to be a small grocery (20,400 square feet) or drugstore (14,648 square feet).	38,781	Proposed	3150 Bernal Ave	2016	4.9	95%	95%	35,000
3	CarMax	This project is an automobile dealership consisting of an approximately 11,783-square-foot sales and presentation building, an approximately 45,000-square-foot service building, an approximately 3,930-square-foot quality control building and non-public car wash, vehicle sales display area, and related site improvements at the Auto Mall site at Staples Ranch.	11,783	Under Construction	Staples Ranch Auto Mall Site, Stoneridge Drive	2016	4.8	25%	95%	2,798
4	Essex Site 1	This project is a mixed-use high-density residential/commercial development containing 251 residential units, 4 live/work units, and approximately 5,700 square feet of retail space.	5,700	Under Construction	SE corner of Owens Dr and Willow Rd	Spring 2017	1.8	95%	95%	5,144
5	Chick-fil-A Restaurant	This project includes a 5,399-square-foot Chick-fil-A restaurant with two drive through lanes and related site improvements.	5,399	Under Construction	Johnson Ct	August 2016	1.2	95%	95%	4,873
	Subtotal		***173,663***							***98,215***

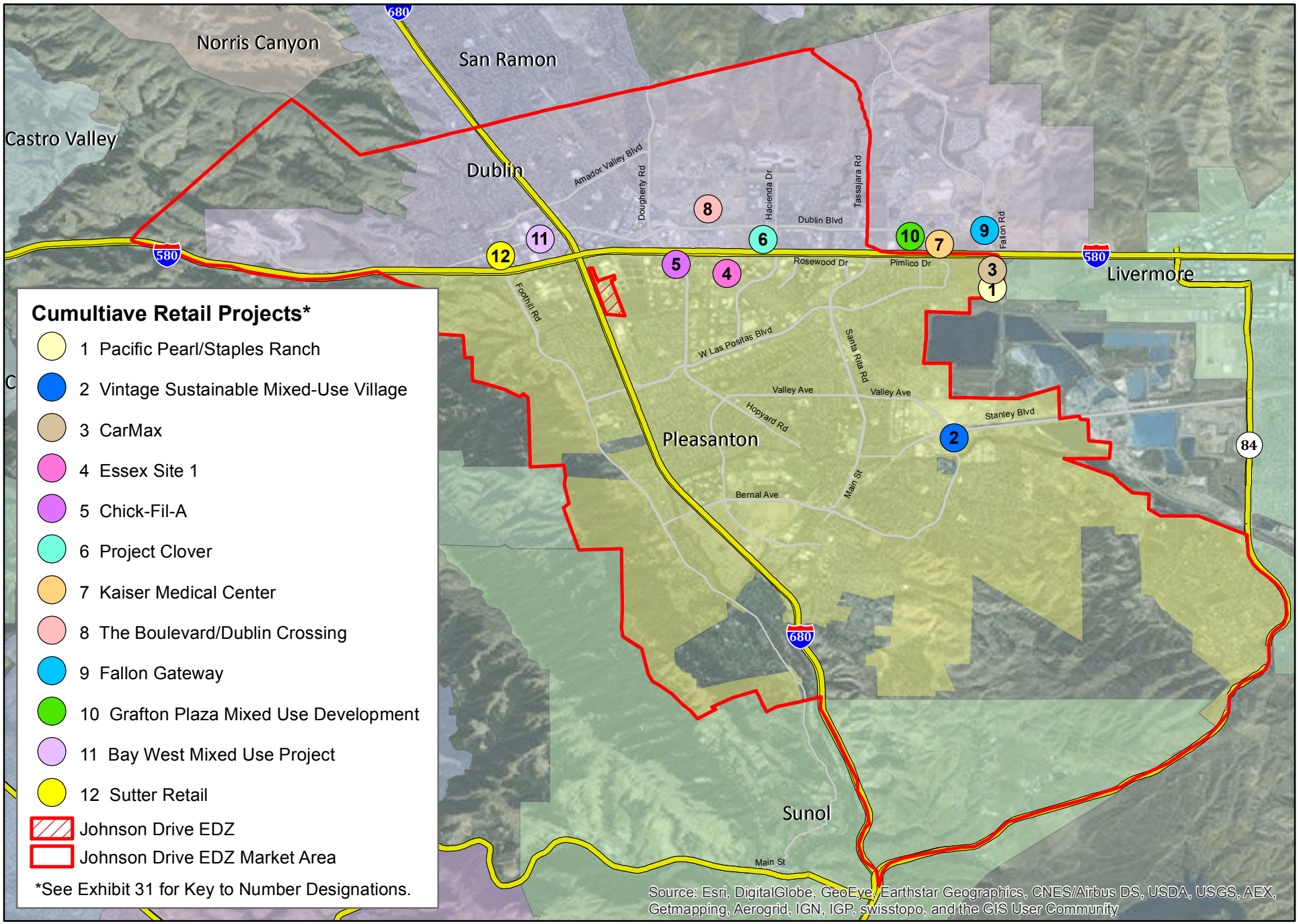
Exhibit 31
Identified Planned and Proposed Retail Projects (1)
Project Details and Timing Estimates
Cities of Pleasanton and Dublin
January - March 2016

	Project	Description	Potential Retail Sq. Ft.	Status	Location	Expected Opening / Completion	Driving Distance from Project Site	Percent Sales from Inside the Johnson Drive EDZ Market Area (2)	Percent Market Area Sales (3)	Market Area Competitive Sales Space (4)
Dublin										
6	Project Clover	This proposed commercial shopping center will be anchored by a 339,000-square-foot IKEA store and also contains four pads with retail, restaurant, and a potential 75-room boutique hotel for a total center square footage up to 430,000 square feet.	430,000	In planning stages	5144 and 5344 Martinelli Way	2018	2.8	10%	80%	34,400
7	Kaiser Medical Center (5)	This project is a medical campus comprising a 950,000-square-foot medical facility and 250,000 square feet of commercial development built over 25 years. The zoning for the project has yet to be approved and the commercial space is extremely conceptual.	250,000	In planning stages	Dublin Blvd between Grafton St and Fallon Rd	Unknown	4.3	50%	80%	100,000
8	The Boulevard/Dublin Crossing	The EIR and Specific Plan for the site allow up to 225,000 square feet of commercial space; however, the developer is leaning toward building only residential and according to a Dublin City Planner the commercial is unlikely.	225,000	Initial entitlements approved November	Bounded by 5th St Arnold Rd, Dublin Blvd, and Scarlett Dr	Unknown	3.2	66%	80%	118,800
9	Fallon Gateway (5)	This project is a partially complete 379,000-square-foot retail center with a completed 146,000-square-foot Target, 9,000-square-foot BJ's Restaurant & Brewhouse, a 55,000-square-foot Dick's Sporting Goods, and other smaller shop spaces. The remaining 140,000 square feet include 3 anchor tenants and shop space. The tenants and timing for the remaining square footage are unknown.	140,000	Approved	Fallon Rd and Dublin Blvd	Unknown	5.1	66%	90%	83,160
10	Grafton Plaza Mixed-Use Development (5)	This is an integrated mixed use project with 115 townhomes, a 122-room Aloft hotel, and a 55,000-square-foot retail center. This project is expected to be heard by the Planning Commission in February/March 2016.	55,000	In planning review	SE corner Grafton Dr and Dublin Blvd	2017 / 2018	4.3	66%	95%	34,485
11	Bay West Mixed Use Project	This is a small mixed-use downtown project with 17,000 square feet of first floor commercial with 314 apartments above.	17,000	Under Construction	Golden Gate Dr and Dublin Blvd	2016	2.3	95%	95%	15,343
12	Sutter Retail	This project is a 2,600-square-foot Starbucks with drive-thru and a 5,400-square-foot retail shop building.	8,000	In planning stages	7080 San Ramon Rd	Unknown	2.6	95%	95%	7,220
	Subtotal		***1,125,000***							***393,408***
		Grand Total	**1,298,663**							**491,623**

Sources: City of Pleasanton Planning Department; City of Pleasanton Memo titled, "Community Development Department Update January 15, 2016"; City of Dublin Planning Department; City of Dublin, "City of Dublin - Commercial and Residential Project List - 11/10/2015"; local news websites; and ALH Urban & Regional Economics.

(1) Includes retail development projects 5,000 square feet or larger with development plans in progress. Projects are generally listed in descending order of size.
(2) The cumulative retail projects are estimated to be competitive with the Johnson Drive EDZ Project to varying degrees, based on project orientation, location, and estimated amount of market area overlap, i.e., portion of sales achieved at the cumulative projects generated by consumers in the Johnson Drive EDZ Project market area. This column presents the project-specific assumptions developed by ALH Urban & Regional Economics.
(3) Reflects the percentage of project sales estimated to be generated by the project's respective market area. For projects less than 100,000 square feet the study assumes this share is 95%. For projects between 100,000 and 200,000 square feet the study assumes this share is 90%. For projects greater than 200,000 square feet the study assumes this share is 80%, which is comparable to the study assumption for the Project's general retail space.
(4) Comprises the project square footage multiplied by the assumed market area overlap and percent of sales generated by market area consumers. Reflects amount of sales space anticipated to be supported by Johnson Drive EDZ Project market area consumers.
(5) Includes projects located near but not in the Johnson Drive EDZ market area.

Exhibit 32: Johnson Drive Economic Development Zone Project and Cumulative Retail Projects



0 0.75 1.5 3 Miles

This map contains information from sources we believe to be reliable, but we make no representation, warranty, or guarantee of its accuracy. This map is published for the use of ALH Urban & Regional Economics and its clients only. Redistribution in whole or part to any third party without the prior written consent of ALH Urban & Regional Economics is strictly prohibited.

Exhibit 33
Summary of Retail Pipeline (1)
Cities of Pleasanton and Dublin
Through Johnson Drive Economic Development Zone (EDZ) Project Buildout in 2028

Demographic	Johnson Drive EDZ Retail Development Timing (2) Phase 1 (2015-2018)	Full Buildout (2015-2028)	Unknown	Total
Total Square Feet				
City of Pleasanton	98,215	98,215	0	98,215
City of Dublin	84,228	84,228	309,180 (3)	393,408
Total	**182,443**	**182,443**	**309,180**	**491,623**
Total Occupied Square Feet (4)				
City of Pleasanton	93,304	93,304	0	93,304
City of Dublin	80,016	80,016	293,721	373,737
Total	**173,321**	**173,321**	**293,721**	**467,042**

Source: ALH Urban & Regional Economics.

(1) See Exhibit 31 for square footage and timing. Does not include the Johnson Drive EDZ Project. Includes only the portion of cumulative project sales space anticipated to be competitive with the Johnson Drive EDZ Project per the market area sales overlap assumptions in Exhibit 31.
(2) The Phase I and Full Buildout timing match the anticipated timing of Johnson Drive EDZ retail development.
(3) Includes project #7 in Exhibit 31 deemed unlikely to be developed.
(4) Analysis assumes a stabilized retail vacancy rate of 5%.

Exhibit 34
Existing and Future Market Area Retail Demand Converted to Supportable Square Feet
2015 to 2018 and 2018 to 2028

Type of Retailer	Sales per Square Foot (1)	Incremental Phase 1 2015-2018	Incremental Full Buildout 2018-2028	Total 2028
In Dollars (2)				
Motor Vehicles and Parts Dealers	--	$7,145,800	$23,624,382	$30,770,182
Home Furnishings and Appliance Stores	--	$2,670,856	$8,829,987	$11,500,843
Building Materials and Garden Equip	--	$3,119,560	$10,313,423	$13,432,983
Food and Beverage Stores	--	$8,860,179	$29,292,205	$38,152,384
Gasoline Stations	--	$5,976,404	$19,758,297	$25,734,700
Clothing and Clothing Accessories Stores	--	$3,670,104	$12,133,553	$15,803,657
General Merchandise Stores	--	$7,207,640	$23,828,828	$31,036,468
Food Services and Drinking Places	--	$6,598,189	$21,813,950	$28,412,138
Other Retail Group	--	$6,496,950	$21,479,250	$27,976,200
Total		**$51,745,682**	**$171,073,874**	**$222,819,555**
By Square Feet (2)				
Motor Vehicles and Parts Dealers	$800	8,932	29,530	38,463
Home Furnishings and Appliance Stores	$323	8,282	27,380	35,661
Building Materials and Garden Equip	$300	10,405	34,398	44,803
Food and Beverage Stores	$643	13,776	45,545	59,321
Gasoline Stations	NA	0	0	0
Clothing and Clothing Accessories Stores	$385	9,533	31,518	41,052
General Merchandise Stores	$297	24,258	80,197	104,454
Food Services and Drinking Places	$608	10,850	35,872	46,723
Other Retail Group	$429	15,145	50,070	65,215
Total Retail Sales-Based		**101,181**	**334,511**	**435,692**
Additional Service Increment (3)		**18,819**	**55,489**	**74,308**
Grand Total Commercial Retail Demand (4)		**120,000**	**390,000**	**510,000**

Source: ALH Urban & Regional Economics.

(1) See Exhibit 9.
(2) See Exhibit 21.
(3) Includes an allocation of 15% of space to accommodate service retail, such as banks, personal, and business services.
(4) Rounded to the nearest 10,0000.

Exhibit 35
Cumulative Retail Impacts (1)
2018 and Through Johnson Drive Economic Development Zone (EDZ) Project Buildout in 2028

Supply and Demand Characteristic	Johnson Drive EDZ Retail Development Timing (2) Phase 1 (2015-2018)	Full Buildout (2015-2028)	Unknown (3)	Total
Retail Supply				
Johnson Drive Occupied General Retail Space Supported by the Market Area (4)	3,800	143,668	0	143,668
Johnson Drive Club Retail Space Supported by the Market Area (5)	54,079	54,079	0	54,079
Occupied Cumulative Retail Supported by the Market Area (6)	173,321	173,321	293,721	467,042
Total Cumulative Retail Additions to Supply	231,200	371,068	293,721	664,789
Cumulative Retail Unlikely to be Built (7)	0	0	112,860	112,860
Forecasted Retail Demand				
Market Area Demand (6)	120,000	510,000	NA	510,000
Supply and Demand Findings (8)				
Additional Demand Needed to Support Cumulative Retail	111,200	0	NA	267,649
Additional Demand Needed to Support Cumulative Retail Less Unlikely Projects (7)	111,200	0	NA	154,789
Resulting Increase in Combined Pleasanton/Dublin Retail Vacancy Rate (9)				
All Cumulative Projects	1.2%	0.0%	NA	2.9%
Cumulative Projects Less Unlikely Projects	1.2%	0.0%	NA	1.7%

Source: ALH Urban & Regional Economics.

(1) Considers impacts of Johnson Drive EDZ Project retail as well as other identified market area planned retail development within the timeframe similar to Johnson Drive EDZ.
(2) The phasing figures match the timing of Johnson Drive EDZ retail development. Aggregates figures by phase, so each subsequent phase (or year) includes the supply additions from the prior phase (or years)
(3) Project timing unknown, although some projects could be developed within the 2018 to 2028 time period corresponding with development of the Johnson Drive EDZ planned retail space.
(4) See Exhibit 8 for occupied square footages. These occupied square footages are then multiplied by 80% for general retail to account for demand from within the market area, see Exhibit 15.
(5) The club retail space incorporated in the cumulative analysis is a proxy for the share of store space anticipated to be supported by new market area demand generated by retail consumers.This excludes demand generated by wholesale consumers (i.e., 13%), demand generated by retail consumers from outside the market area (i.e., 33%, and recaptured sales from . area club retail stores generated by existing Project club retail market area consumers (i.e., 30%).The resulting figure of 54,079 was produced as follows: 148,000*(100%-13%)* 60%*(100%-30%) = 54,079.
(6) See Exhibit 33.
(7) The Boulevard/Dublin Crossing project is very unlikely to be retail according to the City of Dublin Planning Department; ALH Urban & Regional Economics included in part of the analysis to be conservative.
(8) Comprises the remaining demand needed to support the Johnson Drive EDZ retail space and cumulative projects.
(9) As noted in subsequent Exhibits 43 and 44, the combined retail base in Pleasanton and Dublin comprises 9,249,180 square feet. These percentages comprise the potential increase in the market area's combined vacancy rate attributable to cumulative project impacts. The combined vacancy rate as of year-end 2015 was 3.9%.

Exhibit 36
Existing Hotel Supply (1)
Cities of Pleasanton and Dublin
February 2016

Map No.	Name of Establishment	Miles from Johnson Drive EDZ (2)	Address	Class	Average Room Rate (3)		Open Date	Room Count
1	DoubleTree Pleasanton @ The Club	0.5	7050 Johnson Drive, Pleasanton	Upscale	$229		Dec 1985	292
2	Larkspur Landing Pleasanton	1.2	5535 Johnson Drive, Pleasanton	Upper Midscale	$189		Aug 1997	124
3	Motel 6 Pleasanton	1.5	5102 Hopyard Road, Pleasanton	Economy	$92	(4)	Jun 1975	76
4	Extended Stay America Pleasanton Chabot Drive	1.6	4555 Chabot Drive, Pleasanton	Economy	$150		Feb 1998	112
5	Courtyard Pleasanton	1.6	5059 Hopyard Road, Pleasanton	Upscale	$179		Sep 1986	145
6	Four Points by Sheraton Pleasanton	1.7	5115 Hopyard Road, Pleasanton	Upscale	$179		Oct 1985	214
7	Best Western Plus Pleasanton Inn	1.7	5375 Owens Court, Pleasanton	Upper Midscale	$130		Oct 1983	97
8	Hyatt House Pleasanton	1.7	4545 Chabot Drive, Pleasanton	Upscale	$249		Jul 1998	128
9	Sheraton Hotel Pleasanton	1.9	5990 Stoneridge Mall Road, Pleasanton	Upper Upscale	$159		Jun 1985	170
10	La Quinta Inns & Suites Dublin Pleasanton	2.1	6275 Dublin Blvd, Dublin	Midscale Class	$189		Jan 1999	91
11	Marriott Pleasanton	2.2	11950 Dublin Canyon Road, Pleasanton	Upper Upscale	$269		Jan 1986	242
12	Residence Inn Pleasanton	2.3	11920 Dublin Canyon Road, Pleasanton	Upscale	$189	(4)	Aug 1999	135
13	Holiday Inn Dublin Pleasanton	2.7	6680 Regional St, Dublin	Upper Midscale	$171		Jun 1977	222
14	Hyatt Place Dublin Pleasanton	3.0	4950 Hacienda Dr, Dublin	Upscale Class	$189		Jun 1999	127
15	Extended Stay America Dublin Hacienda Drive	4.4	4500 Dublin Blvd, Dublin	Economy	$150		Feb 2000	122
								2,297

Sources: Smith Travel Research; Hotel websites; GoogleMaps; and ALH Urban & Regional Economics.

(1) Includes hotels that participate in the Smith Travel Research trend analysis. Therefore, not all hotels are included. For example, this inventory does not include downtown Pleasanton's two hotels - the Rose Hotel with 38 rooms (considered an Upper Upscale Class hotel by Smith Travel Research) and Pleasanton Hotel.
(2) The site location assumed for distance mapping purpose is the intersection of Johnson Drive and Commerce Circle.
(3) Average room rate for a single room with a king-sized bed for 2 adults, free cancellation. No special pricing applied. Internet-based room queries, approximately 3 weeks prior to notice.
(4) The hotel does not offer king-sized beds, the average rate is for a single room with a queen-sized bed.

Exhibit 37: Johnson Drive Economic Development Zone Project and Area Hotels

This map contains information from sources we believe to be reliable, but we make no representation, warranty, or guarantee of its accuracy. This map is published for the use of ALH Urban & Regional Economics and its clients only. Redistribution in whole or part to any third party without the prior written consent of ALH Urban & Regional Economics is strictly prohibited.

Exhibit 38
Supply and Demand Trends
Pleasanton and Dublin Hotels (1)
2009 -2015

Year	Average No. of Rooms (2)	Annual Supply (3)		Annual Demand (4)		Annual Occupancy (5)
		Amount	% Change	Amount	% Change	
2009	2,312	843,880	---	474,120	---	56%
2010	2,304	840,940	-0.35%	552,328	16.5%	66%
2011	2,300	839,500	-0.17%	593,518	7.5%	71%
2012	2,300	839,500	0.00%	621,426	4.7%	74%
2013	2,300	839,500	0.00%	646,492	4.0%	77%
2014	2,298	838,765	-0.09%	649,010	0.4%	77%
2015	2,297	838,405	-0.04%	682,934	5.2%	81%

Sources: Smith Travel Research, Hotel Trend Report, Pleasanton and Dublin, CA, January 2009 through December 2015, created February 8, 2016; and ALH Urban & Regional Economics.

(1) Includes hotels listed and mapped in Exhibit 36 and Exhibit 37.
(2) Comprises the average number of rooms throughout the calendar year. Derived from Annual Supply figures (i.e., Annual Supply/365 days in a year).
(3) Annual supply is reported by Smith Travel Research. Annual supply is equal to the summation of the number of rooms available per month times the number of days in the period.
(4) Annual demand is reported by Smith Travel Research. See footnote (6) for information about the 2015 estimate.
(5) Annual occupancy comprises annual demand divided by annual supply.

Exhibit 39
Projected Future Hotel Supply and Demand Trends (1)
Cities of Pleasanton and Dublin
2015 - 2028

Year	Number of Rooms		Annual Supply (2)		Demand per Annual Growth Growth Rate in Demand (3)	Occupancy per Annual Growth Rate in Demand (4)	
	Option 1	Option 2	Option 1	Option 2		Option 1	Option 2
2015	2,297 (5)	2,297	838,405	838,405	682,934	81%	81%
2016	2,297	2,297	838,405	838,405	697,451	83%	83%
2017	2,297	2,297	838,405	838,405	712,276	85%	85%
2018 (6)	***2,447***	***2,528***	***893,155***	***922,720***	***727,417***	***81%***	***79%***
2019	2,447	2,528	893,155	922,720	742,879	83%	81%
2020	2,447	2,528	893,155	922,720	747,576	84%	81%
2021	2,447	2,528	893,155	922,720	752,302	84%	82%
2022	2,447	2,528	893,155	922,720	757,059	85%	82%
2023	2,447	2,528	893,155	922,720	761,845	85%	83%
2024	2,447	2,528	893,155	922,720	766,662	86%	83%
2025	2,447	2,528	893,155	922,720	771,626	86%	84%
2026	2,447	2,528	893,155	922,720	776,623	87%	84%
2027	2,447	2,528	893,155	922,720	781,652	88%	85%
2028	2,447	2,528	893,155	922,720	786,714	88%	85%

Sources: Smith Travel Research; and ALH Urban & Regional Economics.

(1) Includes existing hotels listed in Exhibit 28 plus the planned Johnson Drive EDZ Project hotel options with 150 rooms (Option 1) and 231 rooms (Option 2).
(2) Comprises annual number of rooms multiplied by 365 days in a year.
(3) Forecasted based on the incremental growth rates identified in Exhibit 40, which collectively comprise 2.1% a year from 2015-2020; and .6% a year from 2020 to 2030.
(4) Annual occupancy comprises annual demand divided by annual supply. Note the existing 2015 baseline occupancy rate is estimated as 81.5%, as reported in Exhibit 38.
(5) Per Exhibit 38 the Smith Travel Research report pertains to 2,297 hotel rooms.
(6) The analysis examines the impact of the planned Johnson Drive EDZ hotel by year 2018. Each option includes the addition of the anticipated number of hotel rooms in that year.

Exhibit 40
Total Jobs Estimates and Projections
Cities of Pleasanton and Dublin (1) (2)
2015 - 2030

Geographic Area	2015	2018	2020	2025	2028	2030	Aggregate Growth 2015-2020	Aggregate Growth 2020-2025	Aggregate Growth 2025-2030	Average Annual Growth Rate 2015-2020	Average Annual Growth Rate 2020-2025	Average Annual Growth Rate 2025-2030
City of Pleasanton	**58,520**	61,197	**63,050**	**64,320**	65,097	**65,620**	4,530	1,270	1,300	1.5%	0.4%	0.4%
City of Dublin	**19,930**	22,336	**24,100**	**25,620**	26,598	**27,270**	4,170	1,520	1,650	3.9%	1.2%	1.3%
Total	78,450	83,534	87,150	89,940	91,694	92,890	8,700	2,790	2,950	2.1%	0.6%	0.6%

Sources: Association of Bay Area Governments (ABAG), "Population & Household Projections 2013"; and ALH Urban & Regional Economics.

(1) Figures in bold are provided by ABAG.
(2) The interim years of 2018 and 2028, which also constitute timing for Johnson Drive EDZ Project Phase 1 and Full Buildout, respectively, were calculated using the average annual growth rate.

Exhibit 41
Identified Planned and Proposed Hotel Projects (1)
Cities of Pleasanton and Dublin (2)
February 2016

	Project	Description	Potential Net New Hotel Rooms	Status	Location	Expected Opening / Completion
1	Grafton Plaza Mixed-Use Development - Aloft Hotel	This is an integrated mixed use project with 115 townhomes, a 122-room Aloft hotel, and a 55,000-square-foot retail center. This project is expected to be heard by the Planning Commission in February/March 2016.	122	In planning review	SE corner Grafton Dr and Dublin Blvd, Dublin	2017 / 2018
2	Project Clover	This proposed commercial shopping center will be anchored by a 339,000-square-foot IKEA store and also contains four pads with retail, restaurant, and a potential 75-room boutique hotel for a total center square footage up to 430,000 square feet.	75	In planning review	5144 and 5344 Martinelli Way, Dublin	2018
		Total	**197**			

Sources: City of Pleasanton Planning Department; City of Pleasanton Memo titled, "Community Development Department Update January 15, 2016"; City of Dublin Planning Department; City of Dublin, "City of Dublin - Commercial and Residential Project List - 11/10/2015"; and ALH Urban & Regional Economics.

(1) Hotel projects or project including hotels with development plans in progress with the cities of Pleasanton and Dublin.
(2) There are no hotels currently being planned in the City of Pleasanton, other than the one at the Johnson Drive EDZ Project.

Exhibit 42
Cumulative Hotel Occupancy Analysis (1)
Cities of Pleasanton and Dublin
2015 - 2028

Year	Number of Rooms		Annual Supply (2)		Demand per Annual Growth Growth Rate in Demand (3)	Occupancy per Annual Growth Rate in Demand (4)	
	Option 1	Option 2	Option 1	Option 2		Option 1	Option 2
2015	2,297 (5)	2,297	838,405	838,405	682,934	81%	81%
2016	2,297	2,297	838,405	838,405	697,451	83%	83%
2017 (6)	2,419	2,419	882,935	882,935	712,276	81%	81%
2018 (7)(8)	2,644	2,725	965,060	994,625	727,417	75%	73%
2019	2,644	2,725	965,060	994,625	742,879	77%	75%
2020	2,644	2,725	965,060	994,625	747,576	77%	75%
2021	2,644	2,725	965,060	994,625	752,302	78%	76%
2022	2,644	2,725	965,060	994,625	757,059	78%	76%
2023	2,644	2,725	965,060	994,625	761,845	79%	77%
2024	2,644	2,725	965,060	994,625	766,662	79%	77%
2025	2,644	2,725	965,060	994,625	771,626	80%	78%
2026	2,644	2,725	965,060	994,625	776,623	80%	78%
2027	2,644	2,725	965,060	994,625	781,652	81%	79%
2028	2,644	2,725	965,060	994,625	786,714	82%	79%

Sources: Smith Travel Research; and ALH Urban & Regional Economics.

(1) Includes existing hotels listed in Exhibit 36 plus the planned Johnson Drive EDZ Project hotel options with 150 rooms (Option 1) and 231 rooms (Option 2).
(2) Comprises annual number of rooms multiplied by 365 days in a year.
(3) Forecasted based on the incremental growth rates identified in Exhibit 40, which collectively comprise 2.1% a year from 2015-2020; and .6% a year from 2020 to 2030.
(4) Annual occupancy comprises annual demand divided by annual supply. Note the existing 2015 baseline occupancy rate is estimated as 81.5%, as reported in Exhibit 38.
(5) Per Exhibit 38 the Smith Travel Research report pertains to 2,297 hotel rooms.
(6) Includes the addition of the cumulative hotel project at the Grafton Plaza Mixed-Use Development with 122 rooms. See Exhibit 41.
(7) The analysis examines the impact of the planned Johnson Drive EDZ hotel by year 2018. Each option includes the addition of the anticipated number of hotel rooms in that year.
(8) Includes the addition of the cumulative hotel project at Project Clover with 75 rooms. See Exhibit 41.

Exhibit 43
City of Pleasanton Retail Vacancy Trends
2006 (2nd Qtr) Through 2015

	Rentable Building Area						Leasing Activity		New Construction			
Period	# Bldgs	Total SF	Vacant SF	Percent Vacant	Occupied SF	Total Net Absorption	Total Deals	Total SF Leased	Number Delivered	RBA Delivered	# Under Const	RBA Under Const
2015 Q4	292	5,219,542	120,084	2.30%	5,099,458	8,202	12	24,500	0	0	3	91,783
2015 Q3	292	5,219,542	128,286	2.50%	5,091,256	49,992	5	8,475	1	31,792	3	91,783
2015 Q2	291	5,187,750	146,486	2.80%	5,041,264	10,172	12	28,994	0	0	4	123,575
2015 Q1	291	5,187,750	156,658	3.00%	5,031,092	-23,731	11	39,290	0	0	1	31,792
2014 Q4	291	5,187,750	132,927	2.60%	5,054,823	129,767	6	16,941	0	0	0	0
2014 Q3	291	5,187,750	262,694	5.10%	4,925,056	9,206	14	47,320	1	1,118	0	0
2014 Q2	290	5,186,632	270,782	5.20%	4,915,850	264	9	14,988	0	0	1	1,118
2014 Q1	290	5,186,632	271,046	5.20%	4,915,586	-6,181	5	6,515	0	0	1	1,118
2013 Q4	290	5,186,632	264,865	5.10%	4,921,767	10,347	13	21,103	0	0	0	0
2013 Q3	290	5,186,632	275,212	5.30%	4,911,420	30,413	13	29,770	0	0	0	0
2013 Q2	290	5,186,632	305,625	5.90%	4,881,007	-12,363	16	40,215	0	0	0	0
2013 Q1	290	5,186,632	293,262	5.70%	4,893,370	18,227	11	11,350	0	0	0	0
2012 Q4	290	5,186,632	311,489	6.00%	4,875,143	11,282	16	28,167	1	109,411	0	0
2012 Q3	289	5,077,221	213,360	4.20%	4,863,861	9,642	12	42,031	0	0	1	109,411
2012 Q2	289	5,077,221	223,002	4.40%	4,854,219	-6,503	17	36,560	2	9,813	1	109,411
2012 Q1	287	5,067,408	206,686	4.10%	4,860,722	41,431	8	37,259	5	59,150	3	119,224
2011 Q4	282	5,008,258	188,967	3.80%	4,819,291	61,488	19	34,537	1	58,000	8	178,374
2011 Q3	281	4,950,258	192,455	3.90%	4,757,803	29,001	7	37,762	0	0	9	236,374
2011 Q2	281	4,950,258	221,456	4.50%	4,728,802	-2,761	13	32,884	0	0	8	126,963
2011 Q1	281	4,950,258	218,695	4.40%	4,731,563	14,271	7	42,442	1	4,573	8	126,963
2010 Q4	280	4,945,685	228,393	4.60%	4,717,292	-4,364	9	19,783	0	0	1	4,573
2010 Q3	280	4,945,685	224,029	4.50%	4,721,656	3,830	10	22,324	0	0	1	4,573
2010 Q2	280	4,945,685	227,859	4.60%	4,717,826	-31,558	8	20,572	0	0	1	4,573
2010 Q1	280	4,945,685	196,301	4.00%	4,749,384	46,120	7	8,956	0	0	0	0
2009 Q4	280	4,945,685	242,421	4.90%	4,703,264	25,968	12	19,057	0	0	0	0
2009 Q3	280	4,945,685	268,389	5.40%	4,677,296	-18,633	8	19,544	0	0	0	0
2009 Q2	280	4,945,685	249,756	5.00%	4,695,929	-94,267	9	33,783	0	0	0	0
2009 Q1	281	4,954,129	163,933	3.30%	4,790,196	-40,682	2	2,464	0	0	0	0
2008 Q4	281	4,954,129	123,251	2.50%	4,830,878	-9,956	5	8,504	0	0	0	0
2008 Q3	281	4,954,129	113,295	2.30%	4,840,834	12,793	5	11,534	0	0	0	0
2008 Q2	281	4,954,129	126,088	2.50%	4,828,041	-37,415	4	32,370	0	0	0	0
2008 Q1	281	4,954,129	88,673	1.80%	4,865,456	-11,097	2	25,479	1	2,520	0	0
2007 Q4	281	4,952,701	76,148	1.50%	4,876,553	10,411	3	3,473	0	0	1	2,520
2007 Q3	281	4,952,701	86,559	1.70%	4,866,142	7,229	1	1,798	1	7,000	1	2,520
2007 Q2	280	4,945,701	86,788	1.80%	4,858,913	-2,828	0	1,120	1	15,488	1	7,000
2007 Q1	279	4,930,213	68,472	1.40%	4,861,741	14,527	0	9,235	0	0	2	22,488
2006 Q4	279	4,930,213	82,999	1.70%	4,847,214	12,930	1	4,971	0	0	1	15,488
2006 Q3	279	4,930,213	95,929	1.90%	4,834,284	16,451	1	6,114	0	0	1	15,488
2006 Q2	279	4,930,213	112,380	2.30%	4,817,833	76,755	5	21,382	0	0	1	15,488

Sources: Costar; and CB Richard Ellis.

Exhibit 44
City of Dublin Retail Vacancy Trends
2006 (2nd Qtr) Through 2015

	Rentable Building Area						Leasing Activity		New Construction			
Period	# Bldgs	Total SF	Vacant SF	Percent Vacant	Occupied SF	Total Net Absorption	Total Deals	Total SF Leased	Number Delivered	RBA Delivered	# Under Const	RBA Under Const
2015 Q4	210	4,029,638	238,347	5.90%	3,791,291	16,193	5	12,869	6	42,679	0	0
2015 Q3	204	3,986,959	211,861	5.30%	3,775,098	92,175	10	38,474	1	76,500	6	42,679
2015 Q2	203	3,910,459	227,536	5.80%	3,682,923	-10,046	15	52,106	2	65,642	7	119,179
2015 Q1	201	3,844,817	151,848	3.90%	3,692,969	31,562	13	37,011	0	0	3	142,142
2014 Q4	201	3,844,817	183,410	4.80%	3,661,407	34,407	12	24,960	2	13,500	3	142,142
2014 Q3	200	3,871,262	244,262	6.30%	3,627,000	36,737	10	49,330	0	0	3	17,142
2014 Q2	200	3,871,262	280,999	7.30%	3,590,263	87,519	12	45,842	0	0	2	13,500
2014 Q1	200	3,871,262	368,518	9.50%	3,502,744	-7,983	13	115,144	0	0	0	0
2013 Q4	200	3,871,262	360,535	9.30%	3,510,727	-9,827	11	56,082	3	31,029	0	0
2013 Q3	197	3,840,233	319,679	8.30%	3,520,554	69,009	15	44,674	0	0	3	31,029
2013 Q2	197	3,840,233	388,688	10.10%	3,451,545	50,807	10	61,291	1	129,478	3	31,029
2013 Q1	196	3,710,755	310,017	8.40%	3,400,738	15,241	6	11,703	0	0	1	129,478
2012 Q4	196	3,710,755	325,258	8.80%	3,385,497	16,081	4	16,995	1	7,371	1	129,478
2012 Q3	195	3,703,384	333,968	9.00%	3,369,416	5,368	11	36,908	0	0	2	136,849
2012 Q2	195	3,703,384	339,336	9.20%	3,364,048	-45,673	10	75,416	0	0	2	136,849
2012 Q1	195	3,703,384	293,663	7.90%	3,409,721	-8,841	7	14,981	0	0	0	0
2011 Q4	195	3,703,384	284,822	7.70%	3,418,562	208,172	8	15,388	2	164,235	0	0
2011 Q3	193	3,539,149	328,759	9.30%	3,210,390	-53,549	4	3,685	0	0	2	164,235
2011 Q2	193	3,539,149	275,210	7.80%	3,263,939	56,830	3	11,607	0	0	2	164,235
2011 Q1	193	3,539,149	332,040	9.40%	3,207,109	46,871	6	16,213	0	0	2	164,235
2010 Q4	193	3,539,149	378,911	10.70%	3,160,238	24,674	7	56,553	0	0	0	0
2010 Q3	193	3,539,149	403,585	11.40%	3,135,564	20,754	14	98,346	0	0	0	0
2010 Q2	193	3,539,149	424,339	12.00%	3,114,810	46,457	5	39,909	0	0	0	0
2010 Q1	193	3,539,149	470,796	13.30%	3,068,353	9,828	8	16,352	0	0	0	0
2009 Q4	193	3,539,149	480,624	13.60%	3,058,525	39,494	5	36,330	0	0	0	0
2009 Q3	193	3,539,149	520,118	14.70%	3,019,031	-12,241	8	46,958	0	0	0	0
2009 Q2	193	3,539,149	507,877	14.40%	3,031,272	-143,883	6	20,402	0	0	0	0
2009 Q1	195	3,600,827	425,672	11.80%	3,175,155	-52,997	5	21,942	4	49,660	0	0
2008 Q4	191	3,551,167	323,015	9.10%	3,228,152	-14,893	7	66,478	1	117,000	4	49,660
2008 Q3	190	3,434,167	191,122	5.60%	3,243,045	-20,412	6	11,689	1	17,836	5	166,660
2008 Q2	189	3,416,331	152,874	4.50%	3,263,457	21,985	3	15,528	0	0	6	184,496
2008 Q1	189	3,416,331	174,859	5.10%	3,241,472	20,234	1	10,000	1	52,410	6	184,496
2007 Q4	188	3,363,921	142,683	4.20%	3,221,238	5,207	1	1,326	0	0	7	236,906
2007 Q3	188	3,363,921	147,890	4.40%	3,216,031	30,391	0	0	0	0	2	70,246
2007 Q2	188	3,363,921	178,281	5.30%	3,185,640	46,172	0	2,850	0	0	2	70,246
2007 Q1	188	3,363,921	224,453	6.70%	3,139,468	171,406	5	7,242	1	31,400	1	17,836
2006 Q4	187	3,332,521	364,459	10.90%	2,968,062	190,297	2	13,120	1	23,917	2	49,236
2006 Q3	187	3,310,522	532,757	16.10%	2,777,765	-78,233	4	92,627	0	0	3	73,153
2006 Q2	187	3,310,522	454,524	13.70%	2,855,998	-8,419	4	37,810	1	12,937	1	23,917

Sources: Costar; and CB Richard Ellis.

Exhibit 45
Johnson Drive Economic Development Zone (EDZ) Market Area and Bordering Market Area
Representative Retail Vacancies Available for Lease
January 2016

	Property	Orientation to Market Area	Address	Driving Distance from Site (miles)	Year Built	Total Available Space (SF)	Former Use
Pleasanton							
1	**1807 E Santa Rita Rd**	**In market area**	**1807 E Santa Rita Rd**	**3.8**	**1977**	**3,000**	**Former UPS Store**
2	239 Main St	In market area	239 Main St	4.5	1985	2,450	
3	337 Main St	In market area	337 Main St	4.4	1983	3,280	Former bank
4	4001 Santa Rita Rd	In market area	4001 Santa Rita Rd	3.5	1991	2,366	
5	4307 Valley Ave	In market area	4307 Valley Ave	3.7	NA	635	
6	**5424-5460 Sunol Blvd**	**In market area**	**5424-5460 Sunol Blvd**	**5.1**	**1988**	**1,500**	**Former needle-point/crafts store**
7	5480 Sunol Blvd	In market area	5480 Sunol Blvd	5.1	NA	2,500	
8	5676-5694 Stoneridge Dr	In market area	5676-5694 Stoneridge Dr	2.2	1986	2,000	
9	5677-5681 Stoneridge Dr	In market area	5677-5681 Stoneridge Dr	2.2	1986	1,312	
10	610 Main St	In market area	610 Main St	4.2	1970	585	
11	**6455 Owens Dr**	**In market area**	**6455 Owens Dr**	**1.3**	**1971**	**7,000**	**Former Denny's**
12	**6700 Santa Rita Rd**	**In market area**	**6700 Santa Rita Rd**	**3.9**	**1988**	**8,000**	
13	706 Main St	In market area	706 Main St	4.2	1918	1,500	
14	**Bernal Plaza**	**In market area**	**6654 Koll Center Pky**	**3.6**	**1988**	**4,871**	
15	**Gateway Square**	**In market area**	**4807 Hopyard Rd**	**1.4**	**1989**	**6,825**	
16	**Gateway Square**	**In market area**	**4811 Hopyard Rd**	**1.5**	**2004**	**6,036**	
17	**Gateway Square**	**In market area**	**4825 Hopyard Rd**	**1.5**	**1989**	**2,323**	
18	**Gateway Square**	**In market area**	**4877 Hopyard Rd**	**1.4**	**1989**	**4,000**	
19	Hopyard Village	In market area	3003 Hopyard Rd	2.4	1982	957	
20	Hopyard Village	In market area	3015 Hopyard Rd	2.4	1982	1,096	
21	Hopyard Village	In market area	3037 Hopyard Rd	2.4	1982	2,383	
22	Hopyard Village	In market area	3059 Hopyard Rd	2.4	1982	3,132	
23	Hopyard Village	In market area	5737 Hopyard Rd	2.6	1989	3,500	
24	**Pleasanton Gateway**	**In market area**	**6750-6790 Bernal Ave**	**3.6**	**2012**	**1,813**	
25	**Rose Pavilion**	**In market area**	**4225 Rosewood Dr**	**3.5**	**NA**	**28,530**	**Former Ethan Allen**
26	**Vintage Hills Shopping Center**	**In market area**	**3550 Bernal Ave**	**5.4**	**1981/2007**	**1,800**	
	Subtotal					**103,394**	
Dublin							
1	7100-7114 Village Pky	In market area	7100-7114 Village Pky	2.7	1966	2,550	
2	**7372 San Ramon Rd**	**In market area**	**7372 San Ramon Rd**	**3.0**	**1972/2007**	**8,600**	**Mountain Mike's Pizza Coming Soon**
3	7375-7459 Amador Valley	In market area	7375-7459 Amador Valley	2.8	NA	1,502	
4	7660 Amador Valley Blvd	In market area	7660 Amador Valley Blvd	2.8	NA	2,500	
5	**Almond Plaza**	**In market area**	**7156-7172 Regional St**	**3.0**	**1955**	**3,977**	
6	**Almond Plaza**	**In market area**	**7190-7200 Regional St**	**3.0**	**1955**	**2,050**	
7	Amador Center	In market area	6028-6046 Dougherty Rd	2.1	NA	1,500	
8	Dublin City Center	In market area	6797-6799 Dublin Blvd	2.5	1970	2,500	
9	Dublin Corners	In market area	4540-4566 Dublin Blvd	4.4	2006	1,546	
10	Dublin Corners	In market area	4560-4590 Dublin Blvd	4.4	2006	2,721	
11	**Dublin Place**	**In market area**	**7575 Dublin Blvd**	**2.4**	**1980**	**5,933**	**Former Coco's Restaurant**
12	**Dublin Plaza Center**	**In market area**	**7193-7201 Regional St**	**2.8**	**1971**	**31,673**	**Former Design Outlet Store**
13	Enea Plaza	In market area	7115-7155 Amador Plaza Rd	2.4	NA	2,000	Proposed fast food building
14	Fallon Gateway	Bordering market area	2680-2696 Fallon Rd	5.0	2015	9,200	Phase II
15	Fallon Gateway	Bordering market area	2820 Dublin Blvd	5.3	2013	74,478	Phase II
16	Fallon Gateway	Bordering market area	Fallon Rd	5.0	2015	10,610	Phase II
17	Fallon Gateway	Bordering market area	Fallon Rd	5.0	2015	8,491	Phase II
18	Fallon Gateway	Bordering market area	Fallon Rd	5.0	2015	6,185	Phase II
19	Fallon Gateway	Bordering market area	3890 Fallon Rd	5.0	2015	4,548	Phase II
20	**Grafton Station**	**Bordering market area**	**3700-3720 Dublin Blvd**	**4.4**	**2009**	**2,216**	
21	**Hacienda Crossings**	**In market area**	**4820-5000 Dublin Blvd**	**3.1**	**1999**	**15,608**	**Former Party City**
22	Lamps Plus Plaza	In market area	7214-7256 San Ramon Rd	2.8	1991	2,192	
23	**Lamps Plus Plaza**	**In market area**	**7274-7298 San Ramon Rd**	**2.9**	**1991**	**4,209**	**Former Dublin Sports Pub & Grill**
24	**Persimmon Place**	**In market area**	**5240-5350 Dublin**	**3.2**	**2015**	**5,359**	
25	**Shamrock Village**	**In market area**	**7721-7745 Amador Valley Blvd**	**2.9**	**1988/2006**	**1,115**	
26	**Village Square/Valley Plaza**	**In market area**	**7293-7477 Village Pky**	**3.0**	**1970**	**24,768**	**Former Kelley Moore Paints**
	Subtotal					**238,031**	
	Total					**341,425**	

Sources: CoStar; GoogleMaps; and ALH Urban & Regional Economics.

(1) ALH Urban & Regional Economics has fieldwork photos from February 2016 on file for the properties denoted in bold text.

Exhibit 46
Examples of Larger Backfilled Retail/Commercial Tenants
City of Pleasanton

Location	Driving Distance from Site (Miles)	Prior Tenant - Estimated Year Closed	Current/Future Tenant	Approximate Year of Occupancy	Estimated Square Footage
5775 Johnson Dr	1.2	CompUSA - 2006	Smart & Final extra!	2008	17,500
Metro 580	2.9	Borders - 2011	Party City	Early 2016	30,000
3112 Santa Rita Rd	3.1	Nob Hill Grocery - 2010	Walmart Neighborhood Market	2013	34,000
Rose Pavilion, 4299 Rosewood Dr	3.6	Levitz Furniture - 2008	99 Ranch Market	2010	45,000
Rose Pavilion, 3903 Santa Rita Rd	3.8	Fitness Express - 2010	Fresh & Easy (closed in 2015)	2011	10,000
				Total:	**136,500**
				Average:	**27,300**

Sources: City of Pleasanton Economic Development Department; and ALH Urban and Regional Economics.

Exhibit 47
Johnson Drive Economic Development Zone (EDZ) Net New Development
Project Description, Employment, and Service Population Estimates

Land Use	Incremental Sq. Ft. (1)		Employment Assumption (Sq. Ft. per Emp.) (2)	Incremental New Employ. (3)			Service Population (4)		
	Phase I	Full Buildout		Phase I	Full Buildout	Total	Phase I	Full Buildout	Total
Club Retail	148,000	0	800	185	0	185	93	0	93
General Retail (5)	4,750	174,835	400	12	437	449	6	219	224
Hotel									
Option 1	88,000	0	3,000	29	0	29	15	0	15
Option 2	132,000	0	3,000	44	0	44	22	0	22
Total									
Inc. Option 1 Hotel				226	437	663	113	219	332
Inc. Option 2 Hotel				241	437	678	120	219	339

Sources: Memorandum, Brion & Associates, "Draft Summary - Johnson Drive EDZ Fiscal Impact Analysis, City of Pleasanton, February 5, 2015; and ALH Urban & Regional Economics.

(1) See Exhibit 2 except for general retail.
(2) See Table 1, Brion & Associates Memorandum, for employment density assumptions.
(3) Comprises square footage divided by assumed square feet per employee.
(4) All employees are assumed to be equivalent to one-half a resident for City average service cost purposes. This is a standard fiscal impact analysis assumptions. Figure is rounded to the nearest whole number.
(5) Based on occupied square feet for general retail. See Exhibit 9.

Exhibit 48
City of Pleasanton Demographic, Employment, and Tax Characteristics

Data Point	Value	Measurement
Population and Employment Base, 2015 estimates (1)		
City of Pleasanton Population	73,500	annual
City of Pleasanton Employment	58,520	annual
Estimated Service Population	102,760	annual
City of Pleasanton Tax Rates and Select Tax Revenues		
City of Pleasanton General Fund Property Tax Rate (2)	24.64%	of 1.0% of property value
Sales Tax Rate (3)	1.00%	of taxable sales amount
Transient Occupancy Tax Rate (4)	8.0%	of room revenues
Vehicle in Lieu of Property Tax Revenues (5)		
FY 2015-2016 Projected	$5,580,000	annual
Assessed City of Pleasanton Valuation, FY 2015/16 (6)		
Projected Valuation	$19,586,930,736	annual

Sources: Memorandum, Brion & Associates, "Draft Summary - Johnson Drive EDZ Fiscal Impact Analysis, City of Pleasanton, February 5, 2015; "City of Pleasanton, California Operating Budget, FY 2015/16 - FY 2016/17"; and ALH Urban & Regional Economics.

(1) See Table 2, Brion & Associates Memorandum.
(2) See Table A-1, Brion & Associates Memorandum.
(3) See Table A-3, Brion & Associates Memorandum.
(4) See Table A-5, Brion & Associates Memorandum.
(5) See "City of Pleasanton, California Operating Budget, FY 2015/16 - FY 2016-17," page 4.
(6) See "City of Pleasanton, California Operating Budget, FY 2015/16 - FY 2016-17," page E-3

Exhibit 49
Johnson Drive Economic Development Zone (EDZ)
Estimated Taxable Project Sales (1)
2015 Dollars

BOE Sales Category	Phase I		Increment to Buildout		Total at Full Buildout	
	Total	Taxable	Total	Taxable	Total	Taxable
General Retail (1)						
Motor Vehicle & Parts Dealers	$0	$0	$0	$0	$0	$0
Home Furnishings & Appliance Stores	$191,486	$191,486	$7,048,093	$7,048,093	$7,239,578	$7,239,578
Building Materials and Garden Equip.	$178,020	$178,020	$6,552,455	$6,552,455	$6,730,475	$6,730,475
Food and Beverage Stores (2)	$0	$0	$0	$0	$0	$0
Gasoline Stations (3)	$0	$0	$0	$0	$0	$0
Clothing and Clothing Accessories Stores	$457,153	$457,153	$16,826,611	$16,826,611	$17,283,764	$17,283,764
General Merchandise	$176,420	$176,420	$6,493,576	$6,493,576	$6,669,997	$6,669,997
Food Services and Drinking Places	$361,061	$361,061	$13,289,717	$13,289,717	$13,650,778	$13,650,778
Other Retail	$509,418	$509,418	$18,750,349	$18,750,349	$19,259,767	$19,259,767
Subtotal	**$1,873,558**	**$1,873,558**	**$68,960,801**	**$68,960,801**	**$70,834,359**	**$70,834,359**
Club Retail (4)						
Motor Vehicles and Parts Dealers	$7,485,062	$7,485,062	$0	$0	$7,485,062	$7,485,062
Home Furnishings and Appliance Stores	$10,523,552	$10,523,552	$0	$0	$10,523,552	$10,523,552
Building Materials and Garden Equip.	$6,299,309	$6,299,309	$0	$0	$6,299,309	$6,299,309
Food and Beverage Stores (2)	$76,369,862	$22,910,959	$0	$0	$76,369,862	$22,910,959
Gasoline Stations (3)	$14,947,712	$10,894,735	$0	$0	$14,947,712	$10,894,735
Clothing and Clothing Accessories Stores	$4,817,119	$4,817,119	$0	$0	$4,817,119	$4,817,119
General Merchandise Stores	$11,524,031	$11,524,031	$0	$0	$11,524,031	$11,524,031
Food Services and Drinking Places	$592,876	$592,876	$0	$0	$592,876	$592,876
Other Retail Group	$17,608,422	$17,608,422	$0	$0	$17,608,422	$17,608,422
Subtotal	**$150,167,946**	**$92,656,065**	**$0**	**$0**	**$150,167,946**	**$92,656,065**
TOTAL	**$152,041,504**	**$94,529,623**	**$68,960,801**	**$68,960,801**	**$221,002,305**	**$163,490,424**

Source: ALH Urban & Regional Economics.

(1) See Exhibit 9.
(2) As noted on Exhibit 9, 30% of food sales are anticipated to be taxable.
(3) Gasoline sales to consumers include all applicable taxes. See Exhibit 50 for an estimate of the percentage of gasoline sales that comprises the taxable basis.
(4) See Exhibit 10. Reflects the sales anticipated to be made to retail consumers, not wholesale consumers with a resale license, which are assumed to be sales tax excempt due to purchases made subject to a resale license.

Exhibit 50
Estimated Taxable Basis of Gasoline Sales

Gasoline Sales Price Component	Figure	Measure
Gasoline Sales		
Hypothetical Sale Price per Gallon of Gasoline (1)	$3.00	per gallon
Fuel Taxes		
Federal Fuel Tax (2)	$0.184	tax per gallon
State Fuel Tax (3)	$0.395	tax per gallon
State Underground Storage Tank Fee (4)	$0.140	tax per gallon
State Sales Tax (3)	2.25%	total purchase
Local Fuel Tax (5)	1.00%	total purchase
Taxable Base Sales Price per Gallon estimate for 2013-2014 (6)		
Amount	$2.19	per gallon
Percent of Total Sales	72.9%	total purchase

Sources: Tax Policy Center, "State Motor Fuels Tax Rates, 2013," http://www.taxpolicycenter.org/taxfacts/displayafact.cfm?Docid=606; californiagasprices.com; California State Board of Equalization, Fuel Taxes Division - Tax Rates; California State Board of Equalization, "Tax Rates – Special Taxes and Fees," http://www.boe.ca.gov/sptaxprog/tax_rates_stfd.htm#18.; and ALH Urban & Regional Economics.

(1) This rate is entered as a hypothetical rate for the sole purposes of driving the analysis to deduce the taxable basis of gasoline sales, i.e., the percentage of sales that are taxable.
(2) Federal tax rate per Tax Policy Center for 2013.
(3) Gas prices at the pump are fully loaded with all relevant taxes. To estimate the taxable cost per gallon it is necessary to deduce the taxable base by backing out all applicable taxes. The effective date of the cited taxes is July 1, 2013 according to the State of California Board of Equalization.
(4) State underground storage tank fee per BOE as of January 2014.
(5) See Exhibit 48.
(6) Given the hypothetical sale price per gallon of gasoline, this is the estimated taxable portion less all applicable taxes.

Exhibit 51
Johnson Drive Economic Development Zone (EDZ)
Estimated Project Taxable Sales Net Project Impacts (1)
2015 Dollars

	Phase I			Increment to Buildout			Total at Buildout		
BOE Sales Category	Taxable Sales (2)	Project Impact Taxable Sales (3)	Minimum Net Taxable Sales	Taxable Sales (2)	Project Impact Taxable Sales	Minimum Net Taxable Sales	Taxable Sales (2)	Project Impact Taxable Sales (4)	Minimum Net Taxable Sales
Motor Vehicle & Parts Dealers	$7,485,062	$0	$7,485,062	$0	$0	$0	$7,485,062	$0	$7,485,062
Home Furnishings & Appliance Stores	$10,715,038	$1,902,224	$8,812,814	$7,048,093	$0	$7,048,093	$17,763,130	$0	$17,763,130
Building Materials and Garden Equip.	$6,477,329	$0	$6,477,329	$6,552,455	$0	$6,552,455	$13,029,784	$0	$13,029,784
Food and Beverage Stores	$22,910,959	$6,964,549	$15,946,410	$0	$0	$0	$22,910,959	$0	$22,910,959
Gasoline Stations	$10,894,735	$219,849	$10,674,886	$0	$0	$0	$10,894,735	$0	$10,894,735
Clothing and Clothing Accessories Stores	$5,274,272	$0	$5,274,272	$16,826,611	$1,327,736	$15,498,875	$22,100,883	$46,544	$22,054,339
General Merchandise	$11,700,451	$0	$11,700,451	$6,493,576	$0	$6,493,576	$18,194,028	$0	$18,194,028
Food Services and Drinking Places	$953,937	$0	$953,937	$13,289,717	$0	$13,289,717	$14,243,654	$0	$14,243,654
Other Retail	$18,117,840	$1,306,122	$16,811,719	$18,750,349	$0	$18,750,349	$36,868,189	$0	$36,868,189
Total	**$94,529,623**	**$10,392,744**	**$84,136,879**	**$68,960,801**	**$1,327,736**	**$67,633,065**	**$163,490,424**	**$46,544**	**$163,443,880**

Source: ALH Urban & Regional Economics.

(1) The purpose of this exhibit is to estimate the amount of taxable sales that the Project will attract to Pleasanton net of any potential taxable sales diversions from other Pleasanton retailers. The preceding urban decay analysis looked at the analysis relative to the market area, and not specifically the City of Pleasanton. Thus, the cited Project impacts pertain to the market area as a whole. To be extra conservative, subsequent analysis regarding retail sales tax generation assumes that all the Project impacts are experienced by Pleasanton retailers. This is conservative as the impacts will instead be spread throughout the market area, and not concentrated solely in Pleasanton.
(2) See Exhibit 49. Figures are summed for General Retail and Club Retail.
(3) See Exhibit 28. Food Sales and Gasoline Sales have been adjusted to reflect just the taxable portion (see footnoes 5 and 6).
(4) See Exhibit 30.

Exhibit 52
Johnson Drive Economic Development Zone (EDZ)
Project Property Valuation and Property Taxes
2015 Dollars

		Incremental Value (2)		
Land Use	**Value/Sq. Ft. (1)**	**Phase 1**	**Full Buildout**	**Total**
Club Retail	$300	$44,400,000	$0	$44,400,000
General Retail	$400	$1,900,000	$69,934,060	$71,834,060
Hotel (3)				
Option 1	$300	$26,400,000	$0	$26,400,000
Option 2	$300	$39,600,000	$0	$39,600,000
Total Valuation				
With Hotel Option 1		$72,700,000	$69,934,060	$142,634,060
With Hotel Option 2		$85,900,000	$69,934,060	$155,834,060
Annual Property Tax (4)				
With Hotel Option 1		$179,133	$172,318	$351,450
With Hotel Option 2		$211,658	$172,318	$383,975

Sources: Memorandum, Brion & Associates, "Draft Summary - Johnson Drive EDZ Fiscal Impact Analysis, City of Pleasanton, February 5, 2015; and ALH Urban & Regional Economics.

(1) See Table 3, Brion & Associates Memorandum.
(2) Comprises the net increment per development period. See square footages by period in Exhibit 47.
(3) ALH Economics believes the hotel value per square foot figure may be low given the current hotel concept. However, for the sake of both consistency and conservatism this fiscal impact analysis continues to assume the $300 per square foot value included in the Brion & Associates analysis.
(4) See Exhibit 48 for the City of Pleasanton property tax rate, applied to 1.0% of the property value.

Exhibit 53
Johnson Drive Economic Development Zone (EDZ)
Property Tax in Lieu of VLF Estimates
Incremental Valuation Attributable to Johnson Drive Economic Development Zone (EDZ) Development
City of Pleasanton, FY 2015/16

Category	Phase 1	Increment to Buildout	Full Buildout
Assessed Value Change			
City of Pleasanton Property Assessed Valuation (1)	$19,586,930,736	$19,586,930,736	$19,586,930,736
Property Valuation Increment Attributable to Johnson Drive EDZ (2)			
With Hotel Option 1	$72,700,000	$69,934,060	$142,634,060
With Hotel Option 2	$85,900,000	$69,934,060	$155,834,060
Percent Increase in City of Pleasanton Property Valuation Attributable to Johnson Drive EDZ			
With Hotel Option 1	0.37%	0.36%	0.73%
With Hotel Option 2	0.44%	0.36%	0.80%
VLF in Lieu Revenue			
FY 2015-2016 Projected (1)	$5,580,000	$5,580,000	$5,580,000
City Increase (Annual)			
Percent Assessed Value			
With Hotel Option 1	0.37%	0.36%	0.73%
With Hotel Option 2	0.44%	0.36%	0.80%
VLF In Lieu Revenue Attributable to Johnson Drive EDZ (3)			
With Hotel Option 1	$20,711	$19,923	$40,634
With Hotel Option 2	$24,472	$19,923	$44,395

Sources: "City of Pleasanton, California Operating Budget, FY 2015/16 - FY 2016-17"; and ALH Urban & Regional Economics.

(1) See Exhibit 48.
(2) See Exhibit 52.

Exhibit 54
Select City of Pleasanton General Fund Revenue Factors
City of Pleasanton, FY 2014/15 Dollars

Revenue Category	Amount
Daytime Population Factors (1)	
Other Taxes (i.e., Public Safety Sales Tax and Other Taxes)	$7.98
Business Licenses	$26.62
Interfund Revenue	$12.74
Interest Income and Rent	$2.38
Franchise Fees	$22.45
Miscellaneous Revenues	$0.30
Licenses and Misc. Permits	$0.21
Total (2)	$72.68
Total per Employee (3)	$36.34
Sales Tax Factors	
Sales Tax Per Employee (4)	$26.38
Sales Tax Per Occupied Hotel Room (5)	$0.50

Sources: Memorandum, Brion & Associates, "Draft Summary - Johnson Drive EDZ Fiscal Impact Analysis, City of Pleasanton, February 5, 2015; and ALH Urban & Regional Economics.

(1) These figures comprise the estimates prepared by Brion & Associates. They are presented in Table 4 of the Brion & Associates Memorandum. Some of these figures reflect adjustments that were difficult to track in the City of Pleasanton's FY 2015/16 Operating Budget, thus ALH Urban & Regional Economics conservatively incorporated the Brion & Associates figures into the current analysis. This is conservative as the Brion & Associates analysis reflects Fiscal Year 2014/15 dollars, while the current project analysis is based on Fiscal Year 2015/16 dollars.
(2) This comprises the total per employee General Fund revenue figure applicable to the Project in 2015 dollars.
(3) The Brion & Associates daytime figures pertain to the service population, which includes residents and one-half the population base. Thus, the revenue estimate per employee is equivalent to one-half the daytime estimate. This is reflected in the Brion & Associates analysis.
(4) This figure was deduced by ALH Urban & Regional Economics based upon figures included in Table A-3 in the Brion & Associates Memorandum. For all scenarios presented, ALH Urban & Regional Economics took the "City Employee Sales Tax Revenues" figure divided by the "Estimated Total Employment," to deduce a $26.38 per employee sales tax revenue figure.
(5) This figure was deduced by ALH Urban & Regional Economics based upon figures included in Table A-3 in the Brion & Associates Memorandum. For all scenarios presented, ALH Urban & Regional Economics took the "City Sales Tax from Visitors" and divided it by number of visitors to deduce a $0.50 per visitor sales tax revenue figure. For the purpose of the Brion & Associates analysis, visitors are equal to the number of occupied hotel rooms. ALH Urban & Regional Economics believes this is conservative as the analysis effectively assumes one visitor per hotel room, while hotel room occupancy typically exceeds one guest per room on average.

Exhibit 55
Johnson Drive Economic Development Zone
Select City of Pleasanton General Fund Revenues (1)
City of Pleasanton, FY 2015/16 Dollars

Revenue Source	Phase I	Full Buildout
Sales Tax		
Sales from Retail Businesses (2)	$841,369	$1,634,439
Sales from Employee Spending (3)		
Option 1 (150 rooms)	$5,967	$17,498
Option 2 (231 rooms)	$6,354	$17,885
Sales from Hotel Visitors		
Option 1 (150 rooms)	$20,531	$20,531
Option 2 (231 rooms)	$31,618	$31,618
Transient Occupancy Tax (4)		
Option 1 Hotel	$410,625	$410,625
Option 2 Hotel	$632,363	$632,363
Employee-Based Revenues (5)		
Option 1 (150 rooms)	$8,220	$24,104
Option 2 (231 rooms)	$8,753	$24,637

Source: ALH Urban & Regional Economics.

(1) Includes select revenue categories.
(2) Sales tax of 1.0% from Exhibit 48 is applied to the Project's estimated net taxable retail sales presented in Exhibit 51.
(3) Using the Brion & Associates assumptions, the analysis assumes hotel occupancy at 75%, with spending applied to the occupied room (i.e. annual visitors). Thus, Option 1 with 150 rooms has 41,062.5 occupied rooms a year (or visitors), and Option 2 has 63,236.25 occupied rooms a year (or visitors).
(4) The analysis assumes a nightly room rate of $125. This is the rate included in the Brion & Associates Memorandum. Based upon the room rates presented in Exhibit 36 this is a conservative figure. A more market-based assumption would result in higher estimated transient occupancy taxes.
(5) Reflects the per employee factor of $36.34 derived in Exhibit 54 multiplied by estimated employees.

Exhibit 56
City of Pleasanton General Fund Average Cost Expenditures
FY 2015/16 Operating Budget

City Department	FY 2015/16 Budget (1)	Estimated Offsetting Revenues (2) Percent	Estimated Offsetting Revenues (2) Amount	Net Departmental Costs (3)	Percent Fixed (4)	Net Variable Costs (5)	Cost Allocation to Employment Uses (4)	Existing Employment Base (6)	Expenditure per Employee (7)
General Government	$14,470,209	2.1%	$298,561	$14,171,648	50%	$7,085,824	25%	58,520	$30.27
Community Development	$12,453,540	44.0%	$5,481,903	$6,971,637	15%	$5,925,892	25%	58,520	$25.32
Operations Services	$17,254,056	2.9%	$492,191	$16,761,865	20%	$13,409,492	20%	58,520	$45.83
Community Services	$7,794,660	NA	$3,957,820 (8)	$3,836,840	10%	$3,453,156	25%	58,520	$14.75
Library	$4,527,377	NA	$122,200 (9)	$4,405,177	10%	$3,964,659	25%	58,520	$16.94
Police	$27,301,462	4.3%	$1,178,549	$26,122,913	10%	$23,510,622	25%	58,520	$100.44
Fire	$16,941,162	7.8%	$1,313,077	$15,628,085	10%	$14,065,277	25%	58,520	$60.09
Total	$100,742,466	12.9%	$12,844,300	$87,898,166		$71,414,921		58,520	$293.63 (10)

Sources: Memorandum, Brion & Associates, "Draft Summary - Johnson Drive EDZ Fiscal Impact Analysis, City of Pleasanton, February 5, 2015; "City of Pleasanton, California Operating Budget, FY 2015/16 - FY 2016/17"; and ALH Urban & Regional Economics.

(1) See "City of Pleasanton, California Operating Budget, FY 2015/16 - FY 2016/17," page 36. Total figure may not match source due to rounding.

(2) Except where noted, the offsetting revenues are estimated based upon the figures reported in Table 5a of the Brion & Associates Memorandum. ALH Economics was unsure of the correct more recent budget figures for select Brion & Associates figures in these columns based upon the documentation included in the Brion & Associates Memorandum, and thus calculated the Offsetting Revenues as a percentage of the cited expenditures in the Brion & Associates Memorandum and used the resulting percentages to estimate comparable offsetting revenues for Fiscal Year 2015/16.

(3) Comprises budgeted expenditures less the estimated offsetting revenues.

(4) See Table 5, Brion & Associates Memorandum.

(5) Fiscal impact studies that examine municipal expenditures on an average cost basis, such as this analysis, often assume a portion of City expenditures are fixed and will not vary with a change in the population served. The resulting variable expenditures are then allocated across the relevant population served, which could include just residents, just employees, or the service population, which includes both residents and an allocation for employees. For the purpose of this analysis, and to parallel the cited Brion & Associates analysis, the expenditures presented in this column comprise the expenditures applicable to allocation among the City's variable service population, comprising employees and residents.

(6) See Exhibit 48.

(7) Equal to (Net Variable Costs* Cost allocation to Employment Uses)/Existing Employment Base. This comprises a per employee estimate of the expenditure per city service area.

(8) See "City of Pleasanton, California Operating Budget, FY 2015/16 - FY 2016/17," page 145,.

(9) See "City of Pleasanton, California Operating Budget, FY 2015/16 - FY 2016/17," page 158.

(10) This compares to $269.69 derived by Brion & Associates for FY 2014/15. See Table 5A in the Brion & Associates Memorandum.

Exhibit 57
Johnson Drive Economic Development Zone (EDZ)
Annual Net Fiscal Impact Analysis (1)
City of Pleasanton General Fund
FY 2015/16 Dollars

General Fund Revenues and Expenditures Categories	Option 1 Hotel (150 rooms) Phase I	Option 1 Hotel (150 rooms) Buildout	Option 2 Hotel (231 rooms) Phase I	Option 2 Hotel (231 rooms) Buildout
Net Fiscal Revenues (2)				
Property Taxes (3)	$179,133	$351,450	$211,658	$383,975
Property Tax in Lieu of VLF (4)	$20,711	$40,634	$24,472	$44,395
Retail Store Retail Sales Taxes (5)	$841,369	$1,634,439	$841,369	$1,634,439
Other Retail Sales Taxes (Employees and Hotel Guests) (5)	$8,220	$24,104	$8,753	$24,637
Transient Occupancy Taxes (5)	$410,625	$410,625	$632,363	$632,363
Employee-Based Revenues (5)	$8,220	$24,104	$8,753	$24,637
Sub-total	$1,468,278	$2,485,357	$1,727,367	$2,744,445
Expenditures (6) (7)				
General Government	$6,848	$20,079	$7,292	$20,523
Community Development	$5,727	$16,792	$6,098	$17,163
Operations Services	$10,367	$30,398	$11,039	$31,070
Community Services	$3,337	$9,785	$3,553	$10,001
Library	$3,831	$11,234	$4,080	$11,483
Police	$22,720	$66,620	$24,193	$68,094
Fire	$13,592	$39,856	$14,474	$40,737
Sub-total	$66,422	$194,764	$70,728	$199,071
General Fund Net Impact (8) (9)	**$1,401,857**	**$2,290,593**	**$1,656,639**	**$2,545,375**
General Fund Net Impact Assuming Lower Club Retail Sales (9)(10)				
Amount	**$1,108,820**	**$1,927,692**	**$1,363,603**	**$2,182,474**
Percent of Net Impact Assuming Higher Club Retail Sales	**79.1%**	**84.2%**	**82.3%**	**85.7%**

Sources: Memorandum, Brion & Associates, "Draft Summary - Johnson Drive EDZ Fiscal Impact Analysis, City of Pleasanton, February 5, 2015; and ALH Urban & Regional Economics.

(1) Includes estimated General Fund revenues less estimated General Fund expenditures.
(2) Includes the most substantial revenues anticipated to accrue to the City of Pleasanton General Fund resulting from the Project's stabilized operations. However, there may be yet additional revenues flowing to the General Fund pursuant to the Project's operations. This analysis also include the revenues and expenditures included in the Brion & Associates February 2015 analysis for the Johnson Drive EDZ.
(3) See Exhibit 52.
(4) See Exhibit 53.
(5) See Exhibit 55.
(6) The estimated service costs per employee were derived in Exhibit 56. These costs were multiplied by the estimated number of Project employees presented in Exhibit 47.
(7) It is possible the City of Pleasanton may be responsible for a portion of the Project's transportation costs, but the amount of this expenditure is not presently identified. Thus, Project expenditures may increase by some as yet unidentified amount.
(8) Comprises revenues less expenditures.
(9) Depending upon whether or not the City funds a portion of the Project's transportation costs, as referenced in footnote (7), the net revenues generated by the Project may be lower than estimated.
(10) The Brion & Associates analysis assumed a lower sales per square foot figure for the club retail space than assumed in the preceding urban decay analysis. This sales figure was $700 per square foot (see Table A-3 in the Brion & Associates Memorandum). At this lesser level of sales performance the amount of sales tax generated by the club retail space would be lower. ALH Economics estimates that the Retail Store Retail Sales Taxes assuming the $700 per square foot sales performance would result in approximately 35% lower retail sales taxes for Hotel Option 1, and 22% lower retail sales taxes for Hotel Option 2. This estimation was determined through sensitivity analysis, and continues to include some assumption for diverted retail sales from existing retailers.

APPENDIX B: SUPPORT EXHIBITS

Exhibit B-1
Calculation of Sales per Square Foot Estimates
Select Retail Stores and Store Types
2010 through 2013, and 2015 Projected (1)

Store or Category (2)	2010		2011		2012		2013		Average
	In 2010$'s	In 2015$'s	In 2011$'s	In 2015$'s	In 2012$'s	In 2015$'s	In 2013$'s	In 2015$'s	In 2015$'s
Apparel									
Apparel - Specialty	$405	$444	$447	$476	$472	$492	$451	$463	$469
Women's' Apparel	$365	$400	$455	$485	$515	$537	$473	$486	$477
Shoe Stores	$371	$406	$454	$484	$487	$508	$475	$488	$471
Ross Dress for Less	$324	$355	$195	$208	$195	$203	$362	$372	$284
Kohl's	$229	$251	$215	$229	$209	$218	$190	$195	$223
Discount Stores	$196	$215	$212	$226	$213	$222	$202	$208	$218
Target	$282	$309	$290	$309	$304	$317	$297	$305	$310
Wal-Mart	$422	$462	$499	$532	$456	$475	$376	$386	$464
Department Stores Category	$252	$276	$276	$294	$274	$286	$285	$293	$287
Sears	$206	$226	$205	$218	$210	$219	$161	$165	$207
Domestics Category	$294	$322	$288	$307	$268	$279	$300	$308	$304
Furniture Category	$198	$217	$290	$309	$361	$376	$449	$461	$341
Average of Domestics & Furniture	$246	$269	$289	$308	$315	$328	$375	$385	$323
Neighborhood Center Category									
Supermarkets	$535	$586	$533	$568	$575	$600	$611	$628	$595
Specialty/Organic	$510	$559	$658	$701	$698	$728	$756	$777	$691
Drug Stores	$724	$793	$657	$700	$667	$695	$629	$646	$709
Rite Aid	$421	$461	$560	$596	$549	$572	$556	$571	$550
CVS	$802	$878	$806	$858	$883	$921	$875	$899	$889
Restaurants Category	$429	$470	$496	$528	$480	$501	$486	$499	$500
Casual Dining	$431	$472	$578	$616	$563	$587	$567	$583	$564
Fast Food Chains	$431	$472	$507	$540	$492	$513	$543	$558	$521
Starbucks	$671	$735	$749	$798	$785	$819	$1,012	$1,040	$848
Home Improvement	$269	$295	$278	$296	$287	$299	$301	$309	$300
Auto - DIY Stores (3)	$205	$225	$218	$232	$220	$229	$217	$223	$227
Other Retail Categories									
Accessories	$778	$852	$978	$1,042	$1,191	$1,242	$1,032	$1,060	$1,049
HBA, Home Fragrances	$541	$593	$474	$505	$531	$554	$519	$533	$546
Electronics & Appliances	$686	$751	$1,171	$1,247	$821	$856	$946	$972	$957
Office Supplies	$263	$288	$270	$288	$262	$273	$283	$291	$285
Sports	$226	$248	$239	$255	$252	$263	$253	$260	$256
Pet Supplies	$185	$203	$188	$200	$218	$227	$234	$240	$218
Book Superstores	$180	$197	$247	$263	$210	$219	$189	$194	$218
Toys	$320	$351	$333	$355	$312	$325	$220	$226	$314
Music Superstores	$318	$348	$317	$338	$314	$327	$292	$300	$328
Gifts, Hobbies & Fabrics	$124	$136	$136	$145	$137	$143	$151	$155	$145
Ulta Salon, Cosmetics, & Fragrances	$368	$403	$402	$428	$380	$396	$373	$383	$403
Average of Other Retail Categories	$363	$397	$432	$460	$421	$439	$408	$420	$429

Sources: Retail MAXIM, "Alternative Retail Risk Analysis for Alternative Capital" 2011, 2012, 2013, and 2014 (all publications present figures in the prior year dollars); United States Bureau of Labor Statistics Consumer Price Index - All Urban Consumers; and ALH Urban & Regional Economics.

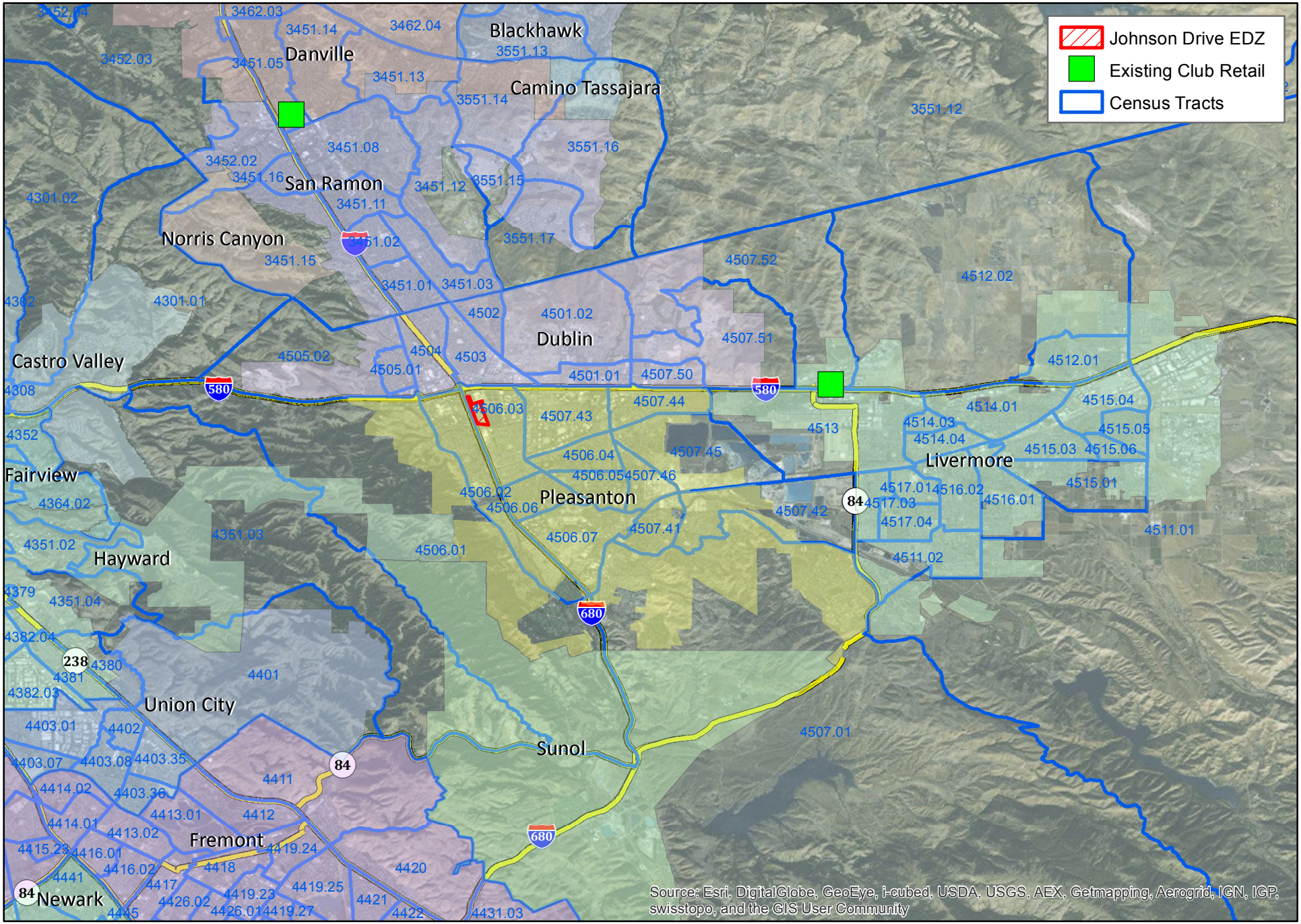
(1) Figures are adjusted to 2015 pursuant to the April CPI Index for all urban consumers.
(2) Includes industry-and category-representative stores.
(3) Average reflects a four-year trend.

Exhibit B-2
Johnson Drive EDZ Market Area Census Tracts and the Associated Jurisdiction

Census Tract GeoID	Census Tract Number	Majority Jurisdiction
06001450101	4501.01	Dublin
06001450102	4501.02	Dublin
06001450200	4502	Dublin
06001450300	4503	Dublin
06001450400	4504	Dublin
06001450501	4505.01	Dublin
06001450502	4505.02	Dublin
06001450601	4506.01 - Partial	Pleasanton
06001450602	4506.02	Pleasanton
06001450603	4506.03	Pleasanton
06001450604	4506.04	Pleasanton
06001450605	4506.05	Pleasanton
06001450606	4506.06	Pleasanton
06001450607	4506.07	Pleasanton
06001450701	4507.01 - Partial	Pleasanton/Sunol
06001450741	4507.41	Pleasanton
06001450742	4507.42	Pleasanton
06001450743	4507.43	Pleasanton
06001450744	4507.44	Pleasanton
06001450745	4507.45 - Partial	Pleasanton
06001450746	4507.46	Pleasanton

Sources: ESRI ArcMap; US Census Tigerline Shapefiles 2015; and ALH Urban & Regional Economics.

Exhibit B-3: Johnson Drive Economic Development Zone Project, Area Club Retail, and Census Tracts



This map contains information from sources we believe to be reliable, but we make no representation, warranty, or guarantee of its accuracy. This map is published for the use of ALH Urban & Regional Economics and its clients only. Redistribution in whole or part to any third party without the prior written consent of ALH Urban & Regional Economics is strictly prohibited.

Exhibit B-4
Johnson Drive EDZ Market Area Census Tracts
Population and Housing Estimates and Projections
2015-2030

	Population				Households			
Census Tract	**2015**	**2020**	**2025**	**2030**	**2015**	**2020**	**2025**	**2030**
4501.01	5,722	7,134	8,515	10,010	2,435	3,063	3,663	4,305
4501.02	10,117	10,862	11,965	13,170	1,343	1,445	1,550	1,670
4502	4,247	4,423	4,600	4,781	2,004	2,084	2,156	2,229
4503	4,793	5,028	5,247	5,466	1,626	1,701	1,768	1,834
4504	6,299	6,645	7,010	7,410	2,154	2,276	2,398	2,534
4505.01	3,455	3,772	4,074	4,380	1,377	1,510	1,629	1,750
4505.02	4,368	4,546	4,724	4,901	1,558	1,618	1,673	1,728
4506.01 - Partial (1)	3,095	3,147	3,207	3,263	1,154	1,171	1,186	1,202
4506.02	8,953	9,189	9,452	9,723	3,267	3,348	3,425	3,508
4506.03	4,783	4,908	5,046	5,191	1,552	1,590	1,627	1,667
4506.04	4,923	5,047	5,175	5,309	1,709	1,749	1,787	1,826
4506.05	3,777	3,873	3,973	4,077	1,393	1,425	1,455	1,486
4506.06	5,878	6,026	6,185	6,345	1,988	2,034	2,076	2,121
4506.07	5,391	5,517	5,654	5,792	2,288	2,341	2,389	2,439
4507.01 - Partial (2)	7,858	8,044	8,244	8,453	2,529	2,584	2,635	2,689
4507.41	4,893	5,019	5,162	5,301	1,805	1,845	1,883	1,921
4507.42	4,694	4,810	4,932	5,061	1,823	1,864	1,903	1,943
4507.43	6,236	7,795	9,331	10,983	2,512	3,131	3,725	4,356
4507.44	4,978	5,145	5,340	5,564	1,596	1,647	1,701	1,765
4507.45 - Partial (3)	6,106	6,260	6,419	6,584	2,042	2,088	2,132	2,176
4507.46	3,232	3,312	3,392	3,482	1,254	1,282	1,309	1,336
Total	**113,799**	**120,502**	**127,647**	**135,247**	**39,409**	**41,796**	**44,071**	**46,485**

Sources: Association of Bay Area Governments (ABAG), "Population & Households Projections 2013" by census tract; and ALH Urban & Regional Economics.

(1) These figures comprise 90% of the population and household estimates and projections prepared by ABAG for this census tract. This is attributable to most, but not all of the census tract being located in the market area, as some portions of this census tract are closer to other existing club retail locations and thus not anticipated to comprise the market area for the Project. However, observation of satellite imaging indicates that the majority of the population base is located in the portion of the census tract located in the market area. Hence the 90% assumption included in the analysis.
(2) These figures comprise 95% of the population and household estimates and projections prepared by ABAG for this census tract. This is attributable to most, but not all of the census tract being located in the market area, as some portions of this census tract are closer to other existing club retail locations and thus not anticipated to comprise the market area for the Project. However, observation of satellite imaging indicates that the majority of the population base is located in the portion of the census tract located in the market area. Hence the 95% assumption included in the analysis.
(3) These figures comprise 100% of the population and household estimates and projections prepared by ABAG for this census tract. This is attributable to most, but not all of the census tract being located in the market area, as some portions of this census tract are closer to other existing club retail locations and thus not anticipated to comprise the market area for the Project. However, observation of satellite imaging indicates that the majority of the population base is located in the portion of the census tract located in the market area. Hence the 100% assumption included in the analysis.

Exhibit B-5
State of California Board of Equalization Taxable Retail Sales Estimates by Retail Category
2013
(in $000s)

Type of Retailer	Total Taxable Sales (1)	State of California Taxable Sales Adjusted to Total Retail	% of Total
Motor Vehicle & Parts Dealers	$67,986,436	$67,986,436	13.8%
Home Furnishings & Appliances	$25,411,008	$25,411,008	5.2%
Building Materials & Garden Equipment	$29,680,053	$29,680,053	6.0%
Food & Beverage Stores	$25,289,203	$84,297,343 (2)	17.1%
Gasoline Stations	$56,860,585	$56,860,585	11.5%
Clothing & Clothing Accessories	$34,918,036	$34,918,036	7.1%
General Merchandise Stores	$51,431,094	$68,574,792 (3)	13.9%
Food Services & Drinking Places	$62,776,360	$62,776,360	12.8%
Other Retail Group	$48,086,943	$61,813,158 (4)	12.6%
Total (5)	**$402,439,718**	**$492,317,771**	**100%**

Sources: California State Board of Equalization (BOE), "Taxable Sales in California (Sales & Use Tax) during 2013; U.S. Economic Census, "Retail Trade: Subject Series - Product Lines: Product Lines Statistics by Kind of Business for the United States and States: 2007"; and ALH Urban & Regional Economics.

(1) Taxable sales are pursuant to reporting by the BOE.
(2) Sales for Food and Beverage Stores have been adjusted to account for non-taxable sales; only 30.0% of all food store sales are estimated to be taxable.
(3) Sales for General Merchandise Stores have been adjusted to account for non-taxable food sales, since some General Merchandise Store sales include non-taxable food items. ALH Urban & Regional Economics estimates that at least 25% of General Merchandise sales are for grocery items that are also non-taxable. This estimate is based on analysis of the 2007 U.S. Economic Census, which attributes approximately 26% of General Merchandise Stores sales to food.
(4) Sales for Other Retail Group have been adjusted to account for non-taxable drug store sales, since drug store sales are included in the Other Retail Group category. ALH Urban & Regional Economics estimates that 33.0% of drug store sales are taxable, based on discussions with the California BOE and examination of U.S. Census data. In California, drug store sales in 2013 represented approximately 14.06% of all Other Retail Group sales. ALH Urban & Regional Economics applied that percentage and then adjusted upward for non-taxable sales.

(5) Totals may not add up due to rounding.

Exhibit B-6
Household Income Spent on Retail (1)
United States
2013

Characteristic	All Consumer Units	Household Income Range $40,000 to $49,999	$50,000 to $69,999	$70,000 and more
Average HH Income	$63,784	$44,576	$59,101	$131,945
Amount Spent on Retail (2)	$20,555	$17,769	$21,104	$32,771
Percent Spent on Retail (3)	32%	40%	36%	25%

Sources: Table 1202. Income before taxes: Annual expenditure means, shares, standard errors, and coefficient of variation, Consumer Expenditure Survey, 2013, U.S. Bureau of Labor Statistics; and ALH Urban & Regional Economics.

(1) Includes retail categories estimated to be equivalent to the retail sales categories compiled by the State of California, Board of Equalization.
(2) Includes the Consumer Expenditures categories of: food; alcoholic beverages; laundry and cleaning supplies; other household products; household furnishings and equipment; apparel and services; vehicle purchases, cars and trucks, new; vehicle purchases, cars and trucks, used; vehicle purchases, other vehicles; gasoline and motor oil; 1/2 of maintenance and repairs (as a proxy for taxable parts); drugs; medical supplies; audio and visual equipment and services; pets, toys, hobbies, and playground equipment; other entertainment supplies, equipment, and services; personal care products and services; and reading; tobacco products and smoking supplies.
(3) Percentages may be low as some expenditure categories may be conservatively undercounted by ALH Economics.

Exhibit B-7
Board of Equalization Omitted Taxable Sales Estimates for the City of Dublin
Using Alameda County Sales Percentages
Fourth Quarter 2013 through Third Quarter 2014
(in $000s)

	Alameda County		City of Dublin	
	Amount	% of Total	Given	Calculated
Type of Retailer	[A]	[B]	[C]	[E = B * D]
Q4 2013				
General Merchandise	$610,110	13.4%	#	$45,483
Other Retail Group	--	--	$58,520	$13,037 (1)
Total	**$4,565,159**	**--**	**$340,325**	**--**
Q1 2014				
General Merchandise	$420,137	10.4%	#	$30,643
Other Retail Group	--	--	$43,475	$12,832 (1)
Total	**$4,053,966**	**--**	**$295,676**	**--**
Q2 2014				
General Merchandise	$465,703	10.4%	#	$34,812
Other Retail Group	--	--	$50,348	$15,536 (1)
Total	**$4,471,623**	**--**	**$334,257**	**--**
Q3 2014				
General Merchandise	$472,263	10.5%	#	$35,435
Other Retail Group	--	--	$50,448	$15,013 (1)
Total	**$4,517,673**	**--**	**$338,973**	**--**

Sources: California State Board of Equalization (BOE), "Taxable Sales in California" reports, for Fourth Quarter 2013, First Quarter 2014, Second Quarter 2014, and Third Quarter 2014; and ALH Urban & Regional Economics.

(1) The BOE omits certain sales because their publication would result in the disclosure of confidential information; the omitted sales are included in the Other Retail Group sales. The Other Retail Group is calculated by taking the figure given by the BOE and subtracting the new estimated for the categories that had been omitted.