

Appendix 6-2

**Air Quality Technical Report and Technical Appendices**

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# **SEAWALL LOT 337/PIER 48 (MISSION ROCK) PROJECT AIR QUALITY TECHNICAL REPORT**

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**April 2017**



ICF. 2017. Seawall Lot 337/Pier 48 (Mission Rock) Project Air Quality  
Technical Report. Draft. April. (ICF 00336.13.) San Francisco, CA. Prepared  
for City and County of San Francisco Planning Department, Environmental  
Planning Division, San Francisco, CA.



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## Appendix A Modeling Details

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**All tables and figures are provided in an attachment to this document (Seawall Lot 337/Pier 48 [Mission Rock] Project Air Quality Technical Report – Tables and Figures)**

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### 1.1 Introduction

Seawall Lot 337 Associates, LLC, project sponsor of the Seawall Lot 337 and Pier 48 Mixed-Use Project (Mission Rock Project or proposed project) proposes a mixed-use, multi-phase waterfront development of Seawall Lot 337, rehabilitation and reuse of Pier 48 south of China Basin, and construction of approximately 5.4 acres of net new open spaces, for a total of 8 acres of open space on the site. The project site is located in the City and County of San Francisco. At completion, the proposed project would encompass up to approximately 2.8 million gross square feet (gsf) of residential, commercial, production, and active/retail uses on Seawall Lot 337, plus approximately 263,000 gsf for the reuse of the existing Pier 48. This Air Quality Technical Report (AQTR) evaluates criteria air pollutant emissions and associated health risks associated with the proposed project in concurrence with City and County of San Francisco Planning Department, Environmental Planning Division, California Environmental Quality Act (CEQA) requirements. This AQTR includes a discussion of the current regulatory setting, existing air quality conditions in the area of the proposed project, and applicable analysis methodologies.

This AQTR also presents the methods used to evaluate criteria air pollutant, fine particulate matter of 2.5 microns in diameter or smaller (PM<sub>2.5</sub>) and diesel particulate matter (DPM) emissions, as well as associated health risks from construction equipment exhaust and operational sources (both from the proposed project and cumulative) on new onsite and existing sensitive receptors<sup>1</sup> located in the vicinity of the proposed project. Fine particulate matter of 10 microns in diameter or smaller (PM<sub>10</sub>) is used as a surrogate for DPM emissions in this analysis.

All tables and figures are presented in the *Seawall Lot 337/Pier 48 (Mission Rock) Project Air Quality Technical Report – Tables and Figures* document.

### 1.2 Project Location

The 28-acre project site consists of several areas: the 14.2-acre Seawall Lot 337; the 0.3-acre strip of land on the south side of Seawall Lot 337, referred to as Block P20; the 6.0-acre Pier 48, the existing 2.2-acre China Basin Park; and 5.4 acres of streets and access areas within or adjacent to the boundaries of Seawall Lot 337 and Pier 48 (see Figure 1). The project site is located in the China Basin area of the city and adjacent to the Mission Bay South Redevelopment Area. The project site encompasses approximately 1.23 million square feet (approximately 28 acres).

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<sup>1</sup> The Bay Area Air Quality Management District generally defines a sensitive receptor as a facility or land use that houses or attracts members of the population who are particularly sensitive to the effects of air pollutants, such as children, the elderly, and people with illnesses. Examples of sensitive receptors include residential areas, schools, and hospitals. Bay Area Air Quality Management District. 2011. *California Environmental Quality Act Air Quality Guidelines*. Updated May 2011.

Seawall Lot 337 is a roughly rectangular parcel bounded by Terry A. Francois Boulevard to the north, Terry A. Francois Boulevard and Piers 48 and 50 to the east, Block P20 and Mission Rock Street to the south, and Third Street to the west. Pier 48 is bounded by the San Francisco Bay to the north, east, and south and Terry A. Francois Boulevard to the west. China Basin Park is bounded by China Basin to the north, the San Francisco Bay to the east, Terry A. Francois Boulevard to the south, and Third Street to the west.

## 1.3 Project Description

The proposed project consists of the following two components: 1) the construction of a new mixed-use, multi-phase development on Seawall Lot 337, which is owned by Port of San Francisco (Port) and currently used as a surface parking lot primarily by patrons of AT&T Park; and 2) the rehabilitation of Pier 48, a historic pier. Both components are located at the northeast corner of the Mission Bay neighborhood just south of China Basin. The project site, in total, encompasses approximately 28 acres.

This document analyzes two different operational land use assumptions at Seawall Lot 337 to capture the full range of possible land uses that could be developed on the project site. The two land use assumptions for Seawall Lot 337 have been identified as High Commercial (Assumption A) and High Residential (Assumption B). These land use assumptions differ in total commercial square footage and number of residential units. The construction activity and schedule does not differ between the two land use assumptions, so the construction analysis in this report represents both assumptions. Operational activity differs between the land use assumptions, so both assumptions were modeled and results for each are presented in Chapter 4, *Results of Analysis*.

At project completion, development on Seawall Lot 337 would include a mix of commercial (office and research and development), retail/entertainment/ancillary, and residential uses (approximately 1,000 to 1,600 dwelling units) consisting of both market-rate and affordable housing. The only difference between Assumptions A and B is the amount of residential and commercial development. Assumption A would include slightly less residential development (about 1.0 million gsf) and more commercial/retail area (about 1.6 million gsf). Assumption B would include more residential development (about 1.6 million gsf) and less commercial/retail area (about 1.2 million gsf). Both land use assumptions would include approximately 3,100 parking spaces within Seawall Lot 337 (i.e., 2,300 spaces in an 850,000 gsf above-ground parking structure, 700 spaces in an underground parking garage under the proposed Mission Rock Square, and up to 100 spaces below grade, at grade, or above grade within the proposed buildings). Refer to Table 1 for a detailed breakdown of building square footages by land use type for Assumptions A and B.

Heights of the proposed structures on Seawall Lot 337 would range from approximately 90 to 240 feet. Zoning controls for three parcels would allow either commercial or residential uses with lower-floor active/retail/production uses. The rehabilitation and reuse of Pier 48 would result in approximately 288,500 gsf of restaurant, retail, exhibition, and light industrial space, continued public access and maritime uses, and interim market/exhibit/event parking space. The proposed project would also include approximately 8 acres of public open space areas (such as the proposed Mission Rock Square and an expanded China Basin Park), an internal grid of public streets (consisting of a mix of vehicular and pedestrian-only streets), and a bicycle and pedestrian network.

It is currently anticipated that the proposed project would be constructed in four phases, the first of which would begin in approximately 2017. Each phase would occur over approximately three years, with some overlap among phases. The proposed project is expected to be completed in 2023.

Construction of the proposed project would generate emissions of reactive organic gases (ROG), nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), PM<sub>10</sub>, and PM<sub>2.5</sub> that would result in short-term impacts on ambient air quality. These emissions would be generated through the operation of heavy-duty off-road construction equipment, on-water equipment (e.g., barges), on-road vehicles, jet grouting, asphalt paving, and architectural coatings. The project would involve excavation of material during the Foundations + Building phase of construction, including for the underground parking structure. Additional information on construction activities is presented in the section below and in Chapter 3, *Methods for Analysis*.

Operation of the proposed project would generate emissions of ROG, NO<sub>x</sub>, CO, PM<sub>10</sub>, and PM<sub>2.5</sub> that would result in long-term impacts on ambient air quality in the study area. Emissions would be generated by on-road vehicles (including resident vehicles and commercial trucks), area sources (including landscaping equipment, consumer products, and natural gas fireplaces/hearths), and stationary sources (including 10 emergency generators, two in each of the four areas on building rooftops plus two on Pier 48). Operation of the Pier 48 industrial use, specifically analyzed as a proposed brewery use, would generate emissions from brewing activities as well as material delivery and product export. Materials would be moved using on-road haul trucks. Additional information on operational activities is presented in Chapter 3, *Methods for Analysis*.

For both construction and operation, two versions of the proposed project were modeled: 1) uncontrolled and; 2) controlled. The controlled version includes measures to reduce project impacts, which are described in Appendix A, *Modeling Details*.

## 1.4 Project Construction and Phasing

The project site has been divided into four areas, each consisting of two to three development blocks and associated areas for streets and open spaces. Construction of each area would occur over four phases: 1) asphalt demolition and rough grading, 2) infrastructure, 3) foundations and building, and 4) paving and landscaping. Table 2 summarizes the currently anticipated project phasing by area, and Table 3 summarizes the detailed construction schedule by phase. Figure 1 graphically displays the analysis areas. As shown in Tables 2 and 3, some overlap in construction activities is anticipated. Specifically, construction of Area 1 would occur from 2017 to 2020, Area 2 from 2018 to 2021, Area 3 from 2019 to 2022, and Area 4 from 2020 to 2023. On average, each area would be constructed over about 3 years. The phasing of Project implementation would be subject to change due to market conditions and other unanticipated factors. The current phasing plan anticipates the project would generally be developed from west to east. Although the phasing could shift, buildout would not occur from east to west.

## 1.5 Objective and Methodology

The AQTR evaluates criteria air pollutant emissions and associated health risks from construction and operation of the proposed project. The analysis approach for the AQTR is consistent with City and County of San Francisco Planning Department, Environmental Planning Division, requirements,

utilizing technical information from the Environmental Planning Division, the Bay Area Air Quality Management District (BAAQMD), California Air Pollution Control Officer's Association (CAPCOA), California Air Resources Board (ARB), Office of Environmental Health Hazard Assessment (OEHHA), and the U.S. Environmental Protection Agency (USEPA). The health risk assessment (HRA) contained in the AQTR evaluates cumulative lifetime cancer risks and PM<sub>2.5</sub> concentrations associated with project-related construction and operational emissions in addition to other sources found within the construction and operational zones of influence surrounding the receptors/project site.

Consistent with Environmental Planning Division and BAAQMD's CEQA requirements, this AQTR evaluates:

1. Criteria air pollutant mass emissions associated with proposed project construction and operation.
2. Cancer risk and PM<sub>2.5</sub> impacts on new onsite sensitive receptors and existing sensitive receptors located within 1,000 feet due to proposed project construction in combination with existing sources.
3. Cancer risk and PM<sub>2.5</sub> impacts on new onsite sensitive receptors and existing sensitive receptors located within 1 kilometer due to proposed project operations<sup>2</sup> in combination with cumulative sources.

The results of the AQTR are provided in Chapter 4, *Results of Analysis*.

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<sup>2</sup> Because operational emissions under Assumption B would be higher than under Assumption A, the AQTR analyzes operational cancer risk and PM<sub>2.5</sub> impacts under Assumption B to ensure an assessment of worst-case potential health risks.

## Background Information on Sensitive Receptors

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### 2.1 Sensitive Receptors

Some population groups, such as children, the elderly, and acutely and chronically ill persons, especially those with cardio-respiratory diseases, are considered more sensitive to air pollution than others. Sensitive receptors in the vicinity of the proposed project include both existing and new receptors. The proposed project would also create new residential sensitive receptors, which would be exposed to later phases of construction activities and to operational activities.

The following sensitive receptors were considered (the approximate linear distance, in feet, from the project site boundary to the receptor is listed in parenthesis, as identified using Google Earth).

#### Existing Sensitive Receptors

- Residences (250 feet to the west) – Mission Bay Block Nos. 2, 3W, 4W, 5, 11, 12E/W.
- Residential apartments and condominiums (650 feet to the west) – Mission Bay Block Nos. N3A-1, N3A-2, N3A-3, N4A-1, N4A-2, N4A-3.
- Residences (400 feet to the south) – Mission Bay Block Nos. 10, 10A.
- Residential (500 feet to the southwest) – Mission Bay Block No. 7W.
- Modern Family Education Childcare (600 feet to the west) – Mission Bay Block No. 13E.
- The University of California San Francisco (UCSF) Cardiovascular Research Institute (900 feet to the south) – Mission Bay Block Nos. 17AB, 17C.
- The UCSF Sports Medicine Center (2,300 feet to the southwest) – Mission Bay Block Nos. 41/43.
- University Childcare at Mission Bay (1,900 feet to the southwest) – Mission Bay Block No. 18A.
- KidAdmit daycare (1,900 feet to the northwest) – 350 Townsend Street, #323.
- Residences and on-site daycare (400 feet to the northwest) – Mission Bay Block No. N2-2.
- Family House (450 feet to the southwest) – Mission Bay Block No. 7E.
- UCSF hospital (2,300 feet to the south) – Mission Bay Block Nos. 36, 37, 38, 39, X3.
- Mercy Housing/Residential condos (600 feet and 880 feet west) – Mission Bay Block Nos. 13E/W
- Mixed-use (commercial/residential) (1,000 feet to the north and northwest)
- Bessie Carmichael Elementary School (3,200 feet to the northwest)
- Fei Tian Academy of the Arts California (4,200 feet to the southwest)
- Live Oak School (4,500 feet to the southwest)
- Webster Daniel Elementary School (4,900 feet to the southwest)
- Jefferson OST Program & International Studies Academy (5,000 feet to the southwest)
- Floating homes (1,500 feet to the west)

### **Future Sensitive Receptors**

- Residences and daycares associated with the proposed project (onsite).
- Residences not associated with the proposed project (100 feet to the south and 100 feet to the west) – Mission Bay Block Nos. 8, 9, 9A, 3E, 4E, 6E/W, 12W.
- San Francisco Unified School District Public School (1,800 feet to the southwest) – Mission Bay Block No. 14
- Daycare facility associated with the Alexandria/Uber Office Development (1,600 feet to the south) – Mission Bay Block Nos. 29, 30, 31, 32

These receptors are identified in Figure 2.



## 3.1 Introduction

Construction of the proposed project is anticipated to occur in four areas. It is assumed that each area would become operational immediately following construction. Concurrent construction and operational activities in the development areas are anticipated prior to completion of construction in 2023. The methods for analysis are described below.

## 3.2 Mass Emissions Methods

This section describes the methods used to estimate mass criteria pollutant emissions for construction and operation of the proposed project.

### 3.2.1 Construction

#### 3.2.1.1 Overview

Mass daily and annual combustion criteria pollutant and off-gassing emissions<sup>3</sup> were estimated using the CalEEMod (version 2013.2.2) emissions model, which is an emissions estimation/evaluation model developed in collaboration with air quality management districts of California. CalEEMod separates the construction process into multiple phases to account for various construction scenarios, including demolition, site preparation, grading, building, architectural coating, and paving phases. From these construction phases, CalEEMod estimates emissions from the following sources:

- Off-road construction equipment.
- On-road mobile equipment associated with workers, vendors, and hauling.
- Fugitive dust (PM10 and PM2.5) associated with grading, demolition, truck loading, and roads.
- ROG emissions from architectural coating (including painting on parking lots) and paving.

For purposes of construction phasing, the project site has been divided into four areas, each with four general construction phases (Demo + Rough Grade, Infrastructure, Foundations + Buildings, and Paving + Landscape). Each area would consist of two to three development blocks and associated area for streets and open spaces. Table 2 summarizes the currently anticipated proposed project phasing by area, and Table 3 summarizes the detailed construction schedule by phase. Because activities during several phases would occur concurrently, it was assumed that all equipment would operate at the same time during overlap periods. Emissions for concurrent activities were added to obtain total average daily emissions. Average annual emissions were calculated based on the number of working

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<sup>3</sup> Off-gassing emissions are ROG emissions from the application of architectural coatings and asphalt paving. For the purposes of this analysis, ROG are synonymous with off-gassing emissions of volatile organic compounds produced from the application of architectural coatings and asphalt paving.

days per year, which was assumed to be 260 (5 days per week, 52 weeks per year). This information was provided by the project sponsor.<sup>4</sup> Note that the construction schedule and phasing are estimated for environmental review purposes because actual phasing may be subject to change due to market conditions and other unanticipated factors. However, the project sponsor has indicated that the construction schedule used in this analysis is a likely and conservative schedule of actual construction activities for purposes of analyzing impacts. The proposed project phasing, as presented in this document, is an estimate that provides the most conservative scenario. The phasing of project implementation would be subject to change due to market conditions and other unanticipated factors and could extend beyond 2023. As shown in Tables 2 and 3, some schedule overlap in construction activities is anticipated between the four areas of the project site.

The total magnitude of construction activity, the duration of construction activity, and the intensity of construction activity would have a substantial effect on the quantity of construction emissions (and related pollutant concentrations) occurring at any one time. Consequently, the emission forecasts provided herein reflect a specific set of conservative assumptions that are based on the expected construction activity (i.e., a relatively large amount of construction activity occurring in a relatively intensive manner with substantial overlap in construction phasing and activities).

Assumptions regarding construction phasing and equipment use were based on information received from the project sponsor and the construction contractor.<sup>5</sup> A complete list of the construction equipment by phase, construction phase duration assumptions, and changes to modeling default values used in this analysis are included in the CalEEMod output sheets, which are provided in Appendix A, *Modeling Details*.

Mobile source (both on-road and off-road) emissions, primarily NO<sub>x</sub>, would result from the use of construction equipment, such as trucks, graders, scrapers, bulldozers, wheeled loaders, and cranes. During the structure erection/finishing phase, paving activities and the application of architectural coatings (e.g., paints) and other building materials would release ROG emissions. Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and prevailing weather conditions.

The assessment of construction air quality impacts considers each emission source discussed below. As noted in Chapter 1, *Introduction*, two land use assumptions—High Commercial (Assumption A) and High Residential (Assumption B)—are evaluated in the AQTR. However, the project sponsor has indicated that construction activity assumptions would not differ between Assumptions A and B. Accordingly, the construction impact assessment is based on a single set of construction assumptions.

### 3.2.1.2 Off-Road Construction Equipment

Typical off-road construction equipment that would be used at the project site would include loaders, backhoes, scrapers, trenchers, cranes, drills, forklifts, concrete trucks, welders, air compressors, high-lift forklifts, pile hammers, rollers, pavers, and berm machines. Table 4 presents the construction equipment used in the analysis.

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<sup>4</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF.

<sup>5</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. September 6, 2016—email communication with ICF.

ROG, NO<sub>x</sub>, and PM exhaust generated by off-road equipment are calculated using CalEEMod (see Appendix A for more detail). Off-road equipment also generates fugitive dust from grading activities. However, fugitive dust was not included in the analysis because the proposed project would comply with the San Francisco Construction Dust Control Ordinance (176-08).<sup>6</sup> The ordinance would reduce the quantity of dust generated during site preparation, demolition, and construction work to protect the health of the general public and onsite workers and minimize public nuisance complaints through measures that include dust suppression activities (e.g., watering), street sweeping, and material stockpile covers. Accordingly, PM10 and PM2.5 dust are not discussed or evaluated further.

### 3.2.1.3 In-Water Equipment

Construction of the foundations and building phase of Area 1 would involve in-water work for the Pier 48 seismic upgrades. In-water equipment includes barge engines and work boats. Because CalEEMod does not have the capability to estimate emissions from these equipment types, emissions were calculated outside of CalEEMod using the following approach.

Barge and work boat emissions were estimated using emission factors and methodologies from ARB's *2012 Emissions Estimation Methodology for Commercial Harbor Craft Operating in California*<sup>7</sup> and the USEPA's *Current Methodologies in Preparing Mobile Source Port-Related Emission Inventories*<sup>8</sup>. Table 5 presents the data provided by the project sponsor for the main barge engine and the work boat.<sup>9</sup> The table also presents engine emission factors used in the analysis. Both the barge engines and the work boat engine were conservatively assumed to have model year 2000 engines. Model year 2000 engines were selected because this would be the oldest and least efficient engine model year, based on the construction start year of 2017, that would be reliably used before an engine retrofit or replacement would be needed (see Appendix A for more detail).

### 3.2.1.4 On-Road Vehicles

#### Vehicle Travel (Mobile Sources)

In addition to off-road equipment, construction would require on-road vehicles for employee commute trips, vendor trips, materials import and export, and onsite movement. Emissions from on-road vehicle trips were estimated using CalEEMod, EMFAC2014 and activity data provided by the project sponsor.<sup>10</sup> Table 6 presents the data provided by the project sponsor for haul truck/vendor truck trips and worker trips, including all truck trips associated with soil import and export.<sup>11</sup>

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- <sup>6</sup> City and County of San Francisco. 2008. Construction Dust Control. Ordinance 176-08. Available: <<http://sfbos.org/ftp/uploadedfiles/bdsupvrs/ordinances08/o0176-08.pdf>>.
- <sup>7</sup> California Air Resources Board. 2012. *Appendix B: Emissions Estimation Methodology for Commercial Harbor Craft Operating in California*. Available: <<http://www.arb.ca.gov/msei/chc-appendix-b-emission-estimates-ver02-27-2012.pdf>>.
- <sup>8</sup> United States Environmental Protection Agency. 2009a. *Current Methodologies in Preparing Mobile Source Port-Related Emission Inventories*. April. Available: <<http://archive.epa.gov/sectors/web/pdf/ports-emission-inv-april09.pdf>>. Accessed: January 19, 2016.
- <sup>9</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF.
- <sup>10</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF.
- <sup>11</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015, and September 2, 2016—email communication with ICF.

Criteria pollutants generated by employee commute trips were calculated using CalEEMod (see Appendix A for more detail). The analysis assumes a distance of 20.4 miles per one-way employee trip. Criteria pollutants generated by vendor trips and by material import and export trips were estimated using emission factors from EMFAC2014. The average one-way trip length for haul trucks is 20.6 miles, which is based on anticipated subcontractor delivery locations. Specifically, it was assumed that 15 percent of deliveries would originate from Brisbane and South San Francisco, 50 percent from the South Bay, 7.5 percent from the North Bay, 10 percent from the East Bay, and 2.5 percent from Southern California or the Pacific Northwest.<sup>12</sup>

Emissions were also estimated for onsite vehicle travel, which represents trucks traveling at low speeds at the construction site. According to the project sponsor, haul trucks and cement trucks would be queuing onsite while in the midst of their route cycle working with crews there to dump and spread dirt.<sup>13</sup> It was assumed that each haul truck (dump trucks and concrete trucks) would be traveling from the paved roads surrounding the site across unpaved roads to the fill locations where they would unload. Each truck would travel 0.25 mile onsite to accomplish this. Water trucks would be making passes across the construction site six to eight times per day, representing about 1 mile of daily travel for each truck.<sup>14</sup> Pickup trucks would also be traveling onsite to support construction activities. It was assumed that pickup trucks would be traveling 5 miles per hour (mph) for 4 hours per day (50 percent of the construction day), or 20 miles per day per truck. The daily hours of operation and number of truck trips are presented in Tables 4 and 6, respectively. Emissions for these trucks were estimated based on emission rates derived from the EMFAC2014 web database.<sup>15</sup>

### Vehicle Idling (Stationary Sources)

Construction trucks would also produce emissions while idling at the project site (e.g., while unloading soil and construction materials). Idling emissions were estimated outside of CalEEMod because the model does not allow for project-specific idling inputs, which were required to generate idling emissions. It was assumed that each truck would idle for 5 minutes while unloading soil or material on the project site, pursuant to regulations set forth in California Airborne Toxics Control Measure (ATCM) Title 13, Section 2485 of California Code of Regulations. The assumed location of the idling is in the center of the construction area (representing the average location of soil/material unloading).

Emissions for truck idling are based on the EMFAC2011 model for exhaust emissions from heavy heavy-duty trucks for the San Francisco Bay Area Air Basin.<sup>16</sup>

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<sup>12</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. September 2, 2016—email communication with ICF.

<sup>13</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. September 17, 2015—email communication with ICF.

<sup>14</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. September 17, 2015—email communication with ICF.

<sup>15</sup> California Air Resources Board. 2015. EMFAC2015 Web Database. Available: <<http://www.arb.ca.gov/emfac/2014/>>. Accessed: February 5, 2016.

<sup>16</sup> California Air Resources Board. 2013. *EMFAC2011 Emissions and Emission Rates*. Available: <[http://www.arb.ca.gov/msei/emfac2011\\_idling\\_emission\\_rates.xlsx](http://www.arb.ca.gov/msei/emfac2011_idling_emission_rates.xlsx)>. Accessed: August 27, 2015.

### 3.2.1.5 Jet Grouting

Construction of Area 1 would involve the process of jet grouting. Jet grouting would be performed as a ground improvement measure at the shoreline area adjacent to Pier 48. Jet grouting uses a high kinetic energy jet of fluid to break up and loosen the ground, and mix it with a thin slurry. It is a hydrodynamic mix-in-place technique producing a soil-cement material. The operation involves a mixing process of water and cement which is then pumped to a jet grout rig and into the ground.

Jet grouting displaces soil, and haul trucks would be required to remove this displaced soil from the site. These truck trips are included in Table 6 and criteria pollutant emissions from trucks are calculated with EMFAC2014. The tonnage of cement material needed for jet grouting is based on a conservative assumption regarding the proportion of materials in the jet grout slurry compared with the volume of slurry required to achieve the displacement. For the proposed project, it is estimated that approximately 13,000 cubic yards (CY) of soil would be displaced, which would require approximately 5,200 total tons of cement, or about 3,850 CY of cement.<sup>17</sup> Based on the schedule for the Area 1 Demo + Rough Grade phase (60 work days; see Table 3), this is equivalent to approximately 87 tons or 64 CY of cement processed per day on average.

The cement would be prepared for the jet grouting process onsite. According to the project sponsor, the cement would be stored in a silo at the construction site.<sup>18</sup> The cement would be pumped into an agitank where it would be proportionally mixed with water. The resulting grout mix of cement and water would then be pumped through the pump station to the jet grout rig, where the actual jet grouting would occur. The jet grouting operation described here is currently conceptual in nature and in the early stages of design, but is described based on conservative worst-case assumptions.<sup>19</sup> Refer to Table 7 for a complete summary of emission-generating activities associated with jet grouting that were included in the analysis.

### 3.2.1.6 Asphalt Paving

Asphalt paving results in fugitive ROG off-gassing emissions, which were calculated assuming 2.62 pounds of ROG would be generated per acre paved.<sup>20</sup> Total area paved with asphalt during the Paving + Landscape construction phase for each area was provided by the project sponsor and is as follows:<sup>21</sup>

- Area 1: 37,500 square feet.
- Area 2: 57,500 square feet.
- Area 3: 12,000 square feet.
- Area 4: 18,000 square feet.

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<sup>17</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. August 5, 2015—email communication with ICF.

<sup>18</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF,

<sup>19</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. August 5, 2015—email communication with ICF.

<sup>20</sup> ENVIRON International Corporation and the California Air Districts. 2013. CalEEMod User's Guide. Version 2013.2. Appendix A: Calculation Details for CalEEMod. Prepared for the California Air Pollution Control Officers Association. July. Available: <<http://www.aqmd.gov/docs/default-source/caleemod/caleemod-appendixa.pdf?sfvrsn=2>>. Accessed: October 12, 2015.

<sup>21</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF,

The proposed project would include two parking structures, one above ground (Block D2) and one below ground (Mission Rock Square). The floor decks of the two structures would be constructed of cast-in-place concrete; they would not require any asphalt paving. The square footages presented above are for paved asphalt roads and represent the amount of asphalt anticipated to be present onsite after development of the proposed project.<sup>22</sup>

### **3.2.1.7 Architectural Coatings**

The Foundations + Buildings phases of construction would involve the application of coatings to both the interior and exterior of buildings or structures. ROG off-gassing emissions result from evaporation of solvents contained in surface coatings such as in paints and primers. CalEEMod calculates the ROG evaporative emissions from application of residential and nonresidential surface coatings (see Appendix A for more information).

To estimate ROG emissions from architectural coatings, the interior and exterior surface area coated for each construction area was estimated and input into CalEEMod. Table 8 presents the coated areas entered into CalEEMod.

### **3.2.1.8 Controlled Emissions: Quantifying Measures to Reduce Project Impacts**

The effect of measures to reduce project construction emissions was also modeled in CalEEMod as the controlled version of the project. These measures include engine and volatile organic compound (VOC) emission controls. Please refer to Appendix A for more information.

## **3.2.2 Operations**

### **3.2.2.1 Overview**

Mass daily and annual mobile and area source emissions were estimated using the CalEEMod (version 2013.2.2) emissions model. CalEEMod quantifies emissions from operational activities based on the project land use types and user-defined inputs for project location, operational year, and climate zone. Table 10 presents the land use types modeled in CalEEMod and Table 1 summarizes the number of constructed dwelling units and building square footages by land use type.

As discussed above, the AQTR evaluates two land use assumptions for the project—High Commercial Assumption (Assumption A) and High Residential Assumption (Assumption B). The operational characteristic assumptions of Areas 1 through 3 are identical for Assumptions A and B. Accordingly, Assumptions A and B only differ in terms of operational emissions generated by the development blocks in Area 4.

Construction of Area 1 would occur from 2017 to 2020 (see Tables 2 and 3). It was conservatively assumed that structures would be fully occupied immediately following construction and that operational emissions associated with Area 1 would begin in 2020. Accordingly, concurrent construction and operational activities would occur from 2021 through 2023, resulting in higher daily emissions than would result from either component when analyzed separately. Therefore, emissions for overlapping construction and operational activities were combined for the analysis of potential air quality impacts.

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<sup>22</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. August 5, 2015—email communication with ICF.

The assessment of operational air quality impacts considers each of the emission sources discussed below.

### 3.2.2.2 Mobile Sources

Operation of the proposed project would generate emissions from on-road motor vehicle activity associated with the new land uses, including trips from the following sources:

1. Residents and visitors to residential land uses.
2. Employees, visitors, and deliveries to nonresidential (e.g., commercial, active/retail/production) land uses.
3. Deliveries to the Pier 48 industrial use.

Operational mobile source emissions were estimated using traffic data (e.g., trip generation rates, pass-by tips) for both internal and external trip generation data. CalEEMod was used to calculate emissions from light-duty passenger automobile trips, whereas emission factors from EMFAC2014 were used to calculate emission from heavy-duty truck trips. Additional information on the mobile source analysis for each trip type is provided below.

#### Residents, Visitors, and Deliveries to Residential and Nonresidential Land Uses

Daily automobile trip rates for each land use type were provided in the *Mission Rock (Seawall Lot 337/Pier 48) Project – Estimation of Project Travel Demand (Case No. 2013.0208)* (travel demand memo) prepared by the transportation consultants, Adavant Consulting and Fehr & Peers, in July 2015.<sup>23</sup> Proposed project vehicle trip generation figures presented in Table 13 of the travel demand memo were used in the emissions modeling. Daily delivery/service vehicle trip rates for each land use type were provided in the *Screencheck Draft Transportation Impact Study (TIS)* prepared by the transportation consultants, Fehr & Peers, in July 2016. **[update with final report once prepared]** Truck trip generation rates presented in Table 19 of the TIS were used in the emissions modeling.

Total daily automobile and truck trips were divided by the total number of units (for residential), square feet (for nonresidential), and acres (for parks) as presented in the travel demand memo to determine daily vehicle trip rates for the emissions modeling. Daily automobile trip lengths (miles) were provided by Fehr & Peers for each land use type.<sup>24</sup> According to Fehr & Peers, a vendor vehicle trip length of 12.1 miles per trip was used for all daily delivery trips.<sup>25</sup> It was assumed that the trip rates represent the average day (including weekdays and weekends); therefore, total trips were multiplied by 365 to determine annual trips. Tables 11 and 12 present the daily trip rates and lengths (miles), respectively, that were included in the modeling. Table 13 presents the resulting daily trips.

It should be noted that, due to rounding in the preparation of the construction and operational assumptions prepared by the project sponsor team, square footage values from the TIS differ slightly from the square footage values presented in Table 1 for office, retail, and restaurants. As a result, total daily nonresidential trips modeled in CalEEMod are approximately 2 percent lower than

<sup>23</sup> Fehr & Peers. 2015. *Mission Rock (Seawall Lot 337/Pier 48) Project – Estimation of Project Travel Demand (Case No. 2013.0208!)*. July 17. San Francisco, CA.

<sup>24</sup> Cohn, Jesse. Fehr & Peers. September 8, 2016—email communication with ICF.

<sup>25</sup> Note that this value is 40 percent greater than the default CalEEMod vendor trip length for San Francisco of 7.3 miles and therefore represents a conservative assessment of vendor trip emissions.

those presented in the TIS. However, the nonresidential trip calculation method in the AQTR is identical to the calculation method in the TIS (daily trip rate \* square footage/units), so the only difference in daily trips arises from the slight differences in nonresidential square footage. The square footage values used in the air quality analysis (Table 1) are representative of the current land use values for the proposed project, which were provided by the project sponsor.<sup>26</sup>

### Deliveries to the Pier 48 Brewery

Malted barley would be delivered to the Pier 48 brewery using heavy-duty trucks. The project sponsor anticipates approximately 38 heavy-duty truck trips per day (13,870 per year).

Truck trip emissions were calculated using emission factors from EMFAC2014. The “heavy heavy-duty truck” type was assumed to reflect the type of vehicle projected to be used for deliveries to the brewery.

#### 3.2.2.3 Area/Energy Sources

Operation of the proposed project would generate emissions from area sources, including landscaping equipment, consumer products, and natural gas fireplaces/hearths. Emissions would also be generated by natural gas combustion in stoves and water heaters, which is considered an “energy source.” Area and energy source emissions were estimated using CalEEMod and the land use type and size information provided by the project sponsor (see Tables 1 and 9).<sup>27</sup> A daily emission factor of  $1.5 \times 10^{-5}$  pounds of ROG per square foot per day for consumer products was assumed in the emissions modeling.<sup>28</sup> All woodstoves and wood-burning fireplaces were also removed from the CalEEMod modeling pursuant to BAAQMD regulations.<sup>29</sup> Default CalEEMod values for all other assumptions were used.

#### 3.2.2.4 Stationary/Point Sources

Operation of the proposed project would require use of equipment that is considered stationary as well as point sources, consisting of 10 emergency generators at 2,000 horsepower each (which would also power fire pumps) and idling delivery vehicles associated with commercial and retail land uses. Emergency generator emissions were estimated based on a maximum annual operation schedule of 50 hours, consistent with emergency standby engine testing limits established in BAAQMD Regulation 9-8-330.3, and emission factors based on emission limits established for new stationary emergency standby diesel-fueled internal combustion engines in ARB’s *Airborne Toxic Control Measure for Stationary Compression Ignition Engines* final regulation for model year 2008 and newer engines (see Appendix A for details).<sup>30</sup> Table 14 presents assumptions for the emergency generators.

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<sup>26</sup> Hall, Kristen. Urban Designer III, Associate. Perkins+Will. December 2, 2015—email communication with ICF.

<sup>27</sup> Hall, Kristen. Urban Designer III, Associate. Perkins+Will. December 2, 2015—email communication with ICF.

<sup>28</sup> Kirk, Allison. Bay Area Air Quality Management District. March 29, 2014—email communication with the San Francisco Environmental Planning Department.

<sup>29</sup> Bay Area Air Quality Management District. 2015a. *Regulation 6 Particulate Matter and Visible Emissions Rule 3, Wood-Burning Devices*. Available: <http://www.baaqmd.gov/~media/files/planning-and-research/rules-and-regs/reg-06/rg0603.pdf?la=en>.

<sup>30</sup> California Air Resources Board. 2011. *Airborne Toxic Control Measure for Stationary Compression Ignition Engines*. Final Regulation Order, Section 93115. Table 1. Available: <https://www.arb.ca.gov/diesel/documents/FinalReg2011.pdf>. Accessed: October 11, 2016.



Idling emissions associated with delivery vehicles at loading docks were estimated based on the anticipated number of delivery trips at each land use, as provided by the project sponsor,<sup>31</sup> and idling emission factors for heavy-duty vehicles from ARB's EMFAC2011 emission rate program. It is assumed that idling activities would total 5 minutes per trip, consistent with the ARB's ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling. In addition, it is assumed that 20 percent of dwelling units would have gas-fired fireplaces, and 100 percent would have gas stoves. The gas-fired fireplaces and gas stoves were modeled in CalEEMod.

The proposed project would also have fire pumps for each building; it is assumed that these pumps would be powered by diesel engines in the case of emergencies when grid electricity is not available. The fire pumps would be powered by the emergency generators described above and no additional diesel engines would be needed for emergency operation.<sup>32</sup>

### 3.2.2.5 Brewery Operations

The production of beer can emit VOC. Potential VOC emission sources include mash tuns, cereal cookers, lauter tuns or strainmasters, brew kettles, hot wort settling tanks, yeast storage and propagation, fermenters, spent grain holding tanks, activated charcoal regeneration systems (at breweries with carbon dioxide recovery), aging tanks (sometimes referred to as "ruh" storage tanks), other storage tanks, and packaging operations.<sup>33</sup> The project sponsor provided information on the new production capacity of the Pier 48 brewery and the types of brewing activities that would take place.<sup>34</sup> Table 15 presents this information along with the emission factors used to calculate VOC emissions from the brewery.

### 3.2.2.6 Controlled Emissions: Quantifying Measures to Reduce Project Impacts

The effect of measures to reduce project operational emissions was also modeled in CalEEMod as the controlled version of the project. These measures include stationary-source engine controls and VOC emission limits for architectural coating (see Appendix A, *Modeling Details*).

## 3.3 Health Risk Assessment Methods

ICF evaluated health risks and PM<sub>2.5</sub> concentrations associated with construction and operation of the proposed project. The analysis evaluates impacts of exposure on two groups of receptors.

- New onsite sensitive receptors to project-related construction and operational emissions and ambient pollutant concentrations.
- Existing sensitive receptors located in the vicinity of the proposed project to project-related construction emissions, existing ambient pollutant concentrations, and project-related operational emissions.

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<sup>31</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF.

<sup>32</sup> Knorpp, John. San Francisco Giants. March 8, 2016—email communication with ICF

<sup>33</sup> United States Environmental Protection Agency. 1996. *Emissions Factors & AP 42, Compilation of Air Pollutant Emission Factors*. 9.12.1 Malt Beverages. Available: <<https://www3.epa.gov/ttnchie1/ap42/>>. Accessed: February 29, 2016.

<sup>34</sup> Knorpp, Jon. San Francisco Giants. June 1, 2016—email communication with ICF.

Pursuant to guidance from the Environmental Planning Division, this HRA assesses health risk impacts using OEHHA 2015 Guidance: *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Risk Assessments*.<sup>35</sup> This guidance incorporates the latest science and recommendations from OEHHA.

The City and County of San Francisco, in conjunction with BAAQMD, has completed a city-wide HRA to evaluate cumulative cancer risks and PM<sub>2.5</sub> concentrations from existing stationary and mobile sources as part of the development of a Community Risk Reduction Plan (CRRP).<sup>36</sup> To evaluate cumulative health risks for receptors within 1,000 feet of the project site, predicted health risk and PM<sub>2.5</sub> concentrations from construction and operational activities associated with the proposed project were added to values from the City's CRRP GIS 20-meter grid system database. This allows total cancer risk and total PM<sub>2.5</sub> concentrations to be determined for each receptor by summing all of the sources (i.e. existing, plus ambient (PM<sub>2.5</sub>), plus project construction, plus project operation). The CRRP cancer risk values have been adjusted to reflect the latest 2015 OEHHA guidance and the BAAQMD recommendations for cancer risk using a scaling factor of 1.3744.<sup>37</sup>

### 3.3.1 Pollutant Selection

The HRA evaluates health risks associated with the proposed project based on exposure of sensitive receptors to toxic air contaminant (TAC) emissions,<sup>38</sup> including DPM and PM<sub>2.5</sub>. DPM is a complex mixture of gases and fine particles that includes more than 40 substances that are listed by USEPA as hazardous air pollutants and by ARB as toxic air contaminants.<sup>39</sup> However, the DPM analysis uses PM<sub>10</sub> emissions as a surrogate for DPM emissions. OEHHA guidance indicates that while the cancer potency factor to be used to evaluate cancer risks were developed based on whole (gas and particulate matter) diesel exhaust, that the surrogate for whole diesel exhaust is DPM, with PM<sub>10</sub> serving as the basis for the potential risk calculations.<sup>40</sup> In addition to evaluating the effects of TAC concentrations, the HRA also evaluates PM<sub>2.5</sub> concentrations. This evaluation is consistent with BAAQMD's May 2011 CEQA Guidelines, *California Environmental Quality Act Air Quality Guidelines*,

<sup>35</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

<sup>36</sup> Bay Area Air Quality Management District. 2012b. *The San Francisco Community Risk Reduction Plan: Technical Support Documentation*. December. Available: <[http://www.gsweventcenter.com/Draft\\_SEIR\\_References%5C2012\\_12\\_BAAQMD\\_SF\\_CRRP\\_Methods\\_and\\_Findings\\_v9.pdf](http://www.gsweventcenter.com/Draft_SEIR_References%5C2012_12_BAAQMD_SF_CRRP_Methods_and_Findings_v9.pdf)>. Accessed: August 27, 2015.

<sup>37</sup> Range, Jessica. City and County of San Francisco, Environmental Planning Department. May 10 2016—email communication with San Francisco Environment Planning Department. 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, which was used in developing the CRRP.

<sup>38</sup> Toxic air contaminants evaluated in this analysis include 1,3-butadiene, acetaldehyde, benzene, ethylbenzene, formaldehyde, and naphthalene.

<sup>39</sup> Office of Environmental Health Hazard Assessment. 1998. Findings of the Scientific Review Panel on The Report on Diesel Exhaust, as adopted at the Panel's April 22, 1998, meeting. Available: <<http://www.arb.ca.gov/toxics/dieseltac/de-fnds.htm>>. Accessed February 2013.

<sup>40</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

which indicate that PM<sub>2.5</sub> should 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.<sup>41</sup>

### 3.3.2 Modeled Project Sources and Background Traffic

The USEPA's AERMOD (version 15181) steady-state Gaussian dispersion model was used to evaluate DPM and PM<sub>2.5</sub> concentrations at onsite and offsite receptor locations that would result from construction and operational activities associated with the proposed project.

#### 3.3.2.1 DPM and PM<sub>2.5</sub> Inventory

DPM and PM<sub>2.5</sub> exhaust emissions from construction were assessed and quantified using standard and accepted software tools, techniques, and emission factors. Construction of the proposed project would generate emissions of DPM and PM<sub>2.5</sub> exhaust that would result in potential long-term health risks in the study area. Emissions would originate from mobile and stationary construction equipment exhaust. It is assumed that construction would occur for 6 years, from 2017 to 2023.

Construction-related DPM and PM<sub>2.5</sub> exhaust emissions from heavy-duty equipment and on-road vehicles were estimated using CalEEMod, as discussed in Section 3.2, Mass Emissions. With respect to construction activities, all PM<sub>10</sub> exhaust from off-road equipment during construction was assumed to be DPM, consistent with OEHHA and City guidance.<sup>42,43</sup>

#### 3.3.2.2 TAC Inventory for Cumulative Analysis

The proposed project would result in additional traffic on roadways and introduce new DPM emissions at the project site. The operational HRA includes an analysis of both project-level and cumulative TAC impacts as well as the impact of new emissions and the siting of new receptors.

Exposure to operations-related TAC was assessed by predicting the health risks in terms of excess cancer, noncancer hazard impacts, and elevated PM<sub>2.5</sub> exhaust concentrations at onsite and offsite receptor locations. Consistent with BAAQMD guidance, cumulative health risks were determined by considering the combined effect of existing sources from the CRRP, project emissions, and reasonably foreseeable future other emissions (such as nonproject cumulative traffic). The CRRP includes the following major sources of emissions:

- On-road mobile sources—cars and trucks—on freeways and surface streets with traffic volumes of more than 1,000 vehicles per day.
- Permitted, stationary sources, including gasoline dispensing stations, prime and standby diesel generators, wastewater treatment plants, recycling facilities, dry cleaners, large boilers, and other industrial facilities.

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<sup>41</sup> Bay Area Air Quality Management District. 2011. *California Environmental Quality Act Air Quality Guidelines*. Updated May 2011.

<sup>42</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

<sup>43</sup> Bay Area Air Quality Management District. 2012b. *The San Francisco Community Risk Reduction Plan: Technical Support Documentation*. December. Available: <[http://www.gsweventcenter.com/Draft\\_SEIR\\_References%5C2012\\_12\\_BAAQMD\\_SF\\_CRRP\\_Methods\\_and\\_Findings\\_v9.pdf](http://www.gsweventcenter.com/Draft_SEIR_References%5C2012_12_BAAQMD_SF_CRRP_Methods_and_Findings_v9.pdf)>. Accessed: August 27, 2015

- Caltrain passenger diesel locomotives.
- Ships and harbor craft, including cruise ships, excursion boats, and tug boats.
- The Transbay Terminal bus depot, including diesel emissions from local transit buses.

See *Operation* subsection in Section 3.3.2.6, *Emission Sources and Emission Rates*, for additional discussion.

### 3.3.2.3 Air Dispersion Modeling

The HRA used USEPA's AERMOD model (version 15181), to model annual DPM and PM<sub>2.5</sub> exhaust concentrations at nearby receptors.

The emissions sources are grouped separately within AERMOD. Each source group was modeled with a unitized emission rate of 1 gram/second (g/s). For example, seven emergency generators were modeled as one source group, with an emissions rate of 1 g/s; each individual generator modeled had an emissions rate of 0.1429 g/s (1÷7). Although the project may have a total of 10 generators (two in each of the four project areas and two on Pier 48), the seven generators modeled in AERMOD are all at residential/commercial buildings in Areas 1 through 4 and therefore closer to sensitive receptors than the potential generators on Pier 48. In addition, because the AERMOD modeling for generators includes an emissions rate of 1÷7 g/s and the resulting concentrations are scaled to represent full emissions from all 10 possible generators, the modeled concentrations from generators approximate the scenario where all 10 generators would be placed in the four project areas near sensitive receptors. Therefore, this approach is more conservative than modeling 10 generators, two of which would be located farther from sensitive receptors on Pier 48.

The resulting pollutant concentration at each receptor was then multiplied by the actual emission rate of each source group (which was estimated for off-road construction equipment and on-road haul trucks), and the final resulting pollutant concentrations from all the source groups were combined. This approach is called the "Summation Concept," in which the concentration and deposition fluxes at each receptor are the linear addition of the resulting values from each source group.

Additional modeling inputs, including source characteristics (e.g., release height, initial dispersion) were based on published guidance from OEHHA<sup>44</sup> and BAAQMD.<sup>45,46</sup> Construction emission activities were treated as individual elevated area sources equal to the area of each phase of construction.

Table 16 presents the general inputs used in the AERMOD model.

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<sup>44</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

<sup>45</sup> Bay Area Air Quality Management District. 2012a. Recommended Methods for Screening and Modeling Local Risks and Hazards. May. Available: <<http://www.baaqmd.gov/~media/Files/Planning%20and%20Research/CEQA/Risk%20Modeling%20Approach%20May%202012.ashx?la=en>>. Accessed: August 11, 2015.

<sup>46</sup> Bay Area Air Quality Management District. 2012b. *The San Francisco Community Risk Reduction Plan: Technical Support Documentation*. December. Available: <[http://www.gsweventcenter.com/Draft\\_SEIR\\_References%5C2012\\_12\\_BAAQMD\\_SF\\_CRRP\\_Methods\\_and\\_Findings\\_v9.pdf](http://www.gsweventcenter.com/Draft_SEIR_References%5C2012_12_BAAQMD_SF_CRRP_Methods_and_Findings_v9.pdf)>. Accessed: August 27, 2015

The modeling incorporated the CRRP 20-meter grid into the receptor file and used the Google Earth image to overlay the sources/buildings associated with the project. The modeling excludes receptors from the CRRP that were not pertinent (e.g., those in the Bay, those in the street). Figure 3 presents construction emission sources and receptors as modeled in AERMOD. Figure 4 presents operational emission sources and receptors as modeled in AERMOD.

### 3.3.2.4 Meteorological Data

Meteorological data from the nearest meteorological air monitoring site were used. The nearest air monitoring site is the Mission Bay monitoring site (Site ID# 5803). The most recently available dataset (2008–2012) was obtained from the BAAQMD for the Mission Bay site.<sup>47</sup> Additional meteorological data used in the modeling but not available from the Mission Bay site were upper air data for Oakland<sup>48</sup> provided by BAAQMD and hourly observations obtained from NOAA<sup>49</sup> for the San Jose station. These monitoring stations were used because they are the two nearest stations with the data required for the dispersion modeling.

### 3.3.2.5 Modeling Terrain

Terrain and elevation data was imported from the United States Geological Survey's National Elevation Dataset.<sup>50</sup> Based on the land use characteristics in the proposed project vicinity, urban dispersion coefficients were used in AERMOD.

### 3.3.2.6 Emission Sources and Emission Rates

Emission rates from the various emission sources (e.g., roadways, construction activities, generators) were based on the mass emissions estimate. The following sections discuss additional modeling methods for construction and operational emission sources.

#### Construction

##### Off-Road Construction Equipment

Four area sources were placed over the construction site to represent each of the proposed construction areas. Average annual DPM (PM10 exhaust) and PM2.5 exhaust emission rates from off-road construction equipment (as modeled in CalEEMod) were used as the emissions source strength of each area source for the dispersion modeling. Total off-road construction emissions of DPM and PM2.5 exhaust associated with construction activities for each of the four construction areas were first divided by the duration of construction schedule for each phase of construction (total seconds) and then by the physical area for each construction area (total square meters) to determine emission rates [ $\text{g}/(\text{s}\cdot\text{m}^2)$ ] for each area source.

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<sup>47</sup> Cordova, James. Bay Area Air Quality Management District, Planning Division. July 31, 2015 – email communication with ICF.

<sup>48</sup> National Oceanic and Atmospheric Administration (NOAA). NOAA/ESRL Radiosonde Database. Prepared by Mark Govett. Last Updated: January 2016. Available: <<http://www.esrl.noaa.gov/raobs/>>. Accessed: September 4, 2015.

<sup>49</sup> National Oceanic and Atmospheric Administration. 2015. Integrated Surface Hourly Met data. Available: <<ftp://ftp.ncdc.noaa.gov/pub/data/noaa/>>. Accessed: September 4, 2015.

<sup>50</sup> United States Geological Survey. 2013. *National Elevation Dataset*. Available: <[www.mrlc.gov/viewerjrs/](http://www.mrlc.gov/viewerjrs/)>. Accessed: February 2013.

The exhaust emissions from construction equipment were modeled as area sources equal to the size of each phase of construction, with a 5.0 meter release height and 2.33 meter initial vertical dispersion.<sup>51</sup> The emissions from barges and work boats are modeled as a volume source. See further discussion below for more information on the source parameters.

For all construction activities, an even distribution of construction emissions over the entire area of construction for each proposed project area was used. This approach is appropriate because it assumes emissions would originate from all potential locations within the construction source grid.

## **On-Road Motor Vehicles**

### ***Haul Routes***

Two sets of line volume sources (i.e., line sources as a series of volume sources) with separated 2W configuration (i.e., volume source centers are separated by two times the volume source width, as identified by the AERMOD guidance as an alternate method that can be used instead of adjacent volume sources to represent the line source) were placed at the main haul routes serving the project site.<sup>52</sup> These routes are based on trucks departing the project site for southern destinations or arriving at the project site from southern destinations (haul route 1) and trucks departing the project site for northern destinations or arriving at the project site from northern destinations (haul route 2):<sup>53</sup>

1. **Haul Route 1 – Southern Route:** South on Third Street to Mariposa Street to Interstate 280 South. This route accounts for soil hauling trucks bound for Brisbane or Bayview (for rail transfer), debris disposal trucks bound for South San Francisco, and material delivery trucks arriving from the South Bay or Southern California. The roadway segments of Third Street to Mariposa are included in the AERMOD modeling.
2. **Haul Route 1 – Northern Route:** North on Third Street to Brannan Street to 5th Street to Interstate 80 East. This route covers soil hauling trucks bound for Alameda (for rail transfer) or the Kettleman Hills facility, and material delivery trucks arriving from the East Bay or the North Bay. The roadway segments of Third Street to Brannan Street are included in the AERMOD modeling.

### ***Emission Rates: Vehicle Travel***

Average annual DPM and PM2.5 exhaust emission rates from haul trucks, vendor trucks, and worker trips (as modeled in CalEEMod) were used as the emissions source strength of each line volume source for the dispersion modeling. Total on-road construction emissions of DPM and PM2.5 exhaust associated with haul and vendor trucks for each haul route and worker trips were first

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<sup>51</sup> United States Environmental Protection Agency. 2015. *Transportation Conformity Guidance for Quantitative Hot-spot Analyses in PM2.5 and PM10 Nonattainment and Maintenance Areas*. November. Appendix J. Available: <<https://www3.epa.gov/otaq/stateresources/transconf/documents/420b15084-appendices.pdf>>. Accessed: April 8, 2016.

<sup>52</sup> United States Environmental Protection Agency, 1992. *User's Guide for the Industrial Source Complex (ISC2) Dispersion Models - Volume I*. EPA-450/4-92-008a, Office of Air Quality Planning and Standards, Research Triangle Park, North Carolina 27711.

<sup>53</sup> The haul routes are preliminary and subject to change, but are the most likely haul routes for construction and are not anticipated to change substantially.

divided by the duration of construction schedule for each phase of construction (total seconds) and then by the physical area for each haul route roadway (total square meters) to determine emission rates [g/s] for each line volume source.

The total emissions associated with the entire truck routes and worker trips as estimated in CalEEMod were scaled to the length of the roadway modeled in AERMOD to determine the emission rate associated with the segment of road near the project's sensitive receptors. Haul truck emissions represent a 41.2-mile average round trip (20.6 mile one-way trip), and worker trips represent a 40.8-mile round trip (20.4 mile one-way trip) (see Table 6), but the roadway segments modeled in AERMOD were represented only by the anticipated traveled road lengths that would directly impact nearby receptors, which is 0.95 miles in length (average for all haul routes). Thus, total estimated emissions from vendor and haul trucks and workers using these routes were multiplied by scaling factors to determine emissions associated with trucks and worker vehicles operating near the project site. This scaling is necessary to estimate the actual on-road emissions to which nearby sensitive receptors would be exposed. The following scaling factors were used:

- Haul trucks and vendor trucks:  $0.030 = 0.95\text{-mile modeled segment} \div 41.2\text{-mile total round-trip distance}$ .
- Worker trips:  $0.023 = 0.95\text{-mile modeled segment} \div 40.8\text{-mile total round-trip distance}$ .

**Emission Rates: Vehicle Idling**

DPM emissions for truck idling are based on EMFAC2011 as described above (Section 3.2.1.4) for mass emissions (0.09–0.16 grams PM10 exhaust per idle-hour depending on the year of construction).

**Barges and Work Boats**

Barge and work boat emissions were modeled in AERMOD as a volume source at the boundary of Pier 48.

**Operation**

**Emergency Generators**

Regarding new onsite project TAC sources, the proposed project's retail and office uses would result in the siting of new emergency generators. Generator activity was based on the maximum activity allowed by a BAAQMD permit for emergency generators (50 hours per year), 2,000-horsepower engines, and CalEEMod default load factor ratings (see Table 14). The emissions factors from ARB's *Airborne Toxic Control Measure for Stationary Compression Ignition Engines* were used.<sup>54</sup> The generators were modeled as point sources and placed at the top of the commercial buildings (one each on buildings B, C, E, and G) and the flex residential/commercial buildings (one each on buildings I, J, and H) in AERMOD, based on information provided by the project sponsor regarding their proposed locations, as shown in Figure 4.<sup>55</sup>

<sup>54</sup> California Air Resources Board. 2011. *Airborne Toxic Control Measure for Stationary Compression Ignition Engines*. Final Regulation Order, Section 93115. Table 1. Available: <://www.arb.ca.gov/diesel/documents/FinalReg2011.pdf. Accessed: October 11, 2016

<sup>55</sup> Knorpp, John. San Francisco Giants. March 8, 2016—email communication with ICF.

### **Idling Emissions from Delivery Vehicles**

Regarding new onsite project TAC sources, the proposed project's residential, retail, and office uses would result in new diesel-related truck activity. The estimate of truck activity was based on truck trip generation from the TIS. It was assumed that each truck would idle for 5 minutes at the loading docks. The loading docks would be located at Exposition Street, Long Bridge Street, and Terry A. Francois Boulevard alongside of three buildings on each of the streets. The emissions were modeled as area sources in AERMOD.

### **Mobile Emissions from Delivery Vehicles**

Regarding new offsite TAC sources, the proposed project's residential, retail, and office uses would result in new diesel-related truck activity. The estimate of truck activity was based on truck trip generation from the TIS (see Tables 10–12). The anticipated delivery routes were modeled as line volume sources in AERMOD. Emissions were estimated following the methods discussed in Section 3.2.2.2 above.

Average annual DPM and PM<sub>2.5</sub> exhaust emission rates from delivery vehicles (modeled in CalEEMod) were used as the emissions rate for each line volume source for the dispersion modeling. Total annual operational emissions of DPM and PM<sub>2.5</sub> exhaust associated with delivery vehicles for each haul route was divided by total seconds in a year and then by the physical area for each modeled haul route roadway (total square meters) to determine emission rates [g/s] for each line volume source.

The total emissions associated with the entire delivery routes as estimated in CalEEMod were scaled to the length of the roadway modeled in AERMOD to determine the emission rate associated with the segment of road near the proposed project's sensitive receptors. Delivery vehicle emissions represent a 24.2-mile average round trip (see Section 3.2.2.2), but the roadway segments modeled in AERMOD were represented only by the anticipated traveled road length that would directly impact nearby receptors, which is 0.48 miles in length (average for all delivery routes). Thus, total estimated emissions from delivery vehicles using these routes were multiplied by a scaling factor of 0.02 ( $0.48 \div 24.2$ ) to determine emissions associated with delivery vehicles operating near the project site. This scaling is necessary to estimate the actual on-road emissions to which nearby sensitive receptors would be exposed.

### **Mobile Emissions from Automobiles**

USEPA's AERMOD dispersion model was also used to predict annual average DPM, PM<sub>2.5</sub> exhaust, and toxic air contaminant concentrations from nearby roadways associated with proposed project roadway conditions. DPM and PM<sub>2.5</sub> exhaust concentrations include exhaust from diesel traffic. Estimates of gasoline-related toxic air contaminant emissions were based on CalEEMod ROG emission rates from gasoline vehicles, ROG to total organic gas (TOG) conversion factors from the USEPA,<sup>56</sup> TOG-speciation values obtained from BAAQMD,<sup>57</sup> and cancer risk values for TOG-related

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<sup>56</sup> United States Environmental Protection Agency. 2005. *Conversion Factors for Hydrocarbon Emission Components*. EPA420-R-05-015. December. Available: <<https://www3.epa.gov/otaq/models/nonrdmdl/nonrdmdl2010/420r10015.pdf>>. Accessed: March 1, 2016.

<sup>57</sup> Bay Area Air Quality Management District. 2012a. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. Table 14. Toxic Speciation of TOG due to Tailpipe Emissions. May. Available: <<http://www.baaqmd.gov/~media/Files/Planning%20and%20Research/CEQA/Risk%20Modeling%20Approach%20May%202012.ashx?la=en>>. Accessed: August 11, 2015.



TACs and DPM obtained from OEHHA and ARB.<sup>58</sup> Estimates of project-level cancer risk from DPM and air toxics from gasoline vehicles and annual PM<sub>2.5</sub> concentrations were based on project-related traffic on nearby roadways from the TIS, annual concentrations from AERMOD, and accepted OEHHA<sup>59</sup> default dose and risk calculations, similar to the construction analysis above.

As described above for delivery vehicles, total annual operational emissions of DPM, PM<sub>2.5</sub> exhaust, and ROG associated with automobiles was divided by total seconds in a year and then by the physical area for each modeled roadway (total square meters) to determine emission rates [g/s] for each line volume source.

As for delivery vehicles, total emissions associated with all auto trips, as estimated in CalEEMod, were scaled to the length of the roadway modeled in AERMOD to determine the emission rate associated with the segment of road near the proposed project's sensitive receptors. Auto emissions represent a 7.95-mile average round trip (see Section 3.2.2.2),<sup>60</sup> but the roadway segments modeled in AERMOD were represented by only the anticipated traveled road length that would directly affect nearby receptors, which is 0.12 mile (average for all modeled roadways, ranging in length from 0.11 to 1.0 mile). Thus, total estimated emissions from autos using these routes were multiplied by a scaling factor of 0.005 ( $0.12 \div 7.95$ ) to determine emissions associated with autos operating near the project site. This scaling is necessary to estimate the actual on-road emissions to which nearby sensitive receptors would be exposed.

### Cumulative Sources

Cumulative sources were taken from the City's CRRP modeling for 2014 and 2025. Estimates of gasoline-related toxic air contaminant emissions from the proposed project were based on EMFAC2014 TOG rates from gasoline vehicles, TOG-speciation values obtained from BAAQMD,<sup>61</sup> and risk values obtained from OEHHA and ARB.<sup>62</sup> As previously indicated, cumulative health risks were estimated by combining predicted health risk and PM<sub>2.5</sub> concentrations from construction and operational activities obtained from the AERMOD analysis with the City's CRRP GIS cancer risk and PM<sub>2.5</sub> concentration database.

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<sup>58</sup> Bay Area Air Quality Management District. 2015b. *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values*. Last Updated: May 13, 2015. Available: <<http://www.arb.ca.gov/toxics/healthval/contable.pdf>>. Accessed: January 4, 2016.

<sup>59</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

<sup>60</sup> According to the TIS, proposed project trip lengths range, on average, from 3.4–3.5 miles for residential trips and 3.6–4.0 miles for nonresidential trips (based on a range of 9.5–9.9 miles for office trips, 1–1.1 miles for retail/restaurant trips, and 2.8 miles for Pier 48 trips; see Table 12). Based on Table 12 for Assumption A, residential trips represent 12% of total trips ( $1,828 \div 15,048$ ), and nonresidential trips represent 88% of total trips ( $13,220 \div 15,048$ ); average one-way trips are therefore 3.98 miles ( $3.5 \cdot 12\% + 4.0 \cdot 88\%$ ), for a total round-trip distance of 7.95 miles.

<sup>61</sup> Bay Area Air Quality Management District. 2012a. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. Table 14. Toxic Speciation of TOG due to Tailpipe Emissions. May. Available: <<http://www.baaqmd.gov/~media/Files/Planning%20and%20Research/CEQA/Risk%20Modeling%20Approach%20May%202012.ashx?la=en>>. Accessed: August 11, 2015.

<sup>62</sup> Bay Area Air Quality Management District. 2015b. *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values*. Last Updated: May 13, 2015. Available: <<http://www.arb.ca.gov/toxics/healthval/contable.pdf>>. Accessed: January 4, 2016.

A 2040 analysis of project-related emissions was not conducted. The 2040 citywide modeling done by the City shows that PM<sub>2.5</sub> and excess cancer risk generally decrease for receptor points within 1,000 feet of the project site under 2040 conditions without the project (compared with 2025 conditions). This decrease is due to a variety of reasons, including stricter emission standards, cleaner engines, and more efficient vehicles. Therefore, the cumulative analysis for 2014 and 2025, which is based on existing conditions + the proposed project + construction of other cumulative projects, presents a worst-case cumulative assessment of health risks.

### 3.3.2.7 Source Parameters

The following source parameters were modeled in AERMOD, pursuant to BAAQMD and OEHHA guidance, and based on the USEPA's report *Transportation Conformity Guidance for Quantitative Hot-spot Analyses in PM<sub>2.5</sub> and PM<sub>10</sub> Nonattainment and Maintenance Areas*,<sup>63</sup> unless otherwise noted:

- Construction Activities
  - On-road motor vehicle travel
    - Emissions Rate Source: CalEEMod and EMFAC2014
    - Source type: Multiple line volume sources to represent roadways
    - Release height: Equal to the midpoint of the release height (4 meters = average heavy-duty vehicle height) and the release height multiplied by the plume rise height (4\*1.5 meters = 6 meters) = 5.0 meters (midpoint of 4 and 6 meters)
    - Initial Vertical Dimension: Equal to the release height (5.0 meters) divided by 2.15 = 2.33 meters
    - Initial Lateral Dimension: Equal to the distance (laterally along the X or Y axis) between center points of line volume sources (2 times the volume source width [14 meters]) divided by 2.15 = 6.51 meters
  - Off-road construction equipment
    - Emission Rate Source: CalEEMod
    - Source type: Single area source representing each construction zone/phase encompassing entire project site, with uniform emissions distribution
    - Release height: 5 meters (assumed same as on-road heavy-duty trucks from above)
    - Initial Vertical Dimension: Equal to the release height (5.0 meters) divided by 2.15 = 2.33 meters
  - Barges
    - Source type: volume source
    - Based on the size of the barges proposed for the proposed project, assume that the barge and tug combination would have an approximate lateral length of about 61.0 meters (30.5 meters each) and a stack height of 9.1 meters for the engines plus

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<sup>63</sup> U.S. Environmental Protection Agency. 2015. *Transportation Conformity Guidance for Quantitative Hot-spot Analyses in PM<sub>2.5</sub> and PM<sub>10</sub> Nonattainment and Maintenance Areas*. November. Appendix J. Available: <https://www3.epa.gov/otaq/stateresources/transconf/documents/420b15084-appendices.pdf>. Accessed: April 8, 2016.

another 4.3 meters for the initial vertical dimension ( $= 9.1/2.1$ ) when docked.<sup>64, 65</sup> The estimated length to stack height was based on a loaded draft from the tug boat, which has a ratio of vertical distance to horizontal distance of 2.9/13.1. When scaled to the reported length of 136 feet, this equals 30 feet, or 9.1 meters.<sup>66</sup>

- Release height: Equal to the stack height (9.1 meters) plus the initial vertical dimension (4.3 meters) = 13.41 meters
- Initial Vertical Dimension: Equal to the ship's height of 14 feet<sup>67</sup> for an elevated source (e.g., the stack on top of the ship)  $\div 2.15 = 6.5$  feet or 1.98 meters
- Initial Lateral Dimension: Equal to the lateral length (61 meters)  $\div 4.3 = 14.18$  meters<sup>68</sup>
- Operational Stationary Sources
  - Emergency generator emissions <sup>69</sup>
    - Source type: point
    - Release height: 3.66 meters
    - Stack diameter: 1.83 meters
    - Temperature: 739.8 K
    - Velocity: 45.3 meters/second
  - Stationary source idling emissions associated with delivery vehicles <sup>70</sup>
    - Source type: area source
    - Release height: 5 meters (same as on-road heavy-duty trucks from above)
    - Initial Vertical Dimension: Equal to the release height (5.0 meters) divided by 2.14 = 2.33 meters

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<sup>64</sup> United States Environmental Protection Agency. 1995. *Screening Procedures for Estimating the Air Quality Impact of Stationary Sources*. Revised. EPA-454/R-92-019. Available: [https://www3.epa.gov/scram001/guidance/guide/EPA-454R-92-019\\_OCR.pdf](https://www3.epa.gov/scram001/guidance/guide/EPA-454R-92-019_OCR.pdf). Accessed: October 13, 2016.

<sup>65</sup> United States Environmental Protection Agency. 2012. *Haul Road Workgroup Final Report Submission to EPA-OAQPS*. March 2. Available: [https://www3.epa.gov/ttn/scram/reports/Haul\\_Road\\_Workgroup-Final\\_Report\\_Package-20120302.pdf](https://www3.epa.gov/ttn/scram/reports/Haul_Road_Workgroup-Final_Report_Package-20120302.pdf). Accessed: October 13, 2016.

<sup>66</sup> Crowley. 2016. *Marine Solutions: Invader – Class 9000 Series*. Available: <http://www.crowley.com/What-We-Do/Marine-Solutions/Vessel-Specifications/Tugs/Invader-Class-9000-Series>. Accessed: October 11, 2016.

<sup>67</sup> The 14-foot estimate for the ship height is subject to some uncertainty given that it is a function of the draft depth of the ship and the height to the top of the ship. It was estimated that the top of the ship was the second-deck level.

<sup>68</sup> United States Environmental Protection Agency. 1995. *Screening Procedures for Estimating the Air Quality Impact of Stationary Sources*. Revised. EPA-454/R-92-019. Available: [https://www3.epa.gov/scram001/guidance/guide/EPA-454R-92-019\\_OCR.pdf](https://www3.epa.gov/scram001/guidance/guide/EPA-454R-92-019_OCR.pdf). Accessed: October 13, 2016.

<sup>69</sup> Bay Area Air Quality Management District. 2012b. *The San Francisco Community Risk Reduction Plan: Technical Support Documentation*. December. Available: [http://www.gsweventcenter.com/Draft\\_SEIR\\_References%5C2012\\_12\\_BAAQMD\\_SF\\_CRRP\\_Methods\\_and\\_Findings\\_v9.pdf](http://www.gsweventcenter.com/Draft_SEIR_References%5C2012_12_BAAQMD_SF_CRRP_Methods_and_Findings_v9.pdf). Accessed: August 27, 2015.

<sup>70</sup> Assumes 100 percent heavy heavy duty trucks.

- Stationary-source exhaust emissions associated with delivery vehicles<sup>71</sup>
  - Source type: Area source
  - Release height: 5 meters (same as on-road heavy-duty trucks from above)
  - Initial Vertical Dimension: Equal to the release height (5.0 meters) divided by 2.14 = 2.33 meters
- Operational Mobile Sources
  - On-road motor vehicles
    - Emission Rate Source: CalEEMod/EMFAC2011
    - Source type: Multiple line volume sources to represent roadways
    - Release height: 5 meters (same as on-road heavy-duty trucks from above)
    - Initial Vertical Dimension: Equal to the release height (5.0 meters) divided by 2.14 = 2.33 meters
    - Initial Lateral Dimension: Equal to the distance (laterally along the X- or Y-axis) between center points of volume sources (2 times volume source width: 14 meters) divided by 2.15 = 6.51 meters

### 3.3.2.8 Receptors

A receptor is defined as a point where a person (resident) may be located for a given period of time. With respect to risk and hazard cancer health effects, all locations where a person could be located for extended periods of time (i.e., residences) were identified.

Consistent with Environmental Planning Division and BAAQMD's CEQA guidance, this AQTR evaluates impacts on new onsite sensitive receptors and existing sensitive receptors located within 1,000 feet due to proposed project construction in combination with existing sources, and impacts on new onsite sensitive receptors and existing sensitive receptors located within 1 kilometer due to proposed project operations in combination with cumulative sources.

Sensitive receptors were placed at the locations identified in Chapter 2 and in a 20-meter grid within AERMOD to represent onsite and offsite receptors. The receptor modeling grid for construction extends 1,000 feet from the proposed project boundary to evaluate the effects of construction activities and extends 1 kilometer from the proposed project to assess roadway traffic associated with operations. Receptors were placed at a height of 1.8 meters above terrain height, which represents the default breathing height for ground floor receptors.

### 3.3.2.9 Construction Scenarios

Construction of the proposed project is anticipated to occur over multiple areas, with an area becoming operational upon completion of construction activities for that area and while construction is occurring in one or more subsequent areas. As a result, the proposed project would likely result in new onsite sensitive receptors from a previously constructed phase being exposed to construction emissions associated with subsequent phases, in addition to operational emissions. It is

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<sup>71</sup> Assumes 100 percent heavy heavy duty trucks.

currently unknown which land use assumption (High Residential or High Commercial) would ultimately be constructed. Consequently, the analysis consists of a two-tiered construction HRA, as follows.

1. **Construction Scenario 1: Offsite Receptor Exposure to all Construction (2017–2023):** Under Construction Scenario 1, the HRA evaluates construction emissions associated with all construction activities and their resultant effects on offsite existing sensitive receptors located within 1,000 feet of the proposed project. Emissions from all construction activities were included in the Construction Scenario 1 analysis (see Table 17).
2. **Construction Scenario 2: Onsite Receptor Exposure to Remaining Construction (2020–2023):** Following completion of construction of Area 1, assumed to occur on April 1, 2020 (see Table 3), new sensitive residential receptors are assumed to be located onsite. Under Construction Scenario 2, the HRA evaluates construction emissions associated with the remaining phases of construction activities and their resultant effects on new onsite sensitive receptors associated with the proposed project located in Area 1. Emissions from all construction phases occurring after April 1, 2020 were included in the Construction Scenario 2 analysis, including part of Areas 2 and 3, and all of Area 4 (see Table 17). Receptors in Area 1 were chosen for this scenario because they would be exposed to the greatest duration of construction activity (and therefore emissions) of all onsite receptors (e.g., Area 1 receptors would be exposed to construction emissions from Areas 2, 3, and 4; Area 2 receptors would be exposed to construction emissions only from Areas 3 and 4; Area 3 receptors would be exposed to construction emissions only from Area 4; and Area 4 receptors would be exposed to no construction emissions).

### 3.3.2.10 Operational Scenarios

The operational analysis evaluates two scenarios:

1. **Operational Scenario 1: Offsite and Onsite Receptor Exposure to all Operation (2023–2053 pursuant to 2015 OEHHA methodology):** Under Operational Scenario 1, the HRA evaluates emissions associated with the operation of the proposed project and their resultant effects on offsite existing and new onsite sensitive receptors located within 1,000 feet of the proposed project. Emissions from all operational activities were included in the Operational Scenario 1 analysis (see Tables 23–30). OEHHA requires analysis of a 30-year exposure (2023–2053).<sup>72</sup>
2. **Operational Scenario 2: Offsite and Onsite Receptor Exposure to Construction PLUS Operation (2017–2047 pursuant to 2015 OEHHA methodology):** Under Operational Scenario 2, the HRA evaluates construction emissions associated with the proposed project *plus* operational emissions and their resultant effects on offsite existing and new onsite sensitive receptors (located in Area 1 and exposed to construction emissions from 2020–2023 after completion of Area 1 construction, similar to Construction Scenario 1) located within 1,000 feet of the proposed project. Emissions from all construction and operational activities up to the total lifetime cancer exposure were included in the Operational Scenario 2 analysis (see Tables 23–30). OEHHA requires analysis of a 30-year exposure (2017–2047).

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<sup>72</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html). Accessed: August 11, 2015.

### 3.3.3 Risk Characterization Methodology

TACs are a defined set of airborne pollutants that may pose a present or potential hazard to human health. BAAQMD has developed guidance for estimating risk and hazard impacts, *Recommended Methods for Screening and Modeling Local Risks and Hazards*, that includes instructions on characterizing hazard and risk and mitigating impacts.<sup>73</sup> BAAQMD recommends characterizing potential health effects associated with exposure to PM<sub>2.5</sub> emissions as well as analyzing local community risk and hazard impacts associated with DPM exposure for both new sources and new receptors.

The proposed project would generate TAC emissions near existing and new receptors. Thus, consistent with BAAQMD requirements, a risk and hazards impact assessment was performed using USEPA's AERMOD dispersion model, risk assessment values presented by OEHHA, and assumptions for model inputs from BAAQMD's *Recommended Methods for Screening and Modeling Local Risks and Hazards*.<sup>74</sup> The HRA takes into account guidance and calculation methods in OEHHA's most recent *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Risk Assessments*, which was adopted by OEHHA in March 2015,<sup>75</sup> along with the BAAQMD's recommendations for health risk calculations pursuant to the OEHHA guidance.<sup>76</sup>

#### 3.3.3.1 Potentially Exposed Populations

This evaluation conservatively evaluates the following receptor populations:

- Construction scenarios: Onsite (Scenario 2) and offsite (Scenario 1) child residents.<sup>77</sup>
- Operational scenarios: Onsite and offsite 30-year (OEHHA) lifetime residents.

Because the residential exposure assumptions are more conservative than those for other sensitive receptor types, a conservative approach of considering all sensitive receptors as residential sensitive receptors was used in this HRA. All receptors were modeled using the existing CRRP grid (20-meter spacing).

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<sup>73</sup> Bay Area Air Quality Management District. 2012a. Recommended Methods for Screening and Modeling Local Risks and Hazards. May. Available: <<http://www.baaqmd.gov/~media/Files/Planning%20and%20Research/CEQA/Risk%20Modeling%20Approach%20May%202012.ashx?la=en>>. Accessed: August 11, 2015.

<sup>74</sup> Bay Area Air Quality Management District. 2012a. Recommended Methods for Screening and Modeling Local Risks and Hazards. May. Available: <<http://www.baaqmd.gov/~media/Files/Planning%20and%20Research/CEQA/Risk%20Modeling%20Approach%20May%202012.ashx?la=en>>. Accessed: August 11, 2015.

<sup>75</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

<sup>76</sup> Bay Area Air Quality Management District. 2016. *BAAQMD Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines*. January. Available: <[http://www.baaqmd.gov/~media/files/planning-and-research/rules-and-regs/workshops/2016/reg-2-5/hra-guidelines\\_clean\\_jan\\_2016-pdf.pdf?la=en](http://www.baaqmd.gov/~media/files/planning-and-research/rules-and-regs/workshops/2016/reg-2-5/hra-guidelines_clean_jan_2016-pdf.pdf?la=en)>. Accessed: September 9, 2016.

<sup>77</sup> As child resident exposure assumptions are more conservative than those for adult resident, a conservative approach of considering all residential receptors as child residents for the construction scenarios were used in this HRA.

### 3.3.3.2 Risk Calculations

The approach to estimating cancer risk from long-term inhalation exposure to carcinogens requires calculating a range of potential doses and multiplying by cancer potency factors in units of inverse dose to obtain a range of cancer risks. For cancer risk, the risk for each age group is calculated using the appropriate daily breathing rates, age sensitivity factors (ASFs), exposure frequencies (EF), exposure durations (ED), and cancer risks calculated for individual age groups, summed to estimate cancer risk for the 9- and 30-year exposure durations for which OEHHA recommends analysis.

Pursuant to guidance from the Environmental Planning Division, the HRA assesses health risk impacts uses OEHHA's 2015 guidance.<sup>78</sup> Cancer risk as a result of exposure to DPM, which occurs exclusively through the inhalation pathway, was calculated with this methodology (see Appendix A for more information).

#### Age Sensitivity Factors

OEHHA's 2015 guidance accounts for the increased sensitivity of early-in-life exposure to carcinogens. The estimated excess lifetime cancer risks for a resident child were, therefore, adjusted using the ASFs recommended in the OEHHA 2015 guidance.<sup>79</sup> 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. Table 18 shows the ASFs to be used for child residents for construction receptors and for operational receptors.

#### Summary of Health Risk Assessment Factors

Table 18 summarizes key age-specific factors used in the HRA based on OEHHA guidance. OEHHA recommends risk to be analyzed for the following exposure durations (residency times): 30 years for the maximally impacted receptor (MIR) and 9 years for central tendency.<sup>80</sup> The 9- and 30-year exposures are chosen to coincide with USEPA's estimates of the average (9 years) and high-end estimates (30 years) of residence time.<sup>81, 82</sup>

Risk was calculated for all receptors types (resident, hospital, and day care), but only the MIR (referred to as the maximally impacted receptor, or MIR, in this report) is presented in the results section of this report because the risk for residents is higher than for any other receptor type. This is

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<sup>78</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

<sup>79</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

<sup>80</sup> "Central Tendency" exposure is an estimate of the average experienced by the affected population, based on the amount of agent present in the environment and the frequency and duration of exposure.

<sup>81</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

<sup>82</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

because residential receptors have the longest exposure duration, the highest age sensitivity factor, and the highest exposure frequency of any receptor type. The exposure parameters used to estimate excess lifetime cancer risks for the MIR under the construction and operation scenarios are presented in Table 18.

### 3.3.4 Existing Conditions (2014) and Future Background (2025)

Consistent with BAAQMD's CEQA Guidelines, cumulative exposure to PM<sub>2.5</sub> and cancer risks were evaluated by examining the exposure of onsite and offsite sensitive receptors to the cumulative effect of existing, proposed project (construction and operation), and reasonably foreseeable future sources of PM<sub>2.5</sub> and DPM emissions.

As previously indicated, cumulative health risks were estimated by combining predicted health risk and PM<sub>2.5</sub> concentrations from construction and operational activities obtained from the AERMOD analysis to corresponding receptors from the City's CRRP GIS grid of health risks and PM<sub>2.5</sub> concentrations. The cumulative analysis represents project-level PM<sub>2.5</sub> concentrations and cancer risks for the construction + operational analysis combined with PM<sub>2.5</sub> concentrations and cancer risks from the CRRP – HRA database for each receptor indicated above.<sup>83</sup> Because the CRRP database has health risk and PM<sub>2.5</sub> concentration values for 2014 and 2025, which represent CRRP existing and future background conditions, respectively, the analysis presented in Chapter 4 evaluates health risks and PM<sub>2.5</sub> concentrations for these two years. As noted in Section 3.2.2, *Modeled Project Sources and Background Traffic*, the CRRP includes the following sources: roadways, permitted stationary sources, port and maritime sources, the Transit Center, and Caltrain.

All of these existing and future cumulative sources could contribute to a cumulative health risk to existing offsite receptors. In addition, the proposed project would introduce new residential receptors that would be exposed to these cumulative sources located within 1,000 feet of the project site.

### 3.3.5 Project Emissions

#### 3.3.5.1 Construction

Proposed project construction would generate PM<sub>2.5</sub> exhaust and DPM, resulting in the exposure of nearby existing residential receptors to increased PM<sub>2.5</sub> exhaust concentrations and health risks associated with DPM. Similarly, new residents who occupy the project site prior to completion of the entire project may be exposed to a portion of construction-generated PM<sub>2.5</sub> exhaust and DPM. In addition, several sensitive receptors are located adjacent to the project site, as shown in Figure 2. Therefore, exposure to construction PM<sub>2.5</sub> exhaust and DPM emissions was assessed by modeling PM<sub>2.5</sub> exhaust and DPM concentrations at onsite and offsite receptor locations.

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<sup>83</sup> Bay Area Air Quality Management District. 2012b. *The San Francisco Community Risk Reduction Plan: Technical Support Documentation*. December. Available: <[http://www.gsweventcenter.com/Draft\\_SEIR\\_References%5C2012\\_12\\_BAAQMD\\_SF\\_CRRP\\_Methods\\_and\\_Findings\\_v9.pdf](http://www.gsweventcenter.com/Draft_SEIR_References%5C2012_12_BAAQMD_SF_CRRP_Methods_and_Findings_v9.pdf)>. Accessed: August 27, 2015.



Construction health risks were calculated for two scenarios: Construction Scenario 1 (2017-2023) considers construction emissions associated with all construction activities before any of the project site becomes operational and the emissions' resultant effects on *existing offsite existing sensitive receptors* located within 1,000 feet of the proposed project; Construction Scenario 2 (2020-2023) considers construction emissions associated with the remaining phases of construction activities and the emissions' resultant effects on *new onsite receptors* associated with the proposed project.

### DPM Analysis

Cancer health risks associated with exposure to diesel exhaust are typically associated with chronic exposure, in which long-term exposure is assumed. Exposure to construction DPM emissions was assessed by predicting the health risks in terms of excess cancer risks at both onsite and offsite receptor locations. Exposure to carcinogens is expressed in terms of the number of people in 1 million who would contract cancer over a lifetime of exposure.

#### 3.3.5.2 Operation

Proposed project operation would generate PM<sub>2.5</sub> exhaust and DPM, resulting in the exposure of nearby existing residential receptors to increased PM<sub>2.5</sub> exhaust concentrations and health risks associated with DPM. Similarly, new residents that may occupy the project site prior to completion of the entire proposed project may be exposed to a portion of operational PM<sub>2.5</sub> exhaust and DPM.

As shown in Figure 2, several sensitive receptors are located adjacent to the project site (including existing residential to the west and future residential to the west and south), in addition to the new residential sensitive receptors that would occupy the project site. Therefore, exposure to construction PM<sub>2.5</sub> exhaust and DPM emissions was assessed by modeling PM<sub>2.5</sub> exhaust and DPM concentrations at on- and offsite receptor locations.

As discussed above, operational health risks were calculated for two scenarios. Operational Scenario 1 (2023–2053 for current 2015 OEHHA methodology) evaluates operational emissions associated with the proposed project and their resultant effects on *existing offsite sensitive receptors* located within 1,000 feet of the proposed project. Operational Scenario 2 (2017–2047 for current 2015 OEHHA methodology) evaluates construction emissions associated with the proposed project *plus* operational emissions and their resultant effects on *existing offsite and new onsite sensitive receptors* associated with the proposed project.

### DPM/TAC Analysis

Onsite and offsite sensitive receptors would be exposed to DPM from periodic emergency generator operation, truck idling at commercial loading areas, and commercial truck trips. Receptors would also be exposed to construction barge emissions at Pier 48.

Proposed project operational traffic would also generate vehicle-related TACs from gasoline TOG emissions, resulting in the exposure of nearby existing offsite and new onsite sensitive receptors to increased TAC concentrations.<sup>84</sup> Non-DPM TACs are typically associated with gasoline vehicles.

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<sup>84</sup> Toxic air contaminants evaluated include 1,3-Butadiene, Acetaldehyde, Benzene, Ethylbenzene, Formaldehyde, and Naphthalene.

Project vehicles would not be numerous enough to constitute a substantial source. Substantial sources, such as freeways, are more than 1,000 feet from the project site, and, therefore, are not included in the TAC analysis.

### 3.3.5.3 Construction plus Operation

Proposed project construction and operation would generate PM<sub>2.5</sub> exhaust and DPM, resulting in the exposure of both existing and new residential receptors (at the project site) to increased PM<sub>2.5</sub> exhaust concentrations and health risks associated with DPM from both construction and operational activities over their lifetimes. Existing sensitive receptors would be exposed to construction emissions from 2017 to 2023 along with full-buildout operational emissions from 2023 onward. New sensitive receptors occupying the project site could also be exposed to both construction (2020 to 2023) and operational health risks (2023 and onward). Residents occupying Area 1 would be exposed to construction emissions of Areas 2, 3, and 4 after 2020 along with operational emissions of all areas after 2023.

Operational health risks were calculated for two scenarios. Operational Scenario 1 (2023–2053 for current 2015 OEHHA methodology) considers operational emissions associated with the proposed project and their resultant effects on *existing offsite sensitive receptors* located within 1,000 feet of the proposed project. Operational Scenario 2 (2017–2047 for current 2015 OEHHA methodology) considers construction emissions associated with the proposed project *plus* operational emissions and their resultant effects on *existing offsite and new onsite sensitive receptors* associated with the proposed project.

The values presented for construction plus operation are not the sum of risks from the construction tables and operational tables presented above because each of those risk calculations assume a receptor begins exposure at the third trimester. For combined risk, receptors are exposed to construction emissions beginning at the third trimester and operational emissions later in life (e.g., at year 3 or 6).

### 3.3.6 San Francisco Modeling of Air Pollutant Exposure Zone

The City and County of San Francisco and BAAQMD, to identify the areas of San Francisco most adversely affected by sources of TACs, conducted an assessment of air pollution and exposures from vehicles, stationary sources, and area sources within the city. For this assessment, the City conducted citywide dispersion modeling using AERMOD to assess the emissions from the following primary sources: roadways, permitted stationary sources, port and maritime sources, and Caltrain. Emissions of PM<sub>10</sub> (DPM is assumed to be equivalent to PM<sub>10</sub>), PM<sub>2.5</sub>, and TOG were modeled on a 20-meter-by-20-meter receptor grid covering the entire city. This analysis resulted in a comprehensive assessment of existing cumulative exposures to air pollution throughout the city. The report, *The San Francisco Community Risk Reduction Plan: Technical Support Documentation*, contains the methodology and technical documentation of the assessment.<sup>85</sup>

<sup>85</sup> Lakes Environmental. 2016. *AERMOD View*. Version 9.2. Available: <http://www.weblakes.com/products/Aermod/index.html>.

<sup>86</sup> Bay Area Air Quality Management District. 2012b. *The San Francisco Community Risk Reduction Plan: Technical Support Documentation*. December. Available: [http://www.gsweventcenter.com/Draft\\_SEIR\\_References%5C2012\\_12\\_BAAQMD\\_SF\\_CRRP\\_Methods\\_and\\_Findings\\_v9.pdf](http://www.gsweventcenter.com/Draft_SEIR_References%5C2012_12_BAAQMD_SF_CRRP_Methods_and_Findings_v9.pdf). Accessed: August 27, 2015.

The City identified areas with poor air quality, called the Air Pollutant Exposure Zone (APEZ), based on modeling results using three sets of criteria. The APEZ location is shown in Figure 5. First, the City delineated an area with pollutant levels exceeding the following health-protective criteria as an APEZ:

1. Cumulative PM<sub>2.5</sub> concentrations greater than 10 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ), and/or
2. Excess cancer risk from the contribution of emissions from all modeled sources greater than 100 per one million population.

Second, areas in those San Francisco ZIP codes in the worst quintile of Bay Area health vulnerability scores (i.e., ZIP codes 94102, 94103, 94105, 94124, and 94130) were delineated as an APEZ using more conservative criteria of:

1. Excess cancer risk from the contribution of emissions from all modeled sources greater than 90 per one million population, and/or
2. Cumulative PM<sub>2.5</sub> concentrations greater than 9  $\mu\text{g}/\text{m}^3$ .

Third, all parcels within 500 feet of a major freeway were also included in the APEZ, consistent with findings in ARB's *Air Quality and Land Use Handbook: A Community Health Perspective*. The ARB report suggests air pollutant levels decrease substantially at about 500 feet from a freeway.<sup>87</sup>

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<sup>87</sup> California Air Resources Board. 2005. *Air Quality and Land Use Handbook: A Community Health Perspective*. Available: <<http://www.arb.ca.gov/ch/handbook.pdf>>. Accessed: July 29, 2016.

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## 4.1 Introduction

This section presents the results of the criteria pollutant analysis and HRA. Additional modeling details and the CalEEMod output files used to estimate emissions are provided in Appendix A. The EMFAC2014, CalEEMod, and AERMOD model outputs are provided in Appendix B.

## 4.2 Mass Emissions

### 4.2.1 Construction

Table 19 presents the detailed uncontrolled construction inventory by emissions category (e.g., off-road equipment). Total average daily uncontrolled emissions by year are summarized in Table 20. As discussed in Chapter 3, *Methods for Analysis*, construction activities would not differ between Assumptions A and B.<sup>88</sup> Accordingly, the results presented in Tables 19 and 20 are representative of both land use assumptions.

As shown in Table 19, the majority of ROG emissions would be generated by architectural coatings (“fugitive ROG” category), and the majority of NO<sub>x</sub> emissions would be generated by off-road heavy equipment and on-road vehicle exhaust. Emissions are estimated to be the highest during simultaneous construction of multiple areas. Refer to Tables 2 and 3 for more details regarding overlap of construction phasing.

Emissions are predicted to be highest in 2019, which represents the year with the most construction activity. Implementation of Measure AQ-1.1 would reduce exhaust-related emissions by requiring off-road equipment and all diesel generators to comply with Tier 4 interim or better emissions standards. Measure AQ-1.2 requires that construction heavy-duty haul trucks comply with USEPA 2007 on-road emission standards (i.e., utilize model year 2010 engines or newer). Measure AQ-1.3 requires that 90 percent of all architectural coatings have a maximum of 10 grams VOC per liter, which would reduce area source ROG emissions during architectural coating phases. Measure AQ-1.4 requires BACT for construction barge engines to have engines that meet or exceed USEPA marine engine Tier 3 emissions standards and construction work boats to have model year 2005 or newer engines.

Table 21 presents the detailed controlled construction inventory by emissions category (e.g., off-road equipment). Total average daily controlled emissions are summarized in Table 22. These tables reflect emissions benefits achieved by implementation of Measures AQ-1.1 through AQ-1.4.

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<sup>88</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 3, 2015—email communication with ICF.

## 4.2.2 Operation

Tables 23 and 24 present the detailed uncontrolled operational inventory by emissions category (e.g., area sources) for Assumptions A and B, respectively. Total average daily uncontrolled emissions by year are summarized in Tables 25 and 26. All proposed project structures were conservatively assumed to be fully occupied immediately following construction. Emissions reported for 2024 represent full build conditions and would be generated annually throughout the project's life.

As shown in Tables 23 and 24, the primary sources of ROG emissions would be area, mobile, and brewery operations. The majority of NO<sub>x</sub> emissions would be generated by mobile sources and emergency generators. Measure AQ-1.3 requires that 90 percent of all architectural coatings have a maximum of 10 grams of VOC per liter, which would reduce area-source ROG emissions from architectural coatings by more than 90 percent (the default VOC content ranges from 100 to 150 grams per liter) and overall area-source ROG emissions, which include emissions from consumer product use, by 10 percent on average. Although Measure AQ-2.1 would not reduce ROG or NO<sub>x</sub> emissions from emergency generators, it would reduce exhaust-related PM<sub>10</sub> and PM<sub>2.5</sub> emissions by requiring all emergency generators to have model year 2008 or newer engines, consistent with ARB ATCM emission rates<sup>89</sup> that also meet (at a minimum) USEPA Tier 2 standards. Measure AQ-2.3 requires a 20 percent reduction in the number of auto trips as part of the Transportation Demand Management plan, which would reduce mobile-source emissions by 20 percent.

Tables 27 and 28 present the detailed controlled operational inventory by emissions category (e.g., area sources) for Assumptions A and B, respectively. Total average daily controlled emissions by year are summarized in Tables 29 and 30. These tables reflect emissions benefits achieved by implementation of Measures AQ-2.1 and AQ-2.3.

## 4.2.3 Construction + Operation

As discussed above and in Chapter 1, *Project Description*, construction would occur in phases, beginning with Area 1 in 2017. It is conservatively estimated that operational emissions would begin immediately following construction of each area. Accordingly, concurrent construction and operational activities would occur, resulting in higher daily and annual emissions than either separate construction or operational emissions.

Tables 31 and 32 summarize estimated uncontrolled construction emissions combined with estimated uncontrolled operational emissions for Assumptions A and B, respectively. Tables 33 and 34 summarize estimated controlled construction emissions with the incorporation of Measures AQ-1.1 through AQ-1.4 combined with estimated controlled operational emissions with the incorporation of Measures AQ-2.1 and AQ-2.3.

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<sup>89</sup> California Air Resources Board. 2011. *Airborne Toxic Control Measure for Stationary Compression Ignition Engines*. Final Regulation Order, Section 93115. Table 1. Available: <https://www.arb.ca.gov/diesel/documents/FinalReg2011.pdf>. Accessed: October 11, 2016.

## 4.3 Health Risks

This section presents the results of the HRA for the proposed project. This section addresses PM<sub>2.5</sub> exposure and cancer risk from DPM as a result of uncontrolled emissions and as a result of emissions controlled through the implementation of Measures AQ-1.1 through AQ-1.4, AQ-2.1, and AQ-2.3. Section 4.3.1 evaluates existing conditions (2014) and proposed project, and Section 4.3.2 evaluates future conditions (2025) and proposed project.

Cancer risk from exposure to DPM and operational TOG/TAC emissions was calculated for all receptor types (resident, hospital, and daycare) to confirm that the residential receptor would in fact have the highest risk of each type analyzed. Therefore, only the results for resident receptors are presented in the associated tables. However, for PM<sub>2.5</sub> exhaust, the maximum concentrations for all sensitive receptor locations are presented in the tables below.

Sections 4.3.1 and 4.3.2 present maximum existing PM<sub>2.5</sub> exhaust concentrations and excess cancer risk within 1,000 feet of the project site, maximum proposed project concentrations and excess cancer risk, and maximum existing plus proposed project concentrations and excess cancer risk.

### 4.3.1 Existing Conditions (2014) and Proposed Project

#### 4.3.1.1 PM<sub>2.5</sub> Analysis

Table 35 presents the modeled annual average PM<sub>2.5</sub> exhaust concentrations during existing 2014 conditions for both the onsite and offsite MIRs within the study area. During existing 2014 conditions, the modeled annual average PM<sub>2.5</sub> concentrations for onsite and offsite MIRs are 8.6 µg/m<sup>3</sup> and 10.0 µg/m<sup>3</sup>, respectively. Figure 6 identifies the receptors in the study area within the APEZ, including the onsite and offsite MIRs.

Table 36 presents the modeled maximum PM<sub>2.5</sub> exhaust concentrations from the proposed project at onsite and offsite receptor locations in the study area. The maximum modeled annual average PM<sub>2.5</sub> concentrations during proposed project conditions for onsite and offsite receptor locations are 2.3 µg/m<sup>3</sup> and 0.5 µg/m<sup>3</sup> (for construction plus operation), respectively. Figure 9 presents these results.

As shown in Table 35 and Table 36, the sum of the modeled maximum annual average PM<sub>2.5</sub> exhaust concentrations for the onsite receptor locations during existing (8.6 µg/m<sup>3</sup>) and proposed project conditions (2.3 µg/m<sup>3</sup>) is greater than 10.0 µg/m<sup>3</sup> (8.6 + 2.3 = 10.9).<sup>90</sup> Additional annual average PM<sub>2.5</sub> exhaust concentration analysis was conducted for existing plus proposed project conditions in order to:

1. Identify the maximum annual average PM<sub>2.5</sub> exhaust concentrations contribution from the proposed project for those onsite receptors not located in the APEZ during existing conditions, but which would be located in the APEZ during existing plus proposed project conditions. As shown in Table 37, the modeled maximum annual average PM<sub>2.5</sub> exhaust concentrations during proposed project conditions for these onsite receptors would be 2.3 µg/m<sup>3</sup>.

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<sup>90</sup> The onsite receptor locations are different between Tables 35 and 36 because Table 35 shows the receptors with the maximum *existing background* values, and Table 36 shows the receptors with the maximum *project* values. Therefore, the modeled annual average PM<sub>2.5</sub> concentrations at any single onsite receptor during existing plus proposed project conditions would be less than 10.9 because the existing plus project values at the MIR would be less than the worst-case existing receptor plus the worst-case project receptor.

2. Identify the maximum annual average PM<sub>2.5</sub> exhaust concentrations contribution from the proposed project for those onsite receptors located in the APEZ during existing conditions and which would continue to be located in the APEZ during existing plus proposed project conditions. There are no onsite receptors that fit this criterion.

As shown in Table 35 and Figure 7, the modeled maximum annual average PM<sub>2.5</sub> exhaust concentrations for offsite receptors during existing conditions are at or near 10.0 µg/m<sup>3</sup>. As shown in Table 36 and Figure 9, the modeled annual average PM<sub>2.5</sub> exhaust concentrations for offsite receptors during proposed project conditions would be at or above 0.2 µg/m<sup>3</sup>. Therefore, additional annual average PM<sub>2.5</sub> exhaust concentration analysis was conducted for existing plus proposed project conditions to:

1. Identify the maximum annual average PM<sub>2.5</sub> exhaust concentrations contribution from the proposed project for those offsite receptors not located in the APEZ during existing conditions, but which would be located in the APEZ during existing plus proposed project conditions. There are no offsite receptors that fit this criterion; therefore, no further analysis is required.
2. Identify the maximum annual average PM<sub>2.5</sub> exhaust concentrations contribution from the proposed project for those offsite receptors located in the APEZ during existing conditions and which would continue to be located in the APEZ during existing plus proposed project conditions. As shown in Table 38, the modeled maximum annual average PM<sub>2.5</sub> exhaust concentrations during proposed project conditions for the offsite receptors located in the APEZ during existing conditions would be 0.1 µg/m<sup>3</sup>.

Because the project would have a contribution greater than 0.3 µg/m<sup>3</sup> for those onsite receptors not in the APEZ during existing conditions but would be in the APEZ during existing plus-project conditions, a controlled version of the project has been modeled. The controlled annual average PM<sub>2.5</sub> exhaust concentrations, which include implementation of Measures AQ-1.1 through AQ-1.4, AQ-2.1, and AQ-2.3 (see Appendix A), for these onsite receptors is 0.3, as shown in Table 39 and Figures 10–12.

Those locations where the modeled annual average PM<sub>2.5</sub> exhaust concentrations for offsite receptors during proposed project conditions would be at or more than 0.2 µg/m<sup>3</sup> are not within the APEZ during existing conditions or existing plus project conditions.

#### **4.3.1.2 Lifetime Excess Cancer Risk Analysis**

Table 40 presents the modeled lifetime excess cancer risk during existing 2014 conditions for both the onsite and offsite MIRs within the study area. Please refer to Section 3.3.4 where Existing Conditions (2014) and Future Background (2025) conditions are described. During existing 2014 conditions, the modeled lifetime excess cancer risk for onsite and offsite MIRs are 83.5 per million and 232.3 per million, respectively. Figure 6 identifies the receptors in the study area within the APEZ, including the onsite and offsite MIRs.

Table 41 presents the modeled maximum lifetime excess cancer risk from the proposed project at the onsite and offsite receptor locations in the study area. The modeled maximum lifetime excess cancer risk during proposed project conditions for onsite and offsite receptor locations are 140.4 per million and 108.4 per million, respectively. Figure 13 presents these results.



As shown in Table 40 and Table 41, the sum of the modeled lifetime excess cancer risk for the onsite MIR during existing conditions (83.5 per million) and proposed project conditions (140.4 per million) is greater than 100.0 per million ( $83.5 + 140.4 = 223.9$ ).<sup>91</sup> Therefore, additional lifetime excess cancer risk analysis was conducted for existing plus proposed project conditions to:

1. Identify the maximum lifetime excess cancer risk contribution from the proposed project for those onsite receptors not located in the APEZ during existing conditions, but which would be located in the APEZ during existing plus proposed project conditions. As shown in Table 42, the modeled excess cancer risk during proposed project conditions for these onsite receptors would be 140.2 per million.
2. Identify the maximum lifetime excess cancer risk contribution from the proposed project for those onsite receptors located in the APEZ during existing conditions and which would continue to be located in the APEZ during existing plus proposed project conditions. There are no onsite receptors that fit this criterion; therefore, no further analysis is required.

As shown in Table 40 and Figure 8, the modeled maximum lifetime excess cancer risk for offsite receptors during existing conditions is more than 100.0 per million. As shown in Table 41 and Figure 13, the modeled maximum lifetime cancer risk for offsite receptors during proposed project conditions would be more than 7.0 per million. Therefore, additional lifetime excess cancer risk analysis was conducted for existing plus proposed project conditions to:

1. Identify the maximum lifetime excess cancer risk contribution from the proposed project for those offsite receptors not located in the APEZ during existing conditions, but which would be located in the APEZ during existing plus proposed project conditions. As shown in Table 42, the modeled excess cancer risk during proposed project conditions for these offsite receptors would be 108.4 per million.
2. Identify the maximum lifetime excess cancer risk contribution from the proposed project for those offsite receptors located in the APEZ during existing conditions and which would continue to be located in the APEZ during existing plus proposed project conditions. As shown in Table 43, the modeled excess cancer risk during proposed project conditions for the offsite receptors located in the APEZ during existing conditions would be 24.4.

Because the project would have a contribution greater than 10.0 per million for those onsite and offsite receptors not in the APEZ during existing conditions, but which would be in the APEZ during existing plus project conditions, a controlled version of the project has been modeled. The controlled lifetime excess cancer risk, which includes implementation of Measures AQ-1.1 through AQ-1.4, AQ-2.1, and AQ-2.3 (see Appendix A), for these onsite and offsite receptors is 24.1 and 8.8, respectively, as shown in Table 44 and Figures 14–16.

Because the project would have a contribution greater than 7.0 per million for those offsite receptors in the APEZ during existing conditions, a controlled version of the project has been modeled. The controlled lifetime excess cancer risk for these offsite receptors is 4.0, as shown in Table 45 and Figures 14–16.

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<sup>91</sup> The onsite receptor locations are different between Tables 40 and 41 because Table 40 shows the receptors with the maximum *existing background* values, and Table 41 shows the receptors with the maximum *project* values. Therefore, the modeled lifetime excess cancer risk at any onsite sensitive receptor during existing plus proposed project conditions would be less than 223.9 because the existing plus project cancer risk at the MIR would be less than the worst-case existing receptor plus the worst-case project receptor.

## 4.3.2 Future Conditions (2025) and Proposed Project

### 4.3.2.1 PM2.5 Analysis

Table 46 presents the modeled annual average PM2.5 exhaust concentrations during future 2025 conditions for both the onsite and offsite MIRs within the study area. During future 2025 conditions, the modeled annual average PM2.5 concentrations for onsite and offsite MIRs are 8.7 and 10.5  $\mu\text{g}/\text{m}^3$ , respectively. Figure 6 identifies the receptors in the study area within the APEZ, along with the onsite and offsite MIRs for the project's contribution.

Table 36 presents the modeled maximum PM2.5 exhaust concentrations from the proposed project at onsite and offsite receptor locations identified in the study area. The modeled annual average PM2.5 concentrations during proposed project conditions for onsite and offsite receptor locations are 2.3 and 0.8  $\mu\text{g}/\text{m}^3$ , respectively. Figure 9 presents these results.

As shown in Table 46 and Table 36, the sum of the modeled maximum annual average PM2.5 exhaust concentrations for the onsite receptor locations during future conditions (8.7  $\mu\text{g}/\text{m}^3$ ) and proposed project conditions (2.3  $\mu\text{g}/\text{m}^3$ ) is greater than 10.0  $\mu\text{g}/\text{m}^3$  ( $8.7 + 2.3 = 11.0$ ).<sup>92</sup> Additional annual average PM2.5 exhaust concentration analysis was conducted for future plus proposed project conditions in order to:

1. Identify the maximum annual average PM2.5 exhaust concentrations contribution from the proposed project for those onsite receptors not located in the APEZ during future conditions without the project, but which would be located in the APEZ during future plus proposed project conditions. As shown in Table 47, the modeled maximum annual average PM2.5 exhaust concentrations during proposed project conditions for these onsite receptors would be 2.3  $\mu\text{g}/\text{m}^3$ .
2. Identify the maximum annual average PM2.5 exhaust concentrations contribution from the proposed project for those onsite receptors located in the APEZ during future conditions and which would continue to be located in the APEZ during future plus proposed project conditions. There are no onsite receptors that fit this criterion; therefore, no further analysis is required.

As shown in Table 46 and Figure 17, the modeled maximum annual average PM2.5 exhaust concentrations for offsite receptors during future conditions are at or near 10.0  $\mu\text{g}/\text{m}^3$ . As shown in Table 36 and Figure 9, the modeled annual average PM2.5 exhaust concentrations for offsite receptors during proposed project conditions would be at or above 0.2  $\mu\text{g}/\text{m}^3$ . Therefore, additional annual average PM2.5 exhaust concentration analysis was conducted for future plus proposed project conditions in order to:

1. Identify the maximum annual average PM2.5 exhaust concentrations contribution from the proposed project for those offsite receptors not located in the APEZ during future conditions without the project, but which would be located in the APEZ during future plus proposed project conditions. There are no offsite receptors that fit this criterion; therefore, no further analysis is required.

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<sup>92</sup> The onsite receptor locations are different between Tables 46 and 36 because Table 46 shows the receptors with the maximum *future background* values, and Table 36 shows the receptors with the maximum *project* values. Therefore, the modeled annual average PM2.5 concentrations at any onsite receptor during future plus proposed project conditions would be less than 11.0  $\mu\text{g}/\text{m}^3$  because the existing plus project values at the MIR would be less than the worst-case existing receptor plus the worst-case project receptor.

2. Identify the maximum annual average PM<sub>2.5</sub> exhaust concentrations contribution from the proposed project for those offsite receptors located in the APEZ during future conditions and which would continue to be located in the APEZ during future plus proposed project conditions. As shown in Table 48, the modeled maximum annual average PM<sub>2.5</sub> exhaust concentrations during proposed project conditions for the offsite receptors located in the APEZ during future conditions would be less than 0.1 µg/m<sup>3</sup>.

Because the project would have a contribution greater than 0.3 µg/m<sup>3</sup> for those onsite receptors not in the APEZ during future conditions without the project but would be within the APEZ during future plus-project conditions, a controlled version of the project has been modeled. The controlled annual average PM<sub>2.5</sub> exhaust concentrations for these onsite receptors would be 0.3 µg/m<sup>3</sup>, as shown in Table 49 and Figures 10–12.

Those locations where the modeled annual average PM<sub>2.5</sub> exhaust concentrations for offsite receptors during proposed project conditions would be at or above 0.2 µg/m<sup>3</sup> are not within the APEZ during future conditions or future plus proposed conditions.

The CRRP background PM<sub>2.5</sub> concentrations shown in the tables and figures as referenced above do not include a number of new construction projects in the study area. These other projects would produce additional PM<sub>2.5</sub> concentrations at the receptors within the study area during construction. The specific projects for which construction risk was not included in the CRRP and the analysis above are as follows (operational mobile-source risks from development growth in Mission Bay were included in the CRRP):

- Parcel 6E
- Parcel 26/27
- Parcel 3E
- Block 6W
- Block 4E
- Blocks 9/9a
- Park P3
- Park P5
- Park P12
- Park P15
- Stormwater pump station #3
- T-Third Boarding Platform
- Third Street & Islais Creek
- SFPUC Power Enterprises

Construction at these locations would result in higher PM<sub>2.5</sub> concentrations for the MIR than the concentrations reported in the tables in this report because emissions from these projects are not included in the background concentrations from the CRRP. However, many of these projects are in the design phase, and no emissions or health risk modeling has been conducted for the projects. Consequently, quantitative concentrations are not available for these projects and were not included in the modeling for this AQTR.

As shown in Table 50, the maximum combined modeled annual average PM<sub>2.5</sub> concentrations for the onsite MIR during the 2025 future (8.7 µg/m<sup>3</sup>) and proposed project conditions under the controlled scenario (0.2 µg/m<sup>3</sup>) is less than 10.0 µg/m<sup>3</sup> (8.7 + 0.2 = 8.9). In order for the project site to be placed into a new APEZ, the additional annual average PM<sub>2.5</sub> concentrations from the missing construction projects would need to be 1.1 µg/m<sup>3</sup>. The contribution to the MIR from the proposed project's construction is 0.2 µg/m<sup>3</sup> (this occurs during 2018 before the project has any operational emissions). The proposed project would be under construction longer than the other projects (6 years), and proposed construction activities would be closer to the onsite MIR compared with the other projects (directly adjacent). In addition, it is speculative to assume that all of the other projects would be constructed the same year that the highest level of emissions from the proposed project would occur. Therefore, it is unlikely that the missing projects would contribute an additional 1.1 µg/m<sup>3</sup> of annual average PM<sub>2.5</sub> concentrations from construction activities to the onsite MIR. Consequently, the project site, in combination with nearby construction projects, is not anticipated to result in a new APEZ with the additional annual average PM<sub>2.5</sub> concentrations.

#### 4.3.2.2 Lifetime Excess Cancer Risk Analysis

Table 51 presents the modeled lifetime excess cancer risk during future 2025 conditions for both the onsite and offsite MIRs within the study area. During future 2025 conditions, the modeled lifetime excess cancer risks for onsite and offsite MIRs are 62.2 per million and 130.6 per million, respectively. Figure 18 identifies the receptors in the study area within the APEZ, along with the onsite and offsite MIRs from the project's contribution.

Table 41 presents the modeled maximum lifetime excess cancer risk from the proposed project at the onsite and offsite receptor locations in the study area. The modeled maximum lifetime excess cancer risks during proposed project conditions for onsite and offsite receptor locations are 140.2 per million and 108.4 per million, respectively. Figure 13 presents these results.

As shown in Table 51 and Table 41, the sum of the modeled lifetime excess cancer risk for the onsite MIR during future conditions (62.2 per million) and proposed project conditions (140.2 per million) is greater than 100.0 per million (62.2 + 140.2 = 202.4).<sup>93</sup> Additional lifetime excess cancer risk analysis was conducted for future plus proposed project conditions in order to:

1. Identify the maximum lifetime excess cancer risk contribution from the proposed project for those onsite receptors that are not located in the APEZ during future conditions without the project but would be located in the APEZ during future plus proposed project conditions. As shown in Table 52, the modeled excess cancer risk during future plus proposed project conditions for these onsite receptors would be 140.2 per million.
2. Identify the maximum lifetime excess cancer risk contribution from the proposed project for those onsite receptors that are located in the APEZ during future conditions and would continue to be located in the APEZ during future plus proposed project conditions. There are no onsite receptors that fit this criteria; therefore, no further analysis is required.

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<sup>93</sup> The onsite receptor locations are different between Tables 49 and 41 because Table 50 shows the receptors with the maximum *future background* values, and Table 41 shows the receptors with the maximum *project* values. Therefore, the modeled lifetime excess cancer risk at any onsite receptor during future plus proposed project conditions would be less than 202.4 µg/m<sup>3</sup>, because the existing plus project values at the MIR would be less than the worst-case existing receptor plus the worst-case project receptor.

As shown in Table 51 and Figure 18, the modeled maximum lifetime excess cancer risks for offsite receptors during future conditions are near 100.0 per million. As shown in Table 41 and Figure 13, the modeled lifetime cancer risk for offsite receptors during proposed project conditions would be more than 7.0 per million. Additional lifetime excess cancer risk analysis was conducted for future plus proposed project conditions in order to:

1. Identify the maximum lifetime excess cancer risk contribution from the proposed project for those offsite receptors not located in the APEZ during future conditions, but which would be located in the APEZ during future plus proposed project conditions. As shown in Table 52, the modeled excess cancer risk during proposed project conditions for these offsite receptors would be 108.4 per million.
2. Identify the maximum lifetime excess cancer risk contribution from the proposed project for those offsite receptors located in the APEZ during future conditions and which would continue to be located in the APEZ during future plus proposed project conditions. As shown in Table 53, the modeled excess cancer risk during proposed project conditions for the offsite receptors located in the APEZ during future conditions would be 18.5 per million.

Because the project would have a contribution greater than 10.0 per million for those onsite and offsite receptors not in the APEZ during future conditions without the project, but which would be within the APEZ during future plus project conditions, a controlled version of the project has been modeled. The controlled lifetime excess cancer risk for these onsite and offsite receptors would be 24.1 and 3.5 per million, respectively, as shown in Table 54 and Figures 14–16.

Because the project would have a contribution greater than 7.0 per million for those offsite receptors in the APEZ during future conditions without the project, a controlled version of the project has been modeled. The controlled lifetime excess cancer risk for these offsite receptors would be 3.2 per million, as shown in Table 55 and Figures 14–16.

The CRRP background lifetime cancer risks do not include a number of new construction projects in the study area, as indicated in section 4.3.1.1 above. Construction at these locations will result in greater lifetime cancer risks for the MIR than reported in the tables in this report, because these concentrations are not included in the background concentrations identified in the CRRP. However, many of these projects are in the design phase and no emissions or health risk modeling has been conducted. Consequently, quantitative lifetime cancer risks are not available for these projects and were not included in the modeling for this AQTR.

As shown in Table 56, the sum of the maximum combined modeled lifetime excess cancer risk for the onsite MIR during the 2025 future (37.8 per million) and proposed project conditions under the controlled scenario (25.9 per million) is less than 100.0 per million ( $37.8 + 25.9 = 63.7$ ). For the project site to be placed into a new APEZ, the additional contribution to lifetime excess cancer risk from the missing construction projects would need to be 36.3 per million. The contribution to the MIR from the proposed project's construction is 25.9 per million. The proposed project would be under construction longer (6 years) than the other construction projects, and proposed construction activities would be closer to the onsite MIR compared with the other projects (directly adjacent). In addition, it is speculative to assume that all of the other projects would be constructed during the same years when the most vulnerable residential sensitive receptors (third trimester and children 0 to 2 years old) would be exposed to emissions from the proposed project. Therefore, it is unlikely that the missing projects would contribute an additional 36.3 per million lifetime excess cancer risk from construction activities to the onsite MIR. Consequently, the project, in combination with nearby construction projects, is not anticipated to result in a new APEZ with the additional lifetime excess cancer risk.

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## Introduction

This appendix describes details for the mass emission modeling and health risk assessment.

## Mass Emissions Methods

### Construction Methods

#### Off-Road Construction Equipment

Criteria pollutants generated by off-road equipment are calculated within CalEEMod, which estimates emissions using Equation 1. A description of variables is provided, along with the units and source (in parenthesis).

**Equation 1**  $E_{\text{phase}} = \sum_i (\text{Activity}_i * EF_i * LF_i * HP_i * \text{Pop}_i) * \text{Conv}$

Where:

$E_{\text{phase}}$	=	Total exhaust emissions for the phase, pounds per day
Activity	=	Equipment activity, hours per day (see Table 4, Mesikepp pers. comm.)
EF	=	Engine emissions factor, grams/horsepower-hour (CalEEMod default)
LF	=	Engine load factor, unitless (Carl Moyer Program, CalEEMod default)
HP	=	Engine horsepower, unitless (see Table 4, Mesikepp pers. comm.)
Pop	=	Number of pieces of each equipment (see Table 4, Mesikepp pers. comm.)
Conv	=	Conversion from grams to pounds, 0.002205 (standard conversion, CalEEMod default)
$i$	=	Equipment type (see Table 4, Mesikepp pers. comm.)

#### In-Water Equipment

Average daily and annual criteria pollutants generated by barge and work boat engines were calculated using Equations 2 and 3, emission factors and methodologies from the ARB,<sup>94</sup> and information provided by the project sponsor.<sup>95</sup> Emissions from the barge and the work boat were added together because the two vessels work in tandem. Annual criteria pollutant emissions were calculated by converting pounds to tons and multiplying the average daily emissions by the number of work days per year the barge and work boat would be utilized. A description of variables is provided, along with the units and source (in parenthesis).

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<sup>94</sup> California Air Resources Board. 2012. *Appendix B: Emissions Estimation Methodology for Commercial Harbor Craft Operating in California*. Available: <<http://www.arb.ca.gov/msei/chc-appendix-b-emission-estimates-ver02-27-2012.pdf>>.

<sup>95</sup> Mesikepp, Sam. Hathaway Dinwiddie Construction Company. September 6, 2016—email communication with ICF.

**Equation 2** **EF= FC \* (1 + [DC ÷ UL] \* DF)**

Where:

- EF = Emission factors with deterioration, grams per horsepower hour
- FC = Fuel correction factor, unitless (ARB 2012, Table II-4)
- DC = Deterioration cap, years (ARB 2012, Table II-2)
- UL = Useful life, years (ARB 2012, Table II-2)
- DF = Deterioration factor, unitless (ARB 2012, Table II-5)

**Equation 3** **E<sub>engine</sub> = Σ<sub>i</sub>(HP<sub>i</sub> \* Load<sub>i</sub> \* Time<sub>i</sub> \* EF<sub>i</sub>) \* Conv**

Where:

- E<sub>engine</sub> = Total exhaust emissions for the engine, pounds per day
- HP = Engine horsepower, horsepower (see Table 5, Mesikepp pers. comm.)
- Load = Engine load factor, unitless (default, ARB 2012)
- Time = Engine use duration, hours per day (see Table 5, Mesikepp pers. comm.)
- EF = Engine emissions factor, grams/hp-hr (default, ARB 2012)
- Conv = Conversion from grams to pounds, 0.002205 pounds per gram (standard conversion)
- i* = Engine type (see Table 5, Mesikepp pers. comm.)

## On-Road Vehicles (Mobile Sources)

### Employee Trips

Criteria pollutants generated by employee commute trips for each phase were calculated using CalEEMod, which estimates emissions using Equation 3. A description of variables is provided, along with the units and source (in parenthesis).

**Equation 3** **E<sub>phase</sub> = Σ<sub>i</sub>(Activity<sub>i</sub> \* Distance<sub>i</sub> \* EF<sub>i</sub> \* Pop<sub>i</sub>) \* Conv**

Where:

- E<sub>phase</sub> = Total exhaust emissions for the phase, pounds per day
- Activity = Vehicle trips, trips per day (see Table 6, Mesikepp pers. comm.)
- Distance = Vehicle length, miles per trip (20.4 miles, Mesikepp pers. comm.)
- EF = Engine emissions factor, grams/mile (CalEEMod default)
- Pop = Number of pieces of each vehicle (see Table 6, Mesikepp pers. comm.)
- Conv = Conversion from grams to pounds, 0.002205 pounds per gram (standard conversion, CalEEMod default)
- I* = Vehicle type

### Offsite Truck Trips

Criteria pollutants generated by offsite vendor and haul truck trips for each phase were calculated using emission factors from EMFAC2014 and Equation 4. A description of variables is provided, along with the units and source (in parenthesis).



**Equation 4** 
$$E_{\text{phase}} = \sum_i (\text{Activity}_i * \text{Distance}_i * \text{EF}_i) * \text{Conv}$$

Where:

- $E_{\text{phase}}$  = Total exhaust emissions for the phase, pounds per day
- Activity = Vehicle trips, trips per day (see Table 6, Mesikepp pers. comm.)
- Distance = Vehicle trip length, miles per trip (20.6 miles, Mesikepp pers. comm.)
- EF = Engine emissions factor, grams/mile (EMFAC2014 default)
- Conv = Conversion from grams to pounds, 0.002205 pounds per gram (standard conversion, CalEEMod default)
- $I$  = Vehicle type

### Onsite Truck Trips

Criteria pollutants generated by onsite haul truck, water/concrete, and personnel trips for each phase were calculated using emission factors from EMFAC2014 and Equation 5. A description of variables is provided, along with the units and source (in parenthesis).

**Equation 5** 
$$E_{\text{phase}} = \sum_i (\text{Activity}_i * \text{Distance}_i * \text{EF}_i) * \text{Conv}$$

Where:

- $E_{\text{phase}}$  = Total exhaust emissions for the phase, pounds per day
- Activity = Vehicle trips, trips per day (see Table 6, Mesikepp pers. comm.)
- Distance = Vehicle length, miles per trip (0.25 mile for dump trucks, 1 mile for water trucks, 20 miles for pickups)
- EF = Engine emissions factor, grams/mile (EMFAC2014 default)
- Conv = Conversion from grams to pounds, 0.002205 pounds per gram (standard conversion, CalEEMod default)
- $I$  = Vehicle type

### Onsite Truck Idling

Criteria pollutants generated by onsite heavy-duty truck idling for each phase were calculated using emission factors from EMFAC2011-HD and Equation 6. A description of variables is provided, along with the units and source (in parenthesis).

**Equation 6** 
$$E_{\text{phase}} = \sum_i (\text{Activity}_i * \text{Time}_i \div \text{Conv}_1 * \text{EF}_i) * \text{Conv}_2$$

Where:

- $E_{\text{phase}}$  = Total exhaust emissions for the phase, pounds per day
- Activity = Vehicle trips, trips per day (see Table 6, Mesikepp pers. comm.)
- Time = Vehicle idle time, minutes per trip (5 minutes, per ARB's ATCM)
- Conv<sub>1</sub> = Conversion from minutes to hours, 60 minutes per hour (standard conversion)
- EF = Idle emissions factor, grams/idle-hour (EMFAC2011-HD default)
- Conv<sub>2</sub> = Conversion from grams to pounds, 0.002205 pounds per gram (standard conversion, CalEEMod default)
- $I$  = Vehicle type

## Asphalt Paving

Evaporative ROG emissions from asphalt paving were estimated using Equation 7 (from CalEEMod). A description of variables is provided, along with the units and source (in parenthesis).

**Equation 7**  $E_{AP} = EF_{AP} * A_{asphalt}$

Where:

- $E_{AP}$  = ROG emissions from asphalt paving, pounds
- $EF_{AP}$  = emission factor, 2.62 pounds ROG/acre (CalEEMod default)<sup>96</sup>
- $A_{asphalt}$  = Area paved with asphalt, acres (Mesikepp pers. comm.)

## Architectural Coatings

Evaporative ROG emissions from application of residential and nonresidential surface coatings were calculated using CalEEMod, which estimates emissions using Equation 8. A description of variables is provided, along with the units and source (in parenthesis).

**Equation 8**  $E_{AC} = EF_{AC} * F * A_{paint}$

Where:

- $E_{AC}$  = ROG emissions from architectural coatings, pounds
- $EF_{AC}$  = emission factor, 0.00463 pounds of ROG/square foot of interior area coated and 0.00695 pounds/square foot of exterior area coated<sup>97</sup>. These emission factors are based on 100 grams per liter VOC content for interior coatings, 150 grams per liter VOC content for exterior coatings, and 180 square feet coated per gallon of paint (CalEEMod defaults for the BAAQMD and construction years 2017-2023).
- $F$  = fraction of surface area, 25 percent for exterior surfaces and 75 percent for interior surfaces (CalEEMod default).<sup>98</sup>
- $A_{paint}$  = building surface area, square feet. CalEEMod assumes the total surface area for painting equals 2.7 times the floor square footage for residential land uses and 2 times the floor square footage for nonresidential land uses.<sup>99</sup> See Table 8 for surface area values.

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<sup>96</sup> ENVIRON International Corporation and the California Air Districts. 2013. CalEEMod User's Guide. Version 2013.2. Appendix A: Calculation Details for CalEEMod. Prepared for the California Air Pollution Control Officers Association. July. Available: <<http://www.aqmd.gov/docs/default-source/caleemod/caleemod-appendixa.pdf?sfvrsn=2>>. Accessed: October 12, 2015.

<sup>97</sup> Sacramento Metropolitan Air Quality Management District. 1994. *Air Quality Thresholds of Significance*. First Edition. Table 5a Asphalt Paving Emissions. Sacramento, CA.

<sup>98</sup> South Coast Air Quality Management District. 1993. *CEQA Air Quality Handbook*. Appendix to Chapter 9: Calculating Procedures. Diamond Bar, CA.

<sup>99</sup> South Coast Air Quality Management District. 1993. *CEQA Air Quality Handbook*. Appendix to Chapter 9: Calculating Procedures. Diamond Bar, CA.

## Operation Methods

### On-Road Vehicles (Mobile Sources)

#### Entrained Road Dust Emissions

Emissions of entrained road dust were calculated using emissions factors from ARB and EPA and Equations 9, 10, and 11. The composite silt loading factor calculated in Equation 11, below, was used to replace the default silt loading factor in CalEEMod. This revised silt loading factor (0.04 g/m<sup>2</sup>) more accurately represents conditions on roadways in San Francisco. A description of variables is provided, along with the units and source (in parenthesis).

$$\text{Equation 9} \quad E = EF_p * \text{Activity} * \text{Distance} * \text{Conv}$$

Where:

- E = Total fugitive road dust emissions, pounds per day
- EF<sub>p</sub> = Emission factor for PM10 and PM2.5, grams per mile (see Equation 10)
- Activity = Vehicle trips, trips per day (see Table 13, Fehr & Peers 2016)
- Distance = Vehicle trip length, miles per trip (see Table 12, Fehr & Peers 2016)
- Conv = Conversion from grams to pounds, 0.002205 pounds per gram (standard conversion, CalEEMod default)
- p = Pollutant (PM10 and PM2.5)

$$\text{Equation 10} \quad EF_p = [k * (sL)^{0.91} * (W)^{1.02}] * [1 - 1.2 * (P \div N)]$$

Where:

- EF<sub>p</sub> = Emission factor for PM10 and PM2.5, grams per mile (USEPA 2011)<sup>100</sup>
- k<sub>p</sub> = particle size multiplier, 1 for PM10 and 0.25 for PM2.5 (USEPA 2011)<sup>101</sup>
- sL = Road surface silt loading, grams per square meter (see Equation 10)
- W = Average weight of the vehicles traveling the road, 2.4 tons (ARB 2014)<sup>102</sup>
- P = Number of "wet" days with at least 0.254 mm (0.01 in) of precipitation during the averaging period, 67 days (ARB 2014)<sup>103</sup>
- N = Number of days in the averaging period, 365 days
- p = Pollutant (PM10 and PM2.5)

<sup>100</sup> United States Environmental Protection Agency. 2011. *AP-42, Compilation of Air Pollutant Emission Factors, Fifth Edition, Volume I, Chapter 13: Miscellaneous Sources. Section 13.2.1 Paved Roads.* Equation 3. January. Available: <<https://www3.epa.gov/ttn/chief/ap42/ch13/final/c13s0201.pdf>. Accessed: December 2, 2016.

<sup>101</sup> United States Environmental Protection Agency. 2011. *AP-42, Compilation of Air Pollutant Emission Factors, Fifth Edition, Volume I, Chapter 13: Miscellaneous Sources. Section 13.2.1 Paved Roads.* Table 13.2.1-1. January. Available: <https://www3.epa.gov/ttn/chief/ap42/ch13/final/c13s0201.pdf>. Accessed: December 2, 2016.

<sup>102</sup> California Air Resources Board. 2014. *Miscellaneous Process Methodology 7.9 Entrained Road Travel, Paved Road Dust.* Table 9. Last revised: April. Available: [https://www.arb.ca.gov/ei/areasrc/fullpdf/full7-9\\_2014.pdf](https://www.arb.ca.gov/ei/areasrc/fullpdf/full7-9_2014.pdf). Accessed: December 2, 2016.

<sup>103</sup> California Air Resources Board. 2014. *Miscellaneous Process Methodology 7.9 Entrained Road Travel, Paved Road Dust.* Table 10. Last revised: April. Available: [https://www.arb.ca.gov/ei/areasrc/fullpdf/full7-9\\_2014.pdf](https://www.arb.ca.gov/ei/areasrc/fullpdf/full7-9_2014.pdf). Accessed: December 2, 2016.

**Equation 11**  $sL = \sum_i(TF_i * sL_i)$

Where:

- sL = Road surface silt loading, grams per square meter
- TF<sub>i</sub> = Travel fraction by road type, percentage (ARB 2014)<sup>104</sup>
- sL<sub>i</sub> = Road surface silt loading by road type, grams per square meter (ARB 2014)<sup>105</sup>
- i = Road type (for freeway, major, collector, and local road)

### Deliveries to the Pier 48 Brewery

Criteria pollutants generated by Pier 48 delivery trucks were calculated using emissions factors from EMFAC2014 and Equation 12. A description of variables is provided, along with the units and source (in parenthesis).

**Equation 12**  $E = \text{Activity} * \text{Distance} * \text{EF} * \text{Conv}$

Where:

- E = Total exhaust emissions, pounds per day
- Activity = Vehicle trips, 38 trips per day (see Table 13, Fehr & Peers. 2016)
- Distance = Vehicle trip length, 12.1 miles per trip (CalEEMod default)
- EF = Engine emissions factor for heavy-duty vehicles, grams/mile (EMFAC2014)
- Conv = Conversion from grams to pounds, 0.002205 pounds per gram (standard conversion, CalEEMod default)

### Deliveries to Residential and Nonresidential Land Uses

Criteria pollutants generated by truck trips for deliveries to residential and nonresidential land uses were calculated using emissions factors from EMFAC2014 and Equation 13. A description of variables is provided, along with the units and source (in parenthesis).

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<sup>104</sup> California Air Resources Board. 2014. *Miscellaneous Process Methodology 7.9 Entrained Road Travel, Paved Road Dust*. Table 8. Last revised: April. Available: [https://www.arb.ca.gov/ei/areasrc/fullpdf/full7-9\\_2014.pdf](https://www.arb.ca.gov/ei/areasrc/fullpdf/full7-9_2014.pdf). Accessed: December 2, 2016.

<sup>105</sup> California Air Resources Board. 2014. *Miscellaneous Process Methodology 7.9 Entrained Road Travel, Paved Road Dust*. Table 9. Last revised: April. Available: [https://www.arb.ca.gov/ei/areasrc/fullpdf/full7-9\\_2014.pdf](https://www.arb.ca.gov/ei/areasrc/fullpdf/full7-9_2014.pdf). Accessed: December 2, 2016.

**Equation 13**  **$E = \text{Activity} * \text{Distance} * \text{EF} * \text{Conv}$**

Where:

- E = Total exhaust emissions, pounds per day
- Activity = Vehicle trips, 38 trips per day (see Table 13, Fehr & Peers. 2016)
- Distance = Vehicle trip length, 12.1 miles per trip (CalEEMod default)
- EF = Weighted engine emissions factor for the following vehicle types: light heavy-duty trucks 1 (LHDT1), light heavy-duty trucks 2 (LHDT2), medium-duty vehicles (MDV), and medium heavy-duty trucks (MHDT), grams/mile (EMFAC2014)
- Conv = Conversion from grams to pounds, 0.002205 pound per gram (standard conversion, CalEEMod default)

**Truck Idling**

Criteria pollutants generated by Pier 48 delivery truck idling were calculated using emissions factors from EMFAC2011-HD and Equation 14. A description of variables is provided, along with the units and source (in parenthesis).

**Equation 14**  **$E = \text{Activity} * \text{Time} \div \text{Conv}_1 * \text{EF} * \text{Conv}_2$**

Where:

- E = Total exhaust emissions for the phase, pounds per day
- Activity = Vehicle trips, 38 trips per day (see Table 13, Fehr & Peers. 2016)
- Time = Vehicle idle time, minutes per trip (5 minutes, per ARB’s ATCM)
- Conv<sub>1</sub> = Conversion from minutes to hours, 60 minutes per hour (standard conversion)
- EF = Idle emissions factor, grams/idle-hour (EMFAC2011-HD default)
- Conv<sub>2</sub> = Conversion from grams to pounds, 0.002205 pound per gram (standard conversion, CalEEMod default)

**Consumer Products**

Fugitive ROG emissions from consumer products were calculated using Equation 15. A description of variables is provided, along with the units and source (in parenthesis).

**Equation 15**  **$E = \text{EF} * \text{F} * \text{A}$**

Where:

- E = ROG emissions from consumer products, pounds per day
- EF = emissions factor, 1.5\*10<sup>-5</sup> pounds of ROG per square foot per day (Kirk pers. comm.)<sup>106</sup>
- A = building floor area, square feet (see Table 9, Hall pers. comm.).

<sup>106</sup> Kirk, Allison. Bay Area Air Quality Management District. March 29, 2014—email communication with San Francisco Environmental Planning Department.

## Emergency Diesel Generators

Criteria pollutants generated by emergency diesel generators are calculated using Equation 16. A description of variables is provided, along with the units and source (in parenthesis).

**Equation 16**  **$E = N * EF * LF * HP * Conv$**

Where:

$E_p$	=	Total exhaust emissions by pollutant, pounds per day
$N$	=	Number of emergency generators (see Table 14, Mesikepp pers. comm.)
$EF_p$	=	Engine emissions factor by pollutant, grams/horsepower-hour (ARB ATCM, model year 2008 or newer) <sup>107</sup>
$LF$	=	Engine load factor = 0.74, unitless (Carl Moyer Program, CalEEMod default)
$HP$	=	Engine horsepower = 2,000 (see Table 14, Mesikepp pers. comm.)
$Conv$	=	Conversion from grams to pounds, 0.002205 (standard conversion)

Because the ATCM does not have emissions standards for PM10 or PM2.5, the total PM emissions standard was multiplied by 0.976 to determine the PM10 emission rate, and the PM10 emissions rate was multiplied by 0.991 to determine the PM2.5 emission rate (for internal-combustion engines, distillate, and diesel-except electric generation).<sup>108</sup>

## Controlled Emissions: Measures to Reduce Project Impacts

### Construction

The effect of measures to reduce project construction emissions was also modeled in CalEEMod and EMFAC2014 as the controlled version of the project. These measures to reduce proposed project impacts include engine controls and VOC emission controls, and are described in detail below.

- **Measure AQ-1.1:** All off-road equipment was modeled with Tier 4 interim engines (see Appendix B for the CalEEMod outputs).<sup>109</sup>

<sup>107</sup> California Air Resources Board. 2011. *Airborne Toxic Control Measure for Stationary Compression Ignition Engines*. Final Regulation Order. Section 93115, Table 1. Available: <<https://www.arb.ca.gov/diesel/documents/FinalReg2011.pdf>>. Accessed: October 11, 2016.

<sup>108</sup> South Coast Air Quality Management District. 2006. *Final – Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds*. Appendix A – Updated CEIDARS List with PM2.5 Fractions. October. Available: <[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](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: October 12, 2016.

<sup>109</sup> The BAAQMD has indicated that overall availability of new Tier 4 Final engines exists in the Bay Area. However, this analysis assumes the use of Tier 4 Interim engines for construction equipment because it is still uncertain if the project sponsor can use Tier 4 Final engines for the entire construction fleet during all years of construction. The modeled Tier 4 interim scenario represents a more conservative estimate of emissions (i.e., fewer reductions and, therefore, higher emissions were reported in the modeling by using Tier 4 Interim rather than Tier 4 Final engines).

- **Measure AQ-1.2:** Emissions from offsite and onsite truck trips were modeled using the exhaust emissions factors from EMFAC2014, version 1.0.7, for heavy heavy-duty trucks, model year 2010 and newer, operating during construction (calendar years 2017 through 2023). This applies to all offsite and onsite haul trucks, water trucks, dump trucks, and concrete trucks. See Appendix B for the calculations.
- **Measure AQ-1.3:** 90 percent of all architectural coatings, in the aggregate, were assumed to meet a 10 grams VOC per liter standard. Total ROG emissions from the architectural coating phases were multiplied by 0.9 to first determine the portion of applicable coatings and then by 0.9, which represents the percentage reduction in ROG emissions associated with this measure (the default CalEEMod VOC content is 100 grams per liter; CalEEMod does not have an architectural coating mitigation measure for construction phases) (see Appendix B for the calculations).
- **Measure AQ-1.4:** Construction barge engines were modeled with USEPA Tier 3 engines, and the construction work boat was modeled using model year 2005–2008 engine emissions factors (see Appendix B for the calculations).

## Operation

The effect of measures to reduce project operational emissions was also modeled in CalEEMod as the controlled version of the project. These measures to reduce project impacts are described in detail below.

- **Measure AQ-2.1:** All emergency generators were modeled to have model year 2008 or newer engines, consistent with ARB ATCM emissions rates<sup>110</sup> that also meet (at minimum) USEPA Tier 2 standards (Title 40, Chapter I, Subchapter C, Part 89, Subpart B, of the Code of Federal Regulations)<sup>111</sup> plus Level 3 off-road diesel vehicle regulations and Verified Diesel Emissions Control Strategies (VDECS). The Level 3 VDECS requires particulate matter emissions to be 85 percent lower than uncontrolled emissions; therefore, Tier 2 PM<sub>10</sub> and PM<sub>2.5</sub> emissions rates were multiplied by 0.15 to determine controlled emissions rates.<sup>112</sup> The ATCM emissions rates for model year 2008 or newer engines for ROG and NO<sub>x</sub> are lower than the USEPA Tier 2 emission rates used for uncontrolled emissions; therefore, the ATCM emissions rates were used for these pollutants (see Appendix B for the calculations).
- **Measure AQ-2.2:** 90 percent of all architectural coatings were assumed to meet a 10 grams VOC per liter standard. This value was entered into CalEEMod for residential and nonresidential exterior and interior coatings (default values are 100 grams per liter for interior coatings and 150 grams per liter for exterior coatings) (see Appendix B for the calculations).

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<sup>110</sup> California Air Resources Board. 2011. *Airborne Toxic Control Measure for Stationary Compression Ignition Engines*. Final Regulation Order. Section 93115, Table 1. Available: <<https://www.arb.ca.gov/diesel/documents/FinalReg2011.pdf>>. Accessed: October 11, 2016.

<sup>111</sup> United States Environmental Protection Agency. 2009b. *Electronic Code of Federal Regulations: Title 40, Chapter I, Subchapter C, Part 89, Subpart B*. Section 89.112. Oxides of nitrogen, carbon monoxide, hydrocarbon, and particulate matter exhaust emissions standards. Available: <[http://www.ecfr.gov/cgi-bin/text-idx?SID=f2b7a6a799b1813bbe7f4c0061d43d83&mc=true&node=sp40.22.89.b&rgn=div6#se40.22.89\\_1112](http://www.ecfr.gov/cgi-bin/text-idx?SID=f2b7a6a799b1813bbe7f4c0061d43d83&mc=true&node=sp40.22.89.b&rgn=div6#se40.22.89_1112)>. Accessed: October 13, 2016.

<sup>112</sup> California Air Resources Board. 2014. *Verified Retrofits for Off-Road Diesel Vehicles*. Available: <<https://www.arb.ca.gov/msprog/ordiesel/vdecs.htm>>. Accessed: October 12, 2016.

- **Measure AQ-2.3:** Mobile-source emissions from autos (not trucks) were reduced by 20 percent to account for the Transportation Demand Management plan performance standard (see Appendix B for the calculations).

In addition, project design features from the Sustainability Plan, including building energy efficiency measures (EEMs), are included in the mitigated scenario for operational emissions. The building EEMs result in specific electricity and natural gas intensities for each land use type under the “Performance Options” scenario, as specified in the Sustainability Plan.<sup>113</sup> The natural gas intensities from the Performance Options scenario were used for mitigated emissions and modeled in CalEEMod.<sup>114</sup>

## Health Risk Assessment Methods

### Risk Calculations

Cancer risk as a result of exposure to DPM, which occurs exclusively through the inhalation pathway, was calculated according to the following steps and equations. A description of variables for each equation is provided, along with the units and source (in parenthesis).

#### 1. Calculate dose through inhalation:

**Equation 5b:**            **Dose-air =  $C_{air} * \{BR/BW\} * A * EF * 10^{-6}$**

Where:

Dose-air	=	Dose through inhalation, mg/kg/d (calculated)
$C_{air}$	=	Average annual concentration in air of DPM, $\mu\text{g}/\text{m}^3$ , (AERMOD)
$\{BR/BW\}$	=	Daily breathing rate normalized to body weight, L/kg body weight-day, (see Table 18)
A	=	Inhalation absorption factor, 1 <sup>115</sup>
EF	=	Exposure frequency, unitless; days/365 days (see Table 18)
$10^{-6}$	=	micrograms to milligrams conversion; liters to cubic meters conversion; <sup>116, 117</sup>

<sup>113</sup> Atelier Ten. 2014. Draft Sustainability Plan. 4194 Mission Rock. March 5. San Francisco, CA.

<sup>114</sup> The natural gas intensities used in the modeling are (uncontrolled/controlled): 480/360 kBtu/unit for residential, 1.22/0.63 kBtu/ft<sup>2</sup> for commercial - office, 7.11/7.11 kBtu/ft<sup>2</sup> for commercial - general/retail, 154.58/142.72 kBtu/ft<sup>2</sup> for sit-down restaurant, 278.66/257.27 kBtu/ft<sup>2</sup> for quick service restaurant, 18.78/18.78 kBtu/ft<sup>2</sup> for pier 48 - brewery/distillery, 7.11/7.11 kBtu/ft<sup>2</sup> for pier 48 - brewery retail/exhibition, and 179.4/165.63 kBtu/ft<sup>2</sup> for pier 48 - brewery restaurant.

<sup>115</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

<sup>116</sup> Bay Area Air Quality Management District. 2012a. Recommended Methods for Screening and Modeling Local Risks and Hazards. May. Available: <<http://www.baaqmd.gov/~media/Files/Planning%20and%20Research/CEQA/Risk%20Modeling%20Approach%20May%202012.ashx?la=en>>. Accessed: August 11, 2015.

<sup>117</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.



## 2. Calculate cancer risk as potential chances per million.

**Equation 6b:**  $\text{Risk}_{\text{inh-res}} = \text{DOSE}_{\text{air}} * \text{CPF} * \text{ASF} * \text{ED} \div \text{AT} * \text{FAH} * 10^6$

Where:

- $\text{Risk}_{\text{inh-res}}$  = inhalation cancer risk, potential chances per million (calculated)
- $\text{DOSE}_{\text{air}}$  = daily inhalation dose, mg/kg-day (Equations 5a and 5b above)
- CPF = Inhalation Cancer Potency Factor, 1.1 mg/kg-day;<sup>118, 119</sup>
- ASF = Age Sensitivity Factor for a specified age group, unitless (see Table 20)
- ED = Exposure Duration for a specified age group, years (see Table 20)
- AT = Averaging Time for lifetime cancer risk, 70 years or 25,500 days;<sup>120, 121</sup>
- FAH = Fraction of time spent at home, unitless; (see Table 20)
- $10^6$  = million, unitless (to calculate cancer risk in “chances per million”)

## 3. Calculate PM2.5 concentrations:

**Equation 8:**  $\text{Annual PM2.5} = \text{Cair}_{\text{PM2.5E}}$

Where:

- $\text{Cair}_{\text{PM2.5E}}$  = Average annual PM2.5 exhaust concentration in air,  $\mu\text{g}/\text{m}^3$  (AERMOD)

Once health risks and PM2.5 data were derived for each construction and operation scenario using the above equations, they were added to the CRRP – HRA database (year 2014 for construction; year 2014 and year 2040 for operation) for the receptors with the highest project-related health risks and exposure to the greatest PM2.5 concentrations.

<sup>118</sup> Bay Area Air Quality Management District. 2012a. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. May. Available:

<<http://www.baaqmd.gov/~media/Files/Planning%20and%20Research/CEQA/Risk%20Modeling%20Approach%20May%202012.ashx?la=en>>. Accessed: August 11, 2015.

<sup>119</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

<sup>120</sup> Bay Area Air Quality Management District. 2012a. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. May. Available:

<<http://www.baaqmd.gov/~media/Files/Planning%20and%20Research/CEQA/Risk%20Modeling%20Approach%20May%202012.ashx?la=en>>. Accessed: August 11, 2015.

<sup>121</sup> 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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015.

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## **Introduction**

This appendix includes the modeling file outputs from EMFAC2014, CalEEMod, and AERMOD. Output files are organized by model and model run (e.g. construction, operation, Area 1, etc.).

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# Appendix B

## Model Outputs and Emission Calculations

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### Table of Contents:

Part 1. EMFAC Model Outputs

Part 2. CalEEMod Model Outputs

1. Construction

2. Operation

a. Area 1 | Assumption A

b. Area 1 | Assumption B

c. Area 2 | Assumption A

d. Area 2 | Assumption B

e. Area 3 | Assumption A

f. Area 3 | Assumption B

g. Area 4 | Assumption A

h. Area 4 | Assumption B

Part 3. AERMOD Model Outputs

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2. Operation

Part 4. Emission Calculations

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a. Architectural Coatings

b. Asphalt

c. Barge and Work Boat

d. Truck Idling

e. Offsite Trucks

f. Offsite Trucks - Model Year 2010

g. Onsite Trucks

h. Onsite Trucks - Model Year 2010

2. Operation

- a. Brewery
- b. Consumer Products
- c. Emergency Generators
- d. Haul Trucks
- e. Truck Trips

3. Additional Calculations

- a. AERMOD Roadway Segment Scaling Factors

Part 1  
**EMFAC Model Outputs**

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EMFAC2011 Emission Rates

Region Type: County

Region: San Francisco

Calendar Year: 2020

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Region	CalYr	Season	Veh_Class	Fuel	VTM (miles/day)	Trips (trips/day)	PM10_RUNEX (gms/mile)	PM10_IDLEX (gms/vehicle/day)	PM10_STREX (gms/vehicle/day)	PM10_PMTW (gms/mile)	PM10_PMBW (gms/mile)	PM2_5_RU (gms/mile)	PM2_5_IDIPM2_5_STIPM2_5_PN (gms/vehic)	PM2_5_PNSOX (gms/mile)	RUNE (gms/mile)	IDLEX (gms/vehic)	SOX (gms/vehic)	SOX_STREX (gms/vehic)	
San Francis	2020 Annual	LDA	GAS		9056506	1741802	0.002161776	0	0.021901162	0.007999958	0.036749815	0.002005	0	0.020313	0.002	0.01575	0.003744	0	0.004839
San Francis	2020 Annual	LDA	DSL		43348.58	8632.243	0.016241874	0	0	0.007999958	0.036749815	0.014943	0	0	0.002	0.01575	0.003132	0	0
San Francis	2020 Annual	LDT1	GAS		842210.3	162179	0.003495702	0	0.02622574	0.007999958	0.036749814	0.003242	0	0.024326	0.002	0.01575	0.004336	0	0.005561
San Francis	2020 Annual	LDT1	DSL		1304.449	235.2985	0.035099497	0	0	0.007999958	0.036749814	0.032292	0	0	0.002	0.01575	0.003174	0	0
San Francis	2020 Annual	LDT2	GAS		2132807	397531.9	0.002123986	0	0.02083288	0.007999959	0.036749817	0.00197	0	0.019327	0.002	0.01575	0.005099	0	0.006565
San Francis	2020 Annual	LDT2	DSL		1225.466	227.46	0.020142911	0	0	0.007999958	0.036749816	0.018531	0	0	0.002	0.01575	0.003143	0	0
San Francis	2020 Annual	LHD1	GAS		306683.2	118642.8	0.001863012	0	0.016599159	0.007999958	0.036749816	0.001728	0	0.015392	0.002	0.01575	0.009729	0.001228	0.010269
San Francis	2020 Annual	LHD1	DSL		68193.84	22208.56	0.042299172	0.028505037	0	0.011999938	0.076439598	0.038915	0.026225	0	0.003	0.03276	0.00498	0.001353	0
San Francis	2020 Annual	LHD2	GAS		24133.41	9357.234	0.001731336	0	0.015310431	0.007999958	0.036749815	0.001606	0	0.014206	0.002	0.01575	0.009727	0.001229	0.010325
San Francis	2020 Annual	LHD2	DSL		23093.01	7681.478	0.041690462	0.030160948	0	0.011999938	0.089179534	0.038355	0.027748	0	0.003	0.03822	0.005005	0.001353	0
San Francis	2020 Annual	MCY	GAS		148540.1	34280.85	0.000331636	0	0.002154721	0.007999931	0.036749641	0.000278	0	0.001774	0.002	0.01575	0.001998	0	0.001345
San Francis	2020 Annual	MDV	GAS		1111609	191365.3	0.002460276	0	0.021291608	0.007999959	0.036749815	0.002278	0	0.019722	0.002	0.01575	0.006515	0	0.008359
San Francis	2020 Annual	MDV	DSL		2254.846	373.8967	0.021371719	0	0	0.007999959	0.036749816	0.019662	0	0	0.002	0.01575	0.003138	0	0
San Francis	2020 Annual	MH	GAS		6343.72	50.13228	0.001588235	0	0.000103948	0.007999958	0.036749816	0.001464	0	9.48E-05	0.002	0.01575	0.006812	0	5.34E-05
San Francis	2020 Annual	MH	DSL		857.5835	7.041207	0.16383879	0	0	0.011999939	0.130339311	0.150732	0	0	0.003	0.05586	0.011535	0	0
San Francis	2020 Annual	OBUS	GAS		19299.73	19143.47	0.000493544	0	0.024190881	0.007999958	0.036749815	0.000458	0	0.022445	0.002	0.01575	0.006794	0.004301	0.025197
San Francis	2020 Annual	OBUS	DSL		25801.41	0	0.06006389	0.062749983	0	0.011999937	0.130339319	0.055259	0.05773	0	0.003	0.05586	0.013904	0.037268	0
San Francis	2020 Annual	SBUS	GAS		2685.282	243.8659	0.001251025	0	0.004929126	0.007999959	0.036749815	0.001161	0	0.004573	0.002	0.01575	0.007463	0	0.006502
San Francis	2020 Annual	SBUS	DSL		4943.417	0	0.059707176	0.085487339	0	0.011999937	0.744796108	0.054931	0.078648	0	0.003	0.319198	0.012319	0.036864	0
San Francis	2020 Annual	T6	GAS		54580.16	23931.05	0.000867682	0	0.036934195	0.007999958	0.036749816	0.000805	0	0.034268	0.002	0.01575	0.006801	0.00275	0.017267
San Francis	2020 Annual	T6	DSL		322915.1	0	0.051892416	0.013964447	0	0.011999937	0.130339319	0.047741	0.012847	0	0.003	0.05586	0.011218	0.007104	0
San Francis	2020 Annual	T7	GAS		6126.477	937.6195	0.000357774	0	0.032031649	0.007999959	0.036749818	0.000328	0	0.028379	0.002	0.01575	0.006287	0	0.034507
San Francis	2020 Annual	T7	DSL		52148.75	0	0.07487684	0.220165079	0	0.03517255	0.060320923	0.068887	0.202552	0	0.008793	0.025852	0.016612	0.117272	0
San Francis	2020 Annual	UBUS	GAS		9827.68	300.7298	0.005718541	0	0.029015202	0.007999959	0.036749817	0.005306	0	0.026921	0.002	0.01575	0.007973	0	0.011592
San Francis	2020 Annual	UBUS	DSL		147281.3	4506.85	0.170310504	0	0	0.007999958	0.841815675	0.156686	0	0	0.002	0.360778	0.02338	0	0



EMFAC2014 (v1.0.7) Emissions Inventory

Region Type: County

Region: San Francisco

Calendar Year: 2020, 2021, 2022, 2023, 2024

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Trips	ROG	RUN1ROG	IDLE1ROG	STRE1ROG	TOTE1ROG	DIUR1ROG	HTSK1ROG	RUN1ROG	REST1ROG	TOTA1ROG	RUN2ROG	IDLE2ROG	STRE2ROG	TOTE2ROG	DIUR2ROG	HTSK2ROG	RUN2ROG	REST2ROG	TOTA2ROG	RUN3ROG	IDLE3ROG	STRE3ROG	TOTE3ROG	DIUR3ROG	HTSK3ROG	RUN3ROG	REST3ROG	TOTA3ROG	RUN4ROG	IDLE4ROG	STRE4ROG	TOTE4ROG	DIUR4ROG	HTSK4ROG	RUN4ROG	REST4ROG	TOTA4ROG	RUN5ROG	IDLE5ROG	STRE5ROG	TOTE5ROG	DIUR5ROG	HTSK5ROG	RUN5ROG	REST5ROG	TOTA5ROG	RUN6ROG	IDLE6ROG	STRE6ROG	TOTE6ROG	DIUR6ROG	HTSK6ROG	RUN6ROG	REST6ROG	TOTA6ROG	RUN7ROG	IDLE7ROG	STRE7ROG	TOTE7ROG	DIUR7ROG	HTSK7ROG	RUN7ROG	REST7ROG	TOTA7ROG	RUN8ROG	IDLE8ROG	STRE8ROG	TOTE8ROG	DIUR8ROG	HTSK8ROG	RUN8ROG	REST8ROG	TOTA8ROG	RUN9ROG	IDLE9ROG	STRE9ROG	TOTE9ROG	DIUR9ROG	HTSK9ROG	RUN9ROG	REST9ROG	TOTA9ROG	RUN10ROG	IDLE10ROG	STRE10ROG	TOTE10ROG	DIUR10ROG	HTSK10ROG	RUN10ROG	REST10ROG	TOTA10ROG	RUN11ROG	IDLE11ROG	STRE11ROG	TOTE11ROG	DIUR11ROG	HTSK11ROG	RUN11ROG	REST11ROG	TOTA11ROG	RUN12ROG	IDLE12ROG	STRE12ROG	TOTE12ROG	DIUR12ROG	HTSK12ROG	RUN12ROG	REST12ROG	TOTA12ROG	RUN13ROG	IDLE13ROG	STRE13ROG	TOTE13ROG	DIUR13ROG	HTSK13ROG	RUN13ROG	REST13ROG	TOTA13ROG	RUN14ROG	IDLE14ROG	STRE14ROG	TOTE14ROG	DIUR14ROG	HTSK14ROG	RUN14ROG	REST14ROG	TOTA14ROG	RUN15ROG	IDLE15ROG	STRE15ROG	TOTE15ROG	DIUR15ROG	HTSK15ROG	RUN15ROG	REST15ROG	TOTA15ROG	RUN16ROG	IDLE16ROG	STRE16ROG	TOTE16ROG	DIUR16ROG	HTSK16ROG	RUN16ROG	REST16ROG	TOTA16ROG	RUN17ROG	IDLE17ROG	STRE17ROG	TOTE17ROG	DIUR17ROG	HTSK17ROG	RUN17ROG	REST17ROG	TOTA17ROG	RUN18ROG	IDLE18ROG	STRE18ROG	TOTE18ROG	DIUR18ROG	HTSK18ROG	RUN18ROG	REST18ROG	TOTA18ROG	RUN19ROG	IDLE19ROG	STRE19ROG	TOTE19ROG	DIUR19ROG	HTSK19ROG	RUN19ROG	REST19ROG	TOTA19ROG	RUN20ROG	IDLE20ROG	STRE20ROG	TOTE20ROG	DIUR20ROG	HTSK20ROG	RUN20ROG	REST20ROG	TOTA20ROG	RUN21ROG	IDLE21ROG	STRE21ROG	TOTE21ROG	DIUR21ROG	HTSK21ROG	RUN21ROG	REST21ROG	TOTA21ROG	RUN22ROG	IDLE22ROG	STRE22ROG	TOTE22ROG	DIUR22ROG	HTSK22ROG	RUN22ROG	REST22ROG	TOTA22ROG	RUN23ROG	IDLE23ROG	STRE23ROG	TOTE23ROG	DIUR23ROG	HTSK23ROG	RUN23ROG	REST23ROG	TOTA23ROG	RUN24ROG	IDLE24ROG	STRE24ROG	TOTE24ROG	DIUR24ROG	HTSK24ROG	RUN24ROG	REST24ROG	TOTA24ROG	RUN25ROG	IDLE25ROG	STRE25ROG	TOTE25ROG	DIUR25ROG	HTSK25ROG	RUN25ROG	REST25ROG	TOTA25ROG	RUN26ROG	IDLE26ROG	STRE26ROG	TOTE26ROG	DIUR26ROG	HTSK26ROG	RUN26ROG	REST26ROG	TOTA26ROG	RUN27ROG	IDLE27ROG	STRE27ROG	TOTE27ROG	DIUR27ROG	HTSK27ROG	RUN27ROG	REST27ROG	TOTA27ROG	RUN28ROG	IDLE28ROG	STRE28ROG	TOTE28ROG	DIUR28ROG	HTSK28ROG	RUN28ROG	REST28ROG	TOTA28ROG	RUN29ROG	IDLE29ROG	STRE29ROG	TOTE29ROG	DIUR29ROG	HTSK29ROG	RUN29ROG	REST29ROG	TOTA29ROG	RUN30ROG	IDLE30ROG	STRE30ROG	TOTE30ROG	DIUR30ROG	HTSK30ROG	RUN30ROG	REST30ROG	TOTA30ROG	RUN31ROG	IDLE31ROG	STRE31ROG	TOTE31ROG	DIUR31ROG	HTSK31ROG	RUN31ROG	REST31ROG	TOTA31ROG	RUN32ROG	IDLE32ROG	STRE32ROG	TOTE32ROG	DIUR32ROG	HTSK32ROG	RUN32ROG	REST32ROG	TOTA32ROG	RUN33ROG	IDLE33ROG	STRE33ROG	TOTE33ROG	DIUR33ROG	HTSK33ROG	RUN33ROG	REST33ROG	TOTA33ROG	RUN34ROG	IDLE34ROG	STRE34ROG	TOTE34ROG	DIUR34ROG	HTSK34ROG	RUN34ROG	REST34ROG	TOTA34ROG	RUN35ROG	IDLE35ROG	STRE35ROG	TOTE35ROG	DIUR35ROG	HTSK35ROG	RUN35ROG	REST35ROG	TOTA35ROG	RUN36ROG	IDLE36ROG	STRE36ROG	TOTE36ROG	DIUR36ROG	HTSK36ROG	RUN36ROG	REST36ROG	TOTA36ROG	RUN37ROG	IDLE37ROG	STRE37ROG	TOTE37ROG	DIUR37ROG	HTSK37ROG	RUN37ROG	REST37ROG	TOTA37ROG	RUN38ROG	IDLE38ROG	STRE38ROG	TOTE38ROG	DIUR38ROG	HTSK38ROG	RUN38ROG	REST38ROG	TOTA38ROG	RUN39ROG	IDLE39ROG	STRE39ROG	TOTE39ROG	DIUR39ROG	HTSK39ROG	RUN39ROG	REST39ROG	TOTA39ROG	RUN40ROG	IDLE40ROG	STRE40ROG	TOTE40ROG	DIUR40ROG	HTSK40ROG	RUN40ROG	REST40ROG	TOTA40ROG	RUN41ROG	IDLE41ROG	STRE41ROG	TOTE41ROG	DIUR41ROG	HTSK41ROG	RUN41ROG	REST41ROG	TOTA41ROG	RUN42ROG	IDLE42ROG	STRE42ROG	TOTE42ROG	DIUR42ROG	HTSK42ROG	RUN42ROG	REST42ROG	TOTA42ROG	RUN43ROG	IDLE43ROG	STRE43ROG	TOTE43ROG	DIUR43ROG	HTSK43ROG	RUN43ROG	REST43ROG	TOTA43ROG	RUN44ROG	IDLE44ROG	STRE44ROG	TOTE44ROG	DIUR44ROG	HTSK44ROG	RUN44ROG	REST44ROG	TOTA44ROG	RUN45ROG	IDLE45ROG	STRE45ROG	TOTE45ROG	DIUR45ROG	HTSK45ROG	RUN45ROG	REST45ROG	TOTA45ROG	RUN46ROG	IDLE46ROG	STRE46ROG	TOTE46ROG	DIUR46ROG	HTSK46ROG	RUN46ROG	REST46ROG	TOTA46ROG	RUN47ROG	IDLE47ROG	STRE47ROG	TOTE47ROG	DIUR47ROG	HTSK47ROG	RUN47ROG	REST47ROG	TOTA47ROG	RUN48ROG	IDLE48ROG	STRE48ROG	TOTE48ROG	DIUR48ROG	HTSK48ROG	RUN48ROG	REST48ROG	TOTA48ROG	RUN49ROG	IDLE49ROG	STRE49ROG	TOTE49ROG	DIUR49ROG	HTSK49ROG	RUN49ROG	REST49ROG	TOTA49ROG	RUN50ROG	IDLE50ROG	STRE50ROG	TOTE50ROG	DIUR50ROG	HTSK50ROG	RUN50ROG	REST50ROG	TOTA50ROG	RUN51ROG	IDLE51ROG	STRE51ROG	TOTE51ROG	DIUR51ROG	HTSK51ROG	RUN51ROG	REST51ROG	TOTA51ROG	RUN52ROG	IDLE52ROG	STRE52ROG	TOTE52ROG	DIUR52ROG	HTSK52ROG	RUN52ROG	REST52ROG	TOTA52ROG	RUN53ROG	IDLE53ROG	STRE53ROG	TOTE53ROG	DIUR53ROG	HTSK53ROG	RUN53ROG	REST53ROG	TOTA53ROG	RUN54ROG	IDLE54ROG	STRE54ROG	TOTE54ROG	DIUR54ROG	HTSK54ROG	RUN54ROG	REST54ROG	TOTA54ROG	RUN55ROG	IDLE55ROG	STRE55ROG	TOTE55ROG	DIUR55ROG	HTSK55ROG	RUN55ROG	REST55ROG	TOTA55ROG	RUN56ROG	IDLE56ROG	STRE56ROG	TOTE56ROG	DIUR56ROG	HTSK56ROG	RUN56ROG	REST56ROG	TOTA56ROG	RUN57ROG	IDLE57ROG	STRE57ROG	TOTE57ROG	DIUR57ROG	HTSK57ROG	RUN57ROG	REST57ROG	TOTA57ROG	RUN58ROG	IDLE58ROG	STRE58ROG	TOTE58ROG	DIUR58ROG	HTSK58ROG	RUN58ROG	REST58ROG	TOTA58ROG	RUN59ROG	IDLE59ROG	STRE59ROG	TOTE59ROG	DIUR59ROG	HTSK59ROG	RUN59ROG	REST59ROG	TOTA59ROG	RUN60ROG	IDLE60ROG	STRE60ROG	TOTE60ROG	DIUR60ROG	HTSK60ROG	RUN60ROG	REST60ROG	TOTA60ROG	RUN61ROG	IDLE61ROG	STRE61ROG	TOTE61ROG	DIUR61ROG	HTSK61ROG	RUN61ROG	REST61ROG	TOTA61ROG	RUN62ROG	IDLE62ROG	STRE62ROG	TOTE62ROG	DIUR62ROG	HTSK62ROG	RUN62ROG	REST62ROG	TOTA62ROG	RUN63ROG	IDLE63ROG	STRE63ROG	TOTE63ROG	DIUR63ROG	HTSK63ROG	RUN63ROG	REST63ROG	TOTA63ROG	RUN64ROG	IDLE64ROG	STRE64ROG	TOTE64ROG	DIUR64ROG	HTSK64ROG	RUN64ROG	REST64ROG	TOTA64ROG	RUN65ROG	IDLE65ROG	STRE65ROG	TOTE65ROG	DIUR65ROG	HTSK65ROG	RUN65ROG	REST65ROG	TOTA65ROG	RUN66ROG	IDLE66ROG	STRE66ROG	TOTE66ROG	DIUR66ROG	HTSK66ROG	RUN66ROG	REST66ROG	TOTA66ROG	RUN67ROG	IDLE67ROG	STRE67ROG	TOTE67ROG	DIUR67ROG	HTSK67ROG	RUN67ROG	REST67ROG	TOTA67ROG	RUN68ROG	IDLE68ROG	STRE68ROG	TOTE68ROG	DIUR68ROG	HTSK68ROG	RUN68ROG	REST68ROG	TOTA68ROG	RUN69ROG	IDLE69ROG	STRE69ROG	TOTE69ROG	DIUR69ROG	HTSK69ROG	RUN69ROG	REST69ROG	TOTA69ROG	RUN70ROG	IDLE70ROG	STRE70ROG	TOTE70ROG	DIUR70ROG	HTSK70ROG	RUN70ROG	REST70ROG	TOTA70ROG	RUN71ROG	IDLE71ROG	STRE71ROG	TOTE71ROG	DIUR71ROG	HTSK71ROG	RUN71ROG	REST71ROG	TOTA71ROG	RUN72ROG	IDLE72ROG	STRE72ROG	TOTE72ROG	DIUR72ROG	HTSK72ROG	RUN72ROG	REST72ROG	TOTA72ROG	RUN73ROG	IDLE73ROG	STRE73ROG	TOTE73ROG	DIUR73ROG	HTSK73ROG	RUN73ROG	REST73ROG	TOTA73ROG	RUN74ROG	IDLE74ROG	STRE74ROG	TOTE74ROG	DIUR74ROG	HTSK74ROG	RUN74ROG	REST74ROG	TOTA74ROG	RUN75ROG	IDLE75ROG	STRE75ROG	TOTE75ROG	DIUR75ROG	HTSK75ROG	RUN75ROG	REST75ROG	TOTA75ROG	RUN76ROG	IDLE76ROG	STRE76ROG	TOTE76ROG	DIUR76ROG	HTSK76ROG	RUN76ROG	REST76ROG	TOTA76ROG	RUN77ROG	IDLE77ROG	STRE77ROG	TOTE77ROG	DIUR77ROG	HTSK77ROG	RUN77ROG	REST77ROG	TOTA77ROG	RUN78ROG	IDLE78ROG	STRE78ROG	TOTE78ROG	DIUR78ROG	HTSK78ROG	RUN78ROG	REST78ROG	TOTA78ROG	RUN79ROG	IDLE79ROG	STRE79ROG	TOTE79ROG	DIUR79ROG	HTSK79ROG	RUN79ROG	REST79ROG	TOTA79ROG	RUN80ROG	IDLE80ROG	STRE80ROG	TOTE80ROG	DIUR80ROG	HTSK80ROG	RUN80ROG	REST80ROG	TOTA80ROG	RUN81ROG	IDLE81ROG	STRE81ROG	TOTE81ROG	DIUR81ROG	HTSK81ROG	RUN81ROG	REST81ROG	TOTA81ROG	RUN82ROG	IDLE82ROG	STRE82ROG	TOTE82ROG	DIUR82ROG	HTSK82ROG	RUN82ROG	REST82ROG	TOTA82ROG	RUN83ROG	IDLE83ROG	STRE83ROG	TOTE83ROG	DIUR83ROG	HTSK83ROG	RUN83ROG	REST83ROG	TOTA83ROG	RUN84ROG	IDLE84ROG	STRE84ROG	TOTE84ROG	DIUR84ROG	HTSK84ROG	RUN84ROG	REST84ROG	TOTA84ROG	RUN85ROG	IDLE85ROG	STRE85ROG	TOTE85ROG	DIUR85ROG	HTSK85ROG	RUN85ROG	REST85ROG	TOTA85ROG	RUN86ROG	IDLE86ROG	STRE86ROG	TOTE86ROG	DIUR86ROG	HTSK86ROG	RUN86ROG	REST86ROG	TOTA86ROG	RUN87ROG	IDLE87ROG	STRE87ROG	TOTE87ROG	DIUR87ROG	HTSK87ROG	RUN87ROG	REST87ROG	TOTA87ROG	RUN88ROG	IDLE88ROG	STRE88ROG	TOTE88ROG	DIUR88ROG	HTSK88ROG	RUN88ROG	REST88ROG	TOTA88ROG	RUN89ROG	IDLE89ROG	STRE89ROG	TOTE89ROG	DIUR89ROG	HTSK89ROG	RUN89ROG	REST89ROG	TOTA89ROG	RUN90ROG	IDLE90ROG	STRE90ROG	TOTE90ROG	DIUR90ROG	HTSK90ROG	RUN90ROG	REST90ROG	TOTA90ROG	RUN91ROG	IDLE91ROG	STRE91ROG	TOTE91ROG	DIUR91ROG	HTSK91ROG	RUN91ROG	REST91ROG	TOTA91ROG	RUN92ROG	IDLE92ROG	STRE92ROG	TOTE92ROG	DIUR92ROG	HTSK92ROG	RUN92ROG	REST92ROG	TOTA92ROG	RUN93ROG	IDLE93ROG	STRE93ROG	TOTE93ROG	DIUR93ROG	HTSK93ROG	RUN93ROG	REST93ROG	TOTA93ROG	RUN94ROG	IDLE94ROG	STRE94ROG	TOTE94ROG	DIUR94ROG	HTSK94ROG	RUN94ROG	REST94ROG	TOTA94ROG	RUN95ROG	IDLE95ROG	STRE95ROG	TOTE95ROG	DIUR95ROG	HTSK95ROG	RUN95ROG	REST95ROG	TOTA95ROG	RUN96ROG	IDLE96ROG	STRE96ROG	TOTE96ROG	DIUR96ROG	HTSK96ROG	RUN96ROG	REST96ROG	TOTA96ROG	RUN97ROG	IDLE97ROG	STRE97ROG	TOTE97ROG	DIUR97ROG	HTSK97ROG	RUN97ROG	REST97ROG	TOTA97ROG	RUN98ROG	IDLE98ROG	STRE98ROG	TOTE98ROG	DIUR98ROG	HTSK98ROG	RUN98ROG	REST98ROG	TOTA98ROG	RUN99ROG	IDLE99ROG	STRE99ROG	TOTE99ROG	DIUR99ROG	HTSK99ROG	RUN99ROG	REST99ROG	TOTA99ROG	RUN100ROG	IDLE100ROG	STRE100ROG	TOTE100ROG	DIUR100ROG	HTSK100ROG	RUN100ROG	REST100ROG	TOTA100ROG	RUN101ROG	IDLE101ROG	STRE101ROG	TOTE101ROG	DIUR101ROG	HTSK101ROG	RUN101ROG	REST101ROG	TOTA101ROG	RUN102ROG	IDLE102ROG	STRE102ROG	TOTE102ROG	DIUR102ROG	HTSK102ROG	RUN102ROG	REST102ROG	TOTA102ROG	RUN103ROG	IDLE103ROG	STRE103ROG	TOTE103ROG	DIUR103ROG	HTSK103ROG	RUN103ROG	REST103ROG	TOTA103ROG	RUN104ROG	IDLE104ROG	STRE104ROG	TOTE104ROG	DIUR104ROG	HTSK104ROG	RUN104ROG	REST104ROG	TOTA104ROG	RUN105ROG	IDLE105ROG	STRE105ROG	TOTE105ROG	DIUR105ROG	HTSK105ROG	RUN105ROG	REST105ROG	TOTA105ROG	RUN106ROG	IDLE106ROG	STRE106ROG	TOTE106ROG	DIUR106ROG	HTSK106ROG	RUN106ROG	REST106ROG	TOTA106ROG	RUN107ROG	IDLE107ROG	STRE107ROG	TOTE107ROG	DIUR107ROG	HTSK107ROG	RUN107ROG	REST107ROG	TOTA107ROG	RUN108ROG	IDLE108ROG	STRE108ROG	TOTE108ROG	DIUR108ROG	HTSK108ROG	RUN108ROG	REST108ROG	TOTA108ROG	RUN109ROG	IDLE109ROG	STRE109ROG	TOTE109ROG	DIUR109ROG	HTSK109ROG	RUN109ROG	REST109ROG	TOTA109ROG	RUN110ROG	IDLE110ROG	STRE110ROG	TOTE110ROG	DIUR110ROG	HTSK110ROG	RUN110ROG	REST110ROG	TOTA110ROG	RUN111ROG	IDLE111ROG	STRE111ROG	TOTE111ROG	DIUR111ROG	HTSK111ROG	RUN111ROG	REST111ROG	TOTA111ROG	RUN112ROG	IDLE112ROG	STRE112ROG	TOTE112ROG	DIUR112ROG	HTSK112ROG	RUN112ROG	REST112ROG	TOTA112ROG	RUN113ROG	IDLE113ROG	STRE113ROG	TOTE113ROG	DIUR113ROG	HTSK113ROG	RUN113ROG	REST113ROG	TOTA113ROG	RUN114ROG	IDLE114ROG	STRE114ROG	TOTE114ROG	DIUR114ROG	HTSK114ROG	RUN114ROG	REST114ROG	TOTA114ROG	RUN115ROG	IDLE115ROG	STRE115ROG	TOTE115ROG	DIUR115ROG	HTSK115ROG	RUN115ROG	REST115ROG	TOTA115ROG	RUN116ROG	IDLE116ROG	STRE116ROG	TOTE116ROG	DIUR116ROG	HTSK116ROG	RUN116ROG	REST116ROG	TOTA116ROG	RUN117ROG	IDLE117ROG	STRE117ROG	TOTE117ROG	DIUR117ROG	HTSK117ROG	RUN117ROG	REST117ROG	TOTA117ROG	RUN118ROG	IDLE118ROG	STRE118ROG	TOTE118ROG	DIUR118ROG	HTSK118ROG	RUN118ROG	REST118ROG	TOTA118ROG	RUN119ROG	IDLE119ROG	STRE119ROG	TOTE119ROG	DIUR119ROG	HTSK119ROG	RUN119ROG	REST119ROG	TOTA119ROG	RUN120ROG	IDLE120ROG	STRE120ROG	TOTE120ROG	DIUR120ROG	HTSK120ROG	RUN120ROG	REST120ROG	TOTA120ROG	RUN121ROG	IDLE121ROG	STRE121ROG	TOTE121ROG	DIUR121ROG	HTSK121ROG	RUN121ROG	REST121ROG	TOTA121ROG	RUN122ROG	IDLE122ROG	STRE122ROG	TOTE122ROG	DIUR122ROG	HTSK122ROG	RUN122ROG	REST122ROG	TOTA122ROG	RUN123ROG	IDLE123ROG	STRE123ROG	TOTE123ROG	DIUR123ROG	HTSK123ROG	RUN123ROG	REST123ROG	TOTA123ROG	RUN124ROG	IDLE124ROG	STRE124ROG	TOTE124ROG	DIUR124ROG	HTSK124ROG	RUN124ROG	REST124ROG	TOTA124ROG	RUN125ROG	IDLE125ROG	STRE125ROG	TOTE125ROG	DIUR125ROG	HTSK125ROG	RUN125ROG	REST125ROG	TOTA125ROG	RUN126ROG	IDLE126ROG	STRE126ROG	TOTE126ROG	DIUR126ROG	HTSK126ROG	RUN126ROG	REST126ROG	TOTA126ROG	RUN127ROG	IDLE127ROG	STRE127ROG	TOTE127ROG	DIUR127ROG	HTSK127ROG	RUN127ROG
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EMFAC2014 (v1.0.7) Emission Rates

Region Type: County

Region: San Francisco

Calendar Year: 2017

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Trips	ROG_RUNE	ROG_IDLEX	ROG_STRE	ROG_HOTS	ROG_RUNL	ROG_RESTI	ROG_DIUR	TOG_RUNE	TOG_IDLEX	TOG_STRE	TOG_HOTS	TOG_RUNL	TOG_RESTI	TOG_DIUR	CO_RUNE	CO_IDLEX	CO_STRE	NOx_RUNE	NOx_IDLEX	NOx_STRE	CO2_RUNE	CO2_IDLEX	CO2_STRE	PM10_RUN	PM10_IDLE	PM10_STRI	PM10_PMI	PM10_PMI	PM2_5_RU	PM2_5_IDL	PM2_5_STI	PM2_5_PN	PM2_5_PN	SOx_RUNE	SOx_IDLEX	SOx_STREX
San Francisco	2017	HHDT	Aggregate	Aggregate	DSL	1058.791	77508.07	0	0.195909	1.938809	0	0	0	0	0	0.542178	2.327814	0	0	0	0	0	1.405803	8.10796	0	7.476227	75.29173	0	2174.817	8615.337	0	0.051229	0.193471	0	0.034458	0.059096	0.049013	0.185102	0	0.008615	0.025327	0.018909	0.075586	0

Pollutant	EMFAC name	EF
ROG	ROG_RUNEX	0.19591
NOx	NOx_RUNEX	7.47623
CO	CO_RUNEX	1.40580
SO2	SOx_RUNEX	0.01891
Fugitive PM10		
Exhaust PM10	PM10_RUNEX	0.05123
PM10 Total		
Fugitive PM2.5		
Exhaust PM2.5	PM2_5_RUNEX	0.04901
PM2.5 Total		
Bio- CO2		
NBio- CO2	CO2_RUNEX	2174.81741
Total CO2		
CH4		
N2O		
CO2e		

EMFAC2014 (v1.0.7) Emission Rates

Region Type: County

Region: San Francisco

Calendar Year: 2017

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Trips	ROG_RUNE	ROG_IDLEX	ROG_STRE	ROG_HOTS	ROG_RUNL	ROG_RESTI	ROG_DIUR	TOG_RUNE	TOG_IDLEX	TOG_STRE	TOG_HOTS	TOG_RUNL	TOG_RESTI	TOG_DIUR	CO_RUNEX	CO_IDLEX	CO_STREX	NOx_RUNE	NOx_IDLEX	NOx_STRE	CO2_RUNE	CO2_IDLEX	CO2_STRE	PM10_RUN	PM10_IDLE	PM10_STRI	PM10_PM1	PM10_PM1	PM2_5_RU	PM2_5_IDL	PM2_5_STI	PM2_5_PM	PM2_5_PM	SOx_RUNE	SOx_IDLEX	SOx_STREX
San Francisco	2017	HHDT	2010	Aggregate	DSL	62.20539	3389.985	0	0.172859	2.41751	0	0	0	0	0	0.647733	3.008174	0	0	0	0	0	2.139614	10.96055	0	7.13526	53.03731	0	2933.743	9858.728	0	0.02234	0.001987	0	0.036	0.06174	0.021373	0.001901	0	0.009	0.02646	0.024127	0.082741	0

Pollutant	EMFAC name	EF
ROG	ROG_RUNEX	0.17286
NOx	NOx_RUNEX	7.13526
CO	CO_RUNEX	2.13961
SO2	SOx_RUNEX	0.02413
Fugitive PM10		
Exhaust PM10	PM10_RUNEX	0.02234
PM10 Total		
Fugitive PM2.5		
Exhaust PM2.5	PM2_5_RUNEX	0.02137
PM2.5 Total		
Bio- CO2		
NBio- CO2	CO2_RUNEX	2933.74315
Total CO2		
CH4		
N2O		
CO2e		

EMFAC2014 (v1.0.7) Emission Rates

Region Type: County

Region: San Francisco

Calendar Year: 2017

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN

Region	CalYr	VehClass	MdYr	Speed	Fuel	Population	VMT	Trips	ROG_RUNE	ROG_IDLEX	ROG_STRE	ROG_HOTS	ROG_RUNL	ROG_RESTL	ROG_DIUR	TOG_RUNE	TOG_IDLEX	TOG_STRE	TOG_HOTS	TOG_RUNL	TOG_RESTL	TOG_DIUR	CO_RUNEX	CO_IDLEX	CO_STREX	NOx_RUNE	NOx_IDLEX	NOx_STRE	CO2_RUNE	CO2_IDLEX	CO2_STRE	PM10_RUN	PM10_IDLE	PM10_STRI	PM10_PMI	PM10_PMI	PM2_5_RU	PM2_5_IDI	PM2_5_STI	PM2_5_PV	PM2_5_PV	SOx_RUNE	SOx_IDLEX	SOx_STREX
San Francisco	2017	HHDT	Aggregate	Aggregate	DSL	1058.791	77508.07	0	0.195909	1.938809	0	0	0	0	0	0.542178	2.327814	0	0	0	0	0	1.405803	8.10796	0	7.476227	75.29173	0	2174.817	8615.337	0	0.051229	0.193471	0	0.034458	0.059096	0.049013	0.185102	0	0.008615	0.025327	0.018909	0.075586	0

Pollutant	EMFAC name	EF
ROG	ROG_RUNEX	0.19591
NOx	NOx_RUNEX	7.47623
CO	CO_RUNEX	1.40580
SO2	SOx_RUNEX	0.01891
Fugitive PM10		
Exhaust PM10 - Running	PM10_RUNEX	0.05123
Exhaust PM10 - Idling	PM10_IDLEX	0.19347
PM10 Total		
Fugitive PM2.5		
Exhaust PM2.5 - Running	PM2_5_RUNEX	0.04901
Exhaust PM2.5 - Idling	PM2_5_IDLEX	0.18510
PM2.5 Total		
Bio- CO2		
NBio- CO2	CO2_RUNEX	2174.81741
Total CO2		
CH4		
N2O		
CO2e		

EMFAC2014 (v1.0.7) Emission Rates

Region Type: County

Region: San Francisco

Calendar Year: 2017, 2018, 2019, 2020, 2021, 2022, 2023

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Trips	ROG_RUNE	ROG_IDLEX	ROG_STRE	ROG_HOTS	ROG_RUNL	ROG_RESTL	ROG_DIUR	TOG_RUNE	TOG_IDLEX	TOG_STRE	TOG_HOTS	TOG_RUNL	TOG_RESTL	TOG_DIUR	CO_RUNEX	CO_IDLEX	CO_STREX	NOx_RUNE	NOx_IDLEX	NOx_STRE	CO2_RUNE	CO2_IDLEX	CO2_STRE	PM10_RUN	PM10_IDLE	PM10_STR	PM10_PM1	PM10_PM1	PM2_5_RU	PM2_5_IDI	PM2_5_STI	PM2_5_PW	PM2_5_PW	SOx_RUNE	SOx_IDLEX	SOx_STREX		
San Francis	2017	HHDT	Aggregatec	Aggregatec	DSL	1058.791	77508.07	0	0.195909	1.938809	0	0	0	0	0	0.542178	2.327814	0	0	0	0	0	1.405803	8.10796	0	7.476227	75.29173	0	2174.817	8615.337	0	0.051229	0.193471	0	0.034458	0.059096	0.049013	0.185102	0	0.008615	0.025327	0.018909	0.075586	0	0	
San Francis	2017	LDT2	Aggregatec	Aggregatec	DSL	96.12959	4063.791	617.2298	0.025729	0	0	0	0	0	0	0.029291	0	0	0	0	0	0	0.215336	0	0	0.05408	0	0	407.6524	0	0	0.006388	0	0	0.008	0.03675	0.006111	0	0	0.002	0.01575	0.003892	0	0	0	
San Francis	2018	HHDT	Aggregatec	Aggregatec	DSL	1047.536	78766.62	0	0.161446	1.796758	0	0	0	0	0	0.514832	2.167198	0	0	0	0	0	1.37845	7.631514	0	6.736795	72.81181	0	2137.249	8763.898	0	0.032618	0.165781	0	0.03445	0.059082	0.031207	0.158609	0	0.008613	0.025321	0.01842	0.076376	0	0	0
San Francis	2018	LDT2	Aggregatec	Aggregatec	DSL	103.1257	4147.697	661.45	0.025431	0	0	0	0	0	0	0.028951	0	0	0	0	0	0	0.21894	0	0	0.051043	0	0	400.0478	0	0	0.006112	0	0	0.008	0.03675	0.005848	0	0	0.002	0.01575	0.003819	0	0	0	
San Francis	2019	HHDT	Aggregatec	Aggregatec	DSL	1050.448	80367.01	0	0.155789	1.707429	0	0	0	0	0	0.51832	2.064913	0	0	0	0	0	1.443293	7.302043	0	6.294741	69.69395	0	2099.867	8773.708	0	0.029948	0.150872	0	0.034439	0.059063	0.028652	0.144345	0	0.00861	0.025313	0.017948	0.075938	0	0	0
San Francis	2019	LDT2	Aggregatec	Aggregatec	DSL	109.9731	4228.075	704.9006	0.025202	0	0	0	0	0	0	0.028691	0	0	0	0	0	0	0.222307	0	0	0.04853	0	0	392.4415	0	0	0.005897	0	0	0.008	0.03675	0.005642	0	0	0.002	0.01575	0.003746	0	0	0	
San Francis	2020	HHDT	Aggregatec	Aggregatec	DSL	1050.986	81759.71	0	0.139034	1.480777	0	0	0	0	0	0.509115	1.806449	0	0	0	0	0	1.463677	6.517653	0	5.716943	65.99405	0	2063.038	8893.467	0	0.021417	0.110566	0	0.034431	0.059049	0.020491	0.105783	0	0.008608	0.025307	0.017484	0.076554	0	0	0
San Francis	2020	LDT2	Aggregatec	Aggregatec	DSL	115.9121	4281.921	741.9922	0.025027	0	0	0	0	0	0	0.028491	0	0	0	0	0	0	0.225298	0	0	0.046527	0	0	384.4545	0	0	0.005729	0	0	0.008	0.03675	0.005482	0	0	0.002	0.01575	0.00367	0	0	0	
San Francis	2021	HHDT	Aggregatec	Aggregatec	DSL	1059.97	83552.99	0	0.133257	1.410813	0	0	0	0	0	0.510009	1.725366	0	0	0	0	0	1.516062	6.231545	0	5.209529	62.62913	0	2025.062	8847.147	0	0.019413	0.10032	0	0.034438	0.059061	0.018574	0.09598	0	0.008609	0.025312	0.017029	0.075669	0	0	0
San Francis	2021	LDT2	Aggregatec	Aggregatec	DSL	121.6384	4331.964	777.2728	0.02489	0	0	0	0	0	0	0.028335	0	0	0	0	0	0	0.228139	0	0	0.044901	0	0	374.6674	0	0	0.005594	0	0	0.008	0.03675	0.005352	0	0	0.002	0.01575	0.003577	0	0	0	
San Francis	2022	HHDT	Aggregatec	Aggregatec	DSL	1066.496	85101.82	0	0.127253	1.344995	0	0	0	0	0	0.510174	1.649102	0	0	0	0	0	1.56376	5.95921	0	4.694702	59.31283	0	1986.298	8807.766	0	0.016973	0.090799	0	0.034447	0.059076	0.016239	0.086871	0	0.008612	0.025318	0.016573	0.074876	0	0	0
San Francis	2022	LDT2	Aggregatec	Aggregatec	DSL	126.3002	4347.835	805.6216	0.02479	0	0	0	0	0	0	0.028221	0	0	0	0	0	0	0.230529	0	0	0.04364	0	0	364.1798	0	0	0.005493	0	0	0.008	0.03675	0.005255	0	0	0.002	0.01575	0.003477	0	0	0	
San Francis	2023	HHDT	Aggregatec	Aggregatec	DSL	1062.725	86661.85	0	0.092046	1.096515	0	0	0	0	0	0.476493	1.366072	0	0	0	0	0	1.550444	4.94685	0	3.193837	50.73494	0	1917.112	8636.282	0	0.008906	0.076571	0	0.034452	0.059086	0.008521	0.073259	0	0.008613	0.025323	0.015833	0.072749	0	0	0
San Francis	2023	LDT2	Aggregatec	Aggregatec	DSL	130.4035	4362.194	830.1618	0.024699	0	0	0	0	0	0	0.028118	0	0	0	0	0	0	0.232462	0	0	0.042581	0	0	353.1083	0	0	0.005402	0	0	0.008	0.03675	0.005169	0	0	0.002	0.01575	0.003371	0	0	0	

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EMFAC2014 (v1.0.7) Emission Rates

Region Type: County

Region: San Francisco

Calendar Year: 2017, 2018, 2019, 2020, 2021, 2022, 2023

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, g/mile for RUNEX, PMBW and PMTW

Region	CalYr	VehClass	MdYr	Speed	Fuel	VMT	ROG_RUNE	TOG_RUNE	CO_RUNEX	NOx_RUNE	CO2_RUNE	PM10_RUNE	PM2_5_RUNE
San Francis	2017	HHDT	Aggregate	5	DSL	988.4449	0.815311	5.446602	10.90394	22.49606	6223.723	0.060161	0.057558
San Francis	2017	LDT2	Aggregate	5	DSL	1.738402	0.258503	0.294288	2.212308	0.15887	927.7276	0.016163	0.015464
San Francis	2018	HHDT	Aggregate	5	DSL	987.3841	0.71376	5.531584	12.00152	21.31069	6101.951	0.042927	0.04107
San Francis	2018	LDT2	Aggregate	5	DSL	1.774296	0.259062	0.294925	2.276932	0.157502	910.4213	0.015012	0.014362
San Francis	2019	HHDT	Aggregate	5	DSL	987.482	0.688994	5.697223	13.17166	20.32457	5979.161	0.039893	0.038167
San Francis	2019	LDT2	Aggregate	5	DSL	1.808679	0.259666	0.295613	2.334445	0.156407	893.111	0.014095	0.013485
San Francis	2020	HHDT	Aggregate	5	DSL	986.485	0.63653	5.829829	14.28571	19.27793	5858.405	0.030876	0.02954
San Francis	2020	LDT2	Aggregate	5	DSL	1.831714	0.26024	0.296265	2.383866	0.155569	874.9343	0.013369	0.012791
San Francis	2021	HHDT	Aggregate	5	DSL	987.2134	0.609987	5.979127	15.38328	18.30117	5734.84	0.028213	0.026993
San Francis	2021	LDT2	Aggregate	5	DSL	1.853121	0.260813	0.296919	2.428695	0.154934	852.661	0.012773	0.012221
San Francis	2022	HHDT	Aggregate	5	DSL	986.0842	0.583612	6.122448	16.43388	17.37684	5613.607	0.026052	0.024925
San Francis	2022	LDT2	Aggregate	5	DSL	1.85991	0.261318	0.297493	2.465498	0.154461	828.7934	0.012319	0.011786
San Francis	2023	HHDT	Aggregate	5	DSL	985.5087	0.490933	6.184261	17.33234	16.28523	5470.715	0.01929	0.018456
San Francis	2023	LDT2	Aggregate	5	DSL	1.866053	0.261703	0.297932	2.495628	0.154057	803.5971	0.011919	0.011404

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EMFAC2014 (v1.0.7) Emission Rates

Region Type: County

Region: San Francisco

Calendar Year: 2040

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN

Summary	VMT-Weighted EFs			
	TOG	DPM	PM2.5e	PM2.5d
GAS	0.029803	0.000993	0.000913	0.018141
DSL	0.134208	0.004933	0.004720	0.052744
All	0.034790	0.001193	0.001111	0.020656

VMT Fraction	
GAS	83.53%
DSL	7.37%

Region	CalYr	VehClass	Fuel	VMT	TOG_RUNEX	PM10_RUNEX	PM10_PMTW	PM10_PMBW	PM2_5_RUNEX	PM2_5_PMTW	PM2_5_PMBW	VMT-Weighted EFs by fuel				VMT-Weighted EFs - All Fuels					
												VMT Frac by Fuel	TOG	DPM	PM2.5e	PM2.5d	VMT Frac - All Fuels	TOG	DPM	PM2.5e	PM2.5d
San Francis	2040	All Other Buses	DSL	23917.61	0.050237753	0.003185359	0.012000003	0.130340037	0.003047562	0.003000001	0.055860016	3.23%	0.001623	0.000103	9.8452E-05	0.001901	0.24%	0.00012	7.5859E-06	7.25774E-06	0.00014
San Francis	2040	LDA	GAS	5024097	0.006450927	0.000952084	0.008000002	0.036750011	0.000875406	0.002000001	0.015750005	59.89%	0.003863	0.00057	0.00052424	0.01063	50.03%	0.003227	0.00047628	0.000437924	0.008879
San Francis	2040	LDA	DSL	69901.42	0.008031727	0.00087385	0.008000002	0.036750011	0.000836047	0.002000001	0.015750005	9.44%	0.000758	8.25E-05	7.8935E-05	0.001676	0.70%	5.59E-05	6.0821E-06	5.81899E-06	0.000124
San Francis	2040	LDA	ELEC	913098.9	0	0	0.008000002	0.036750011	0	0.002000001	0.015750005	99.98%	0	0	0	0.017747	9.09%	0	0	0	0.001614
San Francis	2040	LDT1	GAS	357587.7	0.007373966	0.001003497	0.008000002	0.036750011	0.000922678	0.002000001	0.015750005	4.26%	0.000314	4.28E-05	3.9328E-05	0.000757	3.56%	0.000263	3.573E-05	3.28521E-05	0.000632
San Francis	2040	LDT1	DSL	201.4455	0.028730115	0.005693397	0.008000002	0.036750011	0.005447103	0.002000001	0.015750005	0.03%	7.82E-06	1.55E-06	1.4821E-06	4.83E-06	0.00%	5.76E-07	1.142E-07	1.09258E-07	3.56E-07
San Francis	2040	LDT1	ELEC	170.063	0	0	0.008000002	0.036750011	0	0.002000001	0.015750005	0.02%	0	0	0	3.31E-06	0.00%	0	0	0	3.01E-07
San Francis	2040	LDT2	GAS	1928000	0.008310105	0.000963195	0.008000002	0.036750011	0.000885623	0.002000001	0.015750005	22.98%	0.00191	0.000221	0.00020353	0.004079	19.20%	0.001595	0.00018491	0.000170015	0.003408
San Francis	2040	LDT2	DSL	4250.839	0.027054006	0.004614436	0.008000002	0.036750011	0.004414817	0.002000001	0.015750005	0.57%	0.000155	2.65E-05	2.5348E-05	0.000102	0.04%	1.15E-05	1.9531E-06	1.86861E-06	7.51E-06
San Francis	2040	LHD1	GAS	42022.84	0.011273372	0.002118465	0.008000002	0.076440022	0.00194785	0.002000001	0.032760009	0.50%	5.65E-05	1.06E-05	9.7567E-06	0.000174	0.42%	4.72E-05	8.8642E-06	8.15027E-06	0.000145
San Francis	2040	LHD1	DSL	75594.92	0.144690326	0.008721559	0.012000003	0.076440022	0.008344268	0.003000001	0.032760009	10.21%	0.014774	0.000891	0.00085199	0.003651	0.75%	0.001089	6.5647E-05	6.28075E-05	0.000269
San Francis	2040	LHD2	GAS	15639.96	0.008813489	0.00222094	0.008000002	0.089180026	0.002042073	0.002000001	0.038220011	0.19%	1.64E-05	4.14E-06	3.8069E-06	7.5E-05	0.16%	1.37E-05	3.4586E-06	3.18008E-06	6.26E-05
San Francis	2040	LHD2	DSL	38535.2	0.140544132	0.009400403	0.012000003	0.089180026	0.008993746	0.003000001	0.038220011	5.20%	0.007315	0.000489	0.00046811	0.002145	0.38%	0.000539	3.6069E-05	3.45087E-05	0.000158
San Francis	2040	MCY	GAS	55611.95	3.350587978	0.002837703	0.004000001	0.011760003	0.002645682	0.001	0.005040001	0.66%	0.02221	1.88E-05	1.7538E-05	4E-05	0.55%	0.018553	1.5713E-05	1.465E-05	3.34E-05
San Francis	2040	MDV	GAS	916592.4	0.010691265	0.001057913	0.008000002	0.036750011	0.000972712	0.002000001	0.015750005	10.93%	0.001168	0.000116	0.00010627	0.001939	9.13%	0.000976	9.6551E-05	8.87752E-05	0.00162
San Francis	2040	MDV	DSL	26268.28	0.009745687	0.001197467	0.008000002	0.036750011	0.001145665	0.002000001	0.015750005	3.55%	0.000346	4.25E-05	4.0648E-05	0.00063	0.26%	2.55E-05	3.132E-06	2.99654E-06	4.64E-05
San Francis	2040	MH	GAS	5196.705	0.015814104	0.001396207	0.012000003	0.130340037	0.001283761	0.003000001	0.055860016	0.06%	9.8E-06	8.65E-07	7.952E-07	3.65E-05	0.05%	8.18E-06	7.2245E-07	6.64268E-07	3.05E-05
San Francis	2040	MH	DSL	1460.873	0.080596338	0.016665808	0.016000005	0.130340037	0.015944852	0.004000001	0.055860016	0.20%	0.000159	3.29E-05	3.1462E-05	0.000118	0.01%	1.17E-05	2.4242E-06	2.31934E-06	8.71E-06
San Francis	2040	Motor Coach	DSL	10603.86	0.091670947	0.004928658	0.012000003	0.130340037	0.004715447	0.003000001	0.055860016	1.43%	0.001313	7.06E-05	6.7537E-05	0.000843	0.11%	9.68E-05	5.2038E-06	4.97872E-06	6.21E-05
San Francis	2040	OBUS	GAS	10905.85	0.018189599	0.001392265	0.012000003	0.130340037	0.001280136	0.003000001	0.055860016	0.13%	2.36E-05	1.81E-06	1.6641E-06	7.65E-05	0.11%	1.98E-05	1.5119E-06	1.3901E-06	6.39E-05
San Francis	2040	PTO	DSL	4185.503	0.227723729	0.006148313	0	0	0.00588234	0	0	0.57%	0.001287	3.48E-05	3.3255E-05	0	0.04%	9.49E-05	2.5623E-06	2.45148E-06	0
San Francis	2040	SBUS	GAS	3372.204	0.017176079	0.001515802	0.008000002	0.744800213	0.001393724	0.002000001	0.319200091	0.04%	6.9E-06	6.09E-07	5.6021E-07	0.000129	0.03%	5.77E-06	5.0896E-07	4.67974E-07	0.000108
San Francis	2040	SBUS	DSL	5944.094	0.066846288	0.003306344	0.012000003	0.744800213	0.003163313	0.003000001	0.319200091	0.80%	0.000537	2.65E-05	2.5397E-05	0.002587	0.06%	3.96E-05	1.9569E-06	1.87223E-06	0.000191
San Francis	2040	T6 Ag	DSL	1539.997	0.057769679	0.003782056	0.012000003	0.130340037	0.003618446	0.003000001	0.055860016	0.21%	0.00012	7.87E-06	7.5266E-06	0.000122	0.02%	8.86E-06	5.7993E-07	5.54846E-07	9.03E-06
San Francis	2040	T6 CAIRP heavy	DSL	757.4003	0.046067814	0.002836767	0.012000003	0.130340037	0.00271405	0.003000001	0.055860016	0.10%	4.71E-05	2.9E-06	2.7765E-06	6.02E-05	0.01%	3.47E-06	2.1393E-07	2.04679E-07	4.44E-06
San Francis	2040	T6 CAIRP small	DSL	2325.032	0.043679244	0.002635857	0.012000003	0.130340037	0.002521831	0.003000001	0.055860016	0.31%	0.000137	8.28E-06	7.9195E-06	0.000185	0.02%	1.01E-05	6.1021E-07	5.83816E-07	1.36E-05
San Francis	2040	T6 instate construction heavy	DSL	1033.379	0.051658481	0.003307946	0.012000003	0.130340037	0.003164846	0.003000001	0.055860016	0.14%	7.21E-05	4.62E-06	4.4174E-06	8.22E-05	0.01%	5.32E-06	3.4037E-07	3.25644E-07	6.06E-06
San Francis	2040	T6 instate construction small	DSL	32361.38	0.047788848	0.002984266	0.012000003	0.130340037	0.002855168	0.003000001	0.055860016	4.37%	0.002089	0.00013	0.0001248	0.002573	0.32%	0.000154	9.616E-06	9.20004E-06	0.00019
San Francis	2040	T6 instate heavy	DSL	86156.58	0.049434521	0.003117995	0.012000003	0.130340037	0.002983112	0.003000001	0.055860016	11.64%	0.005753	0.000363	0.00034715	0.00685	0.86%	0.000424	2.6748E-05	2.55911E-05	0.000505
San Francis	2040	T6 instate small	DSL	216875.9	0.047435993	0.002951335	0.012000003	0.130340037	0.002823661	0.003000001	0.055860016	29.29%	0.013895	0.000865	0.00082714	0.017242	2.16%	0.001024	6.0372E-05	6.09754E-05	0.001271
San Francis	2040	T6 OOS heavy	DSL	433.9619	0.046083897	0.002838029	0.012000003	0.130340037	0.002715257	0.003000001	0.055860016	0.06%	2.7E-05	1.66E-06	1.5915E-06	3.45E-05	0.00%	1.99E-06	1.2263E-07	1.17326E-07	2.54E-06
San Francis	2040	T6 OOS small	DSL	1332.156	0.043679244	0.002635857	0.012000003	0.130340037	0.002521831	0.003000001	0.055860016	0.18%	7.86E-05	4.74E-06	4.5376E-06	0.000106	0.01%	5.79E-06	3.4963E-07	3.34504E-07	7.81E-06
San Francis	2040	T6 Public	DSL	26609.95	0.038938583	0.002506364	0.012000003	0.130340037	0.00239794	0.003000001	0.055860016	3.59%	0.0014	9.01E-05	8.6186E-05	0.002116	0.26%	0.000103	6.6408E-06	6.3535E-06	0.000156
San Francis	2040	T6 utility	DSL	1689.204	0.035992368	0.001985813	0.012000003	0.130340037	0.001899908	0.003000001	0.055860016	0.23%	8.21E-05	4.53E-06	4.3348E-06	0.000134	0.02%	6.05E-06	3.34E-07	3.19555E-07	9.9E-06
San Francis	2040	T6TS	GAS	20045.07	0.017223415	0.001389874	0.012000003	0.130340037	0.001277937	0.003000001	0.055860016	0.24%	4.12E-05	3.32E-06	3.0534E-06	0.000141	0.20%	3.44E-05	2.774E-06	2.55063E-06	0.000117
San Francis	2040	T7 Ag	DSL	98.26766	0.102976619	0.006448969	0.03600001	0.061740018	0.00616999	0.009000003	0.026460008	0.01%	1.37E-05	8.56E-07	8.1893E-07	4.71E-06	0.00%	1.01E-06	6.31E-08	6.03707E-08	3.47E-07
San Francis	2040	T7 CAIRP	DSL	9938.958	0.089428024	0.005492349	0.03600001	0.061740018	0.005254753	0.009000003	0.026460008	1.34%	0.001201	7.37E-05	7.0542E-05	0.000476	0.10%	8.85E-05	5.4354E-06	5.20025E-06	3.51E-05
San Francis	2040	T7 CAIRP construction	DSL	733.0715	0.091846962	0.005690955	0.03600001	0.061740018	0.005444766	0.009000003	0.026460008	0.10%	9.09E-05	5.63E-06	5.3911E-06	3.51E-05	0.01%	6.7E-06	4.154E-07	3.97426E-07	2.59E-06
San Francis	2040	T7 NNOOS	DSL	12324.32	0.078695085	0.004639829	0.03600001	0.061740018	0.004439112	0.009000003	0.026460008	1.66%	0.00131	7.72E-05	7.3895E-05	0.00059	0.12%	9.66E-05	5.6937E-06	5.44741E-06	4.35E-05
San Francis	2040	T7 NOOS	DSL	3925.885	0.089452388	0.005494083	0.03600001	0.061740018	0.005256411	0.009000003	0.026460008	0.53%	0.000474	2.91E-05	2.7873E-05	0.000188	0.04%	3			

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calendar_year	season_month	sub_area	vehicle_class	fuel	temperature	relative_humidity	process	speed_time	pollutant	emission_rate
2017	Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	HC	1.062941893
2017	Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	CO	3.654068382
2017	Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	NOx	22.14732072
2017	Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	SOx	0.037809597
2017	Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	PM	0.151295561
2017	Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	TOG	1.532443327
2017	Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	ROG	1.346109613
2017	Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	CO2	3963.075977
2017	Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	CH4	0.062523305
2017	Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	PM10	0.150387787
2017	Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	PM2_5	0.143882078
2017	Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	HC	6.304038032
2017	Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	CO	104.3504764
2017	Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	NOx	6.212626284
2017	Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	SOx	0.043026269
2017	Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	PM	0.012735354
2017	Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	TOG	6.804832244
2017	Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	ROG	5.145720535
2017	Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	CO2	4127.729294
2017	Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	CH4	1.432400494
2017	Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	PM10	0.011752772
2017	Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	PM2_5	0.010989353
2017	Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	HC	19.81067875
2017	Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	CO	40.54478267
2017	Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	NOx	8.423113655
2017	Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	PM	0.019931965
2017	Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	TOG	20.66526929
2017	Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	ROG	1.608429874
2017	Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	CO2	5408.880429
2017	Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	CH4	18.75213664
2017	Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	PM10	0.019812373
2017	Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	PM2_5	0.018955299
2017	Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	HC	0.204125821
2017	Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	CO	2.21230727
2017	Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	NOx	0.154342999
2017	Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	SOx	0.008854158
2017	Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	PM	0.016260935
2017	Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	TOG	0.294288196
2017	Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	ROG	0.258502752
2017	Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	CO2	927.7273215
2017	Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	CH4	0.012006959
2017	Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	PM10	0.01616337
2017	Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	PM2_5	0.01546415
2017	Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	HC	0.155302654
2017	Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	CO	1.670255578
2017	Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	NOx	0.193072833
2017	Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	SOx	0.012731915
2017	Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	PM	0.011299832
2017	Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	TOG	0.168107976
2017	Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	ROG	0.116179619
2017	Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	CO2	1272.76081
2017	Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	CH4	0.045639778
2017	Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	PM10	0.010105132
2017	Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	PM2_5	0.009292832
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	HC	3.268883022
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	CO	73.84963601
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	NOx	2.984662949
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	SOx	0.002631698
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	PM	0.015560487
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	TOG	3.427868869
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	ROG	3.156835899
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	CO2	137.3062533
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	CH4	0.230468325
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	PM10	0.014917647
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	PM2_5	0.014217949
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	HC	3.74488247
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	CO	76.469827
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	NOx	4.170967089
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	SOx	0.002970547
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	PM	0.014355846
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	TOG	3.924541432
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	ROG	3.610247212
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	CO2	165.6352575
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	CH4	0.264119823
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	PM10	0.013725469
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	PM2_5	0.013064349
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	HC	4.689767466
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	CO	82.16887893
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	NOx	6.258462987
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	SOx	0.003646199
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	PM	0.012286795
2017	Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	TOG	4.91088954

2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 ROG	4.511371582
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CO2	221.3900438
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CH4	0.330904116
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM10	0.011672459
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM2_5	0.011075359
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 HC	5.625167265
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO	88.4794908
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 NOx	7.965809044
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 SOx	0.004319123
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM	0.010671385
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 TOG	5.887908295
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 ROG	5.404898275
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO2	275.9405338
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CH4	0.396996807
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM10	0.010061245
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM2_5	0.009510649
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 HC	6.551081866
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO	95.40166262
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 NOx	9.293005258
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 SOx	0.004989319
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM	0.009509614
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 TOG	6.855597695
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 ROG	6.290827291
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO2	329.2867277
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CH4	0.462397894
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM10	0.008891828
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM2_5	0.008370218
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 HC	7.467511268
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO	102.9353944
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 NOx	10.24005163
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 SOx	0.005656787
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM	0.008801484
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 TOG	7.813957741
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 ROG	7.16915863
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO2	381.4286253
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CH4	0.527107379
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM10	0.008164206
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM2_5	0.007654067
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 HC	8.094026549
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO	111.0806861
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 NOx	10.80694816
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 SOx	0.006312651
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM	0.008546993
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 TOG	8.468656034
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 ROG	7.768406013
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO2	432.3662268
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CH4	0.571363783
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM10	0.007878381
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM2_5	0.007362196
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 HC	14.88794253
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO	308.2815133
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 NOx	10.67618586
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 SOx	0.011882358
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM	0.016411892
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 TOG	15.57194618
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 ROG	14.27614395
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO2	659.0737799
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CH4	1.051139905
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM10	0.015312161
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM2_5	0.014397938
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 HC	15.95240581
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO	335.4257156
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 NOx	10.61137903
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 SOx	0.012999487
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM	0.022152888
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 TOG	16.68587932
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 ROG	15.29829427
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO2	724.9906574
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CH4	1.126273752
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM10	0.020815821
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM2_5	0.019643378
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 HC	16.99896718
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO	360.8115473
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 NOx	10.5185267
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 SOx	0.014049791
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM	0.027313301
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 TOG	17.78112786
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 ROG	16.30337907
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO2	787.0307503
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CH4	1.200142189
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM10	0.025761098
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM2_5	0.024355797
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 HC	18.02762664

2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO	384.4390084
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 NOx	10.39762887
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 SOx	0.015033268
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM	0.031893133
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 TOG	18.85769179
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 ROG	17.29139834
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO2	845.1940585
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CH4	1.272745215
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM10	0.030147993
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM2_5	0.028535193
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 HC	19.03838418
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO	406.3080989
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 NOx	10.24868555
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 SOx	0.015949919
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM	0.035892383
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 TOG	19.91557114
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 ROG	18.26235209
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO2	899.4805821
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CH4	1.34408283
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM10	0.033976506
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM2_5	0.032181568
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 HC	20.0312398
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO	426.4188189
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 NOx	10.07169672
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 SOx	0.016799744
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM	0.039311051
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 TOG	20.95476588
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 ROG	19.21624033
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO2	949.8903209
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CH4	1.414155034
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM10	0.037246637
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM2_5	0.035294922
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 HC	21.0061935
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO	444.7711683
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 NOx	9.866662398
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 SOx	0.017582742
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM	0.042149137
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 TOG	21.97527602
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 ROG	20.15306304
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO2	996.4232751
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CH4	1.482961827
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM10	0.039958386
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM2_5	0.037875254
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 HC	21.96324529
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO	461.3651471
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 NOx	9.633582576
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 SOx	0.018298915
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM	0.044406641
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 TOG	22.97710157
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 ROG	21.07282022
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO2	1039.079445
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CH4	1.550503209
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM10	0.042111752
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM2_5	0.039922564
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 HC	22.90239517
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO	476.2007553
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 NOx	9.372457256
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 SOx	0.018948261
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM	0.046083563
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 TOG	23.96024252
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 ROG	21.97551189
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO2	1077.85883
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CH4	1.616779181
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM10	0.043706737
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM2_5	0.041436853
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 HC	23.82364313
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO	489.2779929
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 NOx	9.083286437
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 SOx	0.01953078
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM	0.047179904
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 TOG	24.92469887
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 ROG	22.86113804
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO2	1112.76143
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CH4	1.681789741
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM10	0.044743339
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM2_5	0.04241812
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 HC	24.75709212
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO	500.9428613
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 NOx	8.864672934
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 SOx	0.020069356
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM	0.047705034
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 TOG	25.90190543
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 ROG	23.75843503

2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO2	1145.441127
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CH4	1.747662158
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM10	0.045229993
2017 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM2_5	0.042874147
2017 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	HC	0.312809059
2017 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	TOG	0.33443332
2017 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	ROG	0.33443332
2017 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	HC	16.28830631
2017 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	TOG	17.41430496
2017 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	ROG	17.41430496
2017 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	HC	0.002686569
2017 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	TOG	0.002918054
2017 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	ROG	0.002918054
2017 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	HC	0.000353973
2017 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	TOG	0.000384473
2017 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	ROG	0.000384473
2017 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	HC	0.004026476
2017 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	TOG	0.004373412
2017 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	ROG	0.004373412
2017 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	HC	0.000533328
2017 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	TOG	0.000579281
2017 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	ROG	0.000579281
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 HC	0.016220006
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO	0.206047298
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 NOx	0.184257013
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 SOx	0.000155531
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM	0.000244972
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 TOG	0.016938704
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 ROG	0.015486369
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO2	15.21066134
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CH4	0.00114617
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM10	0.000221095
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM2_5	0.00020433
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 HC	0.030201558
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO	0.388246295
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 NOx	0.197958446
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 SOx	0.000178991
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM	0.000445474
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 TOG	0.031531738
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 ROG	0.028815196
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO2	17.23098605
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CH4	0.002134459
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM10	0.000400155
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM2_5	0.000368876
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 HC	0.056761576
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO	0.737593193
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 NOx	0.222550855
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 SOx	0.000231714
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM	0.000831788
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 TOG	0.059253577
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 ROG	0.054135828
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO2	21.88113539
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CH4	0.004011853
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM10	0.000745191
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM2_5	0.00068596
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 HC	0.081450814
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO	1.066871965
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 NOx	0.243395988
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 SOx	0.000292172
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM	0.001198514
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 TOG	0.085023112
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 ROG	0.077673764
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO2	27.34395128
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CH4	0.005756998
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM10	0.001072782
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM2_5	0.000987037
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 HC	0.10426927
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO	1.37608261
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 NOx	0.260493843
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 SOx	0.000360366
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM	0.001545651
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 TOG	0.108840344
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 ROG	0.099429004
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO2	33.61943373
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CH4	0.007369897
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM10	0.001382927
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM2_5	0.001272105
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 HC	0.125216944
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO	1.665225128
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 NOx	0.273844422
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 SOx	0.000436295
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM	0.001873201
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 TOG	0.130705271



2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 ROG	0.119401549
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO2	40.70758273
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CH4	0.008850547
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM10	0.001675625
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM2_5	0.001541166
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 HC	0.144115888
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO	1.934299519
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 NOx	0.283447724
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 SOx	0.000519955
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM	0.002181162
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 TOG	0.150431218
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 ROG	0.137419366
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO2	48.60839829
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CH4	0.010186407
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM10	0.001950878
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM2_5	0.001794219
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 HC	0.235776649
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO	3.26147222
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 NOx	0.304025913
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 SOx	0.001174473
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM	0.003474832
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 TOG	0.246110199
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 ROG	0.224824886
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO2	111.822019
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CH4	0.01666512
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM10	0.003108399
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM2_5	0.002859005
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 HC	0.358705302
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO	5.641809563
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 NOx	0.288473212
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 SOx	0.001367857
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM	0.003840031
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 TOG	0.37441543
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 ROG	0.342015428
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO2	127.0707628
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CH4	0.025354351
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM10	0.003435658
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM2_5	0.003160291
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 HC	0.380794977
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO	6.077513511
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 NOx	0.28630278
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 SOx	0.001526941
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM	0.004167441
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 TOG	0.397472934
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 ROG	0.363078255
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO2	142.2579555
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CH4	0.026915701
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM10	0.003729054
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM2_5	0.003430403
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 HC	0.402617971
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO	6.465857187
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 NOx	0.282824115
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 SOx	0.001684659
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM	0.00445706
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 TOG	0.420252084
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 ROG	0.383886829
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO2	157.383597
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CH4	0.0284582
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM10	0.003988586
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM2_5	0.003669339
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 HC	0.424174281
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO	6.806840591
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 NOx	0.27803722
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 SOx	0.001841012
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM	0.004708891
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 TOG	0.442752879
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 ROG	0.404441149
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO2	172.4476873
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CH4	0.02998185
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM10	0.004214256
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM2_5	0.003877099
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 HC	0.44546391
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO	7.100463722
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 NOx	0.271942093
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 SOx	0.001996
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM	0.004922932
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 TOG	0.464975321
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 ROG	0.424741216
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO2	187.4502264
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CH4	0.031486649
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM10	0.004406062
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM2_5	0.004053684
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 HC	0.466486855

2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO	7.346726581
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 NOx	0.264538734
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 SOx	0.002149622
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM	0.005099183
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 TOG	0.486919408
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 ROG	0.444787029
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO2	202.3912144
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CH4	0.032972598
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM10	0.004564005
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM2_5	0.004199094
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 HC	0.487243118
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO	7.545629167
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 NOx	0.255827144
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 SOx	0.00230188
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM	0.005237645
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 TOG	0.508585142
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 ROG	0.46457859
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO2	217.2706512
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CH4	0.034439697
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM10	0.004688085
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM2_5	0.004313328
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 HC	0.507732699
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO	7.697171481
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 NOx	0.245807322
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 SOx	0.002452771
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM	0.005338317
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 TOG	0.529972521
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 ROG	0.484115897
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO2	232.0885368
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CH4	0.035887945
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM10	0.004778302
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM2_5	0.004396387
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 HC	0.527955596
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO	7.801353523
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 NOx	0.234479268
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 SOx	0.002602298
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM	0.0054012
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 TOG	0.551081547
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 ROG	0.503398951
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO2	246.8448712
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CH4	0.037317343
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM10	0.004834656
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM2_5	0.004448271
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 HC	0.54832191
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO	7.860153428
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 NOx	0.222769821
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 SOx	0.002750765
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM	0.00542719
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 TOG	0.572340273
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 ROG	0.522818759
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO2	261.5659524
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CH4	0.038756879
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM10	0.00485795
2017 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM2_5	0.004469717
2017 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	HC	0.103927359
2017 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	TOG	0.111111781
2017 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	ROG	0.111111781
2017 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	HC	1.859753285
2017 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	TOG	1.988316664
2017 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	ROG	1.988316664
2017 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	HC	0.013525086
2017 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	TOG	0.014690459
2017 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	ROG	0.014690459
2017 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	HC	0.000954682
2017 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	TOG	0.001036941
2017 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	ROG	0.001036941
2017 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	HC	0.019989939
2017 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	TOG	0.021712348
2017 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	ROG	0.021712348
2017 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	HC	0.001465917
2017 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	TOG	0.001592226
2017 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	ROG	0.001592226
2017 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	HC	1.315612942
2017 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO	6.37023736
2017 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	NOx	62.20838565
2017 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	SOx	0.06539484
2017 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM	0.158241861
2017 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	TOG	1.896719179
2017 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	ROG	1.66609223
2017 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO2	6854.469116
2017 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CH4	0.077385669
2017 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM10	0.157292409
2017 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM2_5	0.150488009

2017 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM	0.036
2017 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM10	0.036
2017 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM2_5	0.009
2017 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM	0.063
2017 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM10	0.06174
2017 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM2_5	0.02646
2017 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM	0.02
2017 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM10	0.02
2017 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM2_5	0.005
2017 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM	0.063
2017 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM10	0.06174
2017 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM2_5	0.02646
2017 Annual	San Francisco (SF)	HHDT	NG		IDLEX	HC	1.166706911
2017 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO	6.780241777
2017 Annual	San Francisco (SF)	HHDT	NG		IDLEX	NOx	30.84016713
2017 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM	0.106815287
2017 Annual	San Francisco (SF)	HHDT	NG		IDLEX	TOG	1.23326479
2017 Annual	San Francisco (SF)	HHDT	NG		IDLEX	ROG	0.118892194
2017 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO2	6304.037738
2017 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CH4	1.09310769
2017 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM10	0.106174395
2017 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM2_5	0.101581338
2017 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM	0.036
2017 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM10	0.036
2017 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM2_5	0.009
2017 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM	0.063
2017 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM10	0.06174
2017 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM2_5	0.02646
2017 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM	0.008
2017 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM10	0.008
2017 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM2_5	0.002
2017 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM	0.0375
2017 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM10	0.03675
2017 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM2_5	0.01575
2017 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM	0.008
2017 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM10	0.008
2017 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM2_5	0.002
2017 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM	0.0375
2017 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM10	0.03675
2017 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM2_5	0.01575
2018 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 HC	0.82327612
2018 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO	3.386837356
2018 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 NOx	21.33731154
2018 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 SOx	0.036954027
2018 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM	0.092797841
2018 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 TOG	1.186917182
2018 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 ROG	1.042596878
2018 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO2	3873.397969
2018 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CH4	0.048425925
2018 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM10	0.092241054
2018 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM2_5	0.088250747
2018 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 HC	4.267665712
2018 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CO	63.8899887
2018 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 NOx	5.580520914
2018 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 SOx	0.041696424
2018 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM	0.008459793
2018 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 TOG	4.616177527
2018 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 ROG	3.26890372
2018 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CO2	4064.504572
2018 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CH4	1.179537031
2018 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM10	0.007644943
2018 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM2_5	0.00707006
2018 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 HC	18.73032131
2018 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CO	41.2444951
2018 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 NOx	7.347765098
2018 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM	0.017618466
2018 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 TOG	19.45479444
2018 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 ROG	1.396350274
2018 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CO2	5347.332658
2018 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CH4	17.78744342
2018 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM10	0.017512755
2018 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM2_5	0.016755161
2018 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 HC	0.204567241
2018 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CO	2.276931214
2018 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 NOx	0.153013656
2018 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 SOx	0.008688988
2018 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM	0.015102161
2018 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 TOG	0.294924591
2018 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 ROG	0.259061761
2018 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CO2	910.4210232
2018 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CH4	0.012032924
2018 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM10	0.015011548
2018 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM2_5	0.014362155

2018 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 HC	0.13964927
2018 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CO	1.506382773
2018 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 NOx	0.169166118
2018 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 SOx	0.012372254
2018 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM	0.011883769
2018 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 TOG	0.151177428
2018 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 ROG	0.10416373
2018 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CO2	1237.025921
2018 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CH4	0.041338643
2018 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM10	0.010625952
2018 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM2_5	0.009771099
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 HC	1.340106754
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CO	30.18519406
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 NOx	2.699569727
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 SOx	0.001084793
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM	0.004944422
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 TOG	1.403258919
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 ROG	1.289044508
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CO2	57.02326881
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CH4	0.094557503
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM10	0.004711811
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM2_5	0.004477632
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 HC	1.866375901
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CO	39.78689697
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 NOx	3.974987664
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 SOx	0.00150517
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM	0.005015963
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 TOG	1.952497719
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 ROG	1.790626784
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CO2	82.39188849
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CH4	0.131758697
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM10	0.004742398
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM2_5	0.004489123
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 HC	2.854136409
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CO	57.9949166
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 NOx	6.215986886
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 SOx	0.002322795
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM	0.005204158
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 TOG	2.983486896
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 ROG	2.732347577
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CO2	132.5810205
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CH4	0.201577716
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM10	0.004851776
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM2_5	0.00456035
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 HC	3.755526536
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO	74.87575467
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 NOx	8.043870574
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 SOx	0.003109582
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM	0.005452506
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 TOG	3.92449151
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 ROG	3.592143359
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO2	182.0393427
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CH4	0.265285578
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM10	0.005025426
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM2_5	0.004695903
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 HC	4.570546281
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO	90.42941117
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 NOx	9.458638728
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 SOx	0.00386553
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM	0.005761005
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 TOG	4.77551156
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 ROG	4.37001413
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO2	230.766855
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CH4	0.322882281
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM10	0.005263348
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM2_5	0.004895783
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 HC	5.299195646
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO	104.6558861
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 NOx	10.46029135
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 SOx	0.00459064
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM	0.006129657
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 TOG	5.536547047
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 ROG	5.065959891
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO2	278.7635576
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CH4	0.374367827
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM10	0.00556554
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM2_5	0.005159989
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 HC	5.861858992
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO	117.5551795
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 NOx	11.04882843
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 SOx	0.005282391
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM	0.006558461
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 TOG	6.124035044

2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 ROG	5.602903878
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO2	326.0294503
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CH4	0.414131801
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM10	0.005932004
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM2_5	0.005488523
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 HC	11.32801765
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO	326.486744
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 NOx	10.92731901
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 SOx	0.010791299
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM	0.010350972
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 TOG	11.8326808
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 ROG	10.82254774
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO2	532.4220891
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CH4	0.8003817
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM10	0.009439089
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM2_5	0.008771266
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 HC	12.06386825
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO	341.1751048
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 NOx	10.8799182
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 SOx	0.011853779
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM	0.012177179
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 TOG	12.60153531
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 ROG	11.52612522
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO2	613.4783786
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CH4	0.852365049
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM10	0.011179218
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM2_5	0.010424833
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 HC	12.78087708
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO	355.5949164
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 NOx	10.80923521
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 SOx	0.012863751
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM	0.013840647
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 TOG	13.35072428
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 ROG	12.21174124
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO2	689.7545336
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CH4	0.903016552
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM10	0.012762465
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM2_5	0.011928475
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 HC	13.47904413
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO	369.746179
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 NOx	10.71527004
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 SOx	0.013821215
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM	0.015341377
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 TOG	14.0802477
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 ROG	12.87939579
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO2	761.2505542
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CH4	0.95233621
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM10	0.014188831
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM2_5	0.013282191
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 HC	14.15836941
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO	383.6288926
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 NOx	10.59802268
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 SOx	0.014726171
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM	0.016679368
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 TOG	14.79010557
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 ROG	13.52908887
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO2	827.9664404
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CH4	1.000324023
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM10	0.015458315
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM2_5	0.014485981
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 HC	14.81885291
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO	397.243057
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 NOx	10.45749315
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 SOx	0.015578618
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM	0.01785462
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 TOG	15.48029789
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 ROG	14.16082048
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO2	889.9021921
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CH4	1.046979989
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM10	0.016570918
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM2_5	0.015539845
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 HC	15.46049463
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO	410.5886723
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 NOx	10.29368143
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 SOx	0.016378557
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM	0.018867133
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 TOG	16.15082467
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 ROG	14.77459061
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO2	947.0578094
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CH4	1.092304111
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM10	0.017526639
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM2_5	0.016443784
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 HC	16.08329458

2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO	423.6657386
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 NOx	10.10658753
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 SOx	0.017125987
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM	0.019716907
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 TOG	16.80168589
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 ROG	15.37039928
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO2	999.4332923
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CH4	1.136296386
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM10	0.018325478
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM2_5	0.017197797
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 HC	16.68725276
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO	436.4742558
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 NOx	9.896211453
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 SOx	0.01782091
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM	0.020403943
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 TOG	17.43288157
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 ROG	15.94824648
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO2	1047.028641
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CH4	1.178956817
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM10	0.018967435
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM2_5	0.017801884
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 HC	17.27236916
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO	449.0142239
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 NOx	9.662553191
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 SOx	0.018463324
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM	0.02092824
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 TOG	18.0444117
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 ROG	16.50813221
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO2	1089.843855
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CH4	1.220285401
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM10	0.019452512
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM2_5	0.018256046
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 HC	17.86826166
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO	461.6816876
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 NOx	9.516352991
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 SOx	0.019080727
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM	0.021299489
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 TOG	18.66719354
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 ROG	17.07830189
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO2	1129.918188
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CH4	1.262375538
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM10	0.019789385
2018 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM2_5	0.01856827
2018 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	HC	0.127747828
2018 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	TOG	0.136578941
2018 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	ROG	0.136578941
2018 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	HC	7.72981146
2018 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	TOG	8.264167649
2018 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	ROG	8.264167649
2018 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	HC	0.001572444
2018 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	TOG	0.001707932
2018 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	ROG	0.001707932
2018 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	HC	0.000212586
2018 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	TOG	0.000230903
2018 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	ROG	0.000230903
2018 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	HC	0.002187001
2018 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	TOG	0.002375442
2018 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	ROG	0.002375442
2018 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	HC	0.000299841
2018 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	TOG	0.000325676
2018 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	ROG	0.000325676
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 HC	0.013330166
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO	0.175206232
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 NOx	0.158772676
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 SOx	0.000152185
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM	0.000231281
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 TOG	0.013918399
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 ROG	0.012721115
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO2	14.93301645
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CH4	0.000942052
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM10	0.000207983
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM2_5	0.000191839
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 HC	0.025229873
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO	0.334633406
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 NOx	0.169898971
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 SOx	0.000174401
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM	0.000433268
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 TOG	0.026338576
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 ROG	0.024065384
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO2	16.87097538
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CH4	0.001783184
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM10	0.000388465
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM2_5	0.00035774

2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 HC	0.04787265
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO	0.640554232
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 NOx	0.189899694
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 SOx	0.000224605
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM	0.000822891
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 TOG	0.049971823
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 ROG	0.045651572
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO2	21.34946756
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CH4	0.003383688
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM10	0.000736627
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM2_5	0.000677781
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 HC	0.068973247
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO	0.929230363
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 NOx	0.20689793
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 SOx	0.000282508
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM	0.001193379
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 TOG	0.071995594
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 ROG	0.065767958
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO2	26.63139215
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CH4	0.004875176
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM10	0.001067718
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM2_5	0.000982144
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 HC	0.088531664
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO	1.2006618
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 NOx	0.220893676
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 SOx	0.000348109
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM	0.001544732
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 TOG	0.092409888
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 ROG	0.084414543
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO2	32.71674915
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CH4	0.006257649
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM10	0.001381737
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM2_5	0.001270829
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 HC	0.1065479
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO	1.454848542
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 NOx	0.231886935
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 SOx	0.000421408
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM	0.001876951
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 TOG	0.111214707
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 ROG	0.101591327
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO2	39.60553857
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CH4	0.007531107
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM10	0.001678686
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM2_5	0.001543835
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 HC	0.122916948
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO	1.69179059
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 NOx	0.239877705
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 SOx	0.000502402
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM	0.002190034
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 TOG	0.128299922
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 ROG	0.117196871
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO2	47.2977604
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CH4	0.008688148
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM10	0.001958564
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM2_5	0.001801163
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 HC	0.203069141
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO	2.85358855
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 NOx	0.257861186
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 SOx	0.001141162
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM	0.003514645
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 TOG	0.211963687
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 ROG	0.193622687
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO2	109.2286641
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CH4	0.014353498
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM10	0.003143382
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM2_5	0.002890867
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 HC	0.310470157
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO	4.96967741
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 NOx	0.244623985
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 SOx	0.001325985
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM	0.00389321
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 TOG	0.324061622
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 ROG	0.296009078
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO2	124.0839273
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CH4	0.021945175
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM10	0.003482269
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM2_5	0.003202685
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 HC	0.329656128
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO	5.360650301
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 NOx	0.242779063
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 SOx	0.001480471
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM	0.004231884
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 TOG	0.344087688

2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 ROG	0.314301887
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO2	138.8899225
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CH4	0.023301303
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM10	0.003785447
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM2_5	0.003481647
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 HC	0.348627273
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO	5.708430484
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 NOx	0.239809253
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 SOx	0.001633782
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM	0.004530667
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 TOG	0.363889525
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 ROG	0.332389878
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO2	153.6466497
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CH4	0.024642247
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM10	0.004052917
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM2_5	0.003727755
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 HC	0.367383591
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO	6.013017959
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 NOx	0.235714554
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 SOx	0.001785917
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM	0.004789558
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 TOG	0.383467132
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 ROG	0.350273052
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO2	168.3541089
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CH4	0.025968005
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM10	0.004284679
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM2_5	0.003941007
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 HC	0.385925081
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO	6.274412727
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 NOx	0.230494968
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 SOx	0.001936876
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM	0.005008559
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 TOG	0.402820508
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 ROG	0.367951409
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO2	183.0123
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CH4	0.027278579
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM10	0.004480733
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM2_5	0.004121405
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 HC	0.404251746
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO	6.492614786
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 NOx	0.224150493
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 SOx	0.002086659
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM	0.005187668
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 TOG	0.421949655
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 ROG	0.385424948
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO2	197.6212231
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CH4	0.028573968
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM10	0.004641079
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM2_5	0.004268948
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 HC	0.422363583
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO	6.667624137
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 NOx	0.21668113
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 SOx	0.002235267
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM	0.005326886
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 TOG	0.440854571
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 ROG	0.40269367
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO2	212.1808781
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CH4	0.029854172
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM10	0.004765717
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM2_5	0.004383636
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 HC	0.440260593
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO	6.79944078
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 NOx	0.208086879
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 SOx	0.002382699
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM	0.005426213
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 TOG	0.459535258
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 ROG	0.419757574
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO2	226.6912652
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CH4	0.031119191
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM10	0.004854646
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM2_5	0.004465469
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 HC	0.457942777
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO	6.888064716
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 NOx	0.19836774
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 SOx	0.002528955
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM	0.005485648
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 TOG	0.477991714
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 ROG	0.436616661
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO2	241.1523842
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CH4	0.032369026
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM10	0.004907868
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM2_5	0.004514447
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 HC	0.475740121



2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO	6.935091996
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 NOx	0.188263913
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 SOx	0.002674281
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM	0.00550592
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 TOG	0.496568377
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 ROG	0.453585555
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO2	255.5852925
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CH4	0.033627
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM10	0.004926032
2018 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM2_5	0.004531168
2018 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	HC	0.096741036
2018 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	TOG	0.103428672
2018 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	ROG	0.103428672
2018 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	HC	1.735565429
2018 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	TOG	1.855543793
2018 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	ROG	1.855543793
2018 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	HC	0.013062256
2018 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	TOG	0.01418775
2018 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	ROG	0.01418775
2018 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	HC	0.000913412
2018 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	TOG	0.000992115
2018 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	ROG	0.000992115
2018 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	HC	0.019004926
2018 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	TOG	0.020642463
2018 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	ROG	0.020642463
2018 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	HC	0.001376319
2018 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	TOG	0.001494908
2018 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	ROG	0.001494908
2018 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	HC	1.191314394
2018 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO	5.82592959
2018 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	NOx	58.60551131
2018 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	SOx	0.064578994
2018 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM	0.131623587
2018 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	TOG	1.717517962
2018 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	ROG	1.508680548
2018 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO2	6768.954844
2018 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CH4	0.070074304
2018 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM10	0.130833845
2018 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM2_5	0.125174031
2018 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM	0.036
2018 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM10	0.036
2018 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM2_5	0.009
2018 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM	0.063
2018 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM10	0.06174
2018 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM2_5	0.02646
2018 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM	0.02
2018 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM10	0.02
2018 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM2_5	0.005
2018 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM	0.063
2018 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM10	0.06174
2018 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM2_5	0.02646
2018 Annual	San Francisco (SF)	HHDT	NG		IDLEX	HC	1.057070855
2018 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO	6.073782882
2018 Annual	San Francisco (SF)	HHDT	NG		IDLEX	NOx	28.680565
2018 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM	0.091053735
2018 Annual	San Francisco (SF)	HHDT	NG		IDLEX	TOG	1.113711018
2018 Annual	San Francisco (SF)	HHDT	NG		IDLEX	ROG	0.102264643
2018 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO2	6213.823855
2018 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CH4	0.992929179
2018 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM10	0.090507413
2018 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM2_5	0.086592102
2018 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM	0.036
2018 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM10	0.036
2018 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM2_5	0.009
2018 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM	0.063
2018 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM10	0.06174
2018 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM2_5	0.02646
2018 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM	0.008
2018 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM10	0.008
2018 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM2_5	0.002
2018 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM	0.0375
2018 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM10	0.03675
2018 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM2_5	0.01575
2018 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM	0.008
2018 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM10	0.008
2018 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM2_5	0.002
2018 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM	0.0375
2018 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM10	0.03675
2018 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM2_5	0.01575
2019 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 HC	0.796631979
2019 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO	3.427515256
2019 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 NOx	21.12676015
2019 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 SOx	0.036173424

2019 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM	0.084424523
2019 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 TOG	1.148504324
2019 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 ROG	1.008854739
2019 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO2	3791.577733
2019 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CH4	0.04685869
2019 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM10	0.083917975
2019 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM2_5	0.080287721
2019 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 HC	3.733740618
2019 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CO	59.83812015
2019 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 NOx	5.31164268
2019 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 SOx	0.041175165
2019 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM	0.00806546
2019 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 TOG	4.039502239
2019 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 ROG	2.840662497
2019 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CO2	4020.329616
2019 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CH4	1.050808025
2019 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM10	0.00726623
2019 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM2_5	0.006708799
2019 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 HC	17.83394967
2019 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CO	41.82688048
2019 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 NOx	6.454746054
2019 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM	0.015708517
2019 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 TOG	18.45033741
2019 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 ROG	1.220198759
2019 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CO2	5294.718861
2019 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CH4	16.98712646
2019 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM10	0.015614266
2019 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM2_5	0.0149388
2019 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 HC	0.205044427
2019 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CO	2.334444734
2019 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 NOx	0.151949917
2019 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 SOx	0.00852378
2019 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM	0.014179727
2019 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 TOG	0.29561255
2019 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 ROG	0.259666064
2019 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CO2	893.110716
2019 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CH4	0.012060992
2019 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM10	0.014094649
2019 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM2_5	0.013484921
2019 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 HC	0.126064583
2019 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CO	1.369730732
2019 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 NOx	0.149525326
2019 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 SOx	0.012022779
2019 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM	0.01240734
2019 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 TOG	0.136488214
2019 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 ROG	0.093648694
2019 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CO2	1202.262518
2019 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CH4	0.037691118
2019 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM10	0.011092696
2019 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM2_5	0.010199591
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 HC	1.066755147
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CO	25.22244516
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 NOx	2.478036147
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 SOx	0.000905185
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM	0.003707415
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 TOG	1.11671791
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 ROG	1.02532928
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CO2	47.69031634
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CH4	0.075281302
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM10	0.003524879
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM2_5	0.003345895
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 HC	1.535994626
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CO	35.2705022
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 NOx	3.666489007
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 SOx	0.001325089
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM	0.003891189
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 TOG	1.606444296
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 ROG	1.472573263
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CO2	72.49103074
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CH4	0.108450916
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM10	0.003665082
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM2_5	0.003462797
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 HC	2.413508737
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CO	54.25410124
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 NOx	5.754441212
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 SOx	0.002140493
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM	0.004274522
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 TOG	2.522355311
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 ROG	2.309168782
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CO2	121.5884801
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CH4	0.170477518
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM10	0.00396528
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM2_5	0.003717634

2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 HC	3.209736384
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO	71.75434692
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 NOx	7.457122065
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 SOx	0.002923357
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM	0.004678898
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 TOG	3.353543983
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 ROG	3.068574372
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO2	170.0139569
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CH4	0.226753951
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM10	0.00429187
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM2_5	0.004000514
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 HC	3.924677568
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO	87.77123922
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 NOx	8.774531566
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 SOx	0.003673682
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM	0.00510432
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 TOG	4.100010312
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 ROG	3.750790034
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO2	217.767461
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CH4	0.277280215
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM10	0.00464485
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM2_5	0.004311436
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 HC	4.558332288
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO	102.3047781
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 NOx	9.706669714
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 SOx	0.004391468
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM	0.005550785
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 TOG	4.761754298
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 ROG	4.355815767
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO2	264.8489926
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CH4	0.322056311
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM10	0.005024222
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM2_5	0.0046504
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 HC	5.052696174
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO	115.3549637
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 NOx	10.25353651
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 SOx	0.005074877
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM	0.006018296
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 TOG	5.277895755
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 ROG	4.827496912
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO2	311.2585516
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CH4	0.356994744
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM10	0.005429984
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM2_5	0.005017407
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 HC	9.816526654
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO	316.9217656
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 NOx	10.14185101
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 SOx	0.010404075
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM	0.009232459
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 TOG	10.25255613
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 ROG	9.3752185
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO2	513.4433718
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CH4	0.693635256
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM10	0.008387612
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM2_5	0.007778789
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 HC	10.44810717
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO	329.9465966
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 NOx	10.09932016
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 SOx	0.01144592
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM	0.010602347
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 TOG	10.91235594
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 ROG	9.978825694
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO2	595.3766565
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CH4	0.73825656
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM10	0.009689903
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM2_5	0.009014883
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 HC	11.0629311
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO	342.8505387
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 NOx	10.03559971
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 SOx	0.012437111
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM	0.011856439
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 TOG	11.55466656
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 ROG	10.56645918
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO2	672.4769352
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CH4	0.781693411
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM10	0.010880447
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM2_5	0.010144129
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 HC	11.66099844
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO	355.6335919
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 NOx	9.950689653
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 SOx	0.013377647
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM	0.012994735
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 TOG	12.17948798

2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 ROG	11.13811897
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO2	744.7442079
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CH4	0.82394581
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM10	0.011959244
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM2_5	0.011166528
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 HC	12.24230919
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO	368.295756
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 NOx	9.844589996
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 SOx	0.014267529
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM	0.014017235
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 TOG	12.78682021
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 ROG	11.69380506
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO2	812.1784746
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CH4	0.865013757
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM10	0.012926294
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM2_5	0.01208208
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 HC	12.80686336
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO	380.8370312
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 NOx	9.717300737
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 SOx	0.015106756
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM	0.014923939
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 TOG	13.37666325
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 ROG	12.23351744
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO2	874.7797353
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CH4	0.904897251
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM10	0.013781596
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM2_5	0.012890784
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 HC	13.35466695
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO	393.2574174
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 NOx	9.568821877
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 SOx	0.015895329
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM	0.015714846
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 TOG	13.94901709
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 ROG	12.75725612
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO2	932.54799
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CH4	0.943596293
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM10	0.014525151
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM2_5	0.01359264
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 HC	13.88570194
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO	405.5569147
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 NOx	9.399153416
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 SOx	0.016633248
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM	0.016389957
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 TOG	14.50388174
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 ROG	13.2650211
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO2	985.4832387
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CH4	0.981110882
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM10	0.015156959
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM2_5	0.01418765
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 HC	14.39998636
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO	417.7355229
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 NOx	9.208295352
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 SOx	0.017320512
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM	0.016949272
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 TOG	15.04125719
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 ROG	13.75681237
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO2	1033.585481
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CH4	1.01744102
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM10	0.015677019
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM2_5	0.014675811
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 HC	14.89751418
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO	429.7932422
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 NOx	8.996247688
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 SOx	0.017957122
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM	0.017392791
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 TOG	15.56114345
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 ROG	14.23262994
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO2	1076.854718
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CH4	1.052586705
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM10	0.016085333
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM2_5	0.015057126
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 HC	15.40450287
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO	442.1171118
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 NOx	8.866549158
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 SOx	0.018570552
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM	0.017729703
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 TOG	16.09090747
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 ROG	14.7174746
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO2	1117.352758
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CH4	1.088401017
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM10	0.016390125
2019 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM2_5	0.015339162
2019 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	HC	0.101738056

2019 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	TOG	0.108771133
2019 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	ROG	0.108771133
2019 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	HC	6.470586384
2019 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	TOG	6.917893268
2019 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	ROG	6.917893268
2019 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	HC	0.001352507
2019 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	TOG	0.001469045
2019 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	ROG	0.001469045
2019 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	HC	0.000182014
2019 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	TOG	0.000197697
2019 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	ROG	0.000197697
2019 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	HC	0.001870512
2019 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	TOG	0.002031682
2019 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	ROG	0.002031682
2019 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	HC	0.000255086
2019 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	TOG	0.000277066
2019 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	ROG	0.000277066
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 HC	0.010713054
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO	0.14715916
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 NOx	0.136472571
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 SOx	0.000148528
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM	0.000217561
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 TOG	0.011182212
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 ROG	0.010214498
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO2	14.61894831
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CH4	0.000757232
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM10	0.000194693
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM2_5	0.000179109
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 HC	0.020877213
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO	0.287615758
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 NOx	0.145490928
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 SOx	0.000169628
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM	0.000423377
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 TOG	0.021790981
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 ROG	0.019904351
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO2	16.48043583
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CH4	0.001475685
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM10	0.000378712
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM2_5	0.000348318
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 HC	0.040243113
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO	0.557289889
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 NOx	0.161727921
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 SOx	0.000217546
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM	0.000820683
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 TOG	0.042003998
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 ROG	0.038366545
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO2	20.79708951
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CH4	0.002844563
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM10	0.000733941
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM2_5	0.000674957
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 HC	0.058325786
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO	0.8119786
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 NOx	0.175565282
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 SOx	0.000273087
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM	0.001198886
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 TOG	0.060877656
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 ROG	0.05560539
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO2	25.9053147
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CH4	0.004122736
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM10	0.001072093
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM2_5	0.000985894
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 HC	0.075125235
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO	1.051681893
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 NOx	0.187003012
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 SOx	0.000336251
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM	0.001557987
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 TOG	0.078411955
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 ROG	0.071620887
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO2	31.80511139
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CH4	0.005310204
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM10	0.001393166
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM2_5	0.001281127
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 HC	0.090641458
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO	1.276399766
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 NOx	0.196041112
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 SOx	0.000407039
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM	0.001897986
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 TOG	0.094606895
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 ROG	0.086413034
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO2	38.4964796
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CH4	0.006406968
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM10	0.001697161
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM2_5	0.001560657

2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 HC	0.104851534
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO	1.48613222
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 NOx	0.202679581
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 SOx	0.000485449
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM	0.002218882
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 TOG	0.109438497
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 ROG	0.099959843
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO2	45.97941932
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CH4	0.007411409
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM10	0.001984077
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM2_5	0.001824483
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 HC	0.174967054
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO	2.507577976
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 NOx	0.218355007
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 SOx	0.00110801
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM	0.003581596
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 TOG	0.182622936
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 ROG	0.166808178
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO2	106.5393259
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CH4	0.012367452
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM10	0.00320254
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM2_5	0.002944912
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 HC	0.269001464
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO	4.395143915
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 NOx	0.207104922
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 SOx	0.001284891
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM	0.003973783
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 TOG	0.280768995
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 ROG	0.25645025
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO2	121.0002959
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CH4	0.019014332
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM10	0.003553226
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM2_5	0.003267391
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 HC	0.285669696
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO	4.74644723
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 NOx	0.205544368
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 SOx	0.00143484
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM	0.004324054
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 TOG	0.298166371
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 ROG	0.272340739
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO2	135.4218696
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CH4	0.020192524
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM10	0.003866434
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM2_5	0.003555407
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 HC	0.302164909
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO	5.058370794
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 NOx	0.203019533
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 SOx	0.001583772
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM	0.004632408
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 TOG	0.315383156
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 ROG	0.288066269
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO2	149.8040471
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CH4	0.021358487
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM10	0.004142163
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM2_5	0.00380896
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 HC	0.318487105
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO	5.330914607
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 NOx	0.199530417
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 SOx	0.001731689
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM	0.004898846
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 TOG	0.332419348
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 ROG	0.30362684
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO2	164.1468283
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CH4	0.02251222
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM10	0.004380413
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM2_5	0.004028049
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 HC	0.334636283
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO	5.564078669
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 NOx	0.19507702
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 SOx	0.001878589
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM	0.005123368
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 TOG	0.349274947
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 ROG	0.31902245
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO2	178.4502133
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CH4	0.023653723
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM10	0.004581185
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM2_5	0.004212676
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 HC	0.350612443
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO	5.757862979
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 NOx	0.189659342
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 SOx	0.002024473
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM	0.005305973
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 TOG	0.365949955

2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 ROG	0.334253102
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO2	192.7142021
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CH4	0.024782997
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM10	0.004744478
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM2_5	0.00436284
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 HC	0.366415585
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO	5.912267538
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 NOx	0.183277383
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 SOx	0.002169341
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM	0.005446663
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 TOG	0.38244437
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 ROG	0.349318794
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO2	206.9387946
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CH4	0.025900042
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM10	0.004870292
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM2_5	0.00447854
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 HC	0.382045709
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO	6.027292346
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 NOx	0.175931144
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 SOx	0.002313192
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM	0.005545436
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 TOG	0.398758193
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 ROG	0.364219526
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO2	221.1239908
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CH4	0.027004856
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM10	0.004958628
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM2_5	0.004559778
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 HC	0.397502815
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO	6.102937403
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 NOx	0.167620623
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 SOx	0.002456028
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM	0.005602292
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 TOG	0.414891423
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 ROG	0.378955299
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO2	235.2697909
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CH4	0.028097442
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM10	0.005009485
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM2_5	0.004606552
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 HC	0.413052078
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO	6.140491317
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 NOx	0.158935978
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 SOx	0.002598044
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM	0.005617823
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 TOG	0.431120845
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 ROG	0.393778937
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO2	249.39304
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CH4	0.029196541
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM10	0.005023391
2019 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM2_5	0.004619349
2019 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	HC	0.089531222
2019 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	TOG	0.095720449
2019 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	ROG	0.095720449
2019 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	HC	1.625944842
2019 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	TOG	1.738345215
2019 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	ROG	1.738345215
2019 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	HC	0.012538647
2019 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	TOG	0.013619025
2019 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	ROG	0.013619025
2019 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	HC	0.000869266
2019 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	TOG	0.000944166
2019 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	ROG	0.000944166
2019 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	HC	0.017998999
2019 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	TOG	0.01955084
2019 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	ROG	0.01955084
2019 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	HC	0.001288601
2019 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	TOG	0.001399631
2019 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	ROG	0.001399631
2019 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	HC	1.127038594
2019 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO	5.533881832
2019 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	NOx	55.66151054
2019 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	SOx	0.063917879
2019 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM	0.119051819
2019 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	TOG	1.62485154
2019 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	ROG	1.427281675
2019 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO2	6699.659051
2019 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CH4	0.066293537
2019 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM10	0.118337508
2019 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM2_5	0.11321828
2019 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM	0.036
2019 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM10	0.036
2019 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM2_5	0.009
2019 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM	0.063
2019 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM10	0.06174

2019 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM2_5	0.02646
2019 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM	0.02
2019 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM10	0.02
2019 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM2_5	0.005
2019 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM	0.063
2019 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM10	0.06174
2019 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM2_5	0.02646
2019 Annual	San Francisco (SF)	HHDT	NG		IDLEX	HC	0.965386792
2019 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO	5.483469784
2019 Annual	San Francisco (SF)	HHDT	NG		IDLEX	NOx	26.86966926
2019 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM	0.077954556
2019 Annual	San Francisco (SF)	HHDT	NG		IDLEX	TOG	1.013764319
2019 Annual	San Francisco (SF)	HHDT	NG		IDLEX	ROG	0.088406082
2019 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO2	6136.62313
2019 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CH4	0.909132466
2019 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM10	0.077486829
2019 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM2_5	0.074134783
2019 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM	0.036
2019 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM10	0.036
2019 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM2_5	0.009
2019 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM	0.063
2019 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM10	0.06174
2019 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM2_5	0.02646
2019 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM	0.008
2019 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM10	0.008
2019 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM2_5	0.002
2019 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM	0.0375
2019 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM10	0.03675
2019 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM2_5	0.01575
2019 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM	0.008
2019 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM10	0.008
2019 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM2_5	0.002
2019 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM	0.0375
2019 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM10	0.03675
2019 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM2_5	0.01575
2020 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 HC	0.696752115
2020 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO	3.340679899
2020 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 NOx	20.60243511
2020 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 SOx	0.035379772
2020 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM	0.05585851
2020 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 TOG	1.004507524
2020 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 ROG	0.882366878
2020 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO2	3708.389802
2020 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CH4	0.040983656
2020 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM10	0.055523358
2020 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM2_5	0.053121443
2020 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 HC	3.221445506
2020 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CO	52.56890625
2020 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 NOx	5.139444059
2020 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 SOx	0.040646833
2020 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM	0.00739011
2020 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 TOG	3.487353318
2020 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 ROG	2.4034278
2020 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CO2	3980.433137
2020 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CH4	0.953050354
2020 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM10	0.006617184
2020 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM2_5	0.006089452
2020 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 HC	17.08929754
2020 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CO	42.31218657
2020 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 NOx	5.712225201
2020 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM	0.014129658
2020 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 TOG	17.61579083
2020 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 ROG	1.07370838
2020 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CO2	5249.678013
2020 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CH4	16.32234266
2020 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM10	0.01404488
2020 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM2_5	0.013437304
2020 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 HC	0.205497213
2020 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CO	2.383865591
2020 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 NOx	0.151135921
2020 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 SOx	0.008350303
2020 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM	0.013449813
2020 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 TOG	0.296265333
2020 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 ROG	0.260239468
2020 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CO2	874.9340328
2020 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CH4	0.012087626
2020 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM10	0.013369114
2020 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM2_5	0.012790772
2020 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 HC	0.115900964
2020 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CO	1.27007937
2020 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 NOx	0.13416018
2020 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 SOx	0.011678955
2020 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM	0.01267331



2020 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 TOG	0.125487871
2020 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 ROG	0.086015883
2020 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CO2	1167.996411
2020 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CH4	0.034733172
2020 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM10	0.011330148
2020 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM2_5	0.010417757
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 HC	0.553050838
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CO	14.52654656
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 NOx	2.25225757
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 SOx	0.000530759
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM	0.001152602
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 TOG	0.577903688
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 ROG	0.528915899
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CO2	28.60608353
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CH4	0.039067894
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM10	0.001073128
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM2_5	0.001007986
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 HC	0.967974885
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CO	25.59161308
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 NOx	3.379933625
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 SOx	0.000955473
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM	0.001573964
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 TOG	1.010962679
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 ROG	0.924439683
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CO2	52.46294812
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CH4	0.068397336
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM10	0.001444937
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM2_5	0.001347415
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 HC	1.734148561
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CO	46.34916296
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 NOx	5.36046597
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 SOx	0.001777206
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM	0.002371092
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 TOG	1.810640286
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 ROG	1.654833145
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CO2	99.76016671
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CH4	0.122554683
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM10	0.002148946
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM2_5	0.001990427
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 HC	2.415423012
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO	65.27660195
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 NOx	6.974571961
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 SOx	0.00256201
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM	0.003107425
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 TOG	2.521730727
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 ROG	2.304354461
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO2	146.5020378
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CH4	0.170709975
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM10	0.002800142
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM2_5	0.002585645
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 HC	3.011798238
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO	82.37393005
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 NOx	8.222251599
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 SOx	0.003309888
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM	0.003782963
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 TOG	3.144234002
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 ROG	2.873003633
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO2	192.6885615
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CH4	0.212863215
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM10	0.003398523
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM2_5	0.003133069
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 HC	3.52327424
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO	97.64114726
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 NOx	9.103504884
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 SOx	0.004020838
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM	0.004397704
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 TOG	3.67815011
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 ROG	3.360780659
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO2	238.3197378
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CH4	0.249014402
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM10	0.003944091
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM2_5	0.003632699
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 HC	3.938103103
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO	111.0782536
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 NOx	9.618331815
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 SOx	0.004694488
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM	0.00495165
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 TOG	4.111148685
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 ROG	3.756312259
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO2	283.3955665
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CH4	0.278335675
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM10	0.004436845
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM2_5	0.004084535

2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 HC	7.505414773
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO	295.3597292
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 NOx	9.516896399
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 SOx	0.009646795
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM	0.006987822
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 TOG	7.834942248
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 ROG	7.158264501
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO2	478.7700066
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CH4	0.530474725
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM10	0.006274261
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM2_5	0.005782483
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 HC	7.970245659
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO	304.75695
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 NOx	9.480869619
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 SOx	0.010652933
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM	0.007415293
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 TOG	8.320218592
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 ROG	7.601688884
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO2	563.3545338
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CH4	0.56332711
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM10	0.006672168
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM2_5	0.006156193
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 HC	8.42099261
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO	314.3522689
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 NOx	9.426071412
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 SOx	0.011611919
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM	0.007824196
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 TOG	8.790795243
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 ROG	8.031687346
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO2	642.9472767
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CH4	0.59518396
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM10	0.007051806
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM2_5	0.006512274
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 HC	8.857655625
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO	324.1456858
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 NOx	9.352501777
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 SOx	0.012523753
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM	0.008214531
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 TOG	9.246672201
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 ROG	8.448259888
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO2	717.5482352
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CH4	0.626045277
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM10	0.007413175
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM2_5	0.006850725
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 HC	9.280234706
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO	334.1372006
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 NOx	9.260160714
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 SOx	0.013388434
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM	0.008586299
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 TOG	9.687849467
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 ROG	8.85140651
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO2	787.1574093
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CH4	0.65591106
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM10	0.007756276
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM2_5	0.007171548
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 HC	9.688729852
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO	344.3268135
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 NOx	9.149048224
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 SOx	0.014205964
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM	0.008939498
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 TOG	10.11432704
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 ROG	9.241127211
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO2	851.7747991
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CH4	0.684781309
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM10	0.008081108
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM2_5	0.007474741
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 HC	10.08314106
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO	354.7145244
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 NOx	9.019164306
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 SOx	0.014976341
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM	0.00927413
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 TOG	10.52610492
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 ROG	9.617421993
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO2	911.4004045
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CH4	0.712656024
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM10	0.008387672
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM2_5	0.007760305
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 HC	10.46346834
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO	365.3003333
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 NOx	8.87050896
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 SOx	0.015699566
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM	0.009590194
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 TOG	10.92318311

2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 ROG	9.980290854
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO2	966.0342255
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CH4	0.739535205
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM10	0.008675967
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM2_5	0.008028239
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 HC	10.82971168
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO	376.0842402
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 NOx	8.703082187
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 SOx	0.016375639
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM	0.00988769
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 TOG	11.3055616
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 ROG	10.3297338
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO2	1015.676262
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CH4	0.765418852
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM10	0.008945993
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM2_5	0.008278545
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 HC	11.18187109
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO	387.0662451
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 NOx	8.516883986
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 SOx	0.01700456
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM	0.010166618
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 TOG	11.67324041
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 ROG	10.66575082
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO2	1060.326514
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CH4	0.790306966
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM10	0.009197751
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM2_5	0.008511221
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 HC	11.54162775
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO	398.6128287
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 NOx	8.411086898
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 SOx	0.017614012
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM	0.010435217
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 TOG	12.04884927
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 ROG	11.00901181
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO2	1102.114527
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CH4	0.815732072
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM10	0.009438608
2020 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM2_5	0.008733043
2020 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	HC	0.050858796
2020 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	TOG	0.054374627
2020 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	ROG	0.054374627
2020 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	HC	3.734971641
2020 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	TOG	3.993167487
2020 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	ROG	3.993167487
2020 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	HC	0.000899688
2020 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	TOG	0.000977208
2020 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	ROG	0.000977208
2020 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	HC	0.000122561
2020 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	TOG	0.000133121
2020 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	ROG	0.000133121
2020 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	HC	0.001228838
2020 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	TOG	0.00133472
2020 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	ROG	0.00133472
2020 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	HC	0.00017026
2020 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	TOG	0.000184931
2020 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	ROG	0.000184931
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 HC	0.009041539
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO	0.128447038
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 NOx	0.118186712
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 SOx	0.000144977
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM	0.000214848
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 TOG	0.009436945
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 ROG	0.008619375
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO2	14.29780284
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CH4	0.000639104
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM10	0.000192112
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM2_5	0.000176659
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 HC	0.017762352
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO	0.252682048
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 NOx	0.125563442
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 SOx	0.000165088
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM	0.000422348
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 TOG	0.018539104
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 ROG	0.016932911
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO2	16.09024423
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CH4	0.001255539
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM10	0.000377635
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM2_5	0.00034725
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 HC	0.034413475
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO	0.491430701
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 NOx	0.138866678
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 SOx	0.000210949
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM	0.00082331

2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 TOG	0.035918345
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 ROG	0.032806388
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO2	20.25796996
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CH4	0.002432532
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM10	0.00073613
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM2_5	0.00067689
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 HC	0.050010591
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO	0.71721753
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 NOx	0.150236283
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 SOx	0.000264327
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM	0.001205556
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 TOG	0.052197486
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 ROG	0.047675069
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO2	25.20281962
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CH4	0.003535023
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM10	0.00107789
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM2_5	0.000991141
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 HC	0.064553701
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO	0.930042536
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 NOx	0.159672256
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 SOx	0.000325224
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM	0.001569086
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 TOG	0.067376525
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 ROG	0.061538955
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO2	30.9247932
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CH4	0.00456301
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM10	0.001402914
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM2_5	0.001290003
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 HC	0.078042804
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO	1.129905719
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 NOx	0.167174599
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 SOx	0.00039364
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM	0.001913898
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 TOG	0.081455464
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 ROG	0.074398047
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO2	37.42389072
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CH4	0.005516495
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM10	0.001711202
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM2_5	0.001573476
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 HC	0.090472151
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO	1.316807079
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 NOx	0.17274331
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 SOx	0.000469573
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM	0.002239994
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 TOG	0.094428296
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 ROG	0.086246852
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO2	44.70011216
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CH4	0.00639507
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM10	0.002002755
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM2_5	0.00184156
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 HC	0.152062791
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO	2.218758184
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 NOx	0.186469882
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 SOx	0.001075651
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM	0.003634558
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 TOG	0.158712604
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 ROG	0.144962173
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO2	103.8231387
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CH4	0.01074862
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM10	0.003249575
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM2_5	0.002988004
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 HC	0.235163022
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO	3.920664856
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 NOx	0.17683439
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 SOx	0.001245324
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM	0.004040333
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 TOG	0.245446121
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 ROG	0.224180126
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO2	117.8881826
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CH4	0.01662262
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM10	0.003612352
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM2_5	0.003321571
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 HC	0.249796676
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO	4.240032586
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 NOx	0.175497031
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 SOx	0.001390834
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM	0.00440228
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 TOG	0.26071966
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 ROG	0.238130318
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO2	131.9215418
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CH4	0.017657008
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM10	0.003935946
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM2_5	0.003619111

2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 HC	0.264291879
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO	4.523076493
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 NOx	0.173325844
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 SOx	0.001535453
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM	0.004720396
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 TOG	0.275848692
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 ROG	0.25194852
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO2	145.9232164
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CH4	0.01868161
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM10	0.004220356
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM2_5	0.003880622
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 HC	0.278648632
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO	4.769796576
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 NOx	0.170320829
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 SOx	0.001679182
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM	0.004994684
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 TOG	0.290833218
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 ROG	0.265634734
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO2	159.8932063
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CH4	0.019696425
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM10	0.004465582
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM2_5	0.004106104
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 HC	0.292866934
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO	4.980192836
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 NOx	0.166481988
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 SOx	0.001822021
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM	0.005225142
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 TOG	0.305673238
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 ROG	0.279188958
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO2	173.8315116
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CH4	0.020701453
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM10	0.004671623
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM2_5	0.004295558
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 HC	0.306946786
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO	5.154265271
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 NOx	0.161809319
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 SOx	0.00196397
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM	0.00541177
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 TOG	0.320368751
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 ROG	0.292611193
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO2	187.7381323
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CH4	0.021696696
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM10	0.004838481
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM2_5	0.004448984
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 HC	0.320888188
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO	5.292013882
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 NOx	0.156302823
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 SOx	0.002105028
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM	0.005554569
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 TOG	0.334919757
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 ROG	0.305901439
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO2	201.6130683
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CH4	0.022682151
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM10	0.004966155
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM2_5	0.004566381
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 HC	0.334691139
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO	5.39343867
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 NOx	0.1499625
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 SOx	0.002245197
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM	0.005653539
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 TOG	0.349326257
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 ROG	0.319059696
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO2	215.4563197
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CH4	0.023657821
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM10	0.005054646
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM2_5	0.00464775
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 HC	0.348355639
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO	5.458539633
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 NOx	0.14278835
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 SOx	0.002384475
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM	0.005708679
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 TOG	0.363588251
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 ROG	0.332085964
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO2	229.2678865
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CH4	0.024623704
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM10	0.005103952
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM2_5	0.004693091
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 HC	0.362093762
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO	5.488352191
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 NOx	0.135253888
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 SOx	0.002523021
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM	0.005720467
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 TOG	0.377927087

2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 ROG	0.345182418
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO2	243.0613233
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CH4	0.025594791
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM10	0.005114501
2020 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM2_5	0.004702796
2020 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	HC	0.083465003
2020 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	TOG	0.089234878
2020 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	ROG	0.089234878
2020 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	HC	1.542183038
2020 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	TOG	1.648793018
2020 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	ROG	1.648793018
2020 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	HC	0.012107563
2020 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	TOG	0.013150797
2020 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	ROG	0.013150797
2020 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	HC	0.000832513
2020 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	TOG	0.000904246
2020 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	ROG	0.000904246
2020 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	HC	0.017182253
2020 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	TOG	0.018662741
2020 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	ROG	0.018662741
2020 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	HC	0.001216693
2020 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	TOG	0.001321528
2020 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	ROG	0.001321528
2020 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	HC	0.957292125
2020 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO	4.786444805
2020 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	NOx	51.43935334
2020 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	SOx	0.0631443
2020 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM	0.083824768
2020 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	TOG	1.380128056
2020 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	ROG	1.212314747
2020 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO2	6618.575028
2020 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CH4	0.05630888
2020 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM10	0.08332182
2020 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM2_5	0.079717355
2020 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM	0.036
2020 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM10	0.036
2020 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM2_5	0.009
2020 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM	0.063
2020 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM10	0.06174
2020 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM2_5	0.02646
2020 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM	0.02
2020 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM10	0.02
2020 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM2_5	0.005
2020 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM	0.063
2020 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM10	0.06174
2020 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM2_5	0.02646
2020 Annual	San Francisco (SF)	HHDT	NG		IDLEX	HC	0.888856134
2020 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO	4.991091119
2020 Annual	San Francisco (SF)	HHDT	NG		IDLEX	NOx	25.35416668
2020 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM	0.06708489
2020 Annual	San Francisco (SF)	HHDT	NG		IDLEX	TOG	0.930361215
2020 Annual	San Francisco (SF)	HHDT	NG		IDLEX	ROG	0.07687461
2020 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO2	6070.707751
2020 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CH4	0.839168513
2020 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM10	0.066682381
2020 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM2_5	0.06379773
2020 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM	0.036
2020 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM10	0.036
2020 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM2_5	0.009
2020 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM	0.063
2020 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM10	0.06174
2020 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM2_5	0.02646
2020 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM	0.008
2020 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM10	0.008
2020 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM2_5	0.002
2020 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM	0.0375
2020 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM10	0.03675
2020 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM2_5	0.01575
2020 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM	0.008
2020 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM10	0.008
2020 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM2_5	0.002
2020 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM	0.0375
2020 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM10	0.03675
2020 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM2_5	0.01575
2021 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 HC	0.666147347
2021 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO	3.343766808
2021 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 NOx	20.1907246
2021 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 SOx	0.034581163
2021 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM	0.049106239
2021 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 TOG	0.96038463
2021 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 ROG	0.843609
2021 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO2	3624.68225
2021 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CH4	0.039183453

2021 Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	PM10	0.048811602
2021 Annual	San Francisco (SF)	HHDT	Dsl	57	75	RUNEX	5	PM2_5	0.046700034
2021 Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	HC	2.958564474
2021 Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	CO	50.94640356
2021 Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	NOx	5.027634661
2021 Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	SOx	0.040302998
2021 Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	PM	0.007340866
2021 Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	TOG	3.203305919
2021 Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	ROG	2.195251557
2021 Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	CO2	3949.360604
2021 Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	CH4	0.887058546
2021 Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	PM10	0.006562734
2021 Annual	San Francisco (SF)	HHDT	Gas	57	75	RUNEX	5	PM2_5	0.006034192
2021 Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	HC	16.46087541
2021 Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	CO	42.72314749
2021 Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	NOx	5.08498541
2021 Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	PM	0.012804515
2021 Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	TOG	16.91140822
2021 Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	ROG	0.949938212
2021 Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	CO2	5210.485907
2021 Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	CH4	15.76139003
2021 Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	PM10	0.012727688
2021 Annual	San Francisco (SF)	HHDT	NG	57	75	RUNEX	5	PM2_5	0.012177094
2021 Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	HC	0.205950277
2021 Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	CO	2.428693868
2021 Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	NOx	0.150519356
2021 Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	SOx	0.008137728
2021 Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	PM	0.012850349
2021 Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	TOG	0.296918515
2021 Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	ROG	0.260813223
2021 Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	CO2	852.6607103
2021 Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	CH4	0.012114276
2021 Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	PM10	0.012773247
2021 Annual	San Francisco (SF)	LDT2	Dsl	57	75	RUNEX	5	PM2_5	0.012220682
2021 Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	HC	0.107768919
2021 Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	CO	1.196784578
2021 Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	NOx	0.121731206
2021 Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	SOx	0.011289782
2021 Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	PM	0.012709974
2021 Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	TOG	0.116683371
2021 Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	ROG	0.079976204
2021 Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	CO2	1129.137974
2021 Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	CH4	0.032300546
2021 Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	PM10	0.011362866
2021 Annual	San Francisco (SF)	LDT2	Gas	57	75	RUNEX	5	PM2_5	0.01044781
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	HC	0.384878424
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	CO	11.64642711
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	NOx	2.089615029
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	SOx	0.00043007
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	PM	0.000496447
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	TOG	0.401705531
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	ROG	0.366896542
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	CO2	23.57532767
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	CH4	0.027205431
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	PM10	0.000443824
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	5	PM2_5	0.00040808
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	HC	0.750216912
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	CO	22.81964219
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	NOx	3.148505832
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	SOx	0.000850799
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	PM	0.000972724
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	TOG	0.783016829
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	ROG	0.715166072
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	CO2	47.02019608
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	CH4	0.053029666
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	PM10	0.000869615
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	10	PM2_5	0.000799579
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	HC	1.422274079
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	CO	43.74643626
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	NOx	5.008066928
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	SOx	0.001664235
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	PM	0.001864761
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	TOG	1.484456724
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	ROG	1.355824095
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	CO2	93.5185551
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	CH4	0.10053455
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	PM10	0.001667097
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	20	PM2_5	0.001532834
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	30	HC	2.016171501
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	30	CO	62.78038221
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	30	NOx	6.52333401
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	30	SOx	0.002440306
2021 Annual	San Francisco (SF)	HHDT	Gas	57		STREX	30	PM	0.002676114

2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 TOG	2.104319684
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 ROG	1.92197407
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO2	139.4950771
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CH4	0.142514651
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM10	0.002392446
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM2_5	0.002199765
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 HC	2.531909178
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO	79.92148005
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 NOx	7.694307079
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 SOx	0.003179015
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM	0.00340678
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 TOG	2.64260571
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 ROG	2.413615997
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO2	184.949762
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CH4	0.17896997
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM10	0.003045661
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM2_5	0.002800373
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 HC	2.969487109
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO	95.16972977
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 NOx	8.520986134
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 SOx	0.003880359
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM	0.004056761
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 TOG	3.099314801
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 ROG	2.830749876
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO2	229.8826099
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CH4	0.209900506
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM10	0.003626744
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM2_5	0.003334658
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 HC	3.328905295
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO	108.5251314
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 NOx	9.003371176
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 SOx	0.00454434
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM	0.004626056
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 TOG	3.474446958
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 ROG	3.173375706
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO2	274.2936207
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CH4	0.23530626
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM10	0.004135694
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM2_5	0.003802618
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 HC	6.324599887
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO	285.0330367
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 NOx	8.909287481
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 SOx	0.009325303
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM	0.0063423
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 TOG	6.601115048
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 ROG	6.029108626
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO2	466.526337
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CH4	0.447059262
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM10	0.005670016
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM2_5	0.00521337
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 HC	6.710816634
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO	293.3653266
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 NOx	8.876562224
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 SOx	0.010312801
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM	0.006527703
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 TOG	7.004217415
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 ROG	6.397280963
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO2	551.1657906
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CH4	0.474359294
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM10	0.005835766
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM2_5	0.005365771
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 HC	7.084778876
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO	301.9722614
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 NOx	8.826550873
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 SOx	0.011254367
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM	0.006719216
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 TOG	7.394529502
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 ROG	6.753771337
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO2	630.8096335
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CH4	0.500793106
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM10	0.006006979
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM2_5	0.005523196
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 HC	7.446486613
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO	310.8538411
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 NOx	8.759253428
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 SOx	0.012150001
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM	0.006916841
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 TOG	7.772051311
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 ROG	7.098579748
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO2	705.4578656
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CH4	0.526360698
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM10	0.006183656
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM2_5	0.005685644



2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 HC	7.795939846
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO	320.0100657
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 NOx	8.674669889
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 SOx	0.012999703
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM	0.007120577
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 TOG	8.13678284
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 ROG	7.431706196
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO2	775.110487
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CH4	0.551062072
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM10	0.006365796
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM2_5	0.005853115
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 HC	8.133138573
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO	329.4409352
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 NOx	8.572800257
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 SOx	0.013803473
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM	0.007330425
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 TOG	8.48872409
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 ROG	7.753150682
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO2	839.7674977
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CH4	0.574897226
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM10	0.0065534
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM2_5	0.006025609
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 HC	8.458082795
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO	339.1464496
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 NOx	8.453644531
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 SOx	0.014561311
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM	0.007546383
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 TOG	8.827875062
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 ROG	8.062913204
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO2	899.4288976
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CH4	0.597866161
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM10	0.006746466
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM2_5	0.006203127
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 HC	8.770772512
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO	349.1266088
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 NOx	8.317202711
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 SOx	0.015273217
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM	0.007768453
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 TOG	9.154235754
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 ROG	8.360993763
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO2	954.0946869
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CH4	0.619968877
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM10	0.006944997
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM2_5	0.006385668
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 HC	9.071207724
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO	359.381413
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 NOx	8.163474798
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 SOx	0.01593919
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM	0.007996633
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 TOG	9.467806167
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 ROG	8.647392359
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO2	1003.764865
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CH4	0.641205374
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM10	0.00714899
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM2_5	0.006573233
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 HC	9.359388431
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO	369.9108621
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 NOx	7.992460791
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 SOx	0.016559232
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM	0.008230925
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 TOG	9.768586301
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 ROG	8.922108992
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO2	1048.439433
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CH4	0.661575651
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM10	0.007358447
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM2_5	0.006765821
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 HC	9.654081589
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO	381.0701744
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 NOx	7.897520886
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 SOx	0.017160773
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM	0.008479232
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 TOG	10.07616361
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 ROG	9.203033808
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO2	1090.249566
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CH4	0.682406266
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM10	0.007580434
2021 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM2_5	0.006969929
2021 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	HC	0.036126289
2021 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	TOG	0.038623673
2021 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	ROG	0.038623673
2021 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	HC	2.967782371
2021 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	TOG	3.172942986
2021 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	ROG	3.172942986

2021 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	HC	0.000777236
2021 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	TOG	0.000844205
2021 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	ROG	0.000844205
2021 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	HC	0.000104792
2021 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	TOG	0.000113822
2021 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	ROG	0.000113822
2021 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	HC	0.001055911
2021 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	TOG	0.001146892
2021 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	ROG	0.001146892
2021 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	HC	0.00014453
2021 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	TOG	0.000156984
2021 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	ROG	0.000156984
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 HC	0.007837211
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO	0.114718519
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 NOx	0.103304489
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 SOx	0.000141029
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM	0.000214207
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 TOG	0.00817993
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 ROG	0.007471231
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO2	13.92749728
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CH4	0.000553977
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM10	0.000191528
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM2_5	0.000176117
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 HC	0.015416185
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO	0.225933385
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 NOx	0.109397059
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 SOx	0.00016022
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM	0.000421905
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 TOG	0.016090307
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 ROG	0.014696225
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO2	15.6519154
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CH4	0.001089701
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM10	0.000377224
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM2_5	0.000346864
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 HC	0.02991857
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO	0.439869746
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 NOx	0.120403574
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 SOx	0.00020413
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM	0.000823615
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 TOG	0.03122683
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 ROG	0.02852126
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO2	19.66998659
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CH4	0.00211481
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM10	0.000736378
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM2_5	0.000677105
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 HC	0.043546872
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO	0.642481613
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 NOx	0.129838586
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 SOx	0.000255409
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM	0.001207076
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 TOG	0.045451045
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 ROG	0.041513028
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO2	24.44703771
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CH4	0.003078134
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM10	0.001079215
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM2_5	0.000992343
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 HC	0.056301089
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO	0.833768984
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 NOx	0.137702097
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 SOx	0.000314056
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM	0.001572287
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 TOG	0.058762952
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 ROG	0.053671526
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO2	29.98306876
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CH4	0.003979673
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM10	0.001405736
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM2_5	0.001292577
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 HC	0.068181223
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO	1.013731861
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 NOx	0.143994105
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 SOx	0.000380072
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM	0.00191925
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 TOG	0.07116255
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 ROG	0.064996756
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO2	36.27807975
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CH4	0.004819428
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM10	0.00171594
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM2_5	0.001577808
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 HC	0.079183283
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO	1.182370244
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 NOx	0.148714611
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 SOx	0.000453456
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM	0.002247965

2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 TOG	0.082645672
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 ROG	0.075484907
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO2	43.33207066
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CH4	0.005597115
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM10	0.002009827
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM2_5	0.001848035
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 HC	0.134116771
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO	1.989392641
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 NOx	0.160829481
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 SOx	0.0010416
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM	0.003662859
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 TOG	0.139981502
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 ROG	0.127853414
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO2	100.8281528
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CH4	0.009480109
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM10	0.003274801
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM2_5	0.003011161
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 HC	0.208275306
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO	3.543087641
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 NOx	0.152497511
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 SOx	0.001204395
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM	0.004078564
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 TOG	0.217382358
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 ROG	0.198547361
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO2	114.4652356
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CH4	0.01472206
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM10	0.003646452
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM2_5	0.003352885
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 HC	0.221289466
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO	3.837047443
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 NOx	0.151338097
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 SOx	0.001345244
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM	0.004449018
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 TOG	0.230965569
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 ROG	0.210953651
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO2	128.0766752
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CH4	0.015641974
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM10	0.003977647
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM2_5	0.003657412
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 HC	0.234191305
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO	4.097131581
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 NOx	0.149450598
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 SOx	0.001485303
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM	0.00477422
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 TOG	0.244431547
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 ROG	0.223252862
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO2	141.6624716
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CH4	0.016553948
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM10	0.004268387
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM2_5	0.003924741
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 HC	0.246980824
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO	4.323340052
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 NOx	0.146835013
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 SOx	0.001624571
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM	0.00505417
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 TOG	0.257780291
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 ROG	0.235444996
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO2	155.2226248
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CH4	0.017457983
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM10	0.004518672
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM2_5	0.004154874
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 HC	0.259658021
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO	4.515672859
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 NOx	0.143491344
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 SOx	0.001763048
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM	0.005288868
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 TOG	0.271011801
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 ROG	0.247530051
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO2	168.7571349
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CH4	0.018354078
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM10	0.004728501
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM2_5	0.004347809
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 HC	0.272222898
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO	4.67413
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 NOx	0.13941959
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 SOx	0.001900735
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM	0.005478315
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 TOG	0.284126078
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 ROG	0.259508028
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO2	182.2660018
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CH4	0.019242234
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM10	0.004897875
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM2_5	0.004503546

2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 HC	0.284675453
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO	4.798711475
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 NOx	0.134619751
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 SOx	0.002037631
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM	0.00562251
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 TOG	0.297123121
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 ROG	0.271378927
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO2	195.7492254
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CH4	0.020122451
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM10	0.005026794
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM2_5	0.004622087
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 HC	0.297015688
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO	4.889417285
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 NOx	0.129091827
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 SOx	0.002173737
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM	0.005721453
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 TOG	0.310002931
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 ROG	0.283142748
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO2	209.2068059
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CH4	0.020994728
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM10	0.005115258
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM2_5	0.00470343
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 HC	0.309243602
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO	4.94624743
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 NOx	0.122835817
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 SOx	0.002309051
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM	0.005775144
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 TOG	0.322765507
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 ROG	0.294799491
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO2	222.6387433
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CH4	0.021859065
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM10	0.005163266
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM2_5	0.004747575
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 HC	0.321531236
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO	4.970039734
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 NOx	0.116234494
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 SOx	0.002443704
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM	0.005783971
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 TOG	0.335590415
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 ROG	0.306513166
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO2	236.0560139
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CH4	0.022727624
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM10	0.005171164
2021 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM2_5	0.004754842
2021 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	HC	0.078314257
2021 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	TOG	0.083728064
2021 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	ROG	0.083728064
2021 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	HC	1.476519029
2021 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	TOG	1.578589705
2021 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	ROG	1.578589705
2021 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	HC	0.011744125
2021 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	TOG	0.012756043
2021 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	ROG	0.012756043
2021 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	HC	0.000801356
2021 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	TOG	0.000870404
2021 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	ROG	0.000870404
2021 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	HC	0.016502763
2021 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	TOG	0.017924704
2021 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	ROG	0.017924704
2021 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	HC	0.00115679
2021 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	TOG	0.001256463
2021 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	ROG	0.001256463
2021 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	HC	0.912260747
2021 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO	4.565655194
2021 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	NOx	48.63730049
2021 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	SOx	0.06241611
2021 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM	0.07597374
2021 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	TOG	1.315206319
2021 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	ROG	1.15528701
2021 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO2	6542.248616
2021 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CH4	0.053660089
2021 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM10	0.075517897
2021 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM2_5	0.072251026
2021 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM	0.036
2021 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM10	0.036
2021 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM2_5	0.009
2021 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM	0.063
2021 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM10	0.06174
2021 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM2_5	0.02646
2021 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM	0.02
2021 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM10	0.02
2021 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM2_5	0.005
2021 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM	0.063

2021 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM10	0.06174
2021 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM2_5	0.02646
2021 Annual	San Francisco (SF)	HHDT	NG		IDLEX	HC	0.823860859
2021 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO	4.573283668
2021 Annual	San Francisco (SF)	HHDT	NG		IDLEX	NOx	24.06342619
2021 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM	0.057914814
2021 Annual	San Francisco (SF)	HHDT	NG		IDLEX	TOG	0.85955278
2021 Annual	San Francisco (SF)	HHDT	NG		IDLEX	ROG	0.067116124
2021 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO2	6013.416516
2021 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CH4	0.77973391
2021 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM10	0.057567325
2021 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM2_5	0.055076988
2021 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM	0.036
2021 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM10	0.036
2021 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM2_5	0.009
2021 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM	0.063
2021 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM10	0.06174
2021 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM2_5	0.02646
2021 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM	0.008
2021 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM10	0.008
2021 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM2_5	0.002
2021 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM	0.0375
2021 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM10	0.03675
2021 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM2_5	0.01575
2021 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM	0.008
2021 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM10	0.008
2021 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM2_5	0.002
2021 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM	0.0375
2021 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM10	0.03675
2021 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM2_5	0.01575
2022 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 HC	0.635112062
2022 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO	3.342197892
2022 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 NOx	19.80781219
2022 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 SOx	0.033750335
2022 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM	0.044095307
2022 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 TOG	0.91564106
2022 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 ROG	0.804305916
2022 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO2	3537.597652
2022 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CH4	0.037357927
2022 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM10	0.043830735
2022 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM2_5	0.041934637
2022 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 HC	2.771186635
2022 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CO	50.21385641
2022 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 NOx	4.932103619
2022 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 SOx	0.040025667
2022 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM	0.007457955
2022 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 TOG	3.000427615
2022 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 ROG	2.056217408
2022 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CO2	3923.314467
2022 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CH4	0.830877545
2022 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM10	0.006667412
2022 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM2_5	0.006130439
2022 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 HC	15.93625539
2022 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CO	43.06731037
2022 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 NOx	4.560878829
2022 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM	0.011703938
2022 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 TOG	16.32329972
2022 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 ROG	0.846500478
2022 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CO2	5176.889454
2022 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CH4	15.29314704
2022 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM10	0.011633715
2022 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM2_5	0.011130446
2022 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 HC	0.206348844
2022 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CO	2.465496846
2022 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 NOx	0.150059946
2022 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 SOx	0.007909938
2022 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM	0.012393287
2022 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 TOG	0.297493128
2022 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 ROG	0.261317963
2022 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CO2	828.7931556
2022 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CH4	0.01213772
2022 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM10	0.012318928
2022 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM2_5	0.011786016
2022 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 HC	0.10087679
2022 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CO	1.142367478
2022 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 NOx	0.111592177
2022 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 SOx	0.010898413
2022 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM	0.012778319
2022 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 TOG	0.109221272
2022 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 ROG	0.074858445
2022 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CO2	1090.02591
2022 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CH4	0.03023782
2022 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM10	0.011423926

2022 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM2_5	0.010503932
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 HC	0.332243266
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CO	11.22515038
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 NOx	1.951742229
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 SOx	0.000419577
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM	0.000472112
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 TOG	0.346769134
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 ROG	0.316720548
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CO2	23.35281841
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CH4	0.023484874
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM10	0.000422068
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM2_5	0.000388076
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 HC	0.647618837
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CO	21.99420584
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 NOx	2.940767416
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 SOx	0.000830179
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM	0.000925042
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 TOG	0.675933107
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 ROG	0.617361475
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CO2	46.57640885
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CH4	0.045777441
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM10	0.000826987
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM2_5	0.000760384
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 HC	1.22776689
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CO	42.16403203
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 NOx	4.67763467
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 SOx	0.001624456
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM	0.001773352
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 TOG	1.281445567
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 ROG	1.170404465
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CO2	92.63590587
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CH4	0.086785658
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM10	0.001585377
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM2_5	0.001457696
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 HC	1.740444158
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO	60.50947855
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 NOx	6.092924443
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 SOx	0.00238283
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM	0.002544933
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 TOG	1.816537382
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 ROG	1.659128969
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO2	138.178491
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CH4	0.123024649
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM10	0.00227517
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM2_5	0.002091935
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 HC	2.185650643
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO	77.0305454
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 NOx	7.186636695
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 SOx	0.003105301
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM	0.003239783
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 TOG	2.281208552
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 ROG	2.083534987
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO2	183.2041644
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CH4	0.154494416
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM10	0.002896366
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM2_5	0.002663102
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 HC	2.563386344
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO	91.7272326
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 NOx	7.958771466
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 SOx	0.003791871
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM	0.003857902
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 TOG	2.675459076
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 ROG	2.44362252
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO2	227.7129259
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CH4	0.181194958
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM10	0.003448965
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM2_5	0.003171196
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 HC	2.87365126
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO	104.5995401
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 NOx	8.409328743
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 SOx	0.004442537
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM	0.004399291
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 TOG	2.999288954
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 ROG	2.739391568
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO2	271.7047756
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CH4	0.203126275
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM10	0.003932966
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM2_5	0.003616217
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 HC	5.3599838
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO	270.6005023
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 NOx	8.3217702
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 SOx	0.00902451
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM	0.006031406

2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 TOG	5.594325389
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 ROG	5.109560311
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO2	462.1231561
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CH4	0.378874624
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM10	0.005392077
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM2_5	0.004957816
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 HC	5.687295495
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO	278.51089
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 NOx	8.291202989
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 SOx	0.009995556
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM	0.00620772
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 TOG	5.93594734
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 ROG	5.421579695
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO2	545.9637634
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CH4	0.402010906
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM10	0.005549702
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM2_5	0.005102746
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 HC	6.004221719
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO	286.6820161
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 NOx	8.244489605
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 SOx	0.010920981
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM	0.006389846
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 TOG	6.266729762
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 ROG	5.723698828
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO2	624.8559098
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CH4	0.424413082
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM10	0.005712523
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM2_5	0.005252454
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 HC	6.310762472
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO	295.1138805
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 NOx	8.181630047
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 SOx	0.011800786
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM	0.006577784
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 TOG	6.586672654
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 ROG	6.015917708
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO2	698.799595
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CH4	0.446081154
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM10	0.005880539
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM2_5	0.005406938
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 HC	6.606917754
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO	303.8064833
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 NOx	8.102624316
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 SOx	0.012634971
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM	0.006771533
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 TOG	6.895776016
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 ROG	6.298236337
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO2	767.7948193
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CH4	0.46701512
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM10	0.006053751
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM2_5	0.0055662
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 HC	6.892687565
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO	312.7598245
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 NOx	8.007472412
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 SOx	0.013423535
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM	0.006971094
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 TOG	7.194039848
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 ROG	6.570654713
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO2	831.8415825
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CH4	0.487214982
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM10	0.006232158
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM2_5	0.005730239
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 HC	7.168071905
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO	321.973904
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 NOx	7.896174334
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 SOx	0.014166478
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM	0.007176466
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 TOG	7.481464151
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 ROG	6.833172838
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO2	890.9398847
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CH4	0.506680738
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM10	0.006415761
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM2_5	0.005899055
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 HC	7.433070775
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO	331.4487219
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 NOx	7.768730083
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 SOx	0.014863802
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM	0.00738765
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 TOG	7.758048923
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 ROG	7.08579071
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO2	945.0897258
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CH4	0.525412389
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM10	0.006604559
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM2_5	0.006072648

2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 HC	7.687684173
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO	341.1842781
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 NOx	7.625139659
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 SOx	0.015515504
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM	0.007604646
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 TOG	8.023794167
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 ROG	7.328508331
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO2	994.2911059
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CH4	0.543409935
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM10	0.006798553
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM2_5	0.006251019
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 HC	7.9319121
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO	351.1805727
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 NOx	7.465403061
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 SOx	0.016121586
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM	0.007827453
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 TOG	8.27869988
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 ROG	7.561325699
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO2	1038.544025
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CH4	0.560673376
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM10	0.006997743
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM2_5	0.006434166
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 HC	8.181659211
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO	361.7748377
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 NOx	7.376723908
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 SOx	0.016708906
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM	0.008063588
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 TOG	8.539366079
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 ROG	7.79940439
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO2	1079.959545
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CH4	0.578326945
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM10	0.007208848
2022 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM2_5	0.006628269
2022 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	HC	0.032386028
2022 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	TOG	0.03462485
2022 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	ROG	0.03462485
2022 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	HC	2.524765236
2022 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	TOG	2.699300403
2022 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	ROG	2.699300403
2022 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	HC	0.000717156
2022 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	TOG	0.000778949
2022 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	ROG	0.000778949
2022 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	HC	9.56E-05
2022 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	TOG	0.000103789
2022 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	ROG	0.000103789
2022 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	HC	0.000968518
2022 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	TOG	0.00105197
2022 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	ROG	0.00105197
2022 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	HC	0.000130711
2022 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	TOG	0.000141974
2022 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	ROG	0.000141974
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 HC	0.006872502
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO	0.104001852
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 NOx	0.091212839
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 SOx	0.000136886
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM	0.000214891
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 TOG	0.007173022
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 ROG	0.006551538
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO2	13.53220786
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CH4	0.000485786
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM10	0.000192133
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM2_5	0.000176669
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 HC	0.013533783
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO	0.205019542
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 NOx	0.096299049
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 SOx	0.000155236
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM	0.000423839
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 TOG	0.014125569
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 ROG	0.012901679
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO2	15.19121393
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CH4	0.000956643
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM10	0.000378942
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM2_5	0.000348438
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 HC	0.026306612
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO	0.399518792
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 NOx	0.105504245
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 SOx	0.000197331
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM	0.000828254
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 TOG	0.027456894
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 ROG	0.025077902
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO2	19.06343376
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CH4	0.001859498
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM10	0.000740509



2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM2_5	0.000680895
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 HC	0.038346466
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO	0.583969871
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 NOx	0.113419809
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 SOx	0.000246619
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM	0.001214697
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 TOG	0.040023191
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 ROG	0.036555379
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO2	23.67459719
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CH4	0.002710543
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM10	0.001086006
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM2_5	0.000998576
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 HC	0.049653345
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO	0.758372778
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 NOx	0.120045741
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 SOx	0.0003031
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM	0.001583167
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 TOG	0.051824461
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 ROG	0.047334109
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO2	29.0247042
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CH4	0.003509776
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM10	0.001415434
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM2_5	0.001301481
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 HC	0.060227248
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO	0.922727513
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 NOx	0.125382042
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 SOx	0.000366774
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM	0.001933665
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 TOG	0.062860702
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 ROG	0.057414093
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO2	35.1137548
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CH4	0.004257199
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM10	0.001728793
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM2_5	0.00158961
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 HC	0.070065365
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO	1.077034076
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 NOx	0.12942871
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 SOx	0.000437641
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM	0.002266189
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 TOG	0.07312898
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 ROG	0.066792647
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO2	41.94174899
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CH4	0.004952613
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM10	0.002026083
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM2_5	0.001862963
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 HC	0.119545804
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO	1.810087534
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 NOx	0.140221948
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 SOx	0.001007437
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM	0.003704702
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 TOG	0.124773165
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 ROG	0.11396241
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO2	97.73265608
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CH4	0.00845016
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM10	0.003312157
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM2_5	0.003045482
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 HC	0.186348614
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO	3.2468306
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 NOx	0.132939712
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 SOx	0.001163817
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM	0.004130496
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 TOG	0.19449668
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 ROG	0.177644248
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO2	110.9340391
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CH4	0.013172167
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM10	0.003692824
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM2_5	0.003395496
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 HC	0.198036922
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO	3.520718102
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 NOx	0.131923858
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 SOx	0.001300009
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM	0.004509669
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 TOG	0.206696052
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 ROG	0.188786582
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO2	124.1144867
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CH4	0.013998363
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM10	0.004031812
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM2_5	0.003707186
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 HC	0.209633214
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO	3.762678033
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 NOx	0.130265752
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 SOx	0.001435489
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM	0.004842222

2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 TOG	0.218799385
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 ROG	0.199841195
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO2	137.2739989
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CH4	0.014818054
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM10	0.004329122
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM2_5	0.003980555
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 HC	0.221137492
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO	3.972710392
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 NOx	0.127965395
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 SOx	0.001570255
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM	0.005128155
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 TOG	0.230806679
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 ROG	0.21080809
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO2	150.4125758
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CH4	0.015631241
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM10	0.004584753
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM2_5	0.004215602
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 HC	0.232549755
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO	4.150815181
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 NOx	0.125022786
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 SOx	0.00170431
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM	0.005367468
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 TOG	0.242717934
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 ROG	0.221687266
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO2	163.5302173
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CH4	0.016437924
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM10	0.004798705
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM2_5	0.004412326
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 HC	0.243870004
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO	4.296992398
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 NOx	0.121437926
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 SOx	0.001837652
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM	0.00556016
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 TOG	0.25453315
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 ROG	0.232478722
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO2	176.6269234
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CH4	0.017238104
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM10	0.004970978
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM2_5	0.004570728
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 HC	0.255098238
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO	4.411242043
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 NOx	0.117210814
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 SOx	0.001970281
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM	0.005706232
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 TOG	0.266252328
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 ROG	0.24318246
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO2	189.7026942
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CH4	0.018031779
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM10	0.005101573
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM2_5	0.004690808
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 HC	0.266234457
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO	4.493564117
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 NOx	0.11234145
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 SOx	0.002102198
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM	0.005805683
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 TOG	0.277875466
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 ROG	0.253798478
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO2	202.7575295
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CH4	0.01881895
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM10	0.005190488
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM2_5	0.004772566
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 HC	0.277278662
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO	4.543958621
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 NOx	0.106829835
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 SOx	0.002233402
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM	0.005858514
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 TOG	0.289402565
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 ROG	0.264326777
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO2	215.7914295
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CH4	0.019599616
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM10	0.005237725
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM2_5	0.004816002
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 HC	0.288371785
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO	4.56311093
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 NOx	0.100988247
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 SOx	0.002363999
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM	0.005865041
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 TOG	0.300980722
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 ROG	0.27490171
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO2	228.8133612
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CH4	0.020383741
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM10	0.005243567
2022 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM2_5	0.004821375

2022 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	HC	0.073868246
2022 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	TOG	0.078974703
2022 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	ROG	0.078974703
2022 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	HC	1.428782102
2022 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	TOG	1.527552759
2022 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	ROG	1.527552759
2022 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	HC	0.011427033
2022 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	TOG	0.01241163
2022 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	ROG	0.01241163
2022 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	HC	0.000774414
2022 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	TOG	0.000841141
2022 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	ROG	0.000841141
2022 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	HC	0.015924404
2022 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	TOG	0.017296512
2022 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	ROG	0.017296512
2022 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	HC	0.001106302
2022 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	TOG	0.001201625
2022 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	ROG	0.001201625
2022 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	HC	0.867049156
2022 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO	4.340978475
2022 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	NOx	45.72671962
2022 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	SOx	0.061561932
2022 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM	0.068454409
2022 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	TOG	1.250024768
2022 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	ROG	1.098031051
2022 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO2	6452.716483
2022 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CH4	0.051000698
2022 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM10	0.068043683
2022 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM2_5	0.065100143
2022 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM	0.036
2022 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM10	0.036
2022 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM2_5	0.009
2022 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM	0.063
2022 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM10	0.06174
2022 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM2_5	0.02646
2022 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM	0.02
2022 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM10	0.02
2022 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM2_5	0.005
2022 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM	0.063
2022 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM10	0.06174
2022 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM2_5	0.02646
2022 Annual	San Francisco (SF)	HHDT	NG		IDLEX	HC	0.76936698
2022 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO	4.223242833
2022 Annual	San Francisco (SF)	HHDT	NG		IDLEX	NOx	22.97843649
2022 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM	0.050272207
2022 Annual	San Francisco (SF)	HHDT	NG		IDLEX	TOG	0.800202375
2022 Annual	San Francisco (SF)	HHDT	NG		IDLEX	ROG	0.058960233
2022 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO2	5964.42734
2022 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CH4	0.729890191
2022 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM10	0.049970574
2022 Annual	San Francisco (SF)	HHDT	NG		IDLEX	PM2_5	0.047808869
2022 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM	0.036
2022 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM10	0.036
2022 Annual	San Francisco (SF)	HHDT	NG		PMTW	PM2_5	0.009
2022 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM	0.063
2022 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM10	0.06174
2022 Annual	San Francisco (SF)	HHDT	NG		PMBW	PM2_5	0.02646
2022 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM	0.008
2022 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM10	0.008
2022 Annual	San Francisco (SF)	LDT2	Dsl		PMTW	PM2_5	0.002
2022 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM	0.0375
2022 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM10	0.03675
2022 Annual	San Francisco (SF)	LDT2	Dsl		PMBW	PM2_5	0.01575
2022 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM	0.008
2022 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM10	0.008
2022 Annual	San Francisco (SF)	LDT2	Gas		PMTW	PM2_5	0.002
2022 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM	0.0375
2022 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM10	0.03675
2022 Annual	San Francisco (SF)	LDT2	Gas		PMBW	PM2_5	0.01575
2023 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 HC	0.43568972
2023 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO	2.96330495
2023 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 NOx	18.77420193
2023 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 SOx	0.032183273
2023 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM	0.024165556
2023 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 TOG	0.62813387
2023 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 ROG	0.551757462
2023 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CO2	3373.343363
2023 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 CH4	0.025627705
2023 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM10	0.024020563
2023 Annual	San Francisco (SF)	HHDT	Dsl	57	75 RUNEX	5 PM2_5	0.022981444
2023 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 HC	2.701183809
2023 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CO	50.18307374
2023 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 NOx	4.931553469

2023 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 SOx	0.03979046
2023 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM	0.007595782
2023 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 TOG	2.924633942
2023 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 ROG	2.004275389
2023 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CO2	3900.014642
2023 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 CH4	0.809888783
2023 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM10	0.006790629
2023 Annual	San Francisco (SF)	HHDT	Gas	57	75 RUNEX	5 PM2_5	0.006243733
2023 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 HC	15.48565089
2023 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CO	43.36407949
2023 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 NOx	4.110203006
2023 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM	0.010764587
2023 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 TOG	15.81808337
2023 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 ROG	0.757536149
2023 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CO2	5147.045588
2023 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 CH4	14.8910216
2023 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM10	0.010699999
2023 Annual	San Francisco (SF)	HHDT	NG	57	75 RUNEX	5 PM2_5	0.010237122
2023 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 HC	0.206653037
2023 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CO	2.495627162
2023 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 NOx	0.149666863
2023 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 SOx	0.007669467
2023 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM	0.011991219
2023 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 TOG	0.297931684
2023 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 ROG	0.261703191
2023 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CO2	803.5969073
2023 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 CH4	0.012155613
2023 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM10	0.011919271
2023 Annual	San Francisco (SF)	LDT2	Dsl	57	75 RUNEX	5 PM2_5	0.011403649
2023 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 HC	0.094043298
2023 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CO	1.092776479
2023 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 NOx	0.102429957
2023 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 SOx	0.010457645
2023 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM	0.012867835
2023 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 TOG	0.101822734
2023 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 ROG	0.069782542
2023 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CO2	1045.95566
2023 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 CH4	0.028194289
2023 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM10	0.011503896
2023 Annual	San Francisco (SF)	LDT2	Gas	57	75 RUNEX	5 PM2_5	0.010577434
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 HC	0.298700393
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CO	10.9738366
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 NOx	1.875841608
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 SOx	0.000412485
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM	0.000453114
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 TOG	0.311759747
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 ROG	0.28474483
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CO2	23.14345472
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 CH4	0.02111387
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM10	0.000405084
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	5 PM2_5	0.000372459
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 HC	0.582236033
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CO	21.50178954
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 NOx	2.826404941
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 SOx	0.000816221
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM	0.000887817
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 TOG	0.607691729
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 ROG	0.555033417
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CO2	46.15884004
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 CH4	0.041155807
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM10	0.000793708
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	10 PM2_5	0.000729785
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 HC	1.103813049
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CO	41.22004446
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 NOx	4.495727772
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 SOx	0.001597441
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM	0.001701991
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 TOG	1.152072394
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 ROG	1.052241864
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CO2	91.80540248
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 CH4	0.078023884
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM10	0.00152158
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	20 PM2_5	0.001399036
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 HC	1.564731049
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO	59.15476476
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 NOx	5.855978824
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 SOx	0.002343662
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM	0.002442522
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 TOG	1.633141995
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 ROG	1.491625342
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CO2	136.9396873
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 CH4	0.110604231
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM10	0.002183615

2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	30 PM2_5	0.002007753
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 HC	1.964990033
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO	75.30595045
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 NOx	6.907158095
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 SOx	0.003054883
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM	0.00310941
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 TOG	2.050900533
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 ROG	1.873183849
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CO2	181.5616946
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 CH4	0.138896849
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM10	0.002779813
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	40 PM2_5	0.002555935
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 HC	2.30459
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO	89.67360151
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 NOx	7.649265587
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 SOx	0.003731103
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM	0.003702656
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 TOG	2.405348007
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 ROG	2.196917386
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CO2	225.6714242
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 CH4	0.162901737
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM10	0.003310174
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	50 PM2_5	0.003043583
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 HC	2.583530951
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO	102.257718
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 NOx	8.0823013
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 SOx	0.004372323
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM	0.004222259
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 TOG	2.696484417
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 ROG	2.462825953
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CO2	269.2688763
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 CH4	0.182618895
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM10	0.003774699
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	60 PM2_5	0.003470697
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 HC	4.695528306
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO	260.4749198
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 NOx	7.998493989
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 SOx	0.008803352
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM	0.005788695
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 TOG	4.900819517
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 ROG	4.476148803
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CO2	457.9801098
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 CH4	0.331907071
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM10	0.005175094
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	120 PM2_5	0.004758307
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 HC	4.982264495
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO	268.0893092
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 NOx	7.969114224
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 SOx	0.009760971
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM	0.005957915
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 TOG	5.200091977
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 ROG	4.749488407
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CO2	541.0690658
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 CH4	0.352175241
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM10	0.005326376
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	180 PM2_5	0.004897406
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 HC	5.259902658
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO	275.9546804
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 NOx	7.924215517
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 SOx	0.0106733
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM	0.006132712
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 TOG	5.489868641
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 ROG	5.014155054
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CO2	619.2539248
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 CH4	0.371800311
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM10	0.005482644
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	240 PM2_5	0.005041089
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 HC	5.528442795
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO	284.0710335
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 NOx	7.863797867
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 SOx	0.01154034
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM	0.006313086
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 TOG	5.770149508
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 ROG	5.270148743
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CO2	692.534687
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 CH4	0.390782279
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM10	0.005643899
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	300 PM2_5	0.005189357
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 HC	5.787884905
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO	292.4383683
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 NOx	7.787861276
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 SOx	0.012362089
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM	0.006499039

2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 TOG	6.040934577
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 ROG	5.517469473
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CO2	760.9113523
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 CH4	0.409121146
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM10	0.005810141
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	360 PM2_5	0.00534221
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 HC	6.03822899
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO	301.056685
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 NOx	7.696405742
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 SOx	0.013138548
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM	0.006690569
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 TOG	6.30222385
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 ROG	5.756117247
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CO2	824.3839208
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 CH4	0.426816913
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM10	0.005981369
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	420 PM2_5	0.005499648
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 HC	6.279475048
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO	309.9259835
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 NOx	7.589431266
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 SOx	0.013869718
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM	0.006887677
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 TOG	6.554017325
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 ROG	5.986092062
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CO2	882.9523923
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 CH4	0.443869578
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM10	0.006157583
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	480 PM2_5	0.005666167
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 HC	6.51162308
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO	319.0462638
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 NOx	7.466937848
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 SOx	0.014555597
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM	0.007090362
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 TOG	6.796315003
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 ROG	6.207393919
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CO2	936.616767
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 CH4	0.460279142
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM10	0.006338784
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	540 PM2_5	0.005828278
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 HC	6.734673086
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO	328.4175259
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 NOx	7.328925488
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 SOx	0.015196186
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM	0.007298626
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 TOG	7.029116885
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 ROG	6.420022819
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CO2	985.3770448
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 CH4	0.476045605
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM10	0.006524971
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	600 PM2_5	0.00599947
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 HC	6.948625066
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO	338.0397698
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 NOx	7.175394186
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 SOx	0.015791485
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM	0.007512467
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 TOG	7.252422969
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 ROG	6.623978761
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CO2	1029.233226
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 CH4	0.491168968
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM10	0.006716145
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	660 PM2_5	0.006175248
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 HC	7.167412039
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO	348.2376087
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 NOx	7.090159956
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 SOx	0.016367903
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM	0.0077391
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 TOG	7.480775434
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 ROG	6.8325438
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CO2	1070.277445
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 CH4	0.506634095
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM10	0.006918755
2023 Annual	San Francisco (SF)	HHDT	Gas	57	STREX	720 PM2_5	0.006361514
2023 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	HC	0.029382979
2023 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	TOG	0.031414203
2023 Annual	San Francisco (SF)	HHDT	Gas	57	HOTSOAK	ROG	0.031414203
2023 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	HC	2.181257786
2023 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	TOG	2.332046535
2023 Annual	San Francisco (SF)	HHDT	Gas	57	RUNLOSS	ROG	2.332046535
2023 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	HC	0.000670681
2023 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	TOG	0.000728469
2023 Annual	San Francisco (SF)	HHDT	Gas	57	PRESTLOSS	ROG	0.000728469
2023 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	HC	8.85E-05
2023 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	TOG	9.61E-05

2023 Annual	San Francisco (SF)	HHDT	Gas	57	MDRESTLOSS	ROG	9.61E-05
2023 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	HC	0.000900343
2023 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	TOG	0.00097792
2023 Annual	San Francisco (SF)	HHDT	Gas	57	PDIURN	ROG	0.00097792
2023 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	HC	0.00012012
2023 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	TOG	0.00013047
2023 Annual	San Francisco (SF)	HHDT	Gas	57	MDDIURN	ROG	0.00013047
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 HC	0.006054587
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO	0.094996868
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 NOx	0.081282267
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 SOx	0.000132282
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM	0.000215809
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 TOG	0.006319312
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 ROG	0.005771749
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CO2	13.08759464
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 CH4	0.000427973
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM10	0.000192942
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	5 PM2_5	0.000177408
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 HC	0.011944698
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO	0.187583965
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 NOx	0.085575488
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 SOx	0.000149806
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM	0.000426467
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 TOG	0.012466954
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 ROG	0.011386699
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CO2	14.67953091
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 CH4	0.000844319
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM10	0.000381276
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	10 PM2_5	0.000350576
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 HC	0.023261024
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO	0.366012858
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 NOx	0.093359923
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 SOx	0.000190091
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM	0.000834441
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 TOG	0.024278058
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 ROG	0.02217437
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CO2	18.40029714
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 CH4	0.001644222
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM10	0.000746014
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	20 PM2_5	0.000685945
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 HC	0.033958821
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO	0.535448013
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 NOx	0.100075013
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 SOx	0.00023736
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM	0.001224624
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 TOG	0.035443588
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 ROG	0.032372404
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CO2	22.83692166
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 CH4	0.002400403
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM10	0.001094846
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	30 PM2_5	0.001006687
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 HC	0.044038089
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO	0.695889431
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 NOx	0.105720757
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 SOx	0.000291611
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM	0.001597015
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 TOG	0.045963544
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 ROG	0.041980802
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CO2	27.98940445
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 CH4	0.003112863
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM10	0.001427772
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	40 PM2_5	0.001312804
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 HC	0.053498828
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO	0.847337113
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 NOx	0.110297157
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 SOx	0.000352845
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM	0.001951615
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 TOG	0.055837927
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 ROG	0.050999563
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CO2	33.85774551
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 CH4	0.003781603
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM10	0.001744792
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	50 PM2_5	0.001604295
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 HC	0.062340049
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO	0.989791057
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 NOx	0.113804211
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 SOx	0.000421062
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM	0.002288424
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 TOG	0.065065703
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 ROG	0.059427743
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CO2	40.44194485
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 CH4	0.004406551
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM10	0.002045905

2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	60 PM2_5	0.001881161
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 HC	0.106962088
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO	1.659003693
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 NOx	0.123502473
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 SOx	0.000970876
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM	0.003751534
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 TOG	0.111638794
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 ROG	0.10196538
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CO2	94.34618688
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 CH4	0.007560689
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM10	0.003353947
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	120 PM2_5	0.003083868
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 HC	0.167464407
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO	3.000842683
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 NOx	0.117071853
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 SOx	0.001120876
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM	0.004187251
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 TOG	0.174786325
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 ROG	0.159641015
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CO2	107.0773246
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 CH4	0.011837342
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM10	0.003743481
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	180 PM2_5	0.003442032
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 HC	0.17800527
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO	3.25810737
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 NOx	0.116173183
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 SOx	0.001252116
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM	0.00457503
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 TOG	0.185788056
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 ROG	0.169689438
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CO2	119.7912557
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 CH4	0.01258243
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM10	0.004090159
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	240 PM2_5	0.003760791
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 HC	0.188470601
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO	3.485051525
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 NOx	0.11470271
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 SOx	0.001382706
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM	0.00491487
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 TOG	0.196710953
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 ROG	0.179665858
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CO2	132.48798
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 CH4	0.01332218
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM10	0.004393979
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	300 PM2_5	0.004040144
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 HC	0.1988604
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO	3.681675147
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 NOx	0.112660434
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 SOx	0.001512646
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM	0.005206771
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 TOG	0.207555015
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 ROG	0.189570273
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CO2	145.1674978
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 CH4	0.01405659
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM10	0.004654942
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	360 PM2_5	0.004280092
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 HC	0.209174667
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO	3.847978237
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 NOx	0.110046355
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 SOx	0.001641937
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM	0.005450735
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 TOG	0.218320242
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 ROG	0.199402683
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CO2	157.8298088
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 CH4	0.014785662
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM10	0.004873048
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	420 PM2_5	0.004480634
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 HC	0.219413403
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO	3.983960795
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 NOx	0.106860473
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 SOx	0.001770578
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM	0.005646759
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 TOG	0.229006634
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 ROG	0.20916309
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CO2	170.4749132
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 CH4	0.015509394
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM10	0.005048298
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	480 PM2_5	0.00464177
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 HC	0.229576606
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO	4.089622821
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 NOx	0.103102788
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 SOx	0.00189857
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM	0.005794845



2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 TOG	0.239614192
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 ROG	0.218851492
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CO2	183.1028109
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 CH4	0.016227787
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM10	0.00518069
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	540 PM2_5	0.004763502
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 HC	0.239664277
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO	4.164964315
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 NOx	0.0987733
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 SOx	0.002025912
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM	0.005894993
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 TOG	0.250142915
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 ROG	0.22846789
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CO2	195.7135019
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 CH4	0.016940842
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM10	0.005270225
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	600 PM2_5	0.004845827
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 HC	0.249676417
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO	4.209985276
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 NOx	0.09387201
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 SOx	0.002152605
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM	0.005947203
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 TOG	0.260592803
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 ROG	0.238012284
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CO2	208.3069863
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 CH4	0.017648557
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM10	0.005316903
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	660 PM2_5	0.004888748
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 HC	0.259728698
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO	4.225243261
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 NOx	0.088656255
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 SOx	0.002278734
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM	0.00595173
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 TOG	0.271084588
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 ROG	0.247594945
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CO2	220.8906393
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 CH4	0.01835911
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM10	0.005320953
2023 Annual	San Francisco (SF)	LDT2	Gas	57	STREX	720 PM2_5	0.004892473
2023 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	HC	0.069992746
2023 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	TOG	0.074831294
2023 Annual	San Francisco (SF)	LDT2	Gas	57	HOTSOAK	ROG	0.074831294
2023 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	HC	1.391343888
2023 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	TOG	1.487526469
2023 Annual	San Francisco (SF)	LDT2	Gas	57	RUNLOSS	ROG	1.487526469
2023 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	HC	0.011128533
2023 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	TOG	0.01208741
2023 Annual	San Francisco (SF)	LDT2	Gas	57	PRESTLOSS	ROG	0.01208741
2023 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	HC	0.000749764
2023 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	TOG	0.000814367
2023 Annual	San Francisco (SF)	LDT2	Gas	57	MDRESTLOSS	ROG	0.000814367
2023 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	HC	0.015401123
2023 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	TOG	0.016728143
2023 Annual	San Francisco (SF)	LDT2	Gas	57	PDIURN	ROG	0.016728143
2023 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	HC	0.001061804
2023 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	TOG	0.001153293
2023 Annual	San Francisco (SF)	LDT2	Gas	57	MDDIURN	ROG	0.001153293
2023 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	HC	0.704199181
2023 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO	3.507186083
2023 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	NOx	38.51401353
2023 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	SOx	0.059648883
2023 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM	0.057043099
2023 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	TOG	1.01524396
2023 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	ROG	0.891797843
2023 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CO2	6252.197126
2023 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	CH4	0.0414217
2023 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM10	0.056700841
2023 Annual	San Francisco (SF)	HHDT	Dsl		IDLEX	PM2_5	0.054247987
2023 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM	0.036
2023 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM10	0.036
2023 Annual	San Francisco (SF)	HHDT	Dsl		PMTW	PM2_5	0.009
2023 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM	0.063
2023 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM10	0.06174
2023 Annual	San Francisco (SF)	HHDT	Dsl		PMBW	PM2_5	0.02646
2023 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM	0.02
2023 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM10	0.02
2023 Annual	San Francisco (SF)	HHDT	Gas		PMTW	PM2_5	0.005
2023 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM	0.063
2023 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM10	0.06174
2023 Annual	San Francisco (SF)	HHDT	Gas		PMBW	PM2_5	0.02646
2023 Annual	San Francisco (SF)	HHDT	NG		IDLEX	HC	0.722188539
2023 Annual	San Francisco (SF)	HHDT	NG		IDLEX	CO	3.920494757
2023 Annual	San Francisco (SF)	HHDT	NG		IDLEX	NOx	22.03610004

2023 Annual	San Francisco (SF)	HHDT	NG	IDLEX	PM	0.043706393
2023 Annual	San Francisco (SF)	HHDT	NG	IDLEX	TOG	0.748838908
2023 Annual	San Francisco (SF)	HHDT	NG	IDLEX	ROG	0.051928318
2023 Annual	San Francisco (SF)	HHDT	NG	IDLEX	CO2	5920.922604
2023 Annual	San Francisco (SF)	HHDT	NG	IDLEX	CH4	0.686724099
2023 Annual	San Francisco (SF)	HHDT	NG	IDLEX	PM10	0.043444155
2023 Annual	San Francisco (SF)	HHDT	NG	IDLEX	PM2_5	0.04156478
2023 Annual	San Francisco (SF)	HHDT	NG	PMTW	PM	0.036
2023 Annual	San Francisco (SF)	HHDT	NG	PMTW	PM10	0.036
2023 Annual	San Francisco (SF)	HHDT	NG	PMTW	PM2_5	0.009
2023 Annual	San Francisco (SF)	HHDT	NG	PMBW	PM	0.063
2023 Annual	San Francisco (SF)	HHDT	NG	PMBW	PM10	0.06174
2023 Annual	San Francisco (SF)	HHDT	NG	PMBW	PM2_5	0.02646
2023 Annual	San Francisco (SF)	LDT2	Dsl	PMTW	PM	0.008
2023 Annual	San Francisco (SF)	LDT2	Dsl	PMTW	PM10	0.008
2023 Annual	San Francisco (SF)	LDT2	Dsl	PMTW	PM2_5	0.002
2023 Annual	San Francisco (SF)	LDT2	Dsl	PMBW	PM	0.0375
2023 Annual	San Francisco (SF)	LDT2	Dsl	PMBW	PM10	0.03675
2023 Annual	San Francisco (SF)	LDT2	Dsl	PMBW	PM2_5	0.01575
2023 Annual	San Francisco (SF)	LDT2	Gas	PMTW	PM	0.008
2023 Annual	San Francisco (SF)	LDT2	Gas	PMTW	PM10	0.008
2023 Annual	San Francisco (SF)	LDT2	Gas	PMTW	PM2_5	0.002
2023 Annual	San Francisco (SF)	LDT2	Gas	PMBW	PM	0.0375
2023 Annual	San Francisco (SF)	LDT2	Gas	PMBW	PM10	0.03675
2023 Annual	San Francisco (SF)	LDT2	Gas	PMBW	PM2_5	0.01575

Part 2

## **CalEEMod Model Outputs**

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# 1. Construction

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## Mission Rock - Construction

### San Francisco County, Annual

## 1.0 Project Characteristics

### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	206.39	1000sqft	0.76	206,386.00	0
Manufacturing	190.50	1000sqft	4.38	190,500.00	0
Enclosed Parking with Elevator	0.00		0.00		0
Enclosed Parking with Elevator	0.00		0.00		0
City Park	5.12	Acre	5.12	223,027.20	0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	0.00	0
Fast Food Restaurant w/o Drive Thru	10.23	1000sqft	2.16	10,227.00	0
High Turnover (Sit Down Restaurant)	23.86	1000sqft	2.16	23,864.00	0
High Turnover (Sit Down Restaurant)	11.00	1000sqft	0.25	11,000.00	0
Apartments High Rise	559.00	Dwelling Unit	1.41	559,273.00	1599
Strip Mall	65.25	1000sqft	2.16	65,250.00	0
Strip Mall	11.00	1000sqft	0.25	11,000.00	0

### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2020
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction only

Land Use - From applicant.

Construction Phase - Schedule specified by the applicant. Start date currently set for 4/3/17. All phases trickle down from this date, based on phase durations from applicant.

Off-road Equipment - No equipment. Phase is just for fugitive emissions.

Off-road Equipment - Provided by applicant. Dump truck and water truck calculated outside of CalEEMod. Jet Grout Rig = Bore/Drill Rig. Bulldozer = Crawler Tractor.

Off-road Equipment - Provided by applicant. Dump truck and water truck calculated outside of CalEEMod. Pile Hammer, vibratory hammer, and impact hammer = Bore/Drill Rig. Added bore-related equipment, sand/winchbar, other material handling equip.

Off-road Equipment - Provided by applicant. Dump truck calculated outside of CalEEMod

Off-road Equipment - From applicant. Berm machine = surfacing equipment. Dump truck / pickup not included (part of onroad).

Off-road Equipment -

Off-road Equipment - From applicant. Dump truck and water truck calculated outside of CalEEMod. Bulldozer = Crawler Tractor

Off-road Equipment - Provided by applicant. Dump truck / concrete truck / water truck calculated outside of CalEEMod. Pile Hammer = Bore/Drill Rig.

Off-road Equipment - From applicant. Dump truck not included (part of onroad)

Off-road Equipment - From applicant. Berm machine = surfacing equipment. Dump truck / pickup not included (part of onroad).

Off-road Equipment -

Off-road Equipment - From applicant. Dump truck / concrete truck / water truck calculated outside of CalEEMod. Bulldozer = Crawler Tractor

Off-road Equipment - Provided by applicant. Dump truck / concrete truck / water truck calculated outside of CalEEMod. Pile Hammer = Bore/Drill Rig.

Off-road Equipment - From applicant. Dump truck not included (part of onroad)

Off-road Equipment - From applicant. Berm machine = surfacing equipment. Dump truck / pickup not included (part of onroad).

Off-road Equipment -

Off-road Equipment - From applicant. Dump truck / concrete truck / water truck calculated outside of CalEEMod. Bulldozer = Crawler Tractor

Off-road Equipment - Provided by applicant. Dump truck / concrete truck / water truck calculated outside of CalEEMod. Pile Hammer = Bore/Drill Rig.

Off-road Equipment - From applicant. Dump truck not included (part of onroad)

Off-road Equipment - From applicant. Berm machine = surfacing equipment. Dump truck / pickup not included (part of onroad).

Trips and VMT - All trips (and trip lengths) are one-way (times 2 for round trips). # of workers was doubled to calculate one-way worker trips. Hauling trips modeled using FMEAC0014.FE.

On-road Fugitive Dust - No changes

Demolition - No extra demo trips

Grading - From applicant. The applicant showed material movement in the foundations phase; since CalEEMod doesn't allow entry for bldg construction phase, this material was included in the demo phase.

Architectural Coating - For Study Scenario B, based on CalEEMod defaults and land use data (excludes parking lots).

Construction Off-road Equipment Mitigation - Based on BAAQMD MMs and Tier 4 interim engines



Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	370,627.00	32,110.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	370,627.00	279,484.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	370,627.00	322,821.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	370,627.00	78,693.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,111,881.00	96,329.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,111,881.00	838,451.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,111,881.00	968,463.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,111,881.00	236,078.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	377,509.00	359,090.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	377,509.00	338,152.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	377,509.00	161,209.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	377,509.00	207,711.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,132,528.00	1,077,270.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,132,528.00	1,014,456.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,132,528.00	483,627.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,132,528.00	623,133.00
tblAreaCoating	Area_Nonresidential_Interior	1111881	0
tblAreaCoating	Area_Residential_Exterior	377509	0
tblAreaCoating	Area_Residential_Interior	1132528	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	31.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	19.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstructionPhase	NumDays	300.00	450.00
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tblConstructionPhase	NumDays	20.00	163.00
tblConstructionPhase	NumDays	20.00	85.00
tblConstructionPhase	NumDays	10.00	260.00
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tblConstructionPhase	NumDays	10.00	260.00
tblConstructionPhase	PhaseEndDate	11/7/2023	12/7/2021
tblConstructionPhase	PhaseEndDate	6/18/2025	3/29/2023
tblConstructionPhase	PhaseEndDate	6/17/2022	3/27/2020
tblConstructionPhase	PhaseEndDate	6/20/2022	9/28/2020
tblConstructionPhase	PhaseEndDate	3/2/2022	12/7/2021
tblConstructionPhase	PhaseEndDate	9/13/2023	3/29/2023
tblConstructionPhase	PhaseEndDate	9/11/2020	3/27/2020
tblConstructionPhase	PhaseEndDate	3/15/2021	9/28/2020
tblConstructionPhase	PhaseEndDate	3/1/2022	6/24/2020
tblConstructionPhase	PhaseEndDate	6/19/2020	6/25/2018
tblConstructionPhase	PhaseEndDate	12/21/2020	6/25/2019
tblConstructionPhase	PhaseEndDate	10/16/2020	4/1/2020
tblConstructionPhase	PhaseEndDate	4/19/2021	4/1/2021
tblConstructionPhase	PhaseEndDate	11/13/2023	4/1/2022
tblConstructionPhase	PhaseEndDate	7/29/2022	4/5/2023
tblConstructionPhase	PhaseEndDate	3/31/2022	6/23/2021

tblConstructionPhase	PhaseStartDate	12/8/2021	1/8/2020
tblConstructionPhase	PhaseStartDate	3/30/2023	1/7/2021
tblConstructionPhase	PhaseStartDate	3/28/2020	1/8/2018
tblConstructionPhase	PhaseStartDate	9/29/2020	1/8/2019
tblConstructionPhase	PhaseStartDate	4/2/2020	1/8/2020
tblConstructionPhase	PhaseStartDate	6/24/2021	1/7/2021
tblConstructionPhase	PhaseStartDate	6/23/2018	1/8/2018
tblConstructionPhase	PhaseStartDate	6/25/2019	1/8/2019
tblConstructionPhase	PhaseStartDate	12/8/2021	4/2/2020
tblConstructionPhase	PhaseStartDate	3/28/2020	4/3/2018
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tblConstructionPhase	PhaseStartDate	3/30/2023	8/18/2021
tblConstructionPhase	PhaseStartDate	4/2/2022	12/8/2022
tblConstructionPhase	PhaseStartDate	4/2/2021	6/25/2020
tblConstructionPhase	PhaseStartDate	6/24/2017	6/26/2017
tblGrading	AcresOfGrading	90.00	8.00
tblGrading	AcresOfGrading	60.00	5.00
tblGrading	AcresOfGrading	90.00	7.00
tblGrading	AcresOfGrading	60.00	3.00
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tblGrading	MaterialExported	0.00	10,000.00
tblGrading	MaterialImported	0.00	29,230.00
tblGrading	MaterialImported	0.00	25,156.00
tblGrading	MaterialImported	0.00	33,570.00
tblGrading	MaterialImported	0.00	15,791.00
tblLandUse	LandUseSquareFeet	206,390.00	206,386.00

tblLandUse	LandUseSquareFeet	10,230.00	10,227.00
tblLandUse	LandUseSquareFeet	23,860.00	23,864.00
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tblLandUse	LotAcreage	4.37	4.38
tblLandUse	LotAcreage	0.23	2.16
tblLandUse	LotAcreage	0.55	2.16
tblLandUse	LotAcreage	9.02	1.41
tblLandUse	LotAcreage	1.50	2.16
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tblOffRoadEquipment	HorsePower	226.00	335.00
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tblOffRoadEquipment	HorsePower	162.00	385.00
tblOffRoadEquipment	HorsePower	84.00	400.00
tblOffRoadEquipment	HorsePower	167.00	117.00
tblOffRoadEquipment	HorsePower	167.00	120.00













tblTripsAndVMT	WorkerTripNumber	13.00	80.00
tblTripsAndVMT	WorkerTripNumber	5.00	80.00
tblTripsAndVMT	WorkerTripNumber	5.00	80.00
tblTripsAndVMT	WorkerTripNumber	686.00	450.00
tblTripsAndVMT	WorkerTripNumber	8.00	50.00
tblTripsAndVMT	WorkerTripNumber	5.00	100.00
tblTripsAndVMT	WorkerTripNumber	8.00	100.00
tblTripsAndVMT	WorkerTripNumber	686.00	900.00
tblTripsAndVMT	WorkerTripNumber	15.00	60.00
tblTripsAndVMT	WorkerTripNumber	5.00	60.00
tblTripsAndVMT	WorkerTripNumber	686.00	900.00
tblTripsAndVMT	WorkerTripNumber	13.00	60.00

## 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					
2017	0.2371	2.2640	1.8956	4.5000e-003	0.1542	0.0952	0.2495	0.0398	0.0886	0.1284	0.0000	382.1319	382.1319	0.0694	0.0000	383.5891
2018	4.5717	12.6935	16.5268	0.0424	1.9105	0.5708	2.4813	0.5066	0.5413	1.0479	0.0000	3,337.8293	3,337.8293	0.4288	0.0000	3,346.8334
2019	8.2311	16.3039	26.3115	0.0727	3.6355	0.7293	4.3648	0.9662	0.6971	1.6633	0.0000	5,462.1199	5,462.1199	0.5965	0.0000	5,474.6469
2020	6.2096	11.7957	19.9220	0.0590	2.8256	0.5149	3.3405	0.7504	0.4930	1.2434	0.0000	4,322.7336	4,322.7336	0.5293	0.0000	4,333.8493
2021	4.3912	7.2160	12.7106	0.0388	1.7368	0.3131	2.0499	0.4619	0.3006	0.7626	0.0000	2,840.9937	2,840.9937	0.3705	0.0000	2,848.7748
2022	2.3017	2.6394	5.7232	0.0177	0.9096	0.1160	1.0255	0.2419	0.1118	0.3537	0.0000	1,247.4780	1,247.4780	0.1278	0.0000	1,250.1627

2023	0.5607	0.6149	1.5003	4.8900e-003	0.2622	0.0263	0.2884	0.0697	0.0253	0.0950	0.0000	337.7130	337.7130	0.0333	0.0000	338.4131
<b>Total</b>	<b>26.5031</b>	<b>53.5273</b>	<b>84.5899</b>	<b>0.2400</b>	<b>11.4344</b>	<b>2.3655</b>	<b>13.7999</b>	<b>3.0366</b>	<b>2.2577</b>	<b>5.2942</b>	<b>0.0000</b>	<b>17,930.9993</b>	<b>17,930.9993</b>	<b>2.1557</b>	<b>0.0000</b>	<b>17,976.2692</b>

**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					
2017	0.0802	0.8523	2.1268	4.5000e-003	0.1494	8.9300e-003	0.1583	0.0392	8.8300e-003	0.0480	0.0000	382.1316	382.1316	0.0694	0.0000	383.5888
2018	3.5579	6.7271	18.1120	0.0424	1.9041	0.0777	1.9819	0.5057	0.0766	0.5823	0.0000	3,337.8273	3,337.8273	0.4288	0.0000	3,346.8315
2019	6.9133	10.0628	28.6839	0.0727	3.6325	0.1201	3.7526	0.9658	0.1179	1.0837	0.0000	5,462.1172	5,462.1172	0.5965	0.0000	5,474.6442
2020	5.2975	8.3870	22.8164	0.0590	2.8209	0.1092	2.9301	0.7497	0.1075	0.8572	0.0000	4,322.7313	4,322.7313	0.5293	0.0000	4,333.8470
2021	3.8227	5.9251	14.9890	0.0388	1.7368	0.0831	1.8200	0.4619	0.0821	0.5440	0.0000	2,840.9920	2,840.9920	0.3705	0.0000	2,848.7731
2022	2.0706	2.3251	6.2487	0.0177	0.9096	0.0323	0.9419	0.2419	0.0318	0.2737	0.0000	1,247.4774	1,247.4774	0.1278	0.0000	1,250.1621
2023	0.5077	0.5929	1.6325	4.8900e-003	0.2622	8.5400e-003	0.2707	0.0697	8.3800e-003	0.0781	0.0000	337.7129	337.7129	0.0333	0.0000	338.4129
<b>Total</b>	<b>22.2500</b>	<b>34.8722</b>	<b>94.6092</b>	<b>0.2400</b>	<b>11.4155</b>	<b>0.4399</b>	<b>11.8554</b>	<b>3.0340</b>	<b>0.4330</b>	<b>3.4670</b>	<b>0.0000</b>	<b>17,930.9897</b>	<b>17,930.9897</b>	<b>2.1557</b>	<b>0.0000</b>	<b>17,976.2596</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>16.05</b>	<b>34.85</b>	<b>-11.84</b>	<b>0.00</b>	<b>0.17</b>	<b>81.41</b>	<b>14.09</b>	<b>0.08</b>	<b>80.82</b>	<b>34.51</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**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	5.7688	0.0556	4.7899	7.5000e-004		0.1132	0.1132		0.1132	0.1132	9.1558	21.5702	30.7259	0.0237	7.6000e-004	31.4592
Energy	0.1190	1.0669	0.8016	6.4900e-003		0.0822	0.0822		0.0822	0.0822	0.0000	3,711.0452	3,711.0452	0.1371	0.0453	3,727.9640
Mobile	8.9868	15.7712	73.3770	0.1950	13.3836	0.2551	13.6387	3.6286	0.2355	3.8641	0.0000	13,400.2289	13,400.2289	0.5191	0.0000	13,411.1301
Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4599	0.1076	442.0521
<b>Total</b>	<b>14.8746</b>	<b>16.8936</b>	<b>78.9685</b>	<b>0.2023</b>	<b>13.3836</b>	<b>0.4505</b>	<b>13.8341</b>	<b>3.6286</b>	<b>0.4309</b>	<b>4.0595</b>	<b>316.0358</b>	<b>17,404.5939</b>	<b>17,720.6297</b>	<b>20.7167</b>	<b>0.1536</b>	<b>18,203.3000</b>

**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	5.7688	0.0556	4.7899	7.5000e-004		0.1132	0.1132		0.1132	0.1132	9.1558	21.5702	30.7259	0.0237	7.6000e-004	31.4592
Energy	0.1190	1.0669	0.8016	6.4900e-003		0.0822	0.0822		0.0822	0.0822	0.0000	3,711.0452	3,711.0452	0.1371	0.0453	3,727.9640
Mobile	8.9868	15.7712	73.3770	0.1950	13.3836	0.2551	13.6387	3.6286	0.2355	3.8641	0.0000	13,400.2289	13,400.2289	0.5191	0.0000	13,411.1301
Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4590	0.1074	441.9830
<b>Total</b>	<b>14.8746</b>	<b>16.8936</b>	<b>78.9685</b>	<b>0.2023</b>	<b>13.3836</b>	<b>0.4505</b>	<b>13.8341</b>	<b>3.6286</b>	<b>0.4309</b>	<b>4.0595</b>	<b>316.0358</b>	<b>17,404.5939</b>	<b>17,720.6297</b>	<b>20.7159</b>	<b>0.1534</b>	<b>18,203.2309</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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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	0.11	0.00
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### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	AREA 1 - Demo + Rough Grade	Grading	4/3/2017	6/23/2017	5	60	
2	AREA 1 - Infrastructure	Site Preparation	6/26/2017	6/22/2018	5	260	
3	AREA 1 - Foundations + Building	Building Construction	1/8/2018	3/27/2020	5	580	
4	AREA 1 - Architectural Coating (FOR ELUGITIVE EMISSIONS)	Architectural Coating	1/8/2018	3/27/2020	5	580	
5	AREA 2 - Demo + Rough Grade	Grading	4/3/2018	6/25/2018	5	60	
6	AREA 2 - Infrastructure	Site Preparation	6/26/2018	6/24/2019	5	260	
7	AREA 2 - Foundations + Building	Building Construction	1/8/2019	9/28/2020	5	450	
8	AREA 2 - Architectural Coating (FOR ELUGITIVE EMISSIONS)	Architectural Coating	1/8/2019	9/28/2020	5	450	
9	AREA 3 - Demo + Rough Grade	Grading	4/3/2019	6/25/2019	5	60	
10	AREA 3 - Infrastructure	Site Preparation	6/26/2019	6/23/2020	5	260	
11	AREA 1 - Paving + Landscape	Paving	12/9/2019	4/1/2020	5	83	
12	AREA 3 - Foundations + Building	Building Construction	1/8/2020	12/7/2021	5	500	
13	AREA 3 - Architectural Coating (FOR ELUGITIVE EMISSIONS)	Architectural Coating	1/8/2020	12/7/2021	5	500	
14	AREA 4 - Demo + Rough Grade	Grading	4/2/2020	6/24/2020	5	60	
15	AREA 2 - Paving + Landscape	Paving	6/9/2020	4/1/2021	5	213	
16	AREA 4 - Infrastructure	Site Preparation	6/25/2020	6/23/2021	5	260	
17	AREA 4 - Foundations + Building	Building Construction	1/7/2021	3/29/2023	5	580	
18	AREA 4 - Architectural Coating (FOR ELUGITIVE EMISSIONS)	Architectural Coating	1/7/2021	3/29/2023	5	580	
19	AREA 3 - Paving + Landscape	Paving	8/18/2021	4/1/2022	5	163	
20	AREA 4 - Paving + Landscape	Paving	12/8/2022	4/5/2023	5	85	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0



Acres of Paving: 0

Residential Indoor: 1,014,456; Residential Outdoor: 338,152; Non-Residential Indoor: 838,451; Non-Residential Outdoor: 279,484

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
AREA 1 - Demo + Rough Grade	Bore/Drill Rigs	2	4.00	200	0.50
AREA 1 - Demo + Rough Grade	Crawler Tractors	2	8.00	400	0.43
AREA 1 - Demo + Rough Grade	Generator Sets	1	4.00	400	0.74
AREA 1 - Demo + Rough Grade	Pumps	2	4.00	50	0.74
AREA 1 - Demo + Rough Grade	Scrapers	2	2.00	330	0.48
AREA 1 - Demo + Rough Grade	Tractors/Loaders/Backhoes	2	8.00	120	0.37
AREA 1 - Demo + Rough Grade	Tractors/Loaders/Backhoes	1	4.00	350	0.37
AREA 1 - Infrastructure	Tractors/Loaders/Backhoes	1	4.00	250	0.37
AREA 1 - Infrastructure	Trenchers	1	4.00	41	0.50
AREA 1 - Foundations + Building	Air Compressors	6	2.00	150	0.48
AREA 1 - Foundations + Building	Air Compressors	6	2.00	49	0.48
AREA 1 - Foundations + Building	Air Compressors	2	4.00	49	0.48
AREA 1 - Foundations + Building	Bore/Drill Rigs	3	1.00	225	0.50
AREA 1 - Foundations + Building	Bore/Drill Rigs	3	2.00	130	0.50
AREA 1 - Foundations + Building	Bore/Drill Rigs	1	4.00	595	0.50
AREA 1 - Foundations + Building	Bore/Drill Rigs	1	2.00	1200	0.50
AREA 1 - Foundations + Building	Bore/Drill Rigs	1	4.00	125	0.50
AREA 1 - Foundations + Building	Cranes	2	4.00	335	0.29
AREA 1 - Foundations + Building	Cranes	1	4.00	110	0.29
AREA 1 - Foundations + Building	Cranes	1	4.00	215	0.29
AREA 1 - Foundations + Building	Cranes	1	4.00	250	0.29
AREA 1 - Foundations + Building	Cranes	1	4.00	400	0.29
AREA 1 - Foundations + Building	Cranes	1	4.00	364	0.29
AREA 1 - Foundations + Building	Excavators	1	1.00	53	0.38
AREA 1 - Foundations + Building	Excavators	3	1.00	385	0.38
AREA 1 - Foundations + Building	Forklifts	3	2.00	210	0.20

AREA 1 - Foundations + Building	Forklifts	3	2.00	120	0.20
AREA 1 - Foundations + Building	Generator Sets	8	4.00	10	0.74
AREA 1 - Foundations + Building	Generator Sets	1	8.00	274	0.74
AREA 1 - Foundations + Building	Generator Sets	1	8.00	129	0.74
AREA 1 - Foundations + Building	Other Material Handling Equipment	2	4.00	117	0.40
AREA 1 - Foundations + Building	Other Material Handling Equipment	1	4.00	120	0.40
AREA 1 - Foundations + Building	Pumps	3	2.00	73	0.74
AREA 1 - Foundations + Building	Rubber Tired Loaders	1	1.00	260	0.36
AREA 1 - Foundations + Building	Welders	6	2.00	35	0.45
AREA 2 - Demo + Rough Grade	Crawler Tractors	2	8.00	400	0.43
AREA 2 - Demo + Rough Grade	Scrapers	1	4.00	330	0.48
AREA 2 - Demo + Rough Grade	Tractors/Loaders/Backhoes	2	8.00	120	0.37
AREA 2 - Demo + Rough Grade	Tractors/Loaders/Backhoes	1	4.00	350	0.37
AREA 2 - Infrastructure	Tractors/Loaders/Backhoes	1	4.00	250	0.37
AREA 2 - Infrastructure	Trenchers	1	4.00	41	0.50
AREA 2 - Foundations + Building	Air Compressors	6	5.00	150	0.48
AREA 2 - Foundations + Building	Bore/Drill Rigs	3	1.00	225	0.50
AREA 2 - Foundations + Building	Bore/Drill Rigs	4	2.00	130	0.50
AREA 2 - Foundations + Building	Cranes	1	4.00	335	0.29
AREA 2 - Foundations + Building	Excavators	3	1.00	385	0.38
AREA 2 - Foundations + Building	Forklifts	3	2.00	210	0.20
AREA 2 - Foundations + Building	Forklifts	3	2.00	120	0.20
AREA 2 - Foundations + Building	Generator Sets	8	4.00	10	0.74
AREA 2 - Foundations + Building	Pumps	4	2.00	73	0.74
AREA 2 - Foundations + Building	Welders	4	2.00	35	0.45
AREA 3 - Demo + Rough Grade	Crawler Tractors	1	8.00	400	0.43
AREA 3 - Demo + Rough Grade	Scrapers	1	4.00	330	0.48
AREA 3 - Demo + Rough Grade	Tractors/Loaders/Backhoes	2	8.00	120	0.37
AREA 3 - Demo + Rough Grade	Tractors/Loaders/Backhoes	1	4.00	350	0.37
AREA 3 - Infrastructure	Tractors/Loaders/Backhoes	1	4.00	250	0.37

AREA 3 - Infrastructure	Trenchers	1	4.00	41	0.50
AREA 1 - Paving + Landscape	Pavers	1	2.00	175	0.42
AREA 1 - Paving + Landscape	Rollers	1	2.00	40	0.38
AREA 1 - Paving + Landscape	Surfacing Equipment	1	1.00	44	0.30
AREA 3 - Foundations + Building	Air Compressors	3	5.00	150	0.48
AREA 3 - Foundations + Building	Bore/Drill Rigs	3	1.00	225	0.50
AREA 3 - Foundations + Building	Bore/Drill Rigs	3	2.00	130	0.50
AREA 3 - Foundations + Building	Cranes	1	4.00	335	0.29
AREA 3 - Foundations + Building	Excavators	3	8.00	385	0.38
AREA 3 - Foundations + Building	Forklifts	2	2.00	210	0.20
AREA 3 - Foundations + Building	Forklifts	2	2.00	120	0.20
AREA 3 - Foundations + Building	Generator Sets	6	4.00	10	0.74
AREA 3 - Foundations + Building	Pumps	8	2.00	73	0.74
AREA 3 - Foundations + Building	Welders	3	2.00	35	0.45
AREA 4 - Demo + Rough Grade	Crawler Tractors	1	8.00	400	0.43
AREA 4 - Demo + Rough Grade	Scrapers	1	4.00	330	0.48
AREA 4 - Demo + Rough Grade	Tractors/Loaders/Backhoes	2	8.00	120	0.37
AREA 4 - Demo + Rough Grade	Tractors/Loaders/Backhoes	1	4.00	350	0.37
AREA 2 - Paving + Landscape	Pavers	1	2.00	175	0.42
AREA 2 - Paving + Landscape	Rollers	1	2.00	40	0.38
AREA 4 - Infrastructure	Tractors/Loaders/Backhoes	1	4.00	250	0.37
AREA 4 - Infrastructure	Trenchers	1	4.00	41	0.50
AREA 4 - Foundations + Building	Air Compressors	3	5.00	150	0.48
AREA 4 - Foundations + Building	Bore/Drill Rigs	3	1.00	225	0.50
AREA 4 - Foundations + Building	Bore/Drill Rigs	3	2.00	130	0.45
AREA 4 - Foundations + Building	Cranes	1	4.00	335	0.29
AREA 4 - Foundations + Building	Excavators	3	1.00	385	0.38
AREA 4 - Foundations + Building	Forklifts	3	2.00	210	0.20
AREA 4 - Foundations + Building	Forklifts	3	2.00	120	0.20
AREA 4 - Foundations + Building	Generator Sets	6	4.00	10	0.74

AREA 4 - Foundations + Building	Pumps	3	2.00	73	0.74
AREA 4 - Foundations + Building	Welders	6	2.00	35	0.45
AREA 3 - Paving + Landscape	Pavers	1	2.00	175	0.42
AREA 3 - Paving + Landscape	Rollers	1	2.00	40	0.38
AREA 3 - Paving + Landscape	Surfacing Equipment	1	1.00	44	0.30
AREA 4 - Paving + Landscape	Pavers	1	2.00	175	0.42
AREA 4 - Paving + Landscape	Rollers	1	2.00	40	0.38
AREA 4 - Paving + Landscape	Surfacing Equipment	1	1.00	44	0.30

### 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
AREA 1 - Demo + Rough Grade	12	100.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 1 - Infrastructure	2	100.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 1 - Foundations + Building	63	900.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 3 - Architectural Coating (FOR				0.00	12.40	7.30				
AREA 2 - Demo + Rough Grade	6	60.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 2 - Infrastructure	2	60.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 2 - Foundations + Building	39	900.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 4 - Architectural Coating (FOR				0.00	12.40	7.30				
AREA 3 - Demo + Rough Grade	5	60.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 3 - Infrastructure	2	60.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 1 - Paving + Landscape	3	130.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 3 - Foundations + Building	34	400.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 1 - Architectural Coating (FOR				0.00	12.40	7.30				
AREA 4 - Demo + Rough Grade	5	80.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 2 - Paving + Landscape	2	80.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 4 - Infrastructure	2	80.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 4 - Foundations + Building	34	450.00	0.00	0.00	20.40	0.00	20.60	LD_Mix	HDT_Mix	HHDT
AREA 2 - Architectural Coating (FOR				0.00	12.40	7.30				



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	0.0117	0.0212	0.2077	5.8000e-004	0.0448	3.8000e-004	0.0451	0.0119	3.5000e-004	0.0123	0.0000	42.5136	42.5136	2.1300e-003	0.0000	42.5583
<b>Total</b>	<b>0.0117</b>	<b>0.0212</b>	<b>0.2077</b>	<b>5.8000e-004</b>	<b>0.0448</b>	<b>3.8000e-004</b>	<b>0.0451</b>	<b>0.0119</b>	<b>3.5000e-004</b>	<b>0.0123</b>	<b>0.0000</b>	<b>42.5136</b>	<b>42.5136</b>	<b>2.1300e-003</b>	<b>0.0000</b>	<b>42.5583</b>

**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					3.9500e-003	0.0000	3.9500e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0363	0.6570	1.2587	2.2800e-003		5.6800e-003	5.6800e-003		5.6800e-003	5.6800e-003	0.0000	212.9740	212.9740	0.0530	0.0000	214.0864
<b>Total</b>	<b>0.0363</b>	<b>0.6570</b>	<b>1.2587</b>	<b>2.2800e-003</b>	<b>3.9500e-003</b>	<b>5.6800e-003</b>	<b>9.6300e-003</b>	<b>5.2000e-004</b>	<b>5.6800e-003</b>	<b>6.2000e-003</b>	<b>0.0000</b>	<b>212.9740</b>	<b>212.9740</b>	<b>0.0530</b>	<b>0.0000</b>	<b>214.0864</b>

**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	0.0117	0.0212	0.2077	5.8000e-004	0.0448	3.8000e-004	0.0451	0.0119	3.5000e-004	0.0123	0.0000	42.5136	42.5136	2.1300e-003	0.0000	42.5583
<b>Total</b>	<b>0.0117</b>	<b>0.0212</b>	<b>0.2077</b>	<b>5.8000e-004</b>	<b>0.0448</b>	<b>3.8000e-004</b>	<b>0.0451</b>	<b>0.0119</b>	<b>3.5000e-004</b>	<b>0.0123</b>	<b>0.0000</b>	<b>42.5136</b>	<b>42.5136</b>	<b>2.1300e-003</b>	<b>0.0000</b>	<b>42.5583</b>

### 3.3 AREA 1 - Infrastructure - 2017

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.0301	0.2855	0.1352	3.3000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	30.9885	30.9885	9.4900e-003	0.0000	31.1879
<b>Total</b>	<b>0.0301</b>	<b>0.2855</b>	<b>0.1352</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.0127</b>	<b>0.0127</b>	<b>0.0000</b>	<b>0.0117</b>	<b>0.0117</b>	<b>0.0000</b>	<b>30.9885</b>	<b>30.9885</b>	<b>9.4900e-003</b>	<b>0.0000</b>	<b>31.1879</b>

#### 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	0.0263	0.0476	0.4673	1.3000e-003	0.1007	8.6000e-004	0.1016	0.0268	7.9000e-004	0.0276	0.0000	95.6556	95.6556	4.7900e-003	0.0000	95.7562
<b>Total</b>	<b>0.0263</b>	<b>0.0476</b>	<b>0.4673</b>	<b>1.3000e-003</b>	<b>0.1007</b>	<b>8.6000e-004</b>	<b>0.1016</b>	<b>0.0268</b>	<b>7.9000e-004</b>	<b>0.0276</b>	<b>0.0000</b>	<b>95.6556</b>	<b>95.6556</b>	<b>4.7900e-003</b>	<b>0.0000</b>	<b>95.7562</b>

#### 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
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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
Off-Road	5.8700e-003	0.1266	0.1932	3.3000e-004		2.0000e-003	2.0000e-003		2.0000e-003	2.0000e-003	0.0000	30.9885	30.9885	9.4900e-003	0.0000	31.1878
<b>Total</b>	<b>5.8700e-003</b>	<b>0.1266</b>	<b>0.1932</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>2.0000e-003</b>	<b>2.0000e-003</b>	<b>0.0000</b>	<b>2.0000e-003</b>	<b>2.0000e-003</b>	<b>0.0000</b>	<b>30.9885</b>	<b>30.9885</b>	<b>9.4900e-003</b>	<b>0.0000</b>	<b>31.1878</b>

**Mitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	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	0.0263	0.0476	0.4673	1.3000e-003	0.1007	8.6000e-004	0.1016	0.0268	7.9000e-004	0.0276	0.0000	95.6556	95.6556	4.7900e-003	0.0000	95.7562
<b>Total</b>	<b>0.0263</b>	<b>0.0476</b>	<b>0.4673</b>	<b>1.3000e-003</b>	<b>0.1007</b>	<b>8.6000e-004</b>	<b>0.1016</b>	<b>0.0268</b>	<b>7.9000e-004</b>	<b>0.0276</b>	<b>0.0000</b>	<b>95.6556</b>	<b>95.6556</b>	<b>4.7900e-003</b>	<b>0.0000</b>	<b>95.7562</b>

**3.3 AREA 1 - Infrastructure - 2018**

**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	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	0.0249	0.2324	0.1200	3.1000e-004		0.0103	0.0103		9.4900e-003	9.4900e-003	0.0000	28.2580	28.2580	8.8000e-003	0.0000	28.4428



<b>Total</b>	<b>0.0249</b>	<b>0.2324</b>	<b>0.1200</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>0.0103</b>	<b>0.0103</b>	<b>0.0000</b>	<b>9.4900e-003</b>	<b>9.4900e-003</b>	<b>0.0000</b>	<b>28.2580</b>	<b>28.2580</b>	<b>8.8000e-003</b>	<b>0.0000</b>	<b>28.4428</b>
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**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	0.0220	0.0402	0.3941	1.2100e-003	0.0932	7.8000e-004	0.0940	0.0248	7.2000e-004	0.0255	0.0000	85.2906	85.2906	4.1400e-003	0.0000	85.3775
<b>Total</b>	<b>0.0220</b>	<b>0.0402</b>	<b>0.3941</b>	<b>1.2100e-003</b>	<b>0.0932</b>	<b>7.8000e-004</b>	<b>0.0940</b>	<b>0.0248</b>	<b>7.2000e-004</b>	<b>0.0255</b>	<b>0.0000</b>	<b>85.2906</b>	<b>85.2906</b>	<b>4.1400e-003</b>	<b>0.0000</b>	<b>85.3775</b>

**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	5.4300e-003	0.1172	0.1789	3.1000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	28.2580	28.2580	8.8000e-003	0.0000	28.4428
<b>Total</b>	<b>5.4300e-003</b>	<b>0.1172</b>	<b>0.1789</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>1.8500e-003</b>	<b>1.8500e-003</b>	<b>0.0000</b>	<b>1.8500e-003</b>	<b>1.8500e-003</b>	<b>0.0000</b>	<b>28.2580</b>	<b>28.2580</b>	<b>8.8000e-003</b>	<b>0.0000</b>	<b>28.4428</b>

**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	0.0220	0.0402	0.3941	1.2100e-003	0.0932	7.8000e-004	0.0940	0.0248	7.2000e-004	0.0255	0.0000	85.2906	85.2906	4.1400e-003	0.0000	85.3775
<b>Total</b>	<b>0.0220</b>	<b>0.0402</b>	<b>0.3941</b>	<b>1.2100e-003</b>	<b>0.0932</b>	<b>7.8000e-004</b>	<b>0.0940</b>	<b>0.0248</b>	<b>7.2000e-004</b>	<b>0.0255</b>	<b>0.0000</b>	<b>85.2906</b>	<b>85.2906</b>	<b>4.1400e-003</b>	<b>0.0000</b>	<b>85.3775</b>

### 3.4 AREA 1 - Foundations + Building - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1235	10.1164	7.4750	0.0157		0.4781	0.4781		0.4559	0.4559	0.0000	1,405.5335	1,405.5335	0.2837	0.0000	1,411.4917
<b>Total</b>	<b>1.1235</b>	<b>10.1164</b>	<b>7.4750</b>	<b>0.0157</b>		<b>0.4781</b>	<b>0.4781</b>		<b>0.4559</b>	<b>0.4559</b>	<b>0.0000</b>	<b>1,405.5335</b>	<b>1,405.5335</b>	<b>0.2837</b>	<b>0.0000</b>	<b>1,411.4917</b>

#### 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	0.4054	0.7417	7.2641	0.0222	1.7184	0.0144	1.7328	0.4570	0.0133	0.4703	0.0000	1,572.0753	1,572.0753	0.0763	0.0000	1,573.6775
<b>Total</b>	<b>0.4054</b>	<b>0.7417</b>	<b>7.2641</b>	<b>0.0222</b>	<b>1.7184</b>	<b>0.0144</b>	<b>1.7328</b>	<b>0.4570</b>	<b>0.0133</b>	<b>0.4703</b>	<b>0.0000</b>	<b>1,572.0753</b>	<b>1,572.0753</b>	<b>0.0763</b>	<b>0.0000</b>	<b>1,573.6775</b>

**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	0.2322	5.2297	8.8677	0.0157		0.0556	0.0556		0.0556	0.0556	0.0000	1,405.5318	1,405.5318	0.2837	0.0000	1,411.4900
<b>Total</b>	<b>0.2322</b>	<b>5.2297</b>	<b>8.8677</b>	<b>0.0157</b>		<b>0.0556</b>	<b>0.0556</b>		<b>0.0556</b>	<b>0.0556</b>	<b>0.0000</b>	<b>1,405.5318</b>	<b>1,405.5318</b>	<b>0.2837</b>	<b>0.0000</b>	<b>1,411.4900</b>

**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	0.4054	0.7417	7.2641	0.0222	1.7184	0.0144	1.7328	0.4570	0.0133	0.4703	0.0000	1,572.0753	1,572.0753	0.0763	0.0000	1,573.6775
<b>Total</b>	<b>0.4054</b>	<b>0.7417</b>	<b>7.2641</b>	<b>0.0222</b>	<b>1.7184</b>	<b>0.0144</b>	<b>1.7328</b>	<b>0.4570</b>	<b>0.0133</b>	<b>0.4703</b>	<b>0.0000</b>	<b>1,572.0753</b>	<b>1,572.0753</b>	<b>0.0763</b>	<b>0.0000</b>	<b>1,573.6775</b>

### 3.4 AREA 1 - Foundations + Building - 2019

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0390	9.3207	7.3995	0.0160		0.4304	0.4304		0.4105	0.4105	0.0000	1,420.6222	1,420.6222	0.2846	0.0000	1,426.5980
<b>Total</b>	<b>1.0390</b>	<b>9.3207</b>	<b>7.3995</b>	<b>0.0160</b>		<b>0.4304</b>	<b>0.4304</b>		<b>0.4105</b>	<b>0.4105</b>	<b>0.0000</b>	<b>1,420.6222</b>	<b>1,420.6222</b>	<b>0.2846</b>	<b>0.0000</b>	<b>1,426.5980</b>

#### 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	0.3764	0.6941	6.7890	0.0227	1.7520	0.0145	1.7664	0.4660	0.0134	0.4793	0.0000	1,544.9009	1,544.9009	0.0730	0.0000	1,546.4345
<b>Total</b>	<b>0.3764</b>	<b>0.6941</b>	<b>6.7890</b>	<b>0.0227</b>	<b>1.7520</b>	<b>0.0145</b>	<b>1.7664</b>	<b>0.4660</b>	<b>0.0134</b>	<b>0.4793</b>	<b>0.0000</b>	<b>1,544.9009</b>	<b>1,544.9009</b>	<b>0.0730</b>	<b>0.0000</b>	<b>1,546.4345</b>

#### 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	0.2367	5.3318	9.0409	0.0160		0.0567	0.0567		0.0567	0.0567	0.0000	1,420.6205	1,420.6205	0.2846	0.0000	1,426.5963
<b>Total</b>	<b>0.2367</b>	<b>5.3318</b>	<b>9.0409</b>	<b>0.0160</b>		<b>0.0567</b>	<b>0.0567</b>		<b>0.0567</b>	<b>0.0567</b>	<b>0.0000</b>	<b>1,420.6205</b>	<b>1,420.6205</b>	<b>0.2846</b>	<b>0.0000</b>	<b>1,426.5963</b>

**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	0.3764	0.6941	6.7890	0.0227	1.7520	0.0145	1.7664	0.4660	0.0134	0.4793	0.0000	1,544.9009	1,544.9009	0.0730	0.0000	1,546.4345
<b>Total</b>	<b>0.3764</b>	<b>0.6941</b>	<b>6.7890</b>	<b>0.0227</b>	<b>1.7520</b>	<b>0.0145</b>	<b>1.7664</b>	<b>0.4660</b>	<b>0.0134</b>	<b>0.4793</b>	<b>0.0000</b>	<b>1,544.9009</b>	<b>1,544.9009</b>	<b>0.0730</b>	<b>0.0000</b>	<b>1,546.4345</b>

**3.4 AREA 1 - Foundations + Building - 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	0.2288	2.0240	1.7305	3.8700e-003		0.0910	0.0910		0.0868	0.0868	0.0000	339.1537	339.1537	0.0678	0.0000	340.5784

<b>Total</b>	<b>0.2288</b>	<b>2.0240</b>	<b>1.7305</b>	<b>3.8700e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0868</b>	<b>0.0868</b>	<b>0.0000</b>	<b>339.1537</b>	<b>339.1537</b>	<b>0.0678</b>	<b>0.0000</b>	<b>340.5784</b>
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**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	0.0847	0.1554	1.5240	5.4700e-003	0.4229	3.4700e-003	0.4264	0.1125	3.2200e-003	0.1157	0.0000	357.8613	357.8613	0.0167	0.0000	358.2124
<b>Total</b>	<b>0.0847</b>	<b>0.1554</b>	<b>1.5240</b>	<b>5.4700e-003</b>	<b>0.4229</b>	<b>3.4700e-003</b>	<b>0.4264</b>	<b>0.1125</b>	<b>3.2200e-003</b>	<b>0.1157</b>	<b>0.0000</b>	<b>357.8613</b>	<b>357.8613</b>	<b>0.0167</b>	<b>0.0000</b>	<b>358.2124</b>

**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	0.0571	1.2870	2.1823	3.8700e-003		0.0137	0.0137		0.0137	0.0137	0.0000	339.1533	339.1533	0.0678	0.0000	340.5780
<b>Total</b>	<b>0.0571</b>	<b>1.2870</b>	<b>2.1823</b>	<b>3.8700e-003</b>		<b>0.0137</b>	<b>0.0137</b>		<b>0.0137</b>	<b>0.0137</b>	<b>0.0000</b>	<b>339.1533</b>	<b>339.1533</b>	<b>0.0678</b>	<b>0.0000</b>	<b>340.5780</b>

**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	0.0847	0.1554	1.5240	5.4700e-003	0.4229	3.4700e-003	0.4264	0.1125	3.2200e-003	0.1157	0.0000	357.8613	357.8613	0.0167	0.0000	358.2124
<b>Total</b>	<b>0.0847</b>	<b>0.1554</b>	<b>1.5240</b>	<b>5.4700e-003</b>	<b>0.4229</b>	<b>3.4700e-003</b>	<b>0.4264</b>	<b>0.1125</b>	<b>3.2200e-003</b>	<b>0.1157</b>	<b>0.0000</b>	<b>357.8613</b>	<b>357.8613</b>	<b>0.0167</b>	<b>0.0000</b>	<b>358.2124</b>

### 3.5 AREA 1 - Architectural Coating (FOR FUGITIVE EMISSIONS)

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.8430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>2.8430</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

#### 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					





### 3.5 AREA 1 - Architectural Coating (FOR FUGITIVE EMISSIONS)

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.8985					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>2.8985</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

#### 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
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
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>					<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

#### Mitigated Construction On-Site



<b>Total</b>	<b>0.6996</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>
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**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
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
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>					<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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	0.6996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.6996</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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
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
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>					<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### 3.6 AREA 2 - Demo + Rough Grade - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0116	0.0000	0.0116	1.6000e-003	0.0000	1.6000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1054	1.2740	0.7751	1.4900e-003		0.0554	0.0554		0.0509	0.0509	0.0000	136.3212	136.3212	0.0424	0.0000	137.2124
<b>Total</b>	<b>0.1054</b>	<b>1.2740</b>	<b>0.7751</b>	<b>1.4900e-003</b>	<b>0.0116</b>	<b>0.0554</b>	<b>0.0670</b>	<b>1.6000e-003</b>	<b>0.0509</b>	<b>0.0525</b>	<b>0.0000</b>	<b>136.3212</b>	<b>136.3212</b>	<b>0.0424</b>	<b>0.0000</b>	<b>137.2124</b>

#### 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	6.3300e-003	0.0116	0.1135	3.5000e-004	0.0269	2.2000e-004	0.0271	7.1400e-003	2.1000e-004	7.3500e-003	0.0000	24.5637	24.5637	1.1900e-003	0.0000	24.5887
<b>Total</b>	<b>6.3300e-003</b>	<b>0.0116</b>	<b>0.1135</b>	<b>3.5000e-004</b>	<b>0.0269</b>	<b>2.2000e-004</b>	<b>0.0271</b>	<b>7.1400e-003</b>	<b>2.1000e-004</b>	<b>7.3500e-003</b>	<b>0.0000</b>	<b>24.5637</b>	<b>24.5637</b>	<b>1.1900e-003</b>	<b>0.0000</b>	<b>24.5887</b>

**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					5.2300e-003	0.0000	5.2300e-003	7.2000e-004	0.0000	7.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0235	0.4341	0.8451	1.4900e-003		2.4400e-003	2.4400e-003		2.4400e-003	2.4400e-003	0.0000	136.3211	136.3211	0.0424	0.0000	137.2123
<b>Total</b>	<b>0.0235</b>	<b>0.4341</b>	<b>0.8451</b>	<b>1.4900e-003</b>	<b>5.2300e-003</b>	<b>2.4400e-003</b>	<b>7.6700e-003</b>	<b>7.2000e-004</b>	<b>2.4400e-003</b>	<b>3.1600e-003</b>	<b>0.0000</b>	<b>136.3211</b>	<b>136.3211</b>	<b>0.0424</b>	<b>0.0000</b>	<b>137.2123</b>

**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	6.3300e-003	0.0116	0.1135	3.5000e-004	0.0269	2.2000e-004	0.0271	7.1400e-003	2.1000e-004	7.3500e-003	0.0000	24.5637	24.5637	1.1900e-003	0.0000	24.5887
<b>Total</b>	<b>6.3300e-003</b>	<b>0.0116</b>	<b>0.1135</b>	<b>3.5000e-004</b>	<b>0.0269</b>	<b>2.2000e-004</b>	<b>0.0271</b>	<b>7.1400e-003</b>	<b>2.1000e-004</b>	<b>7.3500e-003</b>	<b>0.0000</b>	<b>24.5637</b>	<b>24.5637</b>	<b>1.1900e-003</b>	<b>0.0000</b>	<b>24.5887</b>

### 3.7 AREA 2 - Infrastructure - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.0269	0.2510	0.1296	3.3000e-004		0.0111	0.0111		0.0103	0.0103	0.0000	30.5187	30.5187	9.5000e-003	0.0000	30.7182
<b>Total</b>	<b>0.0269</b>	<b>0.2510</b>	<b>0.1296</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.0111</b>	<b>0.0111</b>	<b>0.0000</b>	<b>0.0103</b>	<b>0.0103</b>	<b>0.0000</b>	<b>30.5187</b>	<b>30.5187</b>	<b>9.5000e-003</b>	<b>0.0000</b>	<b>30.7182</b>

#### 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	0.0143	0.0261	0.2554	7.8000e-004	0.0604	5.0000e-004	0.0609	0.0161	4.7000e-004	0.0165	0.0000	55.2683	55.2683	2.6800e-003	0.0000	55.3246
<b>Total</b>	<b>0.0143</b>	<b>0.0261</b>	<b>0.2554</b>	<b>7.8000e-004</b>	<b>0.0604</b>	<b>5.0000e-004</b>	<b>0.0609</b>	<b>0.0161</b>	<b>4.7000e-004</b>	<b>0.0165</b>	<b>0.0000</b>	<b>55.2683</b>	<b>55.2683</b>	<b>2.6800e-003</b>	<b>0.0000</b>	<b>55.3246</b>

#### Mitigated Construction On-Site



Off-Road	0.0233	0.2145	0.1175	3.1000e-004		9.4600e-003	9.4600e-003		8.7000e-003	8.7000e-003	0.0000	27.7915	27.7915	8.7900e-003	0.0000	27.9762
<b>Total</b>	<b>0.0233</b>	<b>0.2145</b>	<b>0.1175</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>9.4600e-003</b>	<b>9.4600e-003</b>	<b>0.0000</b>	<b>8.7000e-003</b>	<b>8.7000e-003</b>	<b>0.0000</b>	<b>27.7915</b>	<b>27.7915</b>	<b>8.7900e-003</b>	<b>0.0000</b>	<b>27.9762</b>

**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	0.0120	0.0222	0.2168	7.2000e-004	0.0559	4.6000e-004	0.0564	0.0149	4.3000e-004	0.0153	0.0000	49.3263	49.3263	2.3300e-003	0.0000	49.3753
<b>Total</b>	<b>0.0120</b>	<b>0.0222</b>	<b>0.2168</b>	<b>7.2000e-004</b>	<b>0.0559</b>	<b>4.6000e-004</b>	<b>0.0564</b>	<b>0.0149</b>	<b>4.3000e-004</b>	<b>0.0153</b>	<b>0.0000</b>	<b>49.3263</b>	<b>49.3263</b>	<b>2.3300e-003</b>	<b>0.0000</b>	<b>49.3753</b>

**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	5.4300e-003	0.1172	0.1789	3.1000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	27.7915	27.7915	8.7900e-003	0.0000	27.9761
<b>Total</b>	<b>5.4300e-003</b>	<b>0.1172</b>	<b>0.1789</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>1.8500e-003</b>	<b>1.8500e-003</b>	<b>0.0000</b>	<b>1.8500e-003</b>	<b>1.8500e-003</b>	<b>0.0000</b>	<b>27.7915</b>	<b>27.7915</b>	<b>8.7900e-003</b>	<b>0.0000</b>	<b>27.9761</b>

**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	0.0120	0.0222	0.2168	7.2000e-004	0.0559	4.6000e-004	0.0564	0.0149	4.3000e-004	0.0153	0.0000	49.3263	49.3263	2.3300e-003	0.0000	49.3753
<b>Total</b>	<b>0.0120</b>	<b>0.0222</b>	<b>0.2168</b>	<b>7.2000e-004</b>	<b>0.0559</b>	<b>4.6000e-004</b>	<b>0.0564</b>	<b>0.0149</b>	<b>4.3000e-004</b>	<b>0.0153</b>	<b>0.0000</b>	<b>49.3263</b>	<b>49.3263</b>	<b>2.3300e-003</b>	<b>0.0000</b>	<b>49.3753</b>

### 3.8 AREA 2 - Foundations + Building - 2019

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.5244	4.3002	4.0596	8.0400e-003		0.2135	0.2135		0.2078	0.2078	0.0000	687.0031	687.0031	0.1121	0.0000	689.3571
<b>Total</b>	<b>0.5244</b>	<b>4.3002</b>	<b>4.0596</b>	<b>8.0400e-003</b>		<b>0.2135</b>	<b>0.2135</b>		<b>0.2078</b>	<b>0.2078</b>	<b>0.0000</b>	<b>687.0031</b>	<b>687.0031</b>	<b>0.1121</b>	<b>0.0000</b>	<b>689.3571</b>

#### 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	0.3692	0.6808	6.6589	0.0222	1.7184	0.0142	1.7326	0.4570	0.0131	0.4702	0.0000	1,515.3051	1,515.3051	0.0716	0.0000	1,516.8093
<b>Total</b>	<b>0.3692</b>	<b>0.6808</b>	<b>6.6589</b>	<b>0.0222</b>	<b>1.7184</b>	<b>0.0142</b>	<b>1.7326</b>	<b>0.4570</b>	<b>0.0131</b>	<b>0.4702</b>	<b>0.0000</b>	<b>1,515.3051</b>	<b>1,515.3051</b>	<b>0.0716</b>	<b>0.0000</b>	<b>1,516.8093</b>

**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	0.0987	2.7251	4.5852	8.0400e-003		0.0278	0.0278		0.0278	0.0278	0.0000	687.0022	687.0022	0.1121	0.0000	689.3563
<b>Total</b>	<b>0.0987</b>	<b>2.7251</b>	<b>4.5852</b>	<b>8.0400e-003</b>		<b>0.0278</b>	<b>0.0278</b>		<b>0.0278</b>	<b>0.0278</b>	<b>0.0000</b>	<b>687.0022</b>	<b>687.0022</b>	<b>0.1121</b>	<b>0.0000</b>	<b>689.3563</b>

**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	0.3692	0.6808	6.6589	0.0222	1.7184	0.0142	1.7326	0.4570	0.0131	0.4702	0.0000	1,515.3051	1,515.3051	0.0716	0.0000	1,516.8093
<b>Total</b>	<b>0.3692</b>	<b>0.6808</b>	<b>6.6589</b>	<b>0.0222</b>	<b>1.7184</b>	<b>0.0142</b>	<b>1.7326</b>	<b>0.4570</b>	<b>0.0131</b>	<b>0.4702</b>	<b>0.0000</b>	<b>1,515.3051</b>	<b>1,515.3051</b>	<b>0.0716</b>	<b>0.0000</b>	<b>1,516.8093</b>

### 3.8 AREA 2 - Foundations + Building - 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	0.3670	2.9327	3.0319	6.0900e-003		0.1429	0.1429		0.1392	0.1392	0.0000	516.5249	516.5249	0.0831	0.0000	518.2697
<b>Total</b>	<b>0.3670</b>	<b>2.9327</b>	<b>3.0319</b>	<b>6.0900e-003</b>		<b>0.1429</b>	<b>0.1429</b>		<b>0.1392</b>	<b>0.1392</b>	<b>0.0000</b>	<b>516.5249</b>	<b>516.5249</b>	<b>0.0831</b>	<b>0.0000</b>	<b>518.2697</b>

#### 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	0.2608	0.4786	4.6930	0.0169	1.3022	0.0107	1.3129	0.3463	9.9200e-003	0.3563	0.0000	1,101.9857	1,101.9857	0.0515	0.0000	1,103.0667
<b>Total</b>	<b>0.2608</b>	<b>0.4786</b>	<b>4.6930</b>	<b>0.0169</b>	<b>1.3022</b>	<b>0.0107</b>	<b>1.3129</b>	<b>0.3463</b>	<b>9.9200e-003</b>	<b>0.3563</b>	<b>0.0000</b>	<b>1,101.9857</b>	<b>1,101.9857</b>	<b>0.0515</b>	<b>0.0000</b>	<b>1,103.0667</b>

#### Mitigated Construction On-Site



<b>Total</b>	<b>2.8717</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>
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**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
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
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>					<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.8717					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>2.8717</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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
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
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>					<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### 3.9 AREA 2 - Architectural Coating (FOR FUGITIVE EMISSIONS)

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.1762					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>2.1762</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

#### 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					



### 3.10 AREA 3 - Demo + Rough Grade - 2019

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.4000e-003	0.0000	5.4000e-003	7.5000e-004	0.0000	7.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0677	0.7860	0.5292	1.0500e-003		0.0351	0.0351		0.0323	0.0323	0.0000	94.0635	94.0635	0.0298	0.0000	94.6885
<b>Total</b>	<b>0.0677</b>	<b>0.7860</b>	<b>0.5292</b>	<b>1.0500e-003</b>	<b>5.4000e-003</b>	<b>0.0351</b>	<b>0.0405</b>	<b>7.5000e-004</b>	<b>0.0323</b>	<b>0.0331</b>	<b>0.0000</b>	<b>94.0635</b>	<b>94.0635</b>	<b>0.0298</b>	<b>0.0000</b>	<b>94.6885</b>

#### 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	5.7700e-003	0.0106	0.1041	3.5000e-004	0.0269	2.2000e-004	0.0271	7.1400e-003	2.1000e-004	7.3500e-003	0.0000	23.6766	23.6766	1.1200e-003	0.0000	23.7001
<b>Total</b>	<b>5.7700e-003</b>	<b>0.0106</b>	<b>0.1041</b>	<b>3.5000e-004</b>	<b>0.0269</b>	<b>2.2000e-004</b>	<b>0.0271</b>	<b>7.1400e-003</b>	<b>2.1000e-004</b>	<b>7.3500e-003</b>	<b>0.0000</b>	<b>23.6766</b>	<b>23.6766</b>	<b>1.1200e-003</b>	<b>0.0000</b>	<b>23.7001</b>

#### Mitigated Construction On-Site





Off-Road	0.0251	0.2317	0.1269	3.3000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	30.0148	30.0148	9.5000e-003	0.0000	30.2143
<b>Total</b>	<b>0.0251</b>	<b>0.2317</b>	<b>0.1269</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.0102</b>	<b>0.0102</b>	<b>0.0000</b>	<b>9.4000e-003</b>	<b>9.4000e-003</b>	<b>0.0000</b>	<b>30.0148</b>	<b>30.0148</b>	<b>9.5000e-003</b>	<b>0.0000</b>	<b>30.2143</b>

**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	0.0130	0.0239	0.2341	7.8000e-004	0.0604	5.0000e-004	0.0609	0.0161	4.6000e-004	0.0165	0.0000	53.2725	53.2725	2.5200e-003	0.0000	53.3253
<b>Total</b>	<b>0.0130</b>	<b>0.0239</b>	<b>0.2341</b>	<b>7.8000e-004</b>	<b>0.0604</b>	<b>5.0000e-004</b>	<b>0.0609</b>	<b>0.0161</b>	<b>4.6000e-004</b>	<b>0.0165</b>	<b>0.0000</b>	<b>53.2725</b>	<b>53.2725</b>	<b>2.5200e-003</b>	<b>0.0000</b>	<b>53.3253</b>

**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	5.8700e-003	0.1266	0.1932	3.3000e-004		2.0000e-003	2.0000e-003		2.0000e-003	2.0000e-003	0.0000	30.0148	30.0148	9.5000e-003	0.0000	30.2142
<b>Total</b>	<b>5.8700e-003</b>	<b>0.1266</b>	<b>0.1932</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>2.0000e-003</b>	<b>2.0000e-003</b>	<b>0.0000</b>	<b>2.0000e-003</b>	<b>2.0000e-003</b>	<b>0.0000</b>	<b>30.0148</b>	<b>30.0148</b>	<b>9.5000e-003</b>	<b>0.0000</b>	<b>30.2142</b>

**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	0.0130	0.0239	0.2341	7.8000e-004	0.0604	5.0000e-004	0.0609	0.0161	4.6000e-004	0.0165	0.0000	53.2725	53.2725	2.5200e-003	0.0000	53.3253
<b>Total</b>	<b>0.0130</b>	<b>0.0239</b>	<b>0.2341</b>	<b>7.8000e-004</b>	<b>0.0604</b>	<b>5.0000e-004</b>	<b>0.0609</b>	<b>0.0161</b>	<b>4.6000e-004</b>	<b>0.0165</b>	<b>0.0000</b>	<b>53.2725</b>	<b>53.2725</b>	<b>2.5200e-003</b>	<b>0.0000</b>	<b>53.3253</b>

### 3.11 AREA 3 - Infrastructure - 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	0.0217	0.1924	0.1156	3.1000e-004		8.6000e-003	8.6000e-003		7.9100e-003	7.9100e-003	0.0000	27.1634	27.1634	8.7900e-003	0.0000	27.3478
<b>Total</b>	<b>0.0217</b>	<b>0.1924</b>	<b>0.1156</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>8.6000e-003</b>	<b>8.6000e-003</b>	<b>0.0000</b>	<b>7.9100e-003</b>	<b>7.9100e-003</b>	<b>0.0000</b>	<b>27.1634</b>	<b>27.1634</b>	<b>8.7900e-003</b>	<b>0.0000</b>	<b>27.3478</b>

#### 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	0.0112	0.0206	0.2016	7.2000e-004	0.0559	4.6000e-004	0.0564	0.0149	4.3000e-004	0.0153	0.0000	47.3362	47.3362	2.2100e-003	0.0000	47.3826
<b>Total</b>	<b>0.0112</b>	<b>0.0206</b>	<b>0.2016</b>	<b>7.2000e-004</b>	<b>0.0559</b>	<b>4.6000e-004</b>	<b>0.0564</b>	<b>0.0149</b>	<b>4.3000e-004</b>	<b>0.0153</b>	<b>0.0000</b>	<b>47.3362</b>	<b>47.3362</b>	<b>2.2100e-003</b>	<b>0.0000</b>	<b>47.3826</b>

**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	5.4300e-003	0.1172	0.1789	3.1000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	27.1633	27.1633	8.7900e-003	0.0000	27.3478
<b>Total</b>	<b>5.4300e-003</b>	<b>0.1172</b>	<b>0.1789</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>1.8500e-003</b>	<b>1.8500e-003</b>	<b>0.0000</b>	<b>1.8500e-003</b>	<b>1.8500e-003</b>	<b>0.0000</b>	<b>27.1633</b>	<b>27.1633</b>	<b>8.7900e-003</b>	<b>0.0000</b>	<b>27.3478</b>

**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	0.0112	0.0206	0.2016	7.2000e-004	0.0559	4.6000e-004	0.0564	0.0149	4.3000e-004	0.0153	0.0000	47.3362	47.3362	2.2100e-003	0.0000	47.3826
<b>Total</b>	<b>0.0112</b>	<b>0.0206</b>	<b>0.2016</b>	<b>7.2000e-004</b>	<b>0.0559</b>	<b>4.6000e-004</b>	<b>0.0564</b>	<b>0.0149</b>	<b>4.3000e-004</b>	<b>0.0153</b>	<b>0.0000</b>	<b>47.3362</b>	<b>47.3362</b>	<b>2.2100e-003</b>	<b>0.0000</b>	<b>47.3826</b>

### 3.12 AREA 1 - Paving + Landscape - 2019

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5400e-003	0.0127	0.0120	2.0000e-005		7.0000e-004	7.0000e-004		6.4000e-004	6.4000e-004	0.0000	1.6086	1.6086	5.1000e-004	0.0000	1.6193
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.5400e-003</b>	<b>0.0127</b>	<b>0.0120</b>	<b>2.0000e-005</b>		<b>7.0000e-004</b>	<b>7.0000e-004</b>		<b>6.4000e-004</b>	<b>6.4000e-004</b>	<b>0.0000</b>	<b>1.6086</b>	<b>1.6086</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>1.6193</b>

#### 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	3.5400e-003	6.5300e-003	0.0639	2.1000e-004	0.0165	1.4000e-004	0.0166	4.3800e-003	1.3000e-004	4.5100e-003	0.0000	14.5348	14.5348	6.9000e-004	0.0000	14.5493
<b>Total</b>	<b>3.5400e-003</b>	<b>6.5300e-003</b>	<b>0.0639</b>	<b>2.1000e-004</b>	<b>0.0165</b>	<b>1.4000e-004</b>	<b>0.0166</b>	<b>4.3800e-003</b>	<b>1.3000e-004</b>	<b>4.5100e-003</b>	<b>0.0000</b>	<b>14.5348</b>	<b>14.5348</b>	<b>6.9000e-004</b>	<b>0.0000</b>	<b>14.5493</b>

#### 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	3.2000e-004	7.2700e-003	0.0105	2.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	1.6086	1.6086	5.1000e-004	0.0000	1.6193
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.2000e-004</b>	<b>7.2700e-003</b>	<b>0.0105</b>	<b>2.0000e-005</b>		<b>1.3000e-004</b>	<b>1.3000e-004</b>		<b>1.3000e-004</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.6086</b>	<b>1.6086</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>1.6193</b>

### 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	3.5400e-003	6.5300e-003	0.0639	2.1000e-004	0.0165	1.4000e-004	0.0166	4.3800e-003	1.3000e-004	4.5100e-003	0.0000	14.5348	14.5348	6.9000e-004	0.0000	14.5493
<b>Total</b>	<b>3.5400e-003</b>	<b>6.5300e-003</b>	<b>0.0639</b>	<b>2.1000e-004</b>	<b>0.0165</b>	<b>1.4000e-004</b>	<b>0.0166</b>	<b>4.3800e-003</b>	<b>1.3000e-004</b>	<b>4.5100e-003</b>	<b>0.0000</b>	<b>14.5348</b>	<b>14.5348</b>	<b>6.9000e-004</b>	<b>0.0000</b>	<b>14.5493</b>

### 3.12 AREA 1 - Paving + Landscape - 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	5.4800e-003	0.0453	0.0464	7.0000e-005		2.4500e-003	2.4500e-003		2.2600e-003	2.2600e-003	0.0000	6.1085	6.1085	1.9800e-003	0.0000	6.1500

Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
<b>Total</b>	<b>5.4800e-003</b>	<b>0.0453</b>	<b>0.0464</b>	<b>7.0000e-005</b>		<b>2.4500e-003</b>	<b>2.4500e-003</b>		<b>2.2600e-003</b>	<b>2.2600e-003</b>	<b>0.0000</b>	<b>6.1085</b>	<b>6.1085</b>	<b>1.9800e-003</b>	<b>0.0000</b>	<b>6.1500</b>

**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	0.0128	0.0235	0.2306	8.3000e-004	0.0640	5.3000e-004	0.0645	0.0170	4.9000e-004	0.0175	0.0000	54.1526	54.1526	2.5300e-003	0.0000	54.2057
<b>Total</b>	<b>0.0128</b>	<b>0.0235</b>	<b>0.2306</b>	<b>8.3000e-004</b>	<b>0.0640</b>	<b>5.3000e-004</b>	<b>0.0645</b>	<b>0.0170</b>	<b>4.9000e-004</b>	<b>0.0175</b>	<b>0.0000</b>	<b>54.1526</b>	<b>54.1526</b>	<b>2.5300e-003</b>	<b>0.0000</b>	<b>54.2057</b>

**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	1.2400e-003	0.0282	0.0408	7.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	6.1085	6.1085	1.9800e-003	0.0000	6.1500
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.2400e-003</b>	<b>0.0282</b>	<b>0.0408</b>	<b>7.0000e-005</b>		<b>4.9000e-004</b>	<b>4.9000e-004</b>		<b>4.9000e-004</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>6.1085</b>	<b>6.1085</b>	<b>1.9800e-003</b>	<b>0.0000</b>	<b>6.1500</b>

**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	0.0128	0.0235	0.2306	8.3000e-004	0.0640	5.3000e-004	0.0645	0.0170	4.9000e-004	0.0175	0.0000	54.1526	54.1526	2.5300e-003	0.0000	54.2057
<b>Total</b>	<b>0.0128</b>	<b>0.0235</b>	<b>0.2306</b>	<b>8.3000e-004</b>	<b>0.0640</b>	<b>5.3000e-004</b>	<b>0.0645</b>	<b>0.0170</b>	<b>4.9000e-004</b>	<b>0.0175</b>	<b>0.0000</b>	<b>54.1526</b>	<b>54.1526</b>	<b>2.5300e-003</b>	<b>0.0000</b>	<b>54.2057</b>

### 3.13 AREA 3 - Foundations + Building - 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	0.5137	4.5484	4.1180	0.0106		0.2010	0.2010		0.1932	0.1932	0.0000	915.7374	915.7374	0.2129	0.0000	920.2077
<b>Total</b>	<b>0.5137</b>	<b>4.5484</b>	<b>4.1180</b>	<b>0.0106</b>		<b>0.2010</b>	<b>0.2010</b>		<b>0.1932</b>	<b>0.1932</b>	<b>0.0000</b>	<b>915.7374</b>	<b>915.7374</b>	<b>0.2129</b>	<b>0.0000</b>	<b>920.2077</b>

#### 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	0.1536	0.2818	2.7631	9.9200e-003	0.7667	6.3000e-003	0.7730	0.2039	5.8400e-003	0.2098	0.0000	648.8209	648.8209	0.0303	0.0000	649.4574
<b>Total</b>	<b>0.1536</b>	<b>0.2818</b>	<b>2.7631</b>	<b>9.9200e-003</b>	<b>0.7667</b>	<b>6.3000e-003</b>	<b>0.7730</b>	<b>0.2039</b>	<b>5.8400e-003</b>	<b>0.2098</b>	<b>0.0000</b>	<b>648.8209</b>	<b>648.8209</b>	<b>0.0303</b>	<b>0.0000</b>	<b>649.4574</b>

**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	0.1591	3.3565	5.9020	0.0106		0.0444	0.0444		0.0444	0.0444	0.0000	915.7363	915.7363	0.2129	0.0000	920.2066
<b>Total</b>	<b>0.1591</b>	<b>3.3565</b>	<b>5.9020</b>	<b>0.0106</b>		<b>0.0444</b>	<b>0.0444</b>		<b>0.0444</b>	<b>0.0444</b>	<b>0.0000</b>	<b>915.7363</b>	<b>915.7363</b>	<b>0.2129</b>	<b>0.0000</b>	<b>920.2066</b>

**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	0.1536	0.2818	2.7631	9.9200e-003	0.7667	6.3000e-003	0.7730	0.2039	5.8400e-003	0.2098	0.0000	648.8209	648.8209	0.0303	0.0000	649.4574
<b>Total</b>	<b>0.1536</b>	<b>0.2818</b>	<b>2.7631</b>	<b>9.9200e-003</b>	<b>0.7667</b>	<b>6.3000e-003</b>	<b>0.7730</b>	<b>0.2039</b>	<b>5.8400e-003</b>	<b>0.2098</b>	<b>0.0000</b>	<b>648.8209</b>	<b>648.8209</b>	<b>0.0303</b>	<b>0.0000</b>	<b>649.4574</b>

### 3.13 AREA 3 - Foundations + Building - 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	0.4458	3.7662	3.8398	0.0101		0.1647	0.1647		0.1583	0.1583	0.0000	865.2943	865.2943	0.1994	0.0000	869.4818
<b>Total</b>	<b>0.4458</b>	<b>3.7662</b>	<b>3.8398</b>	<b>0.0101</b>		<b>0.1647</b>	<b>0.1647</b>		<b>0.1583</b>	<b>0.1583</b>	<b>0.0000</b>	<b>865.2943</b>	<b>865.2943</b>	<b>0.1994</b>	<b>0.0000</b>	<b>869.4818</b>

#### 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	0.1370	0.2494	2.4544	9.3800e-003	0.7250	5.9600e-003	0.7309	0.1928	5.5300e-003	0.1983	0.0000	602.5694	602.5694	0.0274	0.0000	603.1442
<b>Total</b>	<b>0.1370</b>	<b>0.2494</b>	<b>2.4544</b>	<b>9.3800e-003</b>	<b>0.7250</b>	<b>5.9600e-003</b>	<b>0.7309</b>	<b>0.1928</b>	<b>5.5300e-003</b>	<b>0.1983</b>	<b>0.0000</b>	<b>602.5694</b>	<b>602.5694</b>	<b>0.0274</b>	<b>0.0000</b>	<b>603.1442</b>

#### Mitigated Construction On-Site



<b>Total</b>	<b>1.5352</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>
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**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
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
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>					<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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	1.5352					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.5352</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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
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
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>					<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**3.14 AREA 3 - Architectural Coating (FOR FUGITIVE  
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	1.4516					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.4516</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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					



### 3.15 AREA 4 - Demo + Rough 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					8.5700e-003	0.0000	8.5700e-003	1.1800e-003	0.0000	1.1800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0630	0.7156	0.5063	1.0500e-003		0.0314	0.0314		0.0289	0.0289	0.0000	91.9915	91.9915	0.0298	0.0000	92.6163
<b>Total</b>	<b>0.0630</b>	<b>0.7156</b>	<b>0.5063</b>	<b>1.0500e-003</b>	<b>8.5700e-003</b>	<b>0.0314</b>	<b>0.0400</b>	<b>1.1800e-003</b>	<b>0.0289</b>	<b>0.0301</b>	<b>0.0000</b>	<b>91.9915</b>	<b>91.9915</b>	<b>0.0298</b>	<b>0.0000</b>	<b>92.6163</b>

#### 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	7.1700e-003	0.0132	0.1290	4.6000e-004	0.0358	2.9000e-004	0.0361	9.5200e-003	2.7000e-004	9.7900e-003	0.0000	30.2951	30.2951	1.4200e-003	0.0000	30.3249
<b>Total</b>	<b>7.1700e-003</b>	<b>0.0132</b>	<b>0.1290</b>	<b>4.6000e-004</b>	<b>0.0358</b>	<b>2.9000e-004</b>	<b>0.0361</b>	<b>9.5200e-003</b>	<b>2.7000e-004</b>	<b>9.7900e-003</b>	<b>0.0000</b>	<b>30.2951</b>	<b>30.2951</b>	<b>1.4200e-003</b>	<b>0.0000</b>	<b>30.3249</b>

#### 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					3.8600e-003	0.0000	3.8600e-003	5.3000e-004	0.0000	5.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0162	0.3167	0.6085	1.0500e-003		1.7100e-003	1.7100e-003		1.7100e-003	1.7100e-003	0.0000	91.9914	91.9914	0.0298	0.0000	92.6162
<b>Total</b>	<b>0.0162</b>	<b>0.3167</b>	<b>0.6085</b>	<b>1.0500e-003</b>	<b>3.8600e-003</b>	<b>1.7100e-003</b>	<b>5.5700e-003</b>	<b>5.3000e-004</b>	<b>1.7100e-003</b>	<b>2.2400e-003</b>	<b>0.0000</b>	<b>91.9914</b>	<b>91.9914</b>	<b>0.0298</b>	<b>0.0000</b>	<b>92.6162</b>

**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	7.1700e-003	0.0132	0.1290	4.6000e-004	0.0358	2.9000e-004	0.0361	9.5200e-003	2.7000e-004	9.7900e-003	0.0000	30.2951	30.2951	1.4200e-003	0.0000	30.3249
<b>Total</b>	<b>7.1700e-003</b>	<b>0.0132</b>	<b>0.1290</b>	<b>4.6000e-004</b>	<b>0.0358</b>	<b>2.9000e-004</b>	<b>0.0361</b>	<b>9.5200e-003</b>	<b>2.7000e-004</b>	<b>9.7900e-003</b>	<b>0.0000</b>	<b>30.2951</b>	<b>30.2951</b>	<b>1.4200e-003</b>	<b>0.0000</b>	<b>30.3249</b>

**3.16 AREA 2 - Paving + Landscape - 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	0.0111	0.0925	0.0956	1.4000e-004		5.0300e-003	5.0300e-003		4.6300e-003	4.6300e-003	0.0000	12.6517	12.6517	4.0900e-003	0.0000	12.7377



Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
<b>Total</b>	<b>0.0111</b>	<b>0.0925</b>	<b>0.0956</b>	<b>1.4000e-004</b>		<b>5.0300e-003</b>	<b>5.0300e-003</b>		<b>4.6300e-003</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>12.6517</b>	<b>12.6517</b>	<b>4.0900e-003</b>	<b>0.0000</b>	<b>12.7377</b>

**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	0.0177	0.0325	0.3182	1.1400e-003	0.0883	7.3000e-004	0.0890	0.0235	6.7000e-004	0.0242	0.0000	74.7280	74.7280	3.4900e-003	0.0000	74.8013
<b>Total</b>	<b>0.0177</b>	<b>0.0325</b>	<b>0.3182</b>	<b>1.1400e-003</b>	<b>0.0883</b>	<b>7.3000e-004</b>	<b>0.0890</b>	<b>0.0235</b>	<b>6.7000e-004</b>	<b>0.0242</b>	<b>0.0000</b>	<b>74.7280</b>	<b>74.7280</b>	<b>3.4900e-003</b>	<b>0.0000</b>	<b>74.8013</b>

**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	2.5100e-003	0.0535	0.0827	1.4000e-004		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	12.6517	12.6517	4.0900e-003	0.0000	12.7376
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>2.5100e-003</b>	<b>0.0535</b>	<b>0.0827</b>	<b>1.4000e-004</b>		<b>8.3000e-004</b>	<b>8.3000e-004</b>		<b>8.3000e-004</b>	<b>8.3000e-004</b>	<b>0.0000</b>	<b>12.6517</b>	<b>12.6517</b>	<b>4.0900e-003</b>	<b>0.0000</b>	<b>12.7376</b>

**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	0.0177	0.0325	0.3182	1.1400e-003	0.0883	7.3000e-004	0.0890	0.0235	6.7000e-004	0.0242	0.0000	74.7280	74.7280	3.4900e-003	0.0000	74.8013
<b>Total</b>	<b>0.0177</b>	<b>0.0325</b>	<b>0.3182</b>	<b>1.1400e-003</b>	<b>0.0883</b>	<b>7.3000e-004</b>	<b>0.0890</b>	<b>0.0235</b>	<b>6.7000e-004</b>	<b>0.0242</b>	<b>0.0000</b>	<b>74.7280</b>	<b>74.7280</b>	<b>3.4900e-003</b>	<b>0.0000</b>	<b>74.8013</b>

### 3.16 AREA 2 - Paving + Landscape - 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	4.5400e-003	0.0379	0.0418	6.0000e-005		2.0100e-003	2.0100e-003		1.8500e-003	1.8500e-003	0.0000	5.5542	5.5542	1.8000e-003	0.0000	5.5920
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>4.5400e-003</b>	<b>0.0379</b>	<b>0.0418</b>	<b>6.0000e-005</b>		<b>2.0100e-003</b>	<b>2.0100e-003</b>		<b>1.8500e-003</b>	<b>1.8500e-003</b>	<b>0.0000</b>	<b>5.5542</b>	<b>5.5542</b>	<b>1.8000e-003</b>	<b>0.0000</b>	<b>5.5920</b>

#### 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	7.3300e-003	0.0133	0.1313	5.0000e-004	0.0388	3.2000e-004	0.0391	0.0103	3.0000e-004	0.0106	0.0000	32.2362	32.2362	1.4600e-003	0.0000	32.2670
<b>Total</b>	<b>7.3300e-003</b>	<b>0.0133</b>	<b>0.1313</b>	<b>5.0000e-004</b>	<b>0.0388</b>	<b>3.2000e-004</b>	<b>0.0391</b>	<b>0.0103</b>	<b>3.0000e-004</b>	<b>0.0106</b>	<b>0.0000</b>	<b>32.2362</b>	<b>32.2362</b>	<b>1.4600e-003</b>	<b>0.0000</b>	<b>32.2670</b>

**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	1.1000e-003	0.0235	0.0363	6.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	5.5542	5.5542	1.8000e-003	0.0000	5.5919
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.1000e-003</b>	<b>0.0235</b>	<b>0.0363</b>	<b>6.0000e-005</b>		<b>3.6000e-004</b>	<b>3.6000e-004</b>		<b>3.6000e-004</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>5.5542</b>	<b>5.5542</b>	<b>1.8000e-003</b>	<b>0.0000</b>	<b>5.5919</b>

**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	7.3300e-003	0.0133	0.1313	5.0000e-004	0.0388	3.2000e-004	0.0391	0.0103	3.0000e-004	0.0106	0.0000	32.2362	32.2362	1.4600e-003	0.0000	32.2670
<b>Total</b>	<b>7.3300e-003</b>	<b>0.0133</b>	<b>0.1313</b>	<b>5.0000e-004</b>	<b>0.0388</b>	<b>3.2000e-004</b>	<b>0.0391</b>	<b>0.0103</b>	<b>3.0000e-004</b>	<b>0.0106</b>	<b>0.0000</b>	<b>32.2362</b>	<b>32.2362</b>	<b>1.4600e-003</b>	<b>0.0000</b>	<b>32.2670</b>

### 3.17 AREA 4 - Infrastructure - 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	0.0236	0.2094	0.1258	3.4000e-004		9.3600e-003	9.3600e-003		8.6100e-003	8.6100e-003	0.0000	29.5537	29.5537	9.5600e-003	0.0000	29.7545
<b>Total</b>	<b>0.0236</b>	<b>0.2094</b>	<b>0.1258</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>9.3600e-003</b>	<b>9.3600e-003</b>	<b>0.0000</b>	<b>8.6100e-003</b>	<b>8.6100e-003</b>	<b>0.0000</b>	<b>29.5537</b>	<b>29.5537</b>	<b>9.5600e-003</b>	<b>0.0000</b>	<b>29.7545</b>

#### 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	0.0163	0.0298	0.2924	1.0500e-003	0.0812	6.7000e-004	0.0818	0.0216	6.2000e-004	0.0222	0.0000	68.6690	68.6690	3.2100e-003	0.0000	68.7363
<b>Total</b>	<b>0.0163</b>	<b>0.0298</b>	<b>0.2924</b>	<b>1.0500e-003</b>	<b>0.0812</b>	<b>6.7000e-004</b>	<b>0.0818</b>	<b>0.0216</b>	<b>6.2000e-004</b>	<b>0.0222</b>	<b>0.0000</b>	<b>68.6690</b>	<b>68.6690</b>	<b>3.2100e-003</b>	<b>0.0000</b>	<b>68.7363</b>

#### Mitigated Construction On-Site



Off-Road	0.0197	0.1698	0.1123	3.1000e-004		7.5600e-003	7.5600e-003		6.9500e-003	6.9500e-003	0.0000	26.9485	26.9485	8.7200e-003	0.0000	27.1316
<b>Total</b>	<b>0.0197</b>	<b>0.1698</b>	<b>0.1123</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>7.5600e-003</b>	<b>7.5600e-003</b>	<b>0.0000</b>	<b>6.9500e-003</b>	<b>6.9500e-003</b>	<b>0.0000</b>	<b>26.9485</b>	<b>26.9485</b>	<b>8.7200e-003</b>	<b>0.0000</b>	<b>27.1316</b>

**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	0.0140	0.0255	0.2505	9.6000e-004	0.0740	6.1000e-004	0.0746	0.0197	5.6000e-004	0.0202	0.0000	61.4968	61.4968	2.7900e-003	0.0000	61.5555
<b>Total</b>	<b>0.0140</b>	<b>0.0255</b>	<b>0.2505</b>	<b>9.6000e-004</b>	<b>0.0740</b>	<b>6.1000e-004</b>	<b>0.0746</b>	<b>0.0197</b>	<b>5.6000e-004</b>	<b>0.0202</b>	<b>0.0000</b>	<b>61.4968</b>	<b>61.4968</b>	<b>2.7900e-003</b>	<b>0.0000</b>	<b>61.5555</b>

**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	5.3900e-003	0.1162	0.1775	3.1000e-004		1.8400e-003	1.8400e-003		1.8400e-003	1.8400e-003	0.0000	26.9485	26.9485	8.7200e-003	0.0000	27.1315
<b>Total</b>	<b>5.3900e-003</b>	<b>0.1162</b>	<b>0.1775</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>1.8400e-003</b>	<b>1.8400e-003</b>	<b>0.0000</b>	<b>1.8400e-003</b>	<b>1.8400e-003</b>	<b>0.0000</b>	<b>26.9485</b>	<b>26.9485</b>	<b>8.7200e-003</b>	<b>0.0000</b>	<b>27.1315</b>

**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	0.0140	0.0255	0.2505	9.6000e-004	0.0740	6.1000e-004	0.0746	0.0197	5.6000e-004	0.0202	0.0000	61.4968	61.4968	2.7900e-003	0.0000	61.5555
<b>Total</b>	<b>0.0140</b>	<b>0.0255</b>	<b>0.2505</b>	<b>9.6000e-004</b>	<b>0.0740</b>	<b>6.1000e-004</b>	<b>0.0746</b>	<b>0.0197</b>	<b>5.6000e-004</b>	<b>0.0202</b>	<b>0.0000</b>	<b>61.4968</b>	<b>61.4968</b>	<b>2.7900e-003</b>	<b>0.0000</b>	<b>61.5555</b>

### 3.18 AREA 4 - Foundations + Building - 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	0.3259	2.5815	2.7678	5.8000e-003		0.1212	0.1212		0.1172	0.1172	0.0000	490.5046	490.5046	0.0921	0.0000	492.4388
<b>Total</b>	<b>0.3259</b>	<b>2.5815</b>	<b>2.7678</b>	<b>5.8000e-003</b>		<b>0.1212</b>	<b>0.1212</b>		<b>0.1172</b>	<b>0.1172</b>	<b>0.0000</b>	<b>490.5046</b>	<b>490.5046</b>	<b>0.0921</b>	<b>0.0000</b>	<b>492.4388</b>

#### 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	0.1631	0.2967	2.9203	0.0112	0.8626	7.1000e-003	0.8697	0.2294	6.5800e-003	0.2360	0.0000	716.9460	716.9460	0.0326	0.0000	717.6299
<b>Total</b>	<b>0.1631</b>	<b>0.2967</b>	<b>2.9203</b>	<b>0.0112</b>	<b>0.8626</b>	<b>7.1000e-003</b>	<b>0.8697</b>	<b>0.2294</b>	<b>6.5800e-003</b>	<b>0.2360</b>	<b>0.0000</b>	<b>716.9460</b>	<b>716.9460</b>	<b>0.0326</b>	<b>0.0000</b>	<b>717.6299</b>

**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	0.0763	1.9724	3.2539	5.8000e-003		0.0239	0.0239		0.0239	0.0239	0.0000	490.5041	490.5041	0.0921	0.0000	492.4382
<b>Total</b>	<b>0.0763</b>	<b>1.9724</b>	<b>3.2539</b>	<b>5.8000e-003</b>		<b>0.0239</b>	<b>0.0239</b>		<b>0.0239</b>	<b>0.0239</b>	<b>0.0000</b>	<b>490.5041</b>	<b>490.5041</b>	<b>0.0921</b>	<b>0.0000</b>	<b>492.4382</b>

**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	0.1631	0.2967	2.9203	0.0112	0.8626	7.1000e-003	0.8697	0.2294	6.5800e-003	0.2360	0.0000	716.9460	716.9460	0.0326	0.0000	717.6299
<b>Total</b>	<b>0.1631</b>	<b>0.2967</b>	<b>2.9203</b>	<b>0.0112</b>	<b>0.8626</b>	<b>7.1000e-003</b>	<b>0.8697</b>	<b>0.2294</b>	<b>6.5800e-003</b>	<b>0.2360</b>	<b>0.0000</b>	<b>716.9460</b>	<b>716.9460</b>	<b>0.0326</b>	<b>0.0000</b>	<b>717.6299</b>



### 3.18 AREA 4 - Foundations + Building - 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	0.3044	2.2998	2.7607	5.8700e-003		0.1062	0.1062		0.1028	0.1028	0.0000	496.3104	496.3104	0.0924	0.0000	498.2510
<b>Total</b>	<b>0.3044</b>	<b>2.2998</b>	<b>2.7607</b>	<b>5.8700e-003</b>		<b>0.1062</b>	<b>0.1062</b>		<b>0.1028</b>	<b>0.1028</b>	<b>0.0000</b>	<b>496.3104</b>	<b>496.3104</b>	<b>0.0924</b>	<b>0.0000</b>	<b>498.2510</b>

#### 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	0.1564	0.2827	2.7882	0.0113	0.8726	7.2000e-003	0.8798	0.2321	6.6800e-003	0.2388	0.0000	713.3964	713.3964	0.0316	0.0000	714.0608
<b>Total</b>	<b>0.1564</b>	<b>0.2827</b>	<b>2.7882</b>	<b>0.0113</b>	<b>0.8726</b>	<b>7.2000e-003</b>	<b>0.8798</b>	<b>0.2321</b>	<b>6.6800e-003</b>	<b>0.2388</b>	<b>0.0000</b>	<b>713.3964</b>	<b>713.3964</b>	<b>0.0316</b>	<b>0.0000</b>	<b>714.0608</b>

#### 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	0.0772	1.9954	3.2919	5.8700e-003		0.0242	0.0242		0.0242	0.0242	0.0000	496.3098	496.3098	0.0924	0.0000	498.2504
<b>Total</b>	<b>0.0772</b>	<b>1.9954</b>	<b>3.2919</b>	<b>5.8700e-003</b>		<b>0.0242</b>	<b>0.0242</b>		<b>0.0242</b>	<b>0.0242</b>	<b>0.0000</b>	<b>496.3098</b>	<b>496.3098</b>	<b>0.0924</b>	<b>0.0000</b>	<b>498.2504</b>

**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	0.1564	0.2827	2.7882	0.0113	0.8726	7.2000e-003	0.8798	0.2321	6.6800e-003	0.2388	0.0000	713.3964	713.3964	0.0316	0.0000	714.0608
<b>Total</b>	<b>0.1564</b>	<b>0.2827</b>	<b>2.7882</b>	<b>0.0113</b>	<b>0.8726</b>	<b>7.2000e-003</b>	<b>0.8798</b>	<b>0.2321</b>	<b>6.6800e-003</b>	<b>0.2388</b>	<b>0.0000</b>	<b>713.3964</b>	<b>713.3964</b>	<b>0.0316</b>	<b>0.0000</b>	<b>714.0608</b>

**3.18 AREA 4 - Foundations + Building - 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	0.0688	0.5003	0.6610	1.4200e-003		0.0224	0.0224		0.0217	0.0217	0.0000	120.3379	120.3379	0.0221	0.0000	120.8028

<b>Total</b>	<b>0.0688</b>	<b>0.5003</b>	<b>0.6610</b>	<b>1.4200e-003</b>		<b>0.0224</b>	<b>0.0224</b>		<b>0.0217</b>	<b>0.0217</b>	<b>0.0000</b>	<b>120.3379</b>	<b>120.3379</b>	<b>0.0221</b>	<b>0.0000</b>	<b>120.8028</b>
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**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	0.0360	0.0648	0.6394	2.7400e-003	0.2115	1.7500e-003	0.2132	0.0562	1.6300e-003	0.0579	0.0000	170.2465	170.2465	7.3900e-003	0.0000	170.4017
<b>Total</b>	<b>0.0360</b>	<b>0.0648</b>	<b>0.6394</b>	<b>2.7400e-003</b>	<b>0.2115</b>	<b>1.7500e-003</b>	<b>0.2132</b>	<b>0.0562</b>	<b>1.6300e-003</b>	<b>0.0579</b>	<b>0.0000</b>	<b>170.2465</b>	<b>170.2465</b>	<b>7.3900e-003</b>	<b>0.0000</b>	<b>170.4017</b>

**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	0.0187	0.4835	0.7976	1.4200e-003		5.8600e-003	5.8600e-003		5.8600e-003	5.8600e-003	0.0000	120.3378	120.3378	0.0221	0.0000	120.8027
<b>Total</b>	<b>0.0187</b>	<b>0.4835</b>	<b>0.7976</b>	<b>1.4200e-003</b>		<b>5.8600e-003</b>	<b>5.8600e-003</b>		<b>5.8600e-003</b>	<b>5.8600e-003</b>	<b>0.0000</b>	<b>120.3378</b>	<b>120.3378</b>	<b>0.0221</b>	<b>0.0000</b>	<b>120.8027</b>

**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	0.0360	0.0648	0.6394	2.7400e-003	0.2115	1.7500e-003	0.2132	0.0562	1.6300e-003	0.0579	0.0000	170.2465	170.2465	7.3900e-003	0.0000	170.4017
<b>Total</b>	<b>0.0360</b>	<b>0.0648</b>	<b>0.6394</b>	<b>2.7400e-003</b>	<b>0.2115</b>	<b>1.7500e-003</b>	<b>0.2132</b>	<b>0.0562</b>	<b>1.6300e-003</b>	<b>0.0579</b>	<b>0.0000</b>	<b>170.2465</b>	<b>170.2465</b>	<b>7.3900e-003</b>	<b>0.0000</b>	<b>170.4017</b>

**3.19 AREA 4 - Architectural Coating (FOR FUGITIVE 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	1.8077					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.8077</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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					



**3.19 AREA 4 - Architectural Coating (FOR FUGITIVE  
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	1.8288					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.8288</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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
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
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>					<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated Construction On-Site**



<b>Total</b>	<b>0.4431</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>
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**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
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
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>					<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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	0.4431					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.4431</b>					<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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
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
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>					<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### 3.20 AREA 3 - Paving + Landscape - 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	7.5700e-003	0.0631	0.0686	1.0000e-004		3.3200e-003	3.3200e-003		3.0600e-003	3.0600e-003	0.0000	9.0672	9.0672	2.9300e-003	0.0000	9.1287
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>7.5700e-003</b>	<b>0.0631</b>	<b>0.0686</b>	<b>1.0000e-004</b>		<b>3.3200e-003</b>	<b>3.3200e-003</b>		<b>3.0600e-003</b>	<b>3.0600e-003</b>	<b>0.0000</b>	<b>9.0672</b>	<b>9.0672</b>	<b>2.9300e-003</b>	<b>0.0000</b>	<b>9.1287</b>

#### 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	6.9100e-003	0.0126	0.1237	4.7000e-004	0.0366	3.0000e-004	0.0369	9.7200e-003	2.8000e-004	0.0100	0.0000	30.3764	30.3764	1.3800e-003	0.0000	30.4054
<b>Total</b>	<b>6.9100e-003</b>	<b>0.0126</b>	<b>0.1237</b>	<b>4.7000e-004</b>	<b>0.0366</b>	<b>3.0000e-004</b>	<b>0.0369</b>	<b>9.7200e-003</b>	<b>2.8000e-004</b>	<b>0.0100</b>	<b>0.0000</b>	<b>30.3764</b>	<b>30.3764</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>30.4054</b>

**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	1.8400e-003	0.0419	0.0606	1.0000e-004		7.3000e-004	7.3000e-004		7.3000e-004	7.3000e-004	0.0000	9.0672	9.0672	2.9300e-003	0.0000	9.1287
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.8400e-003</b>	<b>0.0419</b>	<b>0.0606</b>	<b>1.0000e-004</b>		<b>7.3000e-004</b>	<b>7.3000e-004</b>		<b>7.3000e-004</b>	<b>7.3000e-004</b>	<b>0.0000</b>	<b>9.0672</b>	<b>9.0672</b>	<b>2.9300e-003</b>	<b>0.0000</b>	<b>9.1287</b>

**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	6.9100e-003	0.0126	0.1237	4.7000e-004	0.0366	3.0000e-004	0.0369	9.7200e-003	2.8000e-004	0.0100	0.0000	30.3764	30.3764	1.3800e-003	0.0000	30.4054
<b>Total</b>	<b>6.9100e-003</b>	<b>0.0126</b>	<b>0.1237</b>	<b>4.7000e-004</b>	<b>0.0366</b>	<b>3.0000e-004</b>	<b>0.0369</b>	<b>9.7200e-003</b>	<b>2.8000e-004</b>	<b>0.0100</b>	<b>0.0000</b>	<b>30.3764</b>	<b>30.3764</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>30.4054</b>

### 3.20 AREA 3 - Paving + Landscape - 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	4.2800e-003	0.0357	0.0447	7.0000e-005		1.7800e-003	1.7800e-003		1.6400e-003	1.6400e-003	0.0000	6.0157	6.0157	1.9500e-003	0.0000	6.0566
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>4.2800e-003</b>	<b>0.0357</b>	<b>0.0447</b>	<b>7.0000e-005</b>		<b>1.7800e-003</b>	<b>1.7800e-003</b>		<b>1.6400e-003</b>	<b>1.6400e-003</b>	<b>0.0000</b>	<b>6.0157</b>	<b>6.0157</b>	<b>1.9500e-003</b>	<b>0.0000</b>	<b>6.0566</b>

#### 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	4.3400e-003	7.8500e-003	0.0775	3.1000e-004	0.0242	2.0000e-004	0.0244	6.4500e-003	1.9000e-004	6.6300e-003	0.0000	19.8166	19.8166	8.8000e-004	0.0000	19.8350
<b>Total</b>	<b>4.3400e-003</b>	<b>7.8500e-003</b>	<b>0.0775</b>	<b>3.1000e-004</b>	<b>0.0242</b>	<b>2.0000e-004</b>	<b>0.0244</b>	<b>6.4500e-003</b>	<b>1.9000e-004</b>	<b>6.6300e-003</b>	<b>0.0000</b>	<b>19.8166</b>	<b>19.8166</b>	<b>8.8000e-004</b>	<b>0.0000</b>	<b>19.8350</b>

#### 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	1.2200e-003	0.0278	0.0402	7.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	6.0157	6.0157	1.9500e-003	0.0000	6.0566
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.2200e-003</b>	<b>0.0278</b>	<b>0.0402</b>	<b>7.0000e-005</b>		<b>4.8000e-004</b>	<b>4.8000e-004</b>		<b>4.8000e-004</b>	<b>4.8000e-004</b>	<b>0.0000</b>	<b>6.0157</b>	<b>6.0157</b>	<b>1.9500e-003</b>	<b>0.0000</b>	<b>6.0566</b>

**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	4.3400e-003	7.8500e-003	0.0775	3.1000e-004	0.0242	2.0000e-004	0.0244	6.4500e-003	1.9000e-004	6.6300e-003	0.0000	19.8166	19.8166	8.8000e-004	0.0000	19.8350
<b>Total</b>	<b>4.3400e-003</b>	<b>7.8500e-003</b>	<b>0.0775</b>	<b>3.1000e-004</b>	<b>0.0242</b>	<b>2.0000e-004</b>	<b>0.0244</b>	<b>6.4500e-003</b>	<b>1.9000e-004</b>	<b>6.6300e-003</b>	<b>0.0000</b>	<b>19.8166</b>	<b>19.8166</b>	<b>8.8000e-004</b>	<b>0.0000</b>	<b>19.8350</b>

**3.21 AREA 4 - Paving + Landscape - 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	1.1200e-003	9.3200e-003	0.0117	2.0000e-005		4.7000e-004	4.7000e-004		4.3000e-004	4.3000e-004	0.0000	1.5734	1.5734	5.1000e-004	0.0000	1.5840

Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
<b>Total</b>	<b>1.1200e-003</b>	<b>9.3200e-003</b>	<b>0.0117</b>	<b>2.0000e-005</b>		<b>4.7000e-004</b>	<b>4.7000e-004</b>		<b>4.3000e-004</b>	<b>4.3000e-004</b>	<b>0.0000</b>	<b>1.5734</b>	<b>1.5734</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>1.5840</b>

**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	2.2700e-003	4.1100e-003	0.0405	1.6000e-004	0.0127	1.0000e-004	0.0128	3.3700e-003	1.0000e-004	3.4700e-003	0.0000	10.3656	10.3656	4.6000e-004	0.0000	10.3752
<b>Total</b>	<b>2.2700e-003</b>	<b>4.1100e-003</b>	<b>0.0405</b>	<b>1.6000e-004</b>	<b>0.0127</b>	<b>1.0000e-004</b>	<b>0.0128</b>	<b>3.3700e-003</b>	<b>1.0000e-004</b>	<b>3.4700e-003</b>	<b>0.0000</b>	<b>10.3656</b>	<b>10.3656</b>	<b>4.6000e-004</b>	<b>0.0000</b>	<b>10.3752</b>

**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	3.2000e-004	7.2700e-003	0.0105	2.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	1.5733	1.5733	5.1000e-004	0.0000	1.5840
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.2000e-004</b>	<b>7.2700e-003</b>	<b>0.0105</b>	<b>2.0000e-005</b>		<b>1.3000e-004</b>	<b>1.3000e-004</b>		<b>1.3000e-004</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.5733</b>	<b>1.5733</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>1.5840</b>

**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	2.2700e-003	4.1100e-003	0.0405	1.6000e-004	0.0127	1.0000e-004	0.0128	3.3700e-003	1.0000e-004	3.4700e-003	0.0000	10.3656	10.3656	4.6000e-004	0.0000	10.3752
<b>Total</b>	<b>2.2700e-003</b>	<b>4.1100e-003</b>	<b>0.0405</b>	<b>1.6000e-004</b>	<b>0.0127</b>	<b>1.0000e-004</b>	<b>0.0128</b>	<b>3.3700e-003</b>	<b>1.0000e-004</b>	<b>3.4700e-003</b>	<b>0.0000</b>	<b>10.3656</b>	<b>10.3656</b>	<b>4.6000e-004</b>	<b>0.0000</b>	<b>10.3752</b>

### 3.21 AREA 4 - Paving + Landscape - 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	4.1300e-003	0.0344	0.0465	7.0000e-005		1.6500e-003	1.6500e-003		1.5200e-003	1.5200e-003	0.0000	6.2934	6.2934	2.0400e-003	0.0000	6.3361
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>4.1300e-003</b>	<b>0.0344</b>	<b>0.0465</b>	<b>7.0000e-005</b>		<b>1.6500e-003</b>	<b>1.6500e-003</b>		<b>1.5200e-003</b>	<b>1.5200e-003</b>	<b>0.0000</b>	<b>6.2934</b>	<b>6.2934</b>	<b>2.0400e-003</b>	<b>0.0000</b>	<b>6.3361</b>

#### 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	8.6200e-003	0.0155	0.1534	6.6000e-004	0.0507	4.2000e-004	0.0511	0.0135	3.9000e-004	0.0139	0.0000	40.8352	40.8352	1.7700e-003	0.0000	40.8724
<b>Total</b>	<b>8.6200e-003</b>	<b>0.0155</b>	<b>0.1534</b>	<b>6.6000e-004</b>	<b>0.0507</b>	<b>4.2000e-004</b>	<b>0.0511</b>	<b>0.0135</b>	<b>3.9000e-004</b>	<b>0.0139</b>	<b>0.0000</b>	<b>40.8352</b>	<b>40.8352</b>	<b>1.7700e-003</b>	<b>0.0000</b>	<b>40.8724</b>

**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	1.2700e-003	0.0291	0.0421	7.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004	0.0000	6.2934	6.2934	2.0400e-003	0.0000	6.3361
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.2700e-003</b>	<b>0.0291</b>	<b>0.0421</b>	<b>7.0000e-005</b>		<b>5.1000e-004</b>	<b>5.1000e-004</b>		<b>5.1000e-004</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>6.2934</b>	<b>6.2934</b>	<b>2.0400e-003</b>	<b>0.0000</b>	<b>6.3361</b>

**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	8.6200e-003	0.0155	0.1534	6.6000e-004	0.0507	4.2000e-004	0.0511	0.0135	3.9000e-004	0.0139	0.0000	40.8352	40.8352	1.7700e-003	0.0000	40.8724
<b>Total</b>	<b>8.6200e-003</b>	<b>0.0155</b>	<b>0.1534</b>	<b>6.6000e-004</b>	<b>0.0507</b>	<b>4.2000e-004</b>	<b>0.0511</b>	<b>0.0135</b>	<b>3.9000e-004</b>	<b>0.0139</b>	<b>0.0000</b>	<b>40.8352</b>	<b>40.8352</b>	<b>1.7700e-003</b>	<b>0.0000</b>	<b>40.8724</b>

## 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	8.9868	15.7712	73.3770	0.1950	13.3836	0.2551	13.6387	3.6286	0.2355	3.8641	0.0000	13,400.2289	13,400.2289	0.5191	0.0000	13,411.1301
Unmitigated	8.9868	15.7712	73.3770	0.1950	13.3836	0.2551	13.6387	3.6286	0.2355	3.8641	0.0000	13,400.2289	13,400.2289	0.5191	0.0000	13,411.1301

### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	3,683.81	4,002.44	3393.13	8,232,526	8,232,526
City Park	8.14	8.14	8.14	17,379	17,379
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	7,324.68	7,120.08	5115.00	11,255,376	11,255,376
General Office Building	2,272.35	489.14	202.26	4,114,873	4,114,873
High Turnover (Sit Down Restaurant)	3,033.80	3,778.71	3145.70	3,662,028	3,662,028
High Turnover (Sit Down Restaurant)	1,398.65	1,742.07	1450.24	1,688,278	1,688,278
Manufacturing	727.71	283.85	118.11	1,685,186	1,685,186
Strip Mall	2,891.88	2,743.11	1333.06	4,077,912	4,077,912
Strip Mall	487.52	462.44	224.73	687,464	687,464
Total	21,828.54	20,629.98	14,990.37	35,421,022	35,421,022

### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3



City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Fast Food Restaurant w/o Drive	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down)	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
High Turnover (Sit Down)	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
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

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.631289	0.058518	0.148045	0.077273	0.026007	0.003276	0.026188	0.004043	0.003129	0.010899	0.010305	0.000529	0.000500

## 5.0 Energy Detail

### 4.4 Fleet Mix

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	2,533.8004	2,533.8004	0.1146	0.0237	2,543.5547
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,533.8004	2,533.8004	0.1146	0.0237	2,543.5547
NaturalGas Mitigated	0.1190	1.0669	0.8016	6.4900e-003		0.0822	0.0822		0.0822	0.0822	0.0000	1,177.2448	1,177.2448	0.0226	0.0216	1,184.4093
NaturalGas Unmitigated	0.1190	1.0669	0.8016	6.4900e-003		0.0822	0.0822		0.0822	0.0822	0.0000	1,177.2448	1,177.2448	0.0226	0.0216	1,184.4093



Fast Food Restaurant w/o Drive-Thru	1.73869e+006	9.3800e-003	0.0852	0.0716	5.1000e-004	6.4800e-003	6.4800e-003	6.4800e-003	6.4800e-003	0.0000	92.7832	92.7832	1.7800e-003	1.7000e-003	93.3479
General Office Building	4.18757e+006	0.0226	0.2053	0.1724	1.2300e-003	0.0156	0.0156	0.0156	0.0156	0.0000	223.4648	223.4648	4.2800e-003	4.1000e-003	224.8248
High Turnover (Sit Down Restaurant)	1.87011e+006	0.0101	0.0917	0.0770	5.5000e-004	6.9700e-003	6.9700e-003	6.9700e-003	6.9700e-003	0.0000	99.7962	99.7962	1.9100e-003	1.8300e-003	100.4035
High Turnover (Sit Down Restaurant)	4.05712e+006	0.0219	0.1989	0.1671	1.1900e-003	0.0151	0.0151	0.0151	0.0151	0.0000	216.5033	216.5033	4.1500e-003	3.9700e-003	217.8209
Manufacturing	4.89204e+006	0.0264	0.2398	0.2014	1.4400e-003	0.0182	0.0182	0.0182	0.0182	0.0000	261.0579	261.0579	5.0000e-003	4.7900e-003	262.6466
Strip Mall	313200	1.6900e-003	0.0154	0.0129	9.0000e-005	1.1700e-003	1.1700e-003	1.1700e-003	1.1700e-003	0.0000	16.7135	16.7135	3.2000e-004	3.1000e-004	16.8153
Strip Mall	52800	2.8000e-004	2.5900e-003	2.1700e-003	2.0000e-005	2.0000e-004	2.0000e-004	2.0000e-004	2.0000e-004	0.0000	2.8176	2.8176	5.0000e-005	5.0000e-005	2.8348
Apartments High Rise	4.9492e+006	0.0267	0.2281	0.0970	1.4600e-003	0.0184	0.0184	0.0184	0.0184	0.0000	264.1082	264.1082	5.0600e-003	4.8400e-003	265.7156
City Park	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
<b>Total</b>		<b>0.1190</b>	<b>1.0669</b>	<b>0.8016</b>	<b>6.4900e-003</b>	<b>0.0822</b>	<b>0.0822</b>	<b>0.0822</b>	<b>0.0822</b>	<b>0.0000</b>	<b>1,177.2448</b>	<b>1,177.2448</b>	<b>0.0226</b>	<b>0.0216</b>	<b>1,184.4093</b>

### 5.3 Energy by Land Use - Electricity

#### Unmitigated

Land Use	Electricity Use kWh/yr	Total CO2	CH4	N2O	CO2e
		MT/yr			
Apartments High Rise	2.02098e+006	587.9264	0.0266	5.5000e-003	590.1898
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive-Thru	309264	89.9686	4.0700e-003	8.4000e-004	90.3149
General Office Building	2.86464e+006	833.3560	0.0377	7.8000e-003	836.5641
High Turnover (Sit Down Restaurant)	332640	96.7688	4.3800e-003	9.1000e-004	97.1413
High Turnover (Sit Down Restaurant)	721647	209.9355	9.4900e-003	1.9600e-003	210.7437

Manufacturing	1.57544e+006	458.3121	0.0207	4.2900e-003	460.0765
Strip Mall	127710	37.1523	1.6800e-003	3.5000e-004	37.2953
Strip Mall	757553	220.3807	9.9600e-003	2.0600e-003	221.2291
<b>Total</b>		<b>2,533.8004</b>	<b>0.1146</b>	<b>0.0237</b>	<b>2,543.5547</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.02098e+006	587.9264	0.0266	5.5000e-003	590.1898
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	309264	89.9686	4.0700e-003	8.4000e-004	90.3149
General Office Building	2.86464e+006	833.3560	0.0377	7.8000e-003	836.5641
High Turnover (Sit Down Restaurant)	332640	96.7688	4.3800e-003	9.1000e-004	97.1413
High Turnover (Sit Down Restaurant)	721647	209.9355	9.4900e-003	1.9600e-003	210.7437
Manufacturing	1.57544e+006	458.3121	0.0207	4.2900e-003	460.0765
Strip Mall	127710	37.1523	1.6800e-003	3.5000e-004	37.2953
Strip Mall	757553	220.3807	9.9600e-003	2.0600e-003	221.2291
<b>Total</b>		<b>2,533.8004</b>	<b>0.1146</b>	<b>0.0237</b>	<b>2,543.5547</b>

**6.0 Area Detail**

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## 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	5.7688	0.0556	4.7899	7.5000e-004		0.1132	0.1132		0.1132	0.1132	9.1558	21.5702	30.7259	0.0237	7.6000e-004	31.4592
Unmitigated	5.7688	0.0556	4.7899	7.5000e-004		0.1132	0.1132		0.1132	0.1132	9.1558	21.5702	30.7259	0.0237	7.6000e-004	31.4592

## 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	0.1288					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.0792					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.4335	7.3700e-003	0.6206	5.3000e-004		0.0903	0.0903		0.0903	0.0903	9.1558	14.7808	23.9366	0.0170	7.6000e-004	24.5305
Landscaping	0.1273	0.0482	4.1693	2.2000e-004		0.0229	0.0229		0.0229	0.0229	0.0000	6.7894	6.7894	6.6400e-003	0.0000	6.9287
<b>Total</b>	<b>5.7689</b>	<b>0.0556</b>	<b>4.7899</b>	<b>7.5000e-004</b>		<b>0.1132</b>	<b>0.1132</b>		<b>0.1132</b>	<b>0.1132</b>	<b>9.1558</b>	<b>21.5702</b>	<b>30.7259</b>	<b>0.0237</b>	<b>7.6000e-004</b>	<b>31.4592</b>

### 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	0.1288					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.0792					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.4335	7.3700e-003	0.6206	5.3000e-004		0.0903	0.0903		0.0903	0.0903	9.1558	14.7808	23.9366	0.0170	7.6000e-004	24.5305
Landscaping	0.1273	0.0482	4.1693	2.2000e-004		0.0229	0.0229		0.0229	0.0229	0.0000	6.7894	6.7894	6.6400e-003	0.0000	6.9287
<b>Total</b>	<b>5.7689</b>	<b>0.0556</b>	<b>4.7899</b>	<b>7.5000e-004</b>		<b>0.1132</b>	<b>0.1132</b>		<b>0.1132</b>	<b>0.1132</b>	<b>9.1558</b>	<b>21.5702</b>	<b>30.7259</b>	<b>0.0237</b>	<b>7.6000e-004</b>	<b>31.4592</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	315.0520	4.4590	0.1074	441.9830
Unmitigated	315.0520	4.4599	0.1076	442.0521

### 7.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Apartments High Rise	36.4211 / 22.9611	92.2648	1.1904	0.0288	126.1849
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Fast Food Restaurant w/o	3.10515 / 0.198201	6.0748	0.1014	2.4400e-003	8.9598
General Office Building	36.6825 / 22.4828	92.2721	1.1989	0.0290	126.4331
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3456	8.3000e-003	30.5318
Manufacturing	44.0531 / 0	83.3210	1.4386	0.0345	124.2402
Strip Mall	5.64803 / 3.4617	14.2072	0.1846	4.4600e-003	19.4670
<b>Total</b>		<b>315.0520</b>	<b>4.4598</b>	<b>0.1076</b>	<b>442.0521</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	36.4211 / 22.9611	92.2648	1.1902	0.0287	126.1665
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Fast Food Restaurant w/o	3.10515 / 0.198201	6.0748	0.1014	2.4300e-003	8.9583
General Office Building	36.6825 / 22.4828	92.2721	1.1987	0.0289	126.4145
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3455	8.2900e-003	30.5264
Manufacturing	44.0531 / 0	83.3210	1.4384	0.0345	124.2179
Strip Mall	5.64803 / 3.4617	14.2072	0.1846	4.4500e-003	19.4642
<b>Total</b>		<b>315.0520</b>	<b>4.4591</b>	<b>0.1074</b>	<b>441.9830</b>

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	263.5777	15.5770	0.0000	590.6946
Unmitigated	263.5777	15.5770	0.0000	590.6946

### 8.2 Waste by Land Use

#### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Fast Food Restaurant w/o	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	191.94	38.9621	2.3026	0.0000	87.3165
High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206



Total		263.5777	15.5770	0.0000	590.6946
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### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Fast Food Restaurant w/o	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	191.94	38.9621	2.3026	0.0000	87.3165
High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206
<b>Total</b>		<b>263.5777</b>	<b>15.5770</b>	<b>0.0000</b>	<b>590.6946</b>

### 9.0 Operational Offroad

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



## 2. Operation

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a. Area 1 | **Assumption A**

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## Mission Rock - Operational Area 1 San Francisco County, Annual

### 1.0 Project Characteristics

#### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	279.70	1000sqft	6.42	279,698.00	0
Manufacturing	190.50	1000sqft	4.37	190,500.00	0
Enclosed Parking with Elevator	0.00		0.00		0
Enclosed Parking with Elevator	0.00		0.00		0
City Park	5.12	Acre	5.12	191,120.00	0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	0.00	0
Fast Food Restaurant w/o Drive Thru	10.23	1000sqft	2.16	10,227.00	0
High Turnover (Sit Down Restaurant)	23.86	1000sqft	2.16	23,864.00	0
High Turnover (Sit Down Restaurant)	11.00	1000sqft	0.25	11,000.00	0
Apartments High Rise	501.00	Dwelling Unit	8.08	500,966.00	1433
Strip Mall	32.68	1000sqft	0.75	32,678.00	0
Strip Mall	11.00	1000sqft	0.25	11,000.00	0

#### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2020
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

#### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - May need to change operational date from 2020; plus there are multiple phases of operation coming online at different times

Land Use - Need to input project-specific acreages!

Construction Phase - Schedule specified by the applicant. Start date currently set for 4/3/17. All phases trickle down from this date, based on phase

Off-road Equipment - No equipment. Phase is just for fugitive emissions.

Off-road Equipment - Provided by applicant. Dump truck and water truck calculated outside of CalEEMod. Jet Grout Rig = Bore/Drill Rig.

Trips and VMT - All trips (and trip lengths) are one-way (times 2 for round trips). # of workers was doubled to calculate one-way worker trips. Hauling trips from applicant are already one-way trips. These are total trips including vendor and material hauling.

On-road Fugitive Dust - No changes

Demolition - No extra demo trips

Grading - From applicant. The applicant showed material movement in the foundations phase; since CalEEMod doesn't allow entry for bldg construction phase, this material was included in the demo phase.

Architectural Coating - For Study Scenario A, based on CalEEMod defaults and land use data (since no land use data was entered into this model run).

Vehicle Trips - Trip rate and trip percentage values from TIA (June 2016). Trip lengths for High Com (Scen A) from F&P. Weighted trip lengths for restaurant and retail to account for Dixie 40. See Mission Road Trip Count table.

Vehicle Emission Factors - Trucks modeled outside of CalEEMod. Only includes light duty vehicles scaled up from default values.

Vehicle Emission Factors -

Vehicle Emission Factors -

Road Dust - For paved roads, composite silt loading calculated from Miscellaneous Process Methodology 7.9 - Entrained Road Travel, Paved Road Dust tables 8 (road fractions) and 9 (silt loading factors).

Woodstoves - From 151201\_Mission Rock AQ Modeling Assumptions Rev3\_P+Ws\_clean.docx. No woodstoves. 20% gas fireplaces

Consumer Products - Removed consumer product emissions to model outside CalEEMod (to remove sqft from non-consumer land uses).

Area Coating - From Off-Model sheet, ArchCoatings tab

Energy Use - Assumed each dwelling unit for Apartments High Rise was 1,000 sq ft; weighted average calculated for High Turnover restaurant

Construction Off-road Equipment Mitigation - Based on BAAQMD MMs

Mobile Commute Mitigation -

Area Mitigation - Per Brian Schuster's direction

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	375044	279484
tblAreaCoating	Area_Nonresidential_Interior	1125131	838451
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10



tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	45.00	60.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.63	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	4.07	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	3.43	0.00
tblEnergyUse	LightingElect	5.51	0.00
tblEnergyUse	NT24E	2,561.86	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24NG	1,662.00	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	6.90	0.00
tblEnergyUse	NT24NG	0.70	0.00
tblEnergyUse	T24E	312.05	9,197.00
tblEnergyUse	T24E	3.26	48.25
tblEnergyUse	T24E	5.01	7.43
tblEnergyUse	T24E	3.26	35.96
tblEnergyUse	T24E	2.74	9.91
tblEnergyUse	T24NG	7,191.67	480.00

tblEnergyUse	T24NG	41.99	278.66
tblEnergyUse	T24NG	19.28	1.22
tblEnergyUse	T24NG	41.99	154.58
tblEnergyUse	T24NG	4.10	7.11
tblFireplaces	NumberGas	275.55	100.20
tblFireplaces	NumberNoFireplace	155.31	400.80
tblFireplaces	NumberWood	70.14	0.00
tblLandUse	LandUseSquareFeet	279,700.00	279,698.00
tblLandUse	LandUseSquareFeet	223,027.20	191,120.00
tblLandUse	LandUseSquareFeet	10,230.00	10,227.00
tblLandUse	LandUseSquareFeet	23,860.00	23,864.00
tblLandUse	LandUseSquareFeet	501,000.00	500,966.00
tblLandUse	LandUseSquareFeet	32,680.00	32,678.00
tblLandUse	LotAcreage	0.23	2.16
tblLandUse	LotAcreage	0.55	2.16
tblOffRoadEquipment	HorsePower	205.00	200.00
tblProjectCharacteristics	OperationalYear	2014	2020
tblRoadDust	RoadSiltLoading	0.1	0.042976
tblSolidWaste	SolidWasteGenerationRate	230.46	257.14
tblSolidWaste	SolidWasteGenerationRate	260.12	191.94
tblSolidWaste	SolidWasteGenerationRate	45.86	80.06
tblTripsAndVMT	HaulingTripLength	20.00	16.00
tblTripsAndVMT	HaulingTripNumber	0.00	5,200.00
tblTripsAndVMT	VendorTripLength	7.30	16.00
tblTripsAndVMT	WorkerTripLength	12.40	20.40
tblTripsAndVMT	WorkerTripNumber	5.00	80.00
tblVehicleEF	HHD	4.0430e-003	0.00
tblVehicleEF	LDA	0.63	0.69
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT2	0.15	0.16

tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD2	3.2760e-003	0.00
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MH	5.0000e-004	0.00
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	OBUS	3.1290e-003	0.00
tblVehicleEF	SBUS	5.2900e-004	0.00
tblVehicleEF	UBUS	0.01	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.96
tblVehicleTrips	CC_TL	7.30	13.40
tblVehicleTrips	CC_TL	7.30	1.14
tblVehicleTrips	CC_TL	7.30	2.55
tblVehicleTrips	CC_TL	7.30	1.09
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.96
tblVehicleTrips	CNW_TL	7.30	13.40
tblVehicleTrips	CNW_TL	7.30	1.14
tblVehicleTrips	CNW_TL	7.30	2.55
tblVehicleTrips	CNW_TL	7.30	1.09
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.96
tblVehicleTrips	CW_TL	9.50	13.40
tblVehicleTrips	CW_TL	9.50	1.14
tblVehicleTrips	CW_TL	9.50	2.55
tblVehicleTrips	CW_TL	9.50	1.09
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00

tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	5.40	4.72
tblVehicleTrips	HS_TL	4.30	4.72
tblVehicleTrips	HW_TL	12.40	4.72
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	51.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	1.71
tblVehicleTrips	ST_TR	1.59	2.93
tblVehicleTrips	ST_TR	696.00	80.59
tblVehicleTrips	ST_TR	2.37	3.05
tblVehicleTrips	ST_TR	158.37	28.90
tblVehicleTrips	ST_TR	1.49	0.47
tblVehicleTrips	ST_TR	42.04	20.16
tblVehicleTrips	SU_TR	6.07	1.71
tblVehicleTrips	SU_TR	1.59	2.93

tblVehicleTrips	SU_TR	500.00	80.59
tblVehicleTrips	SU_TR	0.98	3.05
tblVehicleTrips	SU_TR	131.84	28.90
tblVehicleTrips	SU_TR	0.62	0.47
tblVehicleTrips	SU_TR	20.43	20.16
tblVehicleTrips	WD_TR	6.59	1.71
tblVehicleTrips	WD_TR	1.59	2.93
tblVehicleTrips	WD_TR	716.00	80.59
tblVehicleTrips	WD_TR	11.01	3.05
tblVehicleTrips	WD_TR	127.15	28.90
tblVehicleTrips	WD_TR	3.82	0.47
tblVehicleTrips	WD_TR	44.32	20.16
tblWater	IndoorWaterUseRate	32,642,166.84	36,421,100.32
tblWater	IndoorWaterUseRate	49,712,129.31	36,682,468.25
tblWater	IndoorWaterUseRate	3,235,487.74	5,648,029.76
tblWater	OutdoorWaterUseRate	20,578,757.35	22,961,128.46
tblWater	OutdoorWaterUseRate	30,468,724.42	22,482,803.12
tblWater	OutdoorWaterUseRate	1,983,040.87	3,461,695.66
tblWoodstoves	NumberCatalytic	2.50	0.00
tblWoodstoves	NumberNoncatalytic	2.50	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					

2017	0.0906	0.8462	1.2272	2.4600e-003	0.0704	0.0145	0.0849	0.0190	0.0133	0.0323	0.0000	213.6336	213.6336	0.0172	0.0000	213.9947
<b>Total</b>	<b>0.0906</b>	<b>0.8462</b>	<b>1.2272</b>	<b>2.4600e-003</b>	<b>0.0704</b>	<b>0.0145</b>	<b>0.0849</b>	<b>0.0190</b>	<b>0.0133</b>	<b>0.0323</b>	<b>0.0000</b>	<b>213.6336</b>	<b>213.6336</b>	<b>0.0172</b>	<b>0.0000</b>	<b>213.9947</b>

### 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					
2017	0.0850	1.0185	1.3857	2.4600e-003	0.0704	8.2100e-003	0.0786	0.0190	7.6600e-003	0.0267	0.0000	213.6336	213.6336	0.0172	0.0000	213.9946
<b>Total</b>	<b>0.0850</b>	<b>1.0185</b>	<b>1.3857</b>	<b>2.4600e-003</b>	<b>0.0704</b>	<b>8.2100e-003</b>	<b>0.0786</b>	<b>0.0190</b>	<b>7.6600e-003</b>	<b>0.0267</b>	<b>0.0000</b>	<b>213.6336</b>	<b>213.6336</b>	<b>0.0172</b>	<b>0.0000</b>	<b>213.9946</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>6.25</b>	<b>-20.37</b>	<b>-12.92</b>	<b>0.00</b>	<b>0.00</b>	<b>43.30</b>	<b>7.40</b>	<b>0.00</b>	<b>42.49</b>	<b>17.51</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

## 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	0.7588	0.0432	3.7376	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	10.9038	10.9038	6.0400e-003	9.0000e-005	11.0581
Energy	0.0685	0.6223	0.5181	3.7400e-003		0.0474	0.0474		0.0474	0.0474	0.0000	3,339.4010	3,339.4010	0.1333	0.0373	3,353.7732

Mobile	1.4240	1.0433	11.0842	0.0331	1.3264	0.0236	1.3500	0.3761	0.0219	0.3980	0.0000	2,159.7652	2,159.7652	0.1031	0.0000	2,161.9306
Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4599	0.1076	442.0521
<b>Total</b>	<b>2.2513</b>	<b>1.7088</b>	<b>15.3399</b>	<b>0.0371</b>	<b>1.3264</b>	<b>0.0919</b>	<b>1.4182</b>	<b>0.3761</b>	<b>0.0901</b>	<b>0.4662</b>	<b>306.8800</b>	<b>5,781.8196</b>	<b>6,088.6996</b>	<b>20.2793</b>	<b>0.1450</b>	<b>6,559.5086</b>

**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	0.1719	0.0432	3.7376	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	10.9038	10.9038	6.0400e-003	9.0000e-005	11.0581
Energy	0.0685	0.6223	0.5181	3.7400e-003		0.0474	0.0474		0.0474	0.0474	0.0000	3,339.4010	3,339.4010	0.1333	0.0373	3,353.7732
Mobile	1.4240	1.0433	11.0842	0.0331	1.3264	0.0236	1.3500	0.3761	0.0219	0.3980	0.0000	2,159.7652	2,159.7652	0.1031	0.0000	2,161.9306
Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4590	0.1074	441.9830
<b>Total</b>	<b>1.6644</b>	<b>1.7088</b>	<b>15.3399</b>	<b>0.0371</b>	<b>1.3264</b>	<b>0.0919</b>	<b>1.4182</b>	<b>0.3761</b>	<b>0.0901</b>	<b>0.4662</b>	<b>306.8800</b>	<b>5,781.8196</b>	<b>6,088.6996</b>	<b>20.2785</b>	<b>0.1448</b>	<b>6,559.4395</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>26.07</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.12</b>	<b>0.00</b>

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
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1	AREA 1 - Demo + Rough Grade	Grading	4/3/2017	6/23/2017	5	60
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Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
AREA 1 - Demo + Rough Grade	Bore/Drill Rigs	2	8.00	200	0.50

**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
AREA 1 - Demo + Rough Grade	2	80.00	0.00	5,200.00	20.40	16.00	16.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

**3.2 AREA 1 - Demo + Rough Grade - 2017**

**Unmitigated Construction On-Site**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	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	0.0184	0.2668	0.1166	5.1000e-004		7.6700e-003	7.6700e-003		7.0600e-003	7.0600e-003	0.0000	47.4373	47.4373	0.0145	0.0000	47.7425
<b>Total</b>	<b>0.0184</b>	<b>0.2668</b>	<b>0.1166</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>7.6700e-003</b>	<b>7.6700e-003</b>	<b>0.0000</b>	<b>7.0600e-003</b>	<b>7.0600e-003</b>	<b>0.0000</b>	<b>47.4373</b>	<b>47.4373</b>	<b>0.0145</b>	<b>0.0000</b>	<b>47.7425</b>

**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	0.0629	0.5624	0.9444	1.4800e-003	0.0346	6.5100e-003	0.0411	9.4800e-003	5.9800e-003	0.0155	0.0000	132.1855	132.1855	9.6000e-004	0.0000	132.2056
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	9.3600e-003	0.0169	0.1661	4.6000e-004	0.0358	3.1000e-004	0.0361	9.5200e-003	2.8000e-004	9.8000e-003	0.0000	34.0109	34.0109	1.7000e-003	0.0000	34.0467
<b>Total</b>	<b>0.0723</b>	<b>0.5793</b>	<b>1.1106</b>	<b>1.9400e-003</b>	<b>0.0704</b>	<b>6.8200e-003</b>	<b>0.0772</b>	<b>0.0190</b>	<b>6.2600e-003</b>	<b>0.0253</b>	<b>0.0000</b>	<b>166.1963</b>	<b>166.1963</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>166.2522</b>

**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	0.0127	0.4392	0.2751	5.1000e-004		1.4000e-003	1.4000e-003		1.4000e-003	1.4000e-003	0.0000	47.4372	47.4372	0.0145	0.0000	47.7424
<b>Total</b>	<b>0.0127</b>	<b>0.4392</b>	<b>0.2751</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>1.4000e-003</b>	<b>1.4000e-003</b>	<b>0.0000</b>	<b>1.4000e-003</b>	<b>1.4000e-003</b>	<b>0.0000</b>	<b>47.4372</b>	<b>47.4372</b>	<b>0.0145</b>	<b>0.0000</b>	<b>47.7424</b>

### 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	0.0629	0.5624	0.9444	1.4800e-003	0.0346	6.5100e-003	0.0411	9.4800e-003	5.9800e-003	0.0155	0.0000	132.1855	132.1855	9.6000e-004	0.0000	132.2056
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	9.3600e-003	0.0169	0.1661	4.6000e-004	0.0358	3.1000e-004	0.0361	9.5200e-003	2.8000e-004	9.8000e-003	0.0000	34.0109	34.0109	1.7000e-003	0.0000	34.0467
<b>Total</b>	<b>0.0723</b>	<b>0.5793</b>	<b>1.1106</b>	<b>1.9400e-003</b>	<b>0.0704</b>	<b>6.8200e-003</b>	<b>0.0772</b>	<b>0.0190</b>	<b>6.2600e-003</b>	<b>0.0253</b>	<b>0.0000</b>	<b>166.1963</b>	<b>166.1963</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>166.2522</b>

### 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	1.4240	1.0433	11.0842	0.0331	1.3264	0.0236	1.3500	0.3761	0.0219	0.3980	0.0000	2,159.7652	2,159.7652	0.1031	0.0000	2,161.9306
Unmitigated	1.4240	1.0433	11.0842	0.0331	1.3264	0.0236	1.3500	0.3761	0.0219	0.3980	0.0000	2,159.7652	2,159.7652	0.1031	0.0000	2,161.9306

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Apartments High Rise	856.71	856.71	856.71	1,471,896	1,471,896
City Park	15.00	15.00	15.00		
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	824.44	824.44	824.44	288,091	288,091
General Office Building	853.09	853.09	853.09	4,161,007	4,161,007
High Turnover (Sit Down Restaurant)	689.55	689.55	689.55	286,137	286,137
High Turnover (Sit Down Restaurant)	317.90	317.90	317.90	131,916	131,916
Manufacturing	89.54	89.54	89.54	83,106	83,106
Strip Mall	658.83	658.83	658.83	261,397	261,397
Strip Mall	221.76	221.76	221.76	87,985	87,985
<b>Total</b>	<b>4,526.81</b>	<b>4,526.81</b>	<b>4,526.81</b>	<b>6,771,536</b>	<b>6,771,536</b>

### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	4.72	4.72	4.72	26.10	29.10	44.80	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
Fast Food Restaurant w/o Drive	0.96	0.96	0.96	1.50	79.50	19.00	100	0	0
General Office Building	13.40	13.40	13.40	33.00	48.00	19.00	100	0	0
High Turnover (Sit Down	1.14	1.14	1.14	8.50	72.50	19.00	100	0	0
High Turnover (Sit Down	1.14	1.14	1.14	8.50	72.50	19.00	100	0	0
Manufacturing	2.55	2.55	2.55	59.00	28.00	13.00	100	0	0
Strip Mall	1.09	1.09	1.09	16.60	64.40	19.00	100	0	0
Strip Mall	1.09	1.09	1.09	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.689839	0.063945	0.161776	0.084440	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

### 5.0 Energy Detail

#### 4.4 Fleet Mix

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	2,661.2012	2,661.2012	0.1203	0.0249	2,671.4460
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	2,661.2012	2,661.2012	0.1203	0.0249	2,671.4460
Natural Gas Mitigated	0.0685	0.6223	0.5181	3.7400e-003		0.0474	0.0474		0.0474	0.0474	0.0000	678.1998	678.1998	0.0130	0.0124	682.3273
Natural Gas Unmitigated	0.0685	0.6223	0.5181	3.7400e-003		0.0474	0.0474		0.0474	0.0474	0.0000	678.1998	678.1998	0.0130	0.0124	682.3273

## 5.2 Energy by Land Use - Natural Gas

### Unmitigated

	Natural Gas 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					
Apartments High Rise	240480	1.3000e-003	0.0111	4.7200e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.8329	12.8329	2.5000e-004	2.4000e-004	12.9110
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive Thru	2.84986e+006	0.0154	0.1397	0.1174	8.4000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	152.0792	152.0792	2.9100e-003	2.7900e-003	153.0047
General Office Building	341232	1.8400e-003	0.0167	0.0141	1.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	18.2094	18.2094	3.5000e-004	3.3000e-004	18.3202
High Turnover (Sit Down Restaurant)	1.70038e+006	9.1700e-003	0.0834	0.0700	5.0000e-004		6.3300e-003	6.3300e-003		6.3300e-003	6.3300e-003	0.0000	90.7388	90.7388	1.7400e-003	1.6600e-003	91.2910
High Turnover (Sit Down Restaurant)	3.6889e+006	0.0199	0.1808	0.1519	1.0800e-003		0.0137	0.0137		0.0137	0.0137	0.0000	196.8536	196.8536	3.7700e-003	3.6100e-003	198.0516

Manufacturing	3.57759e+006	0.0193	0.1754	0.1473	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	190.9138	190.9138	3.6600e-003	3.5000e-003	192.0757
Strip Mall	232341	1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.3986	12.3986	2.4000e-004	2.3000e-004	12.4740
Strip Mall	78210	4.2000e-004	3.8300e-003	3.2200e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	4.1736	4.1736	8.0000e-005	8.0000e-005	4.1990
<b>Total</b>		<b>0.0685</b>	<b>0.6223</b>	<b>0.5181</b>	<b>3.7300e-003</b>		<b>0.0474</b>	<b>0.0474</b>		<b>0.0474</b>	<b>0.0474</b>	<b>0.0000</b>	<b>678.1999</b>	<b>678.1999</b>	<b>0.0130</b>	<b>0.0124</b>	<b>682.3273</b>

**Mitigated**

	Natural Gas 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					
Apartments High Rise	240480	1.3000e-003	0.0111	4.7200e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.8329	12.8329	2.5000e-004	2.4000e-004	12.9110
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive-Thru	2.84986e+006	0.0154	0.1397	0.1174	8.4000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	152.0792	152.0792	2.9100e-003	2.7900e-003	153.0047
General Office Building	341232	1.8400e-003	0.0167	0.0141	1.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	18.2094	18.2094	3.5000e-004	3.3000e-004	18.3202
High Turnover (Sit Down Restaurant)	1.70038e+006	9.1700e-003	0.0834	0.0700	5.0000e-004		6.3300e-003	6.3300e-003		6.3300e-003	6.3300e-003	0.0000	90.7388	90.7388	1.7400e-003	1.6600e-003	91.2910
High Turnover (Sit Down Restaurant)	3.6889e+006	0.0199	0.1808	0.1519	1.0800e-003		0.0137	0.0137		0.0137	0.0137	0.0000	196.8536	196.8536	3.7700e-003	3.6100e-003	198.0516
Manufacturing	3.57759e+006	0.0193	0.1754	0.1473	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	190.9138	190.9138	3.6600e-003	3.5000e-003	192.0757
Strip Mall	232341	1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.3986	12.3986	2.4000e-004	2.3000e-004	12.4740
Strip Mall	78210	4.2000e-004	3.8300e-003	3.2200e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	4.1736	4.1736	8.0000e-005	8.0000e-005	4.1990
<b>Total</b>		<b>0.0685</b>	<b>0.6223</b>	<b>0.5181</b>	<b>3.7300e-003</b>		<b>0.0474</b>	<b>0.0474</b>		<b>0.0474</b>	<b>0.0474</b>	<b>0.0000</b>	<b>678.1999</b>	<b>678.1999</b>	<b>0.0130</b>	<b>0.0124</b>	<b>682.3273</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.6077e+06	1,340.4319	0.0606	0.0125	1,345.5921
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	493453	143.5511	6.4900e-003	1.3400e-003	144.1037
General Office Building	2.07816e+06	604.5595	0.0273	5.6600e-003	606.8868
High Turnover (Sit Down Restaurant)	395560	115.0729	5.2000e-003	1.0800e-003	115.5159
High Turnover (Sit Down Restaurant)	858149	249.6455	0.0113	2.3400e-003	250.6066
Manufacturing	281940	82.0196	3.7100e-003	7.7000e-004	82.3353
Strip Mall	109010	31.7123	1.4300e-003	3.0000e-004	31.8343
Strip Mall	323839	94.2085	4.2600e-003	8.8000e-004	94.5712
<b>Total</b>		<b>2,661.2012</b>	<b>0.1203</b>	<b>0.0249</b>	<b>2,671.4460</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.6077e+06	1,340.4319	0.0606	0.0125	1,345.5921
City Park	0	0.0000	0.0000	0.0000	0.0000

Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive-Thru	493453	143.5511	6.4900e-003	1.3400e-003	144.1037
General Office Building	2.07816e+006	604.5595	0.0273	5.6600e-003	606.8868
High Turnover (Sit Down Restaurant)	395560	115.0729	5.2000e-003	1.0800e-003	115.5159
High Turnover (Sit Down Restaurant)	858149	249.6455	0.0113	2.3400e-003	250.6066
Manufacturing	281940	82.0196	3.7100e-003	7.7000e-004	82.3353
Strip Mall	109010	31.7123	1.4300e-003	3.0000e-004	31.8343
Strip Mall	323839	94.2085	4.2600e-003	8.8000e-004	94.5712
<b>Total</b>		<b>2,661.2012</b>	<b>0.1203</b>	<b>0.0249</b>	<b>2,671.4460</b>

## 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	0.1719	0.0432	3.7376	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	10.9038	10.9038	6.0400e-003	9.0000e-005	11.0581
Unmitigated	0.7588	0.0432	3.7376	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	10.9038	10.9038	6.0400e-003	9.0000e-005	11.0581

## 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	0.6441					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	4.9000e-004	0.0000	3.0000e-005	0.0000		3.4000e-004	3.4000e-004		3.3000e-004	3.3000e-004	0.0000	4.8172	4.8172	9.0000e-005	9.0000e-005	4.8465
Landscaping	0.1141	0.0432	3.7376	2.0000e-004		0.0205	0.0205		0.0205	0.0205	0.0000	6.0866	6.0866	5.9500e-003	0.0000	6.2116
<b>Total</b>	<b>0.7588</b>	<b>0.0432</b>	<b>3.7376</b>	<b>2.0000e-004</b>		<b>0.0209</b>	<b>0.0209</b>		<b>0.0209</b>	<b>0.0209</b>	<b>0.0000</b>	<b>10.9038</b>	<b>10.9038</b>	<b>6.0400e-003</b>	<b>9.0000e-005</b>	<b>11.0581</b>

### 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	0.0573					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	4.9000e-004	0.0000	3.0000e-005	0.0000		3.4000e-004	3.4000e-004		3.3000e-004	3.3000e-004	0.0000	4.8172	4.8172	9.0000e-005	9.0000e-005	4.8465
Landscaping	0.1141	0.0432	3.7376	2.0000e-004		0.0205	0.0205		0.0205	0.0205	0.0000	6.0866	6.0866	5.9500e-003	0.0000	6.2116
<b>Total</b>	<b>0.1719</b>	<b>0.0432</b>	<b>3.7376</b>	<b>2.0000e-004</b>		<b>0.0209</b>	<b>0.0209</b>		<b>0.0209</b>	<b>0.0209</b>	<b>0.0000</b>	<b>10.9038</b>	<b>10.9038</b>	<b>6.0400e-003</b>	<b>9.0000e-005</b>	<b>11.0581</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water



	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	315.0520	4.4590	0.1074	441.9830
Unmitigated	315.0520	4.4599	0.1076	442.0521

## 7.2 Water by Land Use

### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	36.4211 / 22.9611	92.2648	1.1904	0.0288	126.1849
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Fast Food Restaurant w/o Drive Thru	3.10515 / 0.198201	6.0748	0.1014	2.4400e-003	8.9598
General Office Building	36.6825 / 22.4828	92.2721	1.1989	0.0290	126.4331
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3456	8.3000e-003	30.5318
Manufacturing	44.0531 / 0	83.3210	1.4386	0.0345	124.2402
Strip Mall	5.64803 / 3.4617	14.2072	0.1846	4.4600e-003	19.4670
<b>Total</b>		<b>315.0520</b>	<b>4.4598</b>	<b>0.1076</b>	<b>442.0521</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	36.4211 / 22.9611	92.2648	1.1902	0.0287	126.1665
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Fast Food Restaurant w/o Drive Thru	3.10515 / 0.198201	6.0748	0.1014	2.4300e-003	8.9583
General Office Building	36.6825 / 22.4828	92.2721	1.1987	0.0289	126.4145
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3455	8.2900e-003	30.5264
Manufacturing	44.0531 / 0	83.3210	1.4384	0.0345	124.2179
Strip Mall	5.64803 / 3.4617	14.2072	0.1846	4.4500e-003	19.4642
<b>Total</b>		<b>315.0520</b>	<b>4.4591</b>	<b>0.1074</b>	<b>441.9830</b>

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Unmitigated	263.5777	15.5770	0.0000	590.6946
Mitigated	263.5777	15.5770	0.0000	590.6946

## 8.2 Waste by Land Use

### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Fast Food Restaurant w/o Drive Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	191.94	38.9621	2.3026	0.0000	87.3165
High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206
<b>Total</b>		<b>263.5777</b>	<b>15.5770</b>	<b>0.0000</b>	<b>590.6946</b>

### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Fast Food Restaurant w/o Drive Thru	117.84	23.9205	1.4137	0.0000	53.6073

General Office Building	191.94	38.9621	2.3026	0.0000	87.3165
High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206
<b>Total</b>		<b>263.5777</b>	<b>15.5770</b>	<b>0.0000</b>	<b>590.6946</b>

## 9.0 Operational Offroad

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

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b. Area 1 | **Assumption B**

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## Mission Rock - Operational Area 1 San Francisco County, Annual

### 1.0 Project Characteristics

#### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	279.70	1000sqft	6.42	279,698.00	0
Manufacturing	190.50	1000sqft	4.37	190,500.00	0
Enclosed Parking with Elevator	0.00		0.00		0
Enclosed Parking with Elevator	0.00		0.00		0
City Park	5.12	Acre	5.12	191,120.00	0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	0.00	0
Fast Food Restaurant w/o Drive Thru	10.23	1000sqft	2.16	10,227.00	0
High Turnover (Sit Down Restaurant)	23.86	1000sqft	2.16	23,864.00	0
High Turnover (Sit Down Restaurant)	11.00	1000sqft	0.25	11,000.00	0
Apartments High Rise	501.00	Dwelling Unit	8.08	500,966.00	1433
Strip Mall	32.68	1000sqft	0.75	32,678.00	0
Strip Mall	11.00	1000sqft	0.25	11,000.00	0

#### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2020
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

#### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - May need to change operational date from 2020; plus there are multiple phases of operation coming online at different times

Land Use - Need to input project-specific acreages!

Construction Phase - Schedule specified by the applicant. Start date currently set for 4/3/17. All phases trickle down from this date, based on phase durations from applicant

Off-road Equipment - No equipment. Phase is just for fugitive emissions.

Off-road Equipment - Provided by applicant. Dump truck and water truck calculated outside of CalEEMod. Jet Grout Rig = Bore/Drill Rig.

Trips and VMT - All trips (and trip lengths) are one-way (times 2 for round trips). # of workers was doubled to calculate one-way worker trips. Hauling trips from applicant are already one-way trips. These are total trips including vendor and material hauling.

On-road Fugitive Dust - No changes

Demolition - No extra demo trips

Grading - From applicant. The applicant showed material movement in the foundations phase; since CalEEMod doesn't allow entry for bldg construction phase, this material was included in the demo phase.

Architectural Coating - For Study Scenario A, based on CalEEMod defaults and land use data (since no land use data was entered into this model run).

Vehicle Trips - Trip rate and trip percentage values from TIA (June 2016). Trip lengths for High Com (Scen A) from F&P: 3.5 for res, 9.5 for office, 1.0 for retail, 2.0 for Dist 10.

Vehicle Emission Factors - Trucks modeled outside of CalEEMod. Only includes light duty vehicles scaled up from default values.

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - From 151201\_Mission Rock AQ Modeling Assumptions Rev3\_P+Ws\_clean.docx. No woodstoves. 20% gas fireplaces

Consumer Products - Removed consumer product emissions to model outside CalEEMod (to remove sqft from non-consumer land uses).

Energy Use - Assumed each dwelling unit for Apartments High Rise was 1,000 sq ft; weighted average calculated for High Turnover restaurant

Construction Off-road Equipment Mitigation - Based on BAAQMD MMs

Area Mitigation - Per Brian Schuster's direction

Area Coating - From Off-Model sheet, ArchCoatings tab

Road Dust - For paved roads, composite silt loading calculated from Miscellaneous Process Methodology 7.9 - Entrained Road Travel, Paved Road Dust tables 8 (road fractions) and 9 (silt loading factors)

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	375044	279484
tblAreaCoating	Area_Nonresidential_Interior	1125131	838451
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblConstEquipMitigation	DPF	No Change	Level 3



tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	45.00	60.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.63	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	4.07	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	3.43	0.00
tblEnergyUse	LightingElect	5.51	0.00
tblEnergyUse	NT24E	2,561.86	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24NG	1,662.00	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	6.90	0.00
tblEnergyUse	NT24NG	0.70	0.00
tblEnergyUse	T24E	312.05	9,197.00
tblEnergyUse	T24E	3.26	48.25
tblEnergyUse	T24E	5.01	7.43
tblEnergyUse	T24E	3.26	35.96
tblEnergyUse	T24E	2.74	9.91
tblEnergyUse	T24NG	7,191.67	480.00
tblEnergyUse	T24NG	41.99	278.66

tblEnergyUse	T24NG	19.28	1.22
tblEnergyUse	T24NG	41.99	162.84
tblEnergyUse	T24NG	4.10	7.11
tblFireplaces	NumberGas	275.55	100.20
tblFireplaces	NumberNoFireplace	155.31	400.80
tblFireplaces	NumberWood	70.14	0.00
tblLandUse	LandUseSquareFeet	279,700.00	279,698.00
tblLandUse	LandUseSquareFeet	223,027.20	191,120.00
tblLandUse	LandUseSquareFeet	10,230.00	10,227.00
tblLandUse	LandUseSquareFeet	23,860.00	23,864.00
tblLandUse	LandUseSquareFeet	501,000.00	500,966.00
tblLandUse	LandUseSquareFeet	32,680.00	32,678.00
tblLandUse	LotAcreage	0.23	2.16
tblLandUse	LotAcreage	0.55	2.16
tblOffRoadEquipment	HorsePower	205.00	200.00
tblProjectCharacteristics	OperationalYear	2014	2020
tblRoadDust	RoadSiltLoading	0.1	0.042976
tblSolidWaste	SolidWasteGenerationRate	230.46	257.14
tblSolidWaste	SolidWasteGenerationRate	260.12	191.94
tblSolidWaste	SolidWasteGenerationRate	45.86	80.06
tblTripsAndVMT	HaulingTripLength	20.00	16.00
tblTripsAndVMT	HaulingTripNumber	0.00	5,200.00
tblTripsAndVMT	VendorTripLength	7.30	16.00
tblTripsAndVMT	WorkerTripLength	12.40	20.40
tblTripsAndVMT	WorkerTripNumber	5.00	80.00
tblVehicleEF	HHD	4.0430e-003	0.00
tblVehicleEF	LDA	0.63	0.69
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LHD1	0.03	0.00

tblVehicleEF	LHD2	3.2760e-003	0.00
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MH	5.0000e-004	0.00
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	OBUS	3.1290e-003	0.00
tblVehicleEF	SBUS	5.2900e-004	0.00
tblVehicleEF	UBUS	0.01	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.99
tblVehicleTrips	CC_TL	7.30	13.93
tblVehicleTrips	CC_TL	7.30	1.17
tblVehicleTrips	CC_TL	7.30	2.55
tblVehicleTrips	CC_TL	7.30	1.12
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.99
tblVehicleTrips	CNW_TL	7.30	13.93
tblVehicleTrips	CNW_TL	7.30	1.17
tblVehicleTrips	CNW_TL	7.30	2.55
tblVehicleTrips	CNW_TL	7.30	1.12
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.99
tblVehicleTrips	CW_TL	9.50	13.93
tblVehicleTrips	CW_TL	9.50	1.17
tblVehicleTrips	CW_TL	9.50	2.55
tblVehicleTrips	CW_TL	9.50	1.12
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00

tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	5.40	4.57
tblVehicleTrips	HS_TL	4.30	4.57
tblVehicleTrips	HW_TL	12.40	4.57
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	51.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	1.77
tblVehicleTrips	ST_TR	1.59	2.93
tblVehicleTrips	ST_TR	696.00	79.38
tblVehicleTrips	ST_TR	2.37	2.93
tblVehicleTrips	ST_TR	158.37	28.01
tblVehicleTrips	ST_TR	1.49	0.47
tblVehicleTrips	ST_TR	42.04	19.27
tblVehicleTrips	SU_TR	6.07	1.77
tblVehicleTrips	SU_TR	1.59	2.93
tblVehicleTrips	SU_TR	500.00	79.38

tblVehicleTrips	SU_TR	0.98	2.93
tblVehicleTrips	SU_TR	131.84	28.01
tblVehicleTrips	SU_TR	0.62	0.47
tblVehicleTrips	SU_TR	20.43	19.27
tblVehicleTrips	WD_TR	6.59	1.77
tblVehicleTrips	WD_TR	1.59	2.93
tblVehicleTrips	WD_TR	716.00	79.38
tblVehicleTrips	WD_TR	11.01	2.93
tblVehicleTrips	WD_TR	127.15	28.01
tblVehicleTrips	WD_TR	3.82	0.47
tblVehicleTrips	WD_TR	44.32	19.27
tblWater	IndoorWaterUseRate	32,642,166.84	36,421,100.32
tblWater	IndoorWaterUseRate	49,712,129.31	36,682,468.25
tblWater	IndoorWaterUseRate	3,235,487.74	5,648,029.76
tblWater	OutdoorWaterUseRate	20,578,757.35	22,961,128.46
tblWater	OutdoorWaterUseRate	30,468,724.42	22,482,803.12
tblWater	OutdoorWaterUseRate	1,983,040.87	3,461,695.66
tblWoodstoves	NumberCatalytic	2.50	0.00
tblWoodstoves	NumberNoncatalytic	2.50	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					
2017	0.0906	0.8462	1.2272	2.4600e-003	0.0704	0.0145	0.0849	0.0190	0.0133	0.0323	0.0000	213.6336	213.6336	0.0172	0.0000	213.9947

<b>Total</b>	<b>0.0906</b>	<b>0.8462</b>	<b>1.2272</b>	<b>2.4600e-003</b>	<b>0.0704</b>	<b>0.0145</b>	<b>0.0849</b>	<b>0.0190</b>	<b>0.0133</b>	<b>0.0323</b>	<b>0.0000</b>	<b>213.6336</b>	<b>213.6336</b>	<b>0.0172</b>	<b>0.0000</b>	<b>213.9947</b>
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### 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					
2017	0.0538	1.9663	2.2575	2.4600e-003	0.0704	-0.0263	0.0441	0.0190	-0.0235	-0.0045	0.0000	213.6336	213.6336	0.0172	0.0000	213.9946
<b>Total</b>	<b>0.0538</b>	<b>1.9663</b>	<b>2.2575</b>	<b>2.4600e-003</b>	<b>0.0704</b>	<b>-0.0263</b>	<b>0.0441</b>	<b>0.0190</b>	<b>-0.0235</b>	<b>-0.0045</b>	<b>0.0000</b>	<b>213.6336</b>	<b>213.6336</b>	<b>0.0172</b>	<b>0.0000</b>	<b>213.9946</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>40.60</b>	<b>-132.38</b>	<b>-83.96</b>	<b>0.00</b>	<b>0.00</b>	<b>281.56</b>	<b>48.04</b>	<b>0.00</b>	<b>276.20</b>	<b>113.83</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

## 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	0.7588	0.0432	3.7376	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	10.9038	10.9038	6.0400e-003	9.0000e-005	11.0581
Energy	0.0701	0.6364	0.5300	3.8200e-003		0.0484	0.0484		0.0484	0.0484	0.0000	3,354.7685	3,354.7685	0.1336	0.0376	3,369.2343
Mobile	1.3999	1.0373	11.0000	0.0331	1.3243	0.0235	1.3478	0.3755	0.0218	0.3973	0.0000	2,154.6740	2,154.6740	0.1027	0.0000	2,156.8311

Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4599	0.1076	442.0521
<b>Total</b>	<b>2.2287</b>	<b>1.7169</b>	<b>15.2675</b>	<b>0.0371</b>	<b>1.3243</b>	<b>0.0928</b>	<b>1.4171</b>	<b>0.3755</b>	<b>0.0911</b>	<b>0.4665</b>	<b>306.8800</b>	<b>5,792.0960</b>	<b>6,098.9760</b>	<b>20.2792</b>	<b>0.1453</b>	<b>6,569.8701</b>

### 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	0.1719	0.0432	3.7376	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	10.9038	10.9038	6.0400e-003	9.0000e-005	11.0581
Energy	0.0701	0.6364	0.5300	3.8200e-003		0.0484	0.0484		0.0484	0.0484	0.0000	3,354.7685	3,354.7685	0.1336	0.0376	3,369.2343
Mobile	1.3999	1.0373	11.0000	0.0331	1.3243	0.0235	1.3478	0.3755	0.0218	0.3973	0.0000	2,154.6740	2,154.6740	0.1027	0.0000	2,156.8311
Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4590	0.1074	441.9830
<b>Total</b>	<b>1.6418</b>	<b>1.7169</b>	<b>15.2675</b>	<b>0.0371</b>	<b>1.3243</b>	<b>0.0928</b>	<b>1.4171</b>	<b>0.3755</b>	<b>0.0911</b>	<b>0.4665</b>	<b>306.8800</b>	<b>5,792.0960</b>	<b>6,098.9760</b>	<b>20.2784</b>	<b>0.1451</b>	<b>6,569.8010</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>26.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.12</b>	<b>0.00</b>

## 3.0 Construction Detail

### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	AREA 1 - Demo + Rough Grade	Grading	4/3/2017	6/23/2017	5	60	





Off-Road	0.0184	0.2668	0.1166	5.1000e-004		7.6700e-003	7.6700e-003		7.0600e-003	7.0600e-003	0.0000	47.4373	47.4373	0.0145	0.0000	47.7425
<b>Total</b>	<b>0.0184</b>	<b>0.2668</b>	<b>0.1166</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>7.6700e-003</b>	<b>7.6700e-003</b>	<b>0.0000</b>	<b>7.0600e-003</b>	<b>7.0600e-003</b>	<b>0.0000</b>	<b>47.4373</b>	<b>47.4373</b>	<b>0.0145</b>	<b>0.0000</b>	<b>47.7425</b>

**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	0.0629	0.5624	0.9444	1.4800e-003	0.0346	6.5100e-003	0.0411	9.4800e-003	5.9800e-003	0.0155	0.0000	132.1855	132.1855	9.6000e-004	0.0000	132.2056
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	9.3600e-003	0.0169	0.1661	4.6000e-004	0.0358	3.1000e-004	0.0361	9.5200e-003	2.8000e-004	9.8000e-003	0.0000	34.0109	34.0109	1.7000e-003	0.0000	34.0467
<b>Total</b>	<b>0.0723</b>	<b>0.5793</b>	<b>1.1106</b>	<b>1.9400e-003</b>	<b>0.0704</b>	<b>6.8200e-003</b>	<b>0.0772</b>	<b>0.0190</b>	<b>6.2600e-003</b>	<b>0.0253</b>	<b>0.0000</b>	<b>166.1963</b>	<b>166.1963</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>166.2522</b>

**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	-0.0184	1.3870	1.1469	5.1000e-004		-0.0331	-0.0331		-0.0297	-0.0297	0.0000	47.4372	47.4372	0.0145	0.0000	47.7424
<b>Total</b>	<b>-0.0184</b>	<b>1.3870</b>	<b>1.1469</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>-0.0331</b>	<b>-0.0331</b>	<b>0.0000</b>	<b>-0.0297</b>	<b>-0.0297</b>	<b>0.0000</b>	<b>47.4372</b>	<b>47.4372</b>	<b>0.0145</b>	<b>0.0000</b>	<b>47.7424</b>

**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	0.0629	0.5624	0.9444	1.4800e-003	0.0346	6.5100e-003	0.0411	9.4800e-003	5.9800e-003	0.0155	0.0000	132.1855	132.1855	9.6000e-004	0.0000	132.2056
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	9.3600e-003	0.0169	0.1661	4.6000e-004	0.0358	3.1000e-004	0.0361	9.5200e-003	2.8000e-004	9.8000e-003	0.0000	34.0109	34.0109	1.7000e-003	0.0000	34.0467
<b>Total</b>	<b>0.0723</b>	<b>0.5793</b>	<b>1.1106</b>	<b>1.9400e-003</b>	<b>0.0704</b>	<b>6.8200e-003</b>	<b>0.0772</b>	<b>0.0190</b>	<b>6.2600e-003</b>	<b>0.0253</b>	<b>0.0000</b>	<b>166.1963</b>	<b>166.1963</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>166.2522</b>

#### 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	1.3999	1.0373	11.0000	0.0331	1.3243	0.0235	1.3478	0.3755	0.0218	0.3973	0.0000	2,154.6740	2,154.6740	0.1027	0.0000	2,156.8311
Unmitigated	1.3999	1.0373	11.0000	0.0331	1.3243	0.0235	1.3478	0.3755	0.0218	0.3973	0.0000	2,154.6740	2,154.6740	0.1027	0.0000	2,156.8311

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	886.51	886.51	886.51	1,475,130	1,475,130
City Park	15.00	15.00	15.00		
City Park	0.00	0.00	0.00		

City Park	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	812.04	812.04	812.04	292,342	292,342
General Office Building	818.81	818.81	818.81	4,151,295	4,151,295
High Turnover (Sit Down Restaurant)	668.29	668.29	668.29	284,451	284,451
High Turnover (Sit Down Restaurant)	308.10	308.10	308.10	131,138	131,138
Manufacturing	90.00	90.00	90.00	83,608	83,608
Strip Mall	629.90	629.90	629.90	256,746	256,746
Strip Mall	212.02	212.02	212.02	86,420	86,420
<b>Total</b>	<b>4,440.66</b>	<b>4,440.66</b>	<b>4,440.66</b>	<b>6,761,130</b>	<b>6,761,130</b>

### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	4.57	4.57	4.57	26.10	29.10	44.80	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
Fast Food Restaurant w/o Drive	0.99	0.99	0.99	1.50	79.50	19.00	100	0	0
General Office Building	13.93	13.93	13.93	33.00	48.00	19.00	100	0	0
High Turnover (Sit Down)	1.17	1.17	1.17	8.50	72.50	19.00	100	0	0
High Turnover (Sit Down)	1.17	1.17	1.17	8.50	72.50	19.00	100	0	0
Manufacturing	2.55	2.55	2.55	59.00	28.00	13.00	100	0	0
Strip Mall	1.12	1.12	1.12	16.60	64.40	19.00	100	0	0
Strip Mall	1.12	1.12	1.12	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.689839	0.063945	0.161776	0.084440	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

### 5.0 Energy Detail

#### 4.4 Fleet Mix

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	2,661.2012	2,661.2012	0.1203	0.0249	2,671.4460
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,661.2012	2,661.2012	0.1203	0.0249	2,671.4460
NaturalGas Mitigated	0.0701	0.6364	0.5300	3.8200e-003		0.0484	0.0484		0.0484	0.0484	0.0000	693.5674	693.5674	0.0133	0.0127	697.7883
NaturalGas Unmitigated	0.0701	0.6364	0.5300	3.8200e-003		0.0484	0.0484		0.0484	0.0484	0.0000	693.5674	693.5674	0.0133	0.0127	697.7883

## 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					
Apartments High Rise	240480	1.3000e-003	0.0111	4.7200e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.8329	12.8329	2.5000e-004	2.4000e-004	12.9110
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive Thru	2.84986e+006	0.0154	0.1397	0.1174	8.4000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	152.0792	152.0792	2.9100e-003	2.7900e-003	153.0047
General Office Building	341232	1.8400e-003	0.0167	0.0141	1.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	18.2094	18.2094	3.5000e-004	3.3000e-004	18.3202
High Turnover (Sit Down Restaurant)	1.79124e+006	9.6600e-003	0.0878	0.0738	5.3000e-004		6.6700e-003	6.6700e-003		6.6700e-003	6.6700e-003	0.0000	95.5874	95.5874	1.8300e-003	1.7500e-003	96.1691
High Turnover (Sit Down Restaurant)	3.88601e+006	0.0210	0.1905	0.1600	1.1400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	207.3725	207.3725	3.9700e-003	3.8000e-003	208.6345
Manufacturing	3.57759e+006	0.0193	0.1754	0.1473	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	190.9138	190.9138	3.6600e-003	3.5000e-003	192.0757
Strip Mall	232341	1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.3986	12.3986	2.4000e-004	2.3000e-004	12.4740

Strip Mall	78210	4.2000e-004	3.8300e-003	3.2200e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	4.1736	4.1736	8.0000e-005	8.0000e-005	4.1990
<b>Total</b>		<b>0.0701</b>	<b>0.6364</b>	<b>0.5300</b>	<b>3.8200e-003</b>		<b>0.0484</b>	<b>0.0484</b>		<b>0.0484</b>	<b>0.0484</b>	<b>0.0000</b>	<b>693.5674</b>	<b>693.5674</b>	<b>0.0133</b>	<b>0.0127</b>	<b>697.7883</b>

**Mitigated**

	Natural Gas 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					
Apartments High Rise	240480	1.3000e-003	0.0111	4.7200e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.8329	12.8329	2.5000e-004	2.4000e-004	12.9110
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive-Thru	2.84986e+006	0.0154	0.1397	0.1174	8.4000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	152.0792	152.0792	2.9100e-003	2.7900e-003	153.0047
General Office Building	341232	1.8400e-003	0.0167	0.0141	1.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	18.2094	18.2094	3.5000e-004	3.3000e-004	18.3202
High Turnover (Sit Down Restaurant)	1.79124e+006	9.6600e-003	0.0878	0.0738	5.3000e-004		6.6700e-003	6.6700e-003		6.6700e-003	6.6700e-003	0.0000	95.5874	95.5874	1.8300e-003	1.7500e-003	96.1691
High Turnover (Sit Down Restaurant)	3.88601e+006	0.0210	0.1905	0.1600	1.1400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	207.3725	207.3725	3.9700e-003	3.8000e-003	208.6345
Manufacturing	3.57759e+006	0.0193	0.1754	0.1473	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	190.9138	190.9138	3.6600e-003	3.5000e-003	192.0757
Strip Mall	232341	1.2500e-003	0.0114	9.5700e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.3986	12.3986	2.4000e-004	2.3000e-004	12.4740
Strip Mall	78210	4.2000e-004	3.8300e-003	3.2200e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	4.1736	4.1736	8.0000e-005	8.0000e-005	4.1990
<b>Total</b>		<b>0.0701</b>	<b>0.6364</b>	<b>0.5300</b>	<b>3.8200e-003</b>		<b>0.0484</b>	<b>0.0484</b>		<b>0.0484</b>	<b>0.0484</b>	<b>0.0000</b>	<b>693.5674</b>	<b>693.5674</b>	<b>0.0133</b>	<b>0.0127</b>	<b>697.7883</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.6077e+06	1,340.4319	0.0606	0.0125	1,345.5921
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	493453	143.5511	6.4900e-003	1.3400e-003	144.1037
General Office Building	2.07816e+06	604.5595	0.0273	5.6600e-003	606.8868
High Turnover (Sit Down Restaurant)	395560	115.0729	5.2000e-003	1.0800e-003	115.5159
High Turnover (Sit Down Restaurant)	858149	249.6455	0.0113	2.3400e-003	250.6066
Manufacturing	281940	82.0196	3.7100e-003	7.7000e-004	82.3353
Strip Mall	109010	31.7123	1.4300e-003	3.0000e-004	31.8343
Strip Mall	323839	94.2085	4.2600e-003	8.8000e-004	94.5712
<b>Total</b>		<b>2,661.2012</b>	<b>0.1203</b>	<b>0.0249</b>	<b>2,671.4460</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.6077e+06	1,340.4319	0.0606	0.0125	1,345.5921
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000

Fast Food Restaurant w/o Drive Thru	493453	143.5511	6.4900e-003	1.3400e-003	144.1037
General Office Building	2.07816e+006	604.5595	0.0273	5.6600e-003	606.8868
High Turnover (Sit Down Restaurant)	395560	115.0729	5.2000e-003	1.0800e-003	115.5159
High Turnover (Sit Down Restaurant)	858149	249.6455	0.0113	2.3400e-003	250.6066
Manufacturing	281940	82.0196	3.7100e-003	7.7000e-004	82.3353
Strip Mall	109010	31.7123	1.4300e-003	3.0000e-004	31.8343
Strip Mall	323839	94.2085	4.2600e-003	8.8000e-004	94.5712
<b>Total</b>		<b>2,661.2012</b>	<b>0.1203</b>	<b>0.0249</b>	<b>2,671.4460</b>

## 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	0.1719	0.0432	3.7376	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	10.9038	10.9038	6.0400e-003	9.0000e-005	11.0581
Unmitigated	0.7588	0.0432	3.7376	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	10.9038	10.9038	6.0400e-003	9.0000e-005	11.0581

### 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	0.6441					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	4.9000e-004	0.0000	3.0000e-005	0.0000		3.4000e-004	3.4000e-004		3.3000e-004	3.3000e-004	0.0000	4.8172	4.8172	9.0000e-005	9.0000e-005	4.8465
Landscaping	0.1141	0.0432	3.7376	2.0000e-004		0.0205	0.0205		0.0205	0.0205	0.0000	6.0866	6.0866	5.9500e-003	0.0000	6.2116
<b>Total</b>	<b>0.7588</b>	<b>0.0432</b>	<b>3.7376</b>	<b>2.0000e-004</b>		<b>0.0209</b>	<b>0.0209</b>		<b>0.0209</b>	<b>0.0209</b>	<b>0.0000</b>	<b>10.9038</b>	<b>10.9038</b>	<b>6.0400e-003</b>	<b>9.0000e-005</b>	<b>11.0581</b>

**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	0.0573					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	4.9000e-004	0.0000	3.0000e-005	0.0000		3.4000e-004	3.4000e-004		3.3000e-004	3.3000e-004	0.0000	4.8172	4.8172	9.0000e-005	9.0000e-005	4.8465
Landscaping	0.1141	0.0432	3.7376	2.0000e-004		0.0205	0.0205		0.0205	0.0205	0.0000	6.0866	6.0866	5.9500e-003	0.0000	6.2116
<b>Total</b>	<b>0.1719</b>	<b>0.0432</b>	<b>3.7376</b>	<b>2.0000e-004</b>		<b>0.0209</b>	<b>0.0209</b>		<b>0.0209</b>	<b>0.0209</b>	<b>0.0000</b>	<b>10.9038</b>	<b>10.9038</b>	<b>6.0400e-003</b>	<b>9.0000e-005</b>	<b>11.0581</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**



	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	315.0520	4.4590	0.1074	441.9830
Unmitigated	315.0520	4.4599	0.1076	442.0521

## 7.2 Water by Land Use

### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	36.4211 / 22.9611	92.2648	1.1904	0.0288	126.1849
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Fast Food Restaurant w/o Drive Thru	3.10515 / 0.198201	6.0748	0.1014	2.4400e-003	8.9598
General Office Building	36.6825 / 22.4828	92.2721	1.1989	0.0290	126.4331
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3456	8.3000e-003	30.5318
Manufacturing	44.0531 / 0	83.3210	1.4386	0.0345	124.2402
Strip Mall	5.64803 / 3.4617	14.2072	0.1846	4.4600e-003	19.4670
<b>Total</b>		<b>315.0520</b>	<b>4.4598</b>	<b>0.1076</b>	<b>442.0521</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	36.4211 / 22.9611	92.2648	1.1902	0.0287	126.1665
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Fast Food Restaurant w/o Drive Thru	3.10515 / 0.198201	6.0748	0.1014	2.4300e-003	8.9583
General Office Building	36.6825 / 22.4828	92.2721	1.1987	0.0289	126.4145
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3455	8.2900e-003	30.5264
Manufacturing	44.0531 / 0	83.3210	1.4384	0.0345	124.2179
Strip Mall	5.64803 / 3.4617	14.2072	0.1846	4.4500e-003	19.4642
<b>Total</b>		<b>315.0520</b>	<b>4.4591</b>	<b>0.1074</b>	<b>441.9830</b>

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Unmitigated	263.5777	15.5770	0.0000	590.6946
Mitigated	263.5777	15.5770	0.0000	590.6946

### 8.2 Waste by Land Use

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Fast Food Restaurant w/o Drive-Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	191.94	38.9621	2.3026	0.0000	87.3165
High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206
<b>Total</b>		<b>263.5777</b>	<b>15.5770</b>	<b>0.0000</b>	<b>590.6946</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Fast Food Restaurant w/o Drive-Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	191.94	38.9621	2.3026	0.0000	87.3165

High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206
<b>Total</b>		<b>263.5777</b>	<b>15.5770</b>	<b>0.0000</b>	<b>590.6946</b>

## 9.0 Operational Offroad

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

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c. Area 2 | **Assumption A**

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## Mission Rock - Operational Area 2A San Francisco County, Annual

### 1.0 Project Characteristics

#### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	567.20	1000sqft	13.02	567,202.00	0
Manufacturing	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	837.23	1000sqft	19.22	837,230.00	0
Enclosed Parking with Elevator	0.00		0.00		0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	0.00	0
Fast Food Restaurant w/o Drive Thru	10.23	1000sqft	2.16	10,227.00	0
High Turnover (Sit Down Restaurant)	23.86	1000sqft	2.16	23,864.00	0
High Turnover (Sit Down Restaurant)	0.00	1000sqft	0.00	0.00	0
Apartments High Rise	239.00	Dwelling Unit	3.85	238,828.00	684
Strip Mall	43.85	1000sqft	1.01	43,849.00	0
Strip Mall	0.00	1000sqft	0.00	0.00	0

#### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2021
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - May need to change operational date from 2020; plus there are multiple phases of operation coming online at different times

Land Use - Acreages will have to be updated as well, I had no acreage info to go on.

Construction Phase - Schedule specified by the applicant. Start date currently set for 4/3/17. All phases trickle down from this date, based on phase durations from applicant

Off-road Equipment - No equipment. Phase is just for fugitive emissions.

Off-road Equipment - Provided by applicant. Dump truck calculated outside of CalEEMod

Trips and VMT - All trips (and trip lengths) are one-way (times 2 for round trips). # of workers was doubled to calculate one-way worker trips. Hauling trips from applicant are already one-way trips. These are total trips including worker and material hauling

On-road Fugitive Dust - No changes

Demolition - No extra demo trips

Grading - From applicant. The applicant showed material movement in the foundations phase; since CalEEMod doesn't allow entry for bldg construction phase, this material was included in the demo phase

Architectural Coating - For Study Scenario A, based on CalEEMod defaults and land use data (since no land use data was entered into this model run).

Vehicle Trips - Trip rate and trip percentage values from TIA (June 2016). Trip lengths for High Com (Scen A) from F&P: 3.5 for res, 9.5 for office, 1.0 for retail, 2.2 for Dist 12

Vehicle Emission Factors - Trucks modeled outside of CalEEMod. Only includes light duty vehicles scaled up from default values.

Woodstoves - From 151201\_Mission Rock AQ Modeling Assumptions Rev3\_P+Ws\_clean.docx. No woodstoves. 20% gas fireplaces

Consumer Products - Removed consumer product emissions to model outside CalEEMod (to remove sqft from non-consumer land uses).

Energy Use - Assumed each dwelling unit equals 1,000 sq ft

Construction Off-road Equipment Mitigation - Based on BAAQMD MMs

Area Mitigation - Per Brian Schuster's direction

Area Coating - From Off-Model sheet, ArchCoatings tab

Road Dust - For paved roads, composite silt loading calculated from Miscellaneous Process Methodology 7.9 - Entrained Road Travel, Paved Road Dust tables 8 (road fractions) and 9 (silt loading factors)

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	741186	322821
tblAreaCoating	Area_Nonresidential_Interior	2223558	968463
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.63	0.00



tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	4.07	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	3.43	0.00
tblEnergyUse	LightingElect	5.51	0.00
tblEnergyUse	NT24E	2,561.86	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24NG	1,662.00	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	6.90	0.00
tblEnergyUse	NT24NG	0.70	0.00
tblEnergyUse	T24E	312.05	9,196.58
tblEnergyUse	T24E	3.26	48.25
tblEnergyUse	T24E	5.01	7.43
tblEnergyUse	T24E	3.26	35.08
tblEnergyUse	T24E	2.74	9.91
tblEnergyUse	T24NG	7,191.67	480.00
tblEnergyUse	T24NG	41.99	278.66
tblEnergyUse	T24NG	19.28	1.22
tblEnergyUse	T24NG	41.99	154.58
tblEnergyUse	T24NG	4.10	7.11
tblFireplaces	NumberGas	131.45	47.80
tblFireplaces	NumberNoFireplace	74.09	191.20

tblFireplaces	NumberWood	33.46	0.00
tblLandUse	LandUseSquareFeet	567,200.00	567,202.00
tblLandUse	LandUseSquareFeet	10,230.00	10,227.00
tblLandUse	LandUseSquareFeet	23,860.00	23,864.00
tblLandUse	LandUseSquareFeet	239,000.00	238,828.00
tblLandUse	LandUseSquareFeet	43,850.00	43,849.00
tblLandUse	LotAcreage	0.23	2.16
tblLandUse	LotAcreage	0.55	2.16
tblProjectCharacteristics	OperationalYear	2014	2021
tblRoadDust	RoadSiltLoading	0.1	0.042976
tblTripsAndVMT	HaulingTripNumber	0.00	620.00
tblTripsAndVMT	VendorTripLength	7.30	16.00
tblTripsAndVMT	WorkerTripLength	12.40	20.40
tblTripsAndVMT	WorkerTripNumber	8.00	18.00
tblVehicleEF	HHD	4.0860e-003	0.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.01	9.9070e-003
tblVehicleEF	HHD	2.40	2.29
tblVehicleEF	HHD	3.76	3.96
tblVehicleEF	HHD	45.03	47.11
tblVehicleEF	HHD	559.37	559.68
tblVehicleEF	HHD	1,462.80	1,457.70
tblVehicleEF	HHD	49.32	50.48
tblVehicleEF	HHD	4.0860e-003	4.0430e-003
tblVehicleEF	HHD	3.75	4.10
tblVehicleEF	HHD	3.20	3.83
tblVehicleEF	HHD	3.66	3.76
tblVehicleEF	HHD	8.4180e-003	8.6950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.1590e-003	1.6010e-003
tblVehicleEF	HHD	7.7440e-003	8.0000e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.1300e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	1.0750e-003	1.4180e-003
tblVehicleEF	HHD	2.7960e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.55	0.53
tblVehicleEF	HHD	2.1640e-003	2.3420e-003
tblVehicleEF	HHD	0.27	0.27
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.45	1.59
tblVehicleEF	HHD	5.9300e-003	5.9330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2990e-003	1.3490e-003
tblVehicleEF	HHD	2.7960e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.63	0.60
tblVehicleEF	HHD	2.1640e-003	2.3420e-003
tblVehicleEF	HHD	0.31	0.31
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.55	1.70
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	9.9070e-003
tblVehicleEF	HHD	4.55	4.35
tblVehicleEF	HHD	3.60	3.80
tblVehicleEF	HHD	83.41	86.21
tblVehicleEF	HHD	484.68	484.95

tblVehicleEF	HHD	1,462.80	1,457.70
tblVehicleEF	HHD	49.32	50.48
tblVehicleEF	HHD	4.0860e-003	4.0430e-003
tblVehicleEF	HHD	3.47	3.80
tblVehicleEF	HHD	3.44	4.11
tblVehicleEF	HHD	4.11	4.23
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.1590e-003	1.6010e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.1300e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	1.0750e-003	1.4180e-003
tblVehicleEF	HHD	7.1800e-004	7.5600e-004
tblVehicleEF	HHD	0.08	0.10
tblVehicleEF	HHD	0.63	0.61
tblVehicleEF	HHD	3.7600e-004	3.8500e-004
tblVehicleEF	HHD	0.27	0.27
tblVehicleEF	HHD	0.51	0.55
tblVehicleEF	HHD	2.24	2.48
tblVehicleEF	HHD	5.1380e-003	5.1410e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.9260e-003	1.9910e-003
tblVehicleEF	HHD	7.1800e-004	7.5600e-004
tblVehicleEF	HHD	0.08	0.10
tblVehicleEF	HHD	0.72	0.69
tblVehicleEF	HHD	3.7600e-004	3.8500e-004

tblVehicleEF	HHD	0.31	0.31
tblVehicleEF	HHD	0.51	0.55
tblVehicleEF	HHD	2.39	2.65
tblVehicleEF	LDA	0.63	0.69
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	5.5770e-003	6.1340e-003
tblVehicleEF	LDA	0.83	0.88
tblVehicleEF	LDA	1.01	1.10
tblVehicleEF	LDA	268.39	274.05
tblVehicleEF	LDA	51.22	52.36
tblVehicleEF	LDA	0.63	0.63
tblVehicleEF	LDA	0.06	0.07
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	2.2580e-003	2.2290e-003
tblVehicleEF	LDA	3.6380e-003	3.4520e-003
tblVehicleEF	LDA	2.0940e-003	2.0660e-003
tblVehicleEF	LDA	3.3740e-003	3.2020e-003
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.20	0.21
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	7.5300e-004	7.5400e-004
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.20	0.21
tblVehicleEF	LDA	0.08	0.09

tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	5.5770e-003	6.1340e-003
tblVehicleEF	LDA	0.73	0.77
tblVehicleEF	LDA	1.75	1.89
tblVehicleEF	LDA	251.78	257.10
tblVehicleEF	LDA	51.22	52.36
tblVehicleEF	LDA	0.63	0.63
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	2.2580e-003	2.2290e-003
tblVehicleEF	LDA	3.6380e-003	3.4520e-003
tblVehicleEF	LDA	2.0940e-003	2.0660e-003
tblVehicleEF	LDA	3.3740e-003	3.2020e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.26	0.27
tblVehicleEF	LDA	0.11	0.12
tblVehicleEF	LDA	7.6600e-004	7.6800e-004
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.26	0.27
tblVehicleEF	LDA	0.12	0.13
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.79	1.91

tblVehicleEF	LDT1	2.39	2.58
tblVehicleEF	LDT1	331.17	336.72
tblVehicleEF	LDT1	62.98	63.99
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.14	0.16
tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	3.4400e-003	3.5450e-003
tblVehicleEF	LDT1	4.3150e-003	4.2950e-003
tblVehicleEF	LDT1	3.1910e-003	3.2870e-003
tblVehicleEF	LDT1	4.0030e-003	3.9840e-003
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.26	0.27
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.79	0.83
tblVehicleEF	LDT1	0.19	0.21
tblVehicleEF	LDT1	4.6010e-003	4.5990e-003
tblVehicleEF	LDT1	8.8900e-004	8.9000e-004
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.26	0.27
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.79	0.83
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.61	1.72
tblVehicleEF	LDT1	4.09	4.41
tblVehicleEF	LDT1	311.74	316.99
tblVehicleEF	LDT1	62.98	63.99

tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.20	0.22
tblVehicleEF	LDT1	3.4400e-003	3.5450e-003
tblVehicleEF	LDT1	4.3150e-003	4.2950e-003
tblVehicleEF	LDT1	3.1910e-003	3.2870e-003
tblVehicleEF	LDT1	4.0030e-003	3.9840e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	1.10	1.15
tblVehicleEF	LDT1	0.28	0.31
tblVehicleEF	LDT1	4.3270e-003	4.3260e-003
tblVehicleEF	LDT1	9.1800e-004	9.2200e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	1.10	1.15
tblVehicleEF	LDT1	0.30	0.33
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9940e-003	8.8110e-003
tblVehicleEF	LDT2	1.11	1.19
tblVehicleEF	LDT2	1.45	1.59
tblVehicleEF	LDT2	404.28	410.37
tblVehicleEF	LDT2	76.58	77.73
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.10	0.11



tblVehicleEF	LDT2	0.15	0.17
tblVehicleEF	LDT2	2.1680e-003	2.1340e-003
tblVehicleEF	LDT2	3.4970e-003	3.3120e-003
tblVehicleEF	LDT2	2.0110e-003	1.9800e-003
tblVehicleEF	LDT2	3.2440e-003	3.0720e-003
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.38	0.40
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	5.4150e-003	5.4160e-003
tblVehicleEF	LDT2	1.0300e-003	1.0310e-003
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.38	0.40
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9940e-003	8.8110e-003
tblVehicleEF	LDT2	0.98	1.05
tblVehicleEF	LDT2	2.49	2.73
tblVehicleEF	LDT2	379.91	385.64
tblVehicleEF	LDT2	76.58	77.73
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.18	0.20
tblVehicleEF	LDT2	2.1680e-003	2.1340e-003
tblVehicleEF	LDT2	3.4970e-003	3.3120e-003

tblVehicleEF	LDT2	2.0110e-003	1.9800e-003
tblVehicleEF	LDT2	3.2440e-003	3.0720e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.52	0.54
tblVehicleEF	LDT2	0.16	0.18
tblVehicleEF	LDT2	5.0860e-003	5.0870e-003
tblVehicleEF	LDT2	1.0480e-003	1.0510e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.52	0.54
tblVehicleEF	LDT2	0.17	0.19
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	1.3200e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.27	1.38
tblVehicleEF	LHD1	3.16	3.28
tblVehicleEF	LHD1	801.15	801.15
tblVehicleEF	LHD1	44.53	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.70	0.75
tblVehicleEF	LHD1	1.32	1.35
tblVehicleEF	LHD1	3.5500e-004	3.5700e-004

tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7270e-003	8.7280e-003
tblVehicleEF	LHD1	8.7390e-003	9.2190e-003
tblVehicleEF	LHD1	8.7300e-004	9.3800e-004
tblVehicleEF	LHD1	3.2700e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.0510e-003	8.4930e-003
tblVehicleEF	LHD1	8.1000e-004	8.7000e-004
tblVehicleEF	LHD1	3.8750e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.6110e-003	2.6220e-003
tblVehicleEF	LHD1	0.11	0.12
tblVehicleEF	LHD1	0.50	0.50
tblVehicleEF	LHD1	0.32	0.34
tblVehicleEF	LHD1	8.8640e-003	8.8660e-003
tblVehicleEF	LHD1	5.5400e-004	5.5500e-004
tblVehicleEF	LHD1	3.8750e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.6110e-003	2.6220e-003
tblVehicleEF	LHD1	0.13	0.14
tblVehicleEF	LHD1	0.50	0.50
tblVehicleEF	LHD1	0.34	0.36
tblVehicleEF	LHD1	1.3200e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.21	1.32
tblVehicleEF	LHD1	5.59	5.82

tblVehicleEF	LHD1	801.15	801.15
tblVehicleEF	LHD1	44.53	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.77	0.83
tblVehicleEF	LHD1	1.48	1.51
tblVehicleEF	LHD1	3.5500e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7270e-003	8.7280e-003
tblVehicleEF	LHD1	8.7390e-003	9.2190e-003
tblVehicleEF	LHD1	8.7300e-004	9.3800e-004
tblVehicleEF	LHD1	3.2700e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.0510e-003	8.4930e-003
tblVehicleEF	LHD1	8.1000e-004	8.7000e-004
tblVehicleEF	LHD1	1.1530e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.2400e-004	6.1400e-004
tblVehicleEF	LHD1	0.10	0.11
tblVehicleEF	LHD1	0.59	0.59
tblVehicleEF	LHD1	0.45	0.47
tblVehicleEF	LHD1	8.8630e-003	8.8650e-003
tblVehicleEF	LHD1	5.9600e-004	5.9900e-004
tblVehicleEF	LHD1	1.1530e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.2400e-004	6.1400e-004
tblVehicleEF	LHD1	0.12	0.14
tblVehicleEF	LHD1	0.59	0.59

tblVehicleEF	LHD1	0.48	0.51
tblVehicleEF	LHD2	3.2670e-003	0.00
tblVehicleEF	LHD2	1.0060e-003	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	1.06	1.17
tblVehicleEF	LHD2	2.09	2.22
tblVehicleEF	LHD2	8.43	8.43
tblVehicleEF	LHD2	677.65	677.82
tblVehicleEF	LHD2	29.16	29.05
tblVehicleEF	LHD2	3.2670e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.22	1.32
tblVehicleEF	LHD2	0.81	0.84
tblVehicleEF	LHD2	1.0680e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9540e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.0900e-004	5.6400e-004
tblVehicleEF	LHD2	9.8300e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7200e-004	5.2400e-004
tblVehicleEF	LHD2	2.5810e-003	2.7260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6780e-003	1.7340e-003
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.32	0.35

tblVehicleEF	LHD2	0.19	0.21
tblVehicleEF	LHD2	7.4150e-003	7.4180e-003
tblVehicleEF	LHD2	3.6200e-004	3.6400e-004
tblVehicleEF	LHD2	2.5810e-003	2.7260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6780e-003	1.7340e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.32	0.35
tblVehicleEF	LHD2	0.20	0.22
tblVehicleEF	LHD2	1.0060e-003	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	1.03	1.13
tblVehicleEF	LHD2	3.68	3.90
tblVehicleEF	LHD2	8.43	8.43
tblVehicleEF	LHD2	677.65	677.82
tblVehicleEF	LHD2	29.16	29.05
tblVehicleEF	LHD2	3.2670e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.31	1.41
tblVehicleEF	LHD2	0.91	0.94
tblVehicleEF	LHD2	1.0680e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9540e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.0900e-004	5.6400e-004
tblVehicleEF	LHD2	9.8300e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03

tbIVehicleEF	LHD2	0.02	0.02
tbIVehicleEF	LHD2	4.7200e-004	5.2400e-004
tbIVehicleEF	LHD2	7.4500e-004	7.6500e-004
tbIVehicleEF	LHD2	0.06	0.06
tbIVehicleEF	LHD2	0.02	0.02
tbIVehicleEF	LHD2	3.9600e-004	3.9900e-004
tbIVehicleEF	LHD2	0.11	0.12
tbIVehicleEF	LHD2	0.38	0.41
tbIVehicleEF	LHD2	0.27	0.29
tbIVehicleEF	LHD2	7.4140e-003	7.4180e-003
tbIVehicleEF	LHD2	3.9000e-004	3.9300e-004
tbIVehicleEF	LHD2	7.4500e-004	7.6500e-004
tbIVehicleEF	LHD2	0.06	0.06
tbIVehicleEF	LHD2	0.02	0.02
tbIVehicleEF	LHD2	3.9600e-004	3.9900e-004
tbIVehicleEF	LHD2	0.13	0.14
tbIVehicleEF	LHD2	0.38	0.41
tbIVehicleEF	LHD2	0.28	0.31
tbIVehicleEF	MCY	0.01	0.00
tbIVehicleEF	MCY	18.62	18.87
tbIVehicleEF	MCY	8.86	8.85
tbIVehicleEF	MCY	144.76	144.23
tbIVehicleEF	MCY	38.08	38.45
tbIVehicleEF	MCY	0.01	0.01
tbIVehicleEF	MCY	1.04	1.04
tbIVehicleEF	MCY	0.29	0.29
tbIVehicleEF	MCY	3.0500e-004	3.3200e-004
tbIVehicleEF	MCY	9.6600e-004	1.0770e-003
tbIVehicleEF	MCY	2.5700e-004	2.7800e-004
tbIVehicleEF	MCY	8.0400e-004	8.8700e-004

tblVehicleEF	MCY	1.44	1.44
tblVehicleEF	MCY	0.46	0.47
tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	2.34	2.35
tblVehicleEF	MCY	1.16	1.20
tblVehicleEF	MCY	1.82	1.82
tblVehicleEF	MCY	1.9740e-003	1.9720e-003
tblVehicleEF	MCY	6.1900e-004	6.2300e-004
tblVehicleEF	MCY	1.44	1.44
tblVehicleEF	MCY	0.46	0.47
tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	2.57	2.58
tblVehicleEF	MCY	1.16	1.20
tblVehicleEF	MCY	1.95	1.96
tblVehicleEF	MCY	21.28	21.60
tblVehicleEF	MCY	12.75	12.69
tblVehicleEF	MCY	144.76	144.23
tblVehicleEF	MCY	38.08	38.45
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	1.26	1.26
tblVehicleEF	MCY	0.33	0.33
tblVehicleEF	MCY	3.0500e-004	3.3200e-004
tblVehicleEF	MCY	9.6600e-004	1.0770e-003
tblVehicleEF	MCY	2.5700e-004	2.7800e-004
tblVehicleEF	MCY	8.0400e-004	8.8700e-004
tblVehicleEF	MCY	0.22	0.22
tblVehicleEF	MCY	0.45	0.46
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.51	2.53
tblVehicleEF	MCY	1.63	1.69



tblVehicleEF	MCY	2.56	2.58
tblVehicleEF	MCY	7.0400e-004	7.0800e-004
tblVehicleEF	MCY	0.22	0.22
tblVehicleEF	MCY	0.45	0.46
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.76	2.77
tblVehicleEF	MCY	1.63	1.69
tblVehicleEF	MCY	2.75	2.77
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.99	2.13
tblVehicleEF	MDV	3.01	3.21
tblVehicleEF	MDV	542.97	549.77
tblVehicleEF	MDV	102.68	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.20	0.22
tblVehicleEF	MDV	0.32	0.34
tblVehicleEF	MDV	2.4810e-003	2.4990e-003
tblVehicleEF	MDV	3.5320e-003	3.4510e-003
tblVehicleEF	MDV	2.2980e-003	2.3130e-003
tblVehicleEF	MDV	3.2740e-003	3.1960e-003
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.59	0.60
tblVehicleEF	MDV	0.27	0.29
tblVehicleEF	MDV	6.9090e-003	6.9080e-003
tblVehicleEF	MDV	1.3270e-003	1.3290e-003

tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.59	0.60
tblVehicleEF	MDV	0.29	0.31
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.78	1.91
tblVehicleEF	MDV	5.15	5.49
tblVehicleEF	MDV	510.69	517.14
tblVehicleEF	MDV	102.68	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.25	0.27
tblVehicleEF	MDV	0.38	0.41
tblVehicleEF	MDV	2.4810e-003	2.4990e-003
tblVehicleEF	MDV	3.5320e-003	3.4510e-003
tblVehicleEF	MDV	2.2980e-003	2.3130e-003
tblVehicleEF	MDV	3.2740e-003	3.1960e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.79	0.80
tblVehicleEF	MDV	0.40	0.43
tblVehicleEF	MDV	6.4950e-003	6.4940e-003
tblVehicleEF	MDV	1.3650e-003	1.3690e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.04	0.04

tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.79	0.80
tblVehicleEF	MDV	0.42	0.45
tblVehicleEF	MH	4.9700e-004	0.00
tblVehicleEF	MH	2.14	2.77
tblVehicleEF	MH	5.08	5.59
tblVehicleEF	MH	666.40	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9700e-004	5.0000e-004
tblVehicleEF	MH	1.04	1.12
tblVehicleEF	MH	0.68	0.73
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.4750e-003	8.4760e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	7.1100e-004	9.1100e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.6000e-004	8.3100e-004
tblVehicleEF	MH	1.22	1.36
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.55	0.60
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	1.68	1.86
tblVehicleEF	MH	0.30	0.34
tblVehicleEF	MH	7.3630e-003	7.3760e-003
tblVehicleEF	MH	4.0700e-004	4.2000e-004
tblVehicleEF	MH	1.22	1.36
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.55	0.60
tblVehicleEF	MH	0.11	0.14

tblVehicleEF	MH	1.68	1.86
tblVehicleEF	MH	0.32	0.36
tblVehicleEF	MH	1.98	2.62
tblVehicleEF	MH	9.59	10.58
tblVehicleEF	MH	666.40	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9700e-004	5.0000e-004
tblVehicleEF	MH	1.16	1.25
tblVehicleEF	MH	0.77	0.82
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.4750e-003	8.4760e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	7.1100e-004	9.1100e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.6000e-004	8.3100e-004
tblVehicleEF	MH	0.34	0.37
tblVehicleEF	MH	0.08	0.09
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	1.87	2.07
tblVehicleEF	MH	0.45	0.52
tblVehicleEF	MH	7.3610e-003	7.3730e-003
tblVehicleEF	MH	4.8300e-004	5.0400e-004
tblVehicleEF	MH	0.34	0.37
tblVehicleEF	MH	0.08	0.09
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	0.11	0.13
tblVehicleEF	MH	1.87	2.07
tblVehicleEF	MH	0.48	0.55

tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	7.5460e-003	7.1860e-003
tblVehicleEF	MHD	4.8780e-003	5.2290e-003
tblVehicleEF	MHD	1.46	1.39
tblVehicleEF	MHD	0.65	0.73
tblVehicleEF	MHD	11.62	12.38
tblVehicleEF	MHD	606.43	605.99
tblVehicleEF	MHD	992.55	993.40
tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.90	4.78
tblVehicleEF	MHD	1.27	1.74
tblVehicleEF	MHD	1.58	1.68
tblVehicleEF	MHD	7.6040e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.6970e-003	1.8460e-003
tblVehicleEF	MHD	6.9960e-003	9.2440e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8570e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.5740e-003	1.7130e-003
tblVehicleEF	MHD	4.0240e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.16	0.15
tblVehicleEF	MHD	2.5930e-003	2.6690e-003
tblVehicleEF	MHD	0.12	0.13
tblVehicleEF	MHD	0.47	0.47
tblVehicleEF	MHD	0.77	0.82

tblVehicleEF	MHD	6.4280e-003	6.4240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.5400e-004	7.6700e-004
tblVehicleEF	MHD	4.0240e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.18	0.18
tblVehicleEF	MHD	2.5930e-003	2.6690e-003
tblVehicleEF	MHD	0.14	0.15
tblVehicleEF	MHD	0.47	0.47
tblVehicleEF	MHD	0.82	0.88
tblVehicleEF	MHD	8.6440e-003	8.2320e-003
tblVehicleEF	MHD	4.8780e-003	5.2290e-003
tblVehicleEF	MHD	2.77	2.63
tblVehicleEF	MHD	0.64	0.71
tblVehicleEF	MHD	20.67	22.03
tblVehicleEF	MHD	525.46	525.08
tblVehicleEF	MHD	992.55	993.40
tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.62	4.43
tblVehicleEF	MHD	1.36	1.85
tblVehicleEF	MHD	1.78	1.88
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.6970e-003	1.8460e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8570e-003	2.8550e-003

tbIVehicleEF	MHD	0.03	0.04
tbIVehicleEF	MHD	1.5740e-003	1.7130e-003
tbIVehicleEF	MHD	1.0120e-003	1.0250e-003
tbIVehicleEF	MHD	0.10	0.10
tbIVehicleEF	MHD	0.19	0.18
tbIVehicleEF	MHD	4.9700e-004	4.9200e-004
tbIVehicleEF	MHD	0.12	0.13
tbIVehicleEF	MHD	0.55	0.56
tbIVehicleEF	MHD	1.08	1.16
tbIVehicleEF	MHD	5.5700e-003	5.5660e-003
tbIVehicleEF	MHD	0.01	0.01
tbIVehicleEF	MHD	9.0600e-004	9.2900e-004
tbIVehicleEF	MHD	1.0120e-003	1.0250e-003
tbIVehicleEF	MHD	0.10	0.10
tbIVehicleEF	MHD	0.21	0.20
tbIVehicleEF	MHD	4.9700e-004	4.9200e-004
tbIVehicleEF	MHD	0.14	0.15
tbIVehicleEF	MHD	0.55	0.56
tbIVehicleEF	MHD	1.16	1.23
tbIVehicleEF	OBUS	3.1380e-003	0.00
tbIVehicleEF	OBUS	0.02	0.02
tbIVehicleEF	OBUS	2.8430e-003	2.7600e-003
tbIVehicleEF	OBUS	2.21	1.99
tbIVehicleEF	OBUS	1.11	1.21
tbIVehicleEF	OBUS	7.00	7.36
tbIVehicleEF	OBUS	566.19	566.66
tbIVehicleEF	OBUS	1,012.23	1,011.27
tbIVehicleEF	OBUS	32.73	32.73
tbIVehicleEF	OBUS	3.1380e-003	3.1290e-003
tbIVehicleEF	OBUS	4.00	4.79

tbIVehicleEF	OBUS	1.52	2.09
tbIVehicleEF	OBUS	1.23	1.29
tbIVehicleEF	OBUS	7.6570e-003	8.0480e-003
tbIVehicleEF	OBUS	0.09	0.09
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	5.0000e-004	5.3000e-004
tbIVehicleEF	OBUS	7.0440e-003	7.4040e-003
tbIVehicleEF	OBUS	0.04	0.04
tbIVehicleEF	OBUS	2.5770e-003	2.5720e-003
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	4.6400e-004	4.9100e-004
tbIVehicleEF	OBUS	1.2470e-003	1.2390e-003
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	0.49	0.44
tbIVehicleEF	OBUS	7.5400e-004	7.4800e-004
tbIVehicleEF	OBUS	0.14	0.14
tbIVehicleEF	OBUS	0.27	0.27
tbIVehicleEF	OBUS	0.48	0.50
tbIVehicleEF	OBUS	6.0020e-003	6.0070e-003
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	4.8800e-004	4.9400e-004
tbIVehicleEF	OBUS	1.2470e-003	1.2390e-003
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	0.55	0.50
tbIVehicleEF	OBUS	7.5400e-004	7.4800e-004
tbIVehicleEF	OBUS	0.16	0.17
tbIVehicleEF	OBUS	0.27	0.27
tbIVehicleEF	OBUS	0.51	0.54
tbIVehicleEF	OBUS	0.03	0.02



tbIVehicleEF	OBUS	2.8430e-003	2.7600e-003
tbIVehicleEF	OBUS	4.19	3.78
tbIVehicleEF	OBUS	1.07	1.17
tbIVehicleEF	OBUS	12.49	13.14
tbIVehicleEF	OBUS	490.59	491.00
tbIVehicleEF	OBUS	1,012.23	1,011.27
tbIVehicleEF	OBUS	32.73	32.73
tbIVehicleEF	OBUS	3.1380e-003	3.1290e-003
tbIVehicleEF	OBUS	3.71	4.44
tbIVehicleEF	OBUS	1.64	2.25
tbIVehicleEF	OBUS	1.38	1.45
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	0.09	0.09
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	5.0000e-004	5.3000e-004
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	0.04	0.04
tbIVehicleEF	OBUS	2.5770e-003	2.5720e-003
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	4.6400e-004	4.9100e-004
tbIVehicleEF	OBUS	4.4500e-004	4.3600e-004
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	0.56	0.50
tbIVehicleEF	OBUS	1.6000e-004	1.5600e-004
tbIVehicleEF	OBUS	0.13	0.14
tbIVehicleEF	OBUS	0.31	0.31
tbIVehicleEF	OBUS	0.67	0.71
tbIVehicleEF	OBUS	5.2000e-003	5.2050e-003
tbIVehicleEF	OBUS	0.01	0.01

tblVehicleEF	OBUS	5.8000e-004	5.9200e-004
tblVehicleEF	OBUS	4.4500e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.63	0.57
tblVehicleEF	OBUS	1.6000e-004	1.5600e-004
tblVehicleEF	OBUS	0.16	0.16
tblVehicleEF	OBUS	0.31	0.31
tblVehicleEF	OBUS	0.72	0.76
tblVehicleEF	SBUS	5.2400e-004	0.00
tblVehicleEF	SBUS	4.2850e-003	4.1970e-003
tblVehicleEF	SBUS	4.9120e-003	4.8430e-003
tblVehicleEF	SBUS	0.79	0.76
tblVehicleEF	SBUS	1.43	1.46
tblVehicleEF	SBUS	15.28	15.64
tblVehicleEF	SBUS	583.28	579.49
tblVehicleEF	SBUS	985.84	988.14
tblVehicleEF	SBUS	115.30	115.30
tblVehicleEF	SBUS	5.2400e-004	5.2900e-004
tblVehicleEF	SBUS	7.69	7.82
tblVehicleEF	SBUS	5.69	5.87
tblVehicleEF	SBUS	1.88	1.90
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.1870e-003	1.2320e-003
tblVehicleEF	SBUS	9.7360e-003	0.01
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6460e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04

tblVehicleEF	SBUS	1.1010e-003	1.1430e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.17	0.18
tblVehicleEF	SBUS	0.91	0.91
tblVehicleEF	SBUS	1.13	1.15
tblVehicleEF	SBUS	6.1830e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5540e-003	1.5610e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.20	0.20
tblVehicleEF	SBUS	0.91	0.91
tblVehicleEF	SBUS	1.21	1.23
tblVehicleEF	SBUS	4.9080e-003	4.8080e-003
tblVehicleEF	SBUS	4.9120e-003	4.8430e-003
tblVehicleEF	SBUS	1.50	1.45
tblVehicleEF	SBUS	1.38	1.40
tblVehicleEF	SBUS	21.59	22.10
tblVehicleEF	SBUS	505.40	502.12
tblVehicleEF	SBUS	985.84	988.14
tblVehicleEF	SBUS	115.30	115.30
tblVehicleEF	SBUS	5.2400e-004	5.2900e-004
tblVehicleEF	SBUS	7.12	7.24
tblVehicleEF	SBUS	6.09	6.28
tblVehicleEF	SBUS	2.13	2.15

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.1870e-003	1.2320e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6460e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.1010e-003	1.1430e-003
tblVehicleEF	SBUS	6.8290e-003	6.5920e-003
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	2.4170e-003	2.3080e-003
tblVehicleEF	SBUS	0.17	0.17
tblVehicleEF	SBUS	1.32	1.32
tblVehicleEF	SBUS	1.39	1.41
tblVehicleEF	SBUS	5.3580e-003	5.3230e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6620e-003	1.6700e-003
tblVehicleEF	SBUS	6.8290e-003	6.5920e-003
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	2.4170e-003	2.3080e-003
tblVehicleEF	SBUS	0.20	0.20
tblVehicleEF	SBUS	1.32	1.32
tblVehicleEF	SBUS	1.48	1.51
tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	3.83	3.84
tblVehicleEF	UBUS	3.46	3.47

tbIVehicleEF	UBUS	2,106.40	2,108.15
tbIVehicleEF	UBUS	0.01	0.01
tbIVehicleEF	UBUS	9.52	9.58
tbIVehicleEF	UBUS	0.30	0.30
tbIVehicleEF	UBUS	0.16	0.16
tbIVehicleEF	UBUS	4.5300e-004	4.5400e-004
tbIVehicleEF	UBUS	0.15	0.15
tbIVehicleEF	UBUS	4.2000e-004	4.2100e-004
tbIVehicleEF	UBUS	3.5060e-003	3.5050e-003
tbIVehicleEF	UBUS	0.05	0.05
tbIVehicleEF	UBUS	1.6680e-003	1.6720e-003
tbIVehicleEF	UBUS	0.76	0.76
tbIVehicleEF	UBUS	0.47	0.45
tbIVehicleEF	UBUS	0.24	0.24
tbIVehicleEF	UBUS	0.02	0.02
tbIVehicleEF	UBUS	3.5060e-003	3.5050e-003
tbIVehicleEF	UBUS	0.05	0.05
tbIVehicleEF	UBUS	1.6680e-003	1.6720e-003
tbIVehicleEF	UBUS	0.84	0.84
tbIVehicleEF	UBUS	0.47	0.45
tbIVehicleEF	UBUS	0.26	0.26
tbIVehicleEF	UBUS	3.70	3.72
tbIVehicleEF	UBUS	6.14	6.15
tbIVehicleEF	UBUS	2,106.40	2,108.15
tbIVehicleEF	UBUS	0.01	0.01
tbIVehicleEF	UBUS	10.13	10.19
tbIVehicleEF	UBUS	0.34	0.34
tbIVehicleEF	UBUS	0.16	0.16
tbIVehicleEF	UBUS	4.5300e-004	4.5400e-004
tbIVehicleEF	UBUS	0.15	0.15

tblVehicleEF	UBUS	4.2000e-004	4.2100e-004
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	0.73	0.73
tblVehicleEF	UBUS	0.62	0.60
tblVehicleEF	UBUS	0.37	0.36
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	0.80	0.80
tblVehicleEF	UBUS	0.62	0.60
tblVehicleEF	UBUS	0.39	0.39
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.96
tblVehicleTrips	CC_TL	7.30	13.40
tblVehicleTrips	CC_TL	7.30	1.14
tblVehicleTrips	CC_TL	7.30	2.55
tblVehicleTrips	CC_TL	7.30	1.09
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.96
tblVehicleTrips	CNW_TL	7.30	13.40
tblVehicleTrips	CNW_TL	7.30	1.14
tblVehicleTrips	CNW_TL	7.30	2.55
tblVehicleTrips	CNW_TL	7.30	1.09
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.96
tblVehicleTrips	CW_TL	9.50	13.40
tblVehicleTrips	CW_TL	9.50	1.14
tblVehicleTrips	CW_TL	9.50	2.55

tblVehicleTrips	CW_TL	9.50	1.09
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	5.40	4.72
tblVehicleTrips	HS_TL	4.30	4.72
tblVehicleTrips	HW_TL	12.40	4.72
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	51.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	1.71
tblVehicleTrips	ST_TR	1.59	2.93
tblVehicleTrips	ST_TR	696.00	80.59
tblVehicleTrips	ST_TR	2.37	3.05
tblVehicleTrips	ST_TR	158.37	28.90

tblVehicleTrips	ST_TR	1.49	0.47
tblVehicleTrips	ST_TR	42.04	20.16
tblVehicleTrips	SU_TR	6.07	1.71
tblVehicleTrips	SU_TR	1.59	2.93
tblVehicleTrips	SU_TR	500.00	80.59
tblVehicleTrips	SU_TR	0.98	3.05
tblVehicleTrips	SU_TR	131.84	28.90
tblVehicleTrips	SU_TR	0.62	0.47
tblVehicleTrips	SU_TR	20.43	20.16
tblVehicleTrips	WD_TR	6.59	1.71
tblVehicleTrips	WD_TR	1.59	2.93
tblVehicleTrips	WD_TR	716.00	80.59
tblVehicleTrips	WD_TR	11.01	3.05
tblVehicleTrips	WD_TR	127.15	28.90
tblVehicleTrips	WD_TR	3.82	0.47
tblVehicleTrips	WD_TR	44.32	20.16
tblWoodstoves	NumberCatalytic	1.20	0.00
tblWoodstoves	NumberNoncatalytic	1.20	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					
2016	0.0660	0.7171	0.6243	6.7000e-004	0.2802	0.0302	0.3103	0.1514	0.0278	0.1792	0.0000	61.5379	61.5379	0.0117	0.0000	61.7841



<b>Total</b>	<b>0.0660</b>	<b>0.7171</b>	<b>0.6243</b>	<b>6.7000e-004</b>	<b>0.2802</b>	<b>0.0302</b>	<b>0.3103</b>	<b>0.1514</b>	<b>0.0278</b>	<b>0.1792</b>	<b>0.0000</b>	<b>61.5379</b>	<b>61.5379</b>	<b>0.0117</b>	<b>0.0000</b>	<b>61.7841</b>
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**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					
2016	0.0660	0.7171	0.6243	6.7000e-004	0.1311	0.0302	0.1613	0.0695	0.0278	0.0973	0.0000	61.5379	61.5379	0.0117	0.0000	61.7840
<b>Total</b>	<b>0.0660</b>	<b>0.7171</b>	<b>0.6243</b>	<b>6.7000e-004</b>	<b>0.1311</b>	<b>0.0302</b>	<b>0.1613</b>	<b>0.0695</b>	<b>0.0278</b>	<b>0.0973</b>	<b>0.0000</b>	<b>61.5379</b>	<b>61.5379</b>	<b>0.0117</b>	<b>0.0000</b>	<b>61.7840</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>53.20</b>	<b>0.00</b>	<b>48.03</b>	<b>54.10</b>	<b>0.00</b>	<b>45.72</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**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	0.5602	0.0207	1.7922	9.0000e-005		0.0100	0.0100		0.0100	0.0100	0.0000	5.2233	5.2233	2.9200e-003	4.0000e-005	5.2977
Energy	0.0413	0.3750	0.3128	2.2500e-003		0.0285	0.0285		0.0285	0.0285	0.0000	3,742.2839	3,742.2839	0.1586	0.0387	3,757.6043
Mobile	1.4293	1.3368	13.7227	0.0485	1.9724	0.0326	2.0049	0.5592	0.0302	0.5894	0.0000	3,105.4292	3,105.4292	0.1399	0.0000	3,108.3670

Waste						0.0000	0.0000		0.0000	0.0000	220.2959	0.0000	220.2959	13.0191	0.0000	493.6974
Water						0.0000	0.0000		0.0000	0.0000	41.2360	280.2072	321.4432	4.2480	0.1026	442.4656
<b>Total</b>	<b>2.0308</b>	<b>1.7325</b>	<b>15.8276</b>	<b>0.0508</b>	<b>1.9724</b>	<b>0.0711</b>	<b>2.0434</b>	<b>0.5592</b>	<b>0.0687</b>	<b>0.6280</b>	<b>261.5319</b>	<b>7,133.1436</b>	<b>7,394.6755</b>	<b>17.5685</b>	<b>0.1414</b>	<b>7,807.4320</b>

**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	0.1003	0.0207	1.7922	9.0000e-005		0.0100	0.0100		0.0100	0.0100	0.0000	5.2233	5.2233	2.9200e-003	4.0000e-005	5.2977
Energy	0.0413	0.3750	0.3128	2.2500e-003		0.0285	0.0285		0.0285	0.0285	0.0000	3,742.2839	3,742.2839	0.1586	0.0387	3,757.6043
Mobile	1.4293	1.3368	13.7227	0.0485	1.9724	0.0326	2.0049	0.5592	0.0302	0.5894	0.0000	3,105.4292	3,105.4292	0.1399	0.0000	3,108.3670
Waste						0.0000	0.0000		0.0000	0.0000	220.2959	0.0000	220.2959	13.0191	0.0000	493.6974
Water						0.0000	0.0000		0.0000	0.0000	41.2360	280.2072	321.4432	4.2472	0.1025	442.3998
<b>Total</b>	<b>1.5709</b>	<b>1.7325</b>	<b>15.8276</b>	<b>0.0508</b>	<b>1.9724</b>	<b>0.0711</b>	<b>2.0434</b>	<b>0.5592</b>	<b>0.0687</b>	<b>0.6280</b>	<b>261.5319</b>	<b>7,133.1436</b>	<b>7,394.6755</b>	<b>17.5677</b>	<b>0.1412</b>	<b>7,807.3662</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>22.65</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.11</b>	<b>0.00</b>

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	AREA 1 - Infrastructure	Site Preparation	1/1/2016	2/11/2016	5	30	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
AREA 1 - Infrastructure	Rubber Tired Dozers	3	8.00	255	0.40

**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
AREA 1 - Infrastructure	3	18.00	0.00	620.00	20.40	16.00	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

**3.2 AREA 1 - Infrastructure - 2016**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.0557	0.6242	0.4718	4.0000e-004		0.0290	0.0290		0.0267	0.0267	0.0000	37.6976	37.6976	0.0114	0.0000	37.9363

<b>Total</b>	<b>0.0557</b>	<b>0.6242</b>	<b>0.4718</b>	<b>4.0000e-004</b>	<b>0.2710</b>	<b>0.0290</b>	<b>0.3000</b>	<b>0.1490</b>	<b>0.0267</b>	<b>0.1757</b>	<b>0.0000</b>	<b>37.6976</b>	<b>37.6976</b>	<b>0.0114</b>	<b>0.0000</b>	<b>37.9363</b>
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**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	9.0800e-003	0.0908	0.1318	2.2000e-004	5.1500e-003	1.0900e-003	6.2400e-003	1.4100e-003	1.0000e-003	2.4100e-003	0.0000	19.8619	19.8619	1.4000e-004	0.0000	19.8649
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	1.1800e-003	2.1000e-003	0.0207	5.0000e-005	4.0300e-003	4.0000e-005	4.0600e-003	1.0700e-003	3.0000e-005	1.1000e-003	0.0000	3.9785	3.9785	2.1000e-004	0.0000	3.9828
<b>Total</b>	<b>0.0103</b>	<b>0.0929</b>	<b>0.1525</b>	<b>2.7000e-004</b>	<b>9.1800e-003</b>	<b>1.1300e-003</b>	<b>0.0103</b>	<b>2.4800e-003</b>	<b>1.0300e-003</b>	<b>3.5100e-003</b>	<b>0.0000</b>	<b>23.8404</b>	<b>23.8404</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>23.8477</b>

**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					0.1220	0.0000	0.1220	0.0670	0.0000	0.0670	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0557	0.6242	0.4718	4.0000e-004		0.0290	0.0290		0.0267	0.0267	0.0000	37.6975	37.6975	0.0114	0.0000	37.9363
<b>Total</b>	<b>0.0557</b>	<b>0.6242</b>	<b>0.4718</b>	<b>4.0000e-004</b>	<b>0.1220</b>	<b>0.0290</b>	<b>0.1510</b>	<b>0.0670</b>	<b>0.0267</b>	<b>0.0938</b>	<b>0.0000</b>	<b>37.6975</b>	<b>37.6975</b>	<b>0.0114</b>	<b>0.0000</b>	<b>37.9363</b>

**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	9.0800e-003	0.0908	0.1318	2.2000e-004	5.1500e-003	1.0900e-003	6.2400e-003	1.4100e-003	1.0000e-003	2.4100e-003	0.0000	19.8619	19.8619	1.4000e-004	0.0000	19.8649
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	1.1800e-003	2.1000e-003	0.0207	5.0000e-005	4.0300e-003	4.0000e-005	4.0600e-003	1.0700e-003	3.0000e-005	1.1000e-003	0.0000	3.9785	3.9785	2.1000e-004	0.0000	3.9828
<b>Total</b>	<b>0.0103</b>	<b>0.0929</b>	<b>0.1525</b>	<b>2.7000e-004</b>	<b>9.1800e-003</b>	<b>1.1300e-003</b>	<b>0.0103</b>	<b>2.4800e-003</b>	<b>1.0300e-003</b>	<b>3.5100e-003</b>	<b>0.0000</b>	<b>23.8404</b>	<b>23.8404</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>23.8477</b>

#### 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	1.4293	1.3368	13.7227	0.0485	1.9724	0.0326	2.0049	0.5592	0.0302	0.5894	0.0000	3,105.4292	3,105.4292	0.1399	0.0000	3,108.3670
Unmitigated	1.4293	1.3368	13.7227	0.0485	1.9724	0.0326	2.0049	0.5592	0.0302	0.5894	0.0000	3,105.4292	3,105.4292	0.1399	0.0000	3,108.3670

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	409.81	409.81	409.81	703,408	703,408
City Park	0.00	0.00	0.00		

City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	824.43	824.43	824.43	287,745	287,745
General Office Building	1,730.13	1,730.13	1730.13	8,441,431	8,441,431
High Turnover (Sit Down Restaurant)	689.60	689.60	689.60	286,105	286,105
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Strip Mall	883.98	883.98	883.98	350,726	350,726
Strip Mall	0.00	0.00	0.00		
<b>Total</b>	<b>4,537.95</b>	<b>4,537.95</b>	<b>4,537.95</b>	<b>10,069,415</b>	<b>10,069,415</b>

### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	4.72	4.72	4.72	26.10	29.10	44.80	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive	0.96	0.96	0.96	1.50	79.50	19.00	100	0	0
General Office Building	13.40	13.40	13.40	33.00	48.00	19.00	100	0	0
High Turnover (Sit Down	1.14	1.14	1.14	8.50	72.50	19.00	100	0	0
High Turnover (Sit Down	1.14	1.14	1.14	8.50	72.50	19.00	100	0	0
Manufacturing	2.55	2.55	2.55	59.00	28.00	13.00	100	0	0
Strip Mall	1.09	1.09	1.09	16.60	64.40	19.00	100	0	0
Strip Mall	1.09	1.09	1.09	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.689839	0.063945	0.161776	0.084440	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

### 5.0 Energy Detail

#### 4.4 Fleet Mix

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	3,333.6652	3,333.6652	0.1507	0.0312	3,346.4988
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3,333.6652	3,333.6652	0.1507	0.0312	3,346.4988
NaturalGas Mitigated	0.0413	0.3750	0.3128	2.2500e-003		0.0285	0.0285		0.0285	0.0285	0.0000	408.6187	408.6187	7.8300e-003	7.4900e-003	411.1055
NaturalGas Unmitigated	0.0413	0.3750	0.3128	2.2500e-003		0.0285	0.0285		0.0285	0.0285	0.0000	408.6187	408.6187	7.8300e-003	7.4900e-003	411.1055

## 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					
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive Thru	2.84986e+006	0.0154	0.1397	0.1174	8.4000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	152.0792	152.0792	2.9100e-003	2.7900e-003	153.0047
General Office Building	691986	3.7300e-003	0.0339	0.0285	2.0000e-004		2.5800e-003	2.5800e-003		2.5800e-003	2.5800e-003	0.0000	36.9270	36.9270	7.1000e-004	6.8000e-004	37.1518
High Turnover (Sit Down Restaurant)	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
High Turnover (Sit Down Restaurant)	3.6889e+006	0.0199	0.1808	0.1519	1.0800e-003		0.0137	0.0137		0.0137	0.0137	0.0000	196.8536	196.8536	3.7700e-003	3.6100e-003	198.0516

Manufacturing	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	0.0000	0.0000
Strip Mall	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	0.0000	0.0000
Strip Mall	311766	1.6800e-003	0.0153	0.0128	9.0000e-005	1.1600e-003	1.1600e-003	1.1600e-003	1.1600e-003	0.0000	16.6370	16.6370	3.2000e-004	3.1000e-004	16.7383		
Apartments High Rise	114720	6.2000e-004	5.2900e-003	2.2500e-003	3.0000e-005	4.3000e-004	4.3000e-004	4.3000e-004	4.3000e-004	0.0000	6.1219	6.1219	1.2000e-004	1.1000e-004	6.1592		
<b>Total</b>		<b>0.0413</b>	<b>0.3750</b>	<b>0.3128</b>	<b>2.2400e-003</b>	<b>0.0285</b>	<b>0.0285</b>	<b>0.0285</b>	<b>0.0285</b>	<b>0.0000</b>	<b>408.6187</b>	<b>408.6187</b>	<b>7.8300e-003</b>	<b>7.5000e-003</b>	<b>411.1055</b>		

**Mitigated**

	Natural Gas 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					
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive Thru	2.84986e+006	0.0154	0.1397	0.1174	8.4000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	152.0792	152.0792	2.9100e-003	2.7900e-003	153.0047
General Office Building	691986	3.7300e-003	0.0339	0.0285	2.0000e-004		2.5800e-003	2.5800e-003		2.5800e-003	2.5800e-003	0.0000	36.9270	36.9270	7.1000e-004	6.8000e-004	37.1518
High Turnover (Sit Down Restaurant)	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
High Turnover (Sit Down Restaurant)	3.6889e+006	0.0199	0.1808	0.1519	1.0800e-003		0.0137	0.0137		0.0137	0.0137	0.0000	196.8536	196.8536	3.7700e-003	3.6100e-003	198.0516
Manufacturing	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	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	311766	1.6800e-003	0.0153	0.0128	9.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	16.6370	16.6370	3.2000e-004	3.1000e-004	16.7383
Apartments High Rise	114720	6.2000e-004	5.2900e-003	2.2500e-003	3.0000e-005		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	6.1219	6.1219	1.2000e-004	1.1000e-004	6.1592
<b>Total</b>		<b>0.0413</b>	<b>0.3750</b>	<b>0.3128</b>	<b>2.2400e-003</b>		<b>0.0285</b>	<b>0.0285</b>		<b>0.0285</b>	<b>0.0285</b>	<b>0.0000</b>	<b>408.6187</b>	<b>408.6187</b>	<b>7.8300e-003</b>	<b>7.5000e-003</b>	<b>411.1055</b>



### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.19798e+006	639.4184	0.0289	5.9800e-003	641.8799
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	3.28194e+006	954.7544	0.0432	8.9300e-003	958.4300
Fast Food Restaurant w/o Drive Thru	493453	143.5511	6.4900e-003	1.3400e-003	144.1037
General Office Building	4.21431e+006	1,225.9914	0.0554	0.0115	1,230.7110
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	837149	243.5363	0.0110	2.2800e-003	244.4738
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	434544	126.4137	5.7200e-003	1.1800e-003	126.9004
<b>Total</b>		<b>3,333.6652</b>	<b>0.1507</b>	<b>0.0312</b>	<b>3,346.4988</b>

#### Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.19798e+006	639.4184	0.0289	5.9800e-003	641.8799
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	3.28194e+006	954.7544	0.0432	8.9300e-003	958.4300
Fast Food Restaurant w/o Drive Thru	493453	143.5511	6.4900e-003	1.3400e-003	144.1037
General Office Building	4.21431e+006	1,225.9914	0.0554	0.0115	1,230.7110
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	837149	243.5363	0.0110	2.2800e-003	244.4738
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	434544	126.4137	5.7200e-003	1.1800e-003	126.9004
<b>Total</b>		<b>3,333.6652</b>	<b>0.1507</b>	<b>0.0312</b>	<b>3,346.4988</b>

## 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
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Category	tons/yr										MT/yr					
	Mitigated	0.1003	0.0207	1.7922	9.0000e-005		0.0100	0.0100		0.0100	0.0100	0.0000	5.2233	5.2233	2.9200e-003	4.0000e-005
Unmitigated	0.5602	0.0207	1.7922	9.0000e-005		0.0100	0.0100		0.0100	0.0100	0.0000	5.2233	5.2233	2.9200e-003	4.0000e-005	5.2977

## 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	0.5048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.3000e-004	0.0000	1.0000e-005	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2980	2.2980	4.0000e-005	4.0000e-005	2.3120
Landscaping	0.0552	0.0207	1.7921	9.0000e-005		9.8500e-003	9.8500e-003		9.8500e-003	9.8500e-003	0.0000	2.9253	2.9253	2.8800e-003	0.0000	2.9857
<b>Total</b>	<b>0.5602</b>	<b>0.0207</b>	<b>1.7921</b>	<b>9.0000e-005</b>		<b>0.0100</b>	<b>0.0100</b>		<b>0.0100</b>	<b>0.0100</b>	<b>0.0000</b>	<b>5.2233</b>	<b>5.2233</b>	<b>2.9200e-003</b>	<b>4.0000e-005</b>	<b>5.2977</b>

### 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	0.0449					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.3000e-004	0.0000	1.0000e-005	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2980	2.2980	4.0000e-005	4.0000e-005	2.3120
Landscaping	0.0552	0.0207	1.7921	9.0000e-005		9.8500e-003	9.8500e-003		9.8500e-003	9.8500e-003	0.0000	2.9253	2.9253	2.8800e-003	0.0000	2.9857

Total	0.1003	0.0207	1.7921	9.0000e-005		0.0100	0.0100		0.0100	0.0100	0.0000	5.2233	5.2233	2.9200e-003	4.0000e-005	5.2977
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## 7.0 Water Detail

### 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	321.4432	4.2472	0.1025	442.3998
Unmitigated	321.4432	4.2480	0.1026	442.4656

### 7.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	15.5718 / 9.81701	39.4477	0.5090	0.0123	53.9503
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	3.10515 / 0.198201	6.0748	0.1014	2.4400e-003	8.9598
General Office Building	100.811 / 61.7871	253.5817	3.2949	0.0796	347.4629
High Turnover (Sit Down Restaurant)	7.24231 / 0.462275	14.1686	0.2365	5.6800e-003	20.8975

Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.24808 / 1.99076	8.1703	0.1062	2.5700e- 003	11.1951
<b>Total</b>		<b>321.4432</b>	<b>4.2480</b>	<b>0.1026</b>	<b>442.4656</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	15.5718 / 9.81701	39.4477	0.5089	0.0123	53.9424
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	3.10515 / 0.198201	6.0748	0.1014	2.4300e- 003	8.9583
General Office Building	100.811 / 61.7871	253.5817	3.2943	0.0795	347.4118
High Turnover (Sit Down Restaurant)	7.24231 / 0.462275	14.1686	0.2365	5.6700e- 003	20.8939
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.24808 / 1.99076	8.1703	0.1061	2.5600e- 003	11.1935
<b>Total</b>		<b>321.4432</b>	<b>4.2472</b>	<b>0.1025</b>	<b>442.3998</b>

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Unmitigated	220.2959	13.0191	0.0000	493.6974
Mitigated	220.2959	13.0191	0.0000	493.6974

## 8.2 Waste by Land Use

### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	109.94	22.3168	1.3189	0.0000	50.0135
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	527.5	107.0777	6.3281	0.0000	239.9681
High Turnover (Sit Down Restaurant)	283.93	57.6352	3.4061	0.0000	129.1643
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	46.04	9.3457	0.5523	0.0000	20.9443
<b>Total</b>		<b>220.2959</b>	<b>13.0191</b>	<b>0.0000</b>	<b>493.6974</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	109.94	22.3168	1.3189	0.0000	50.0135
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	527.5	107.0777	6.3281	0.0000	239.9681
High Turnover (Sit Down Restaurant)	283.93	57.6352	3.4061	0.0000	129.1643
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	46.04	9.3457	0.5523	0.0000	20.9443
<b>Total</b>		<b>220.2959</b>	<b>13.0191</b>	<b>0.0000</b>	<b>493.6974</b>

**9.0 Operational Offroad**

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

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d. Area 2 | **Assumption B**

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**Mission Rock - Operational Area 2**  
**San Francisco County, Annual**

## 1.0 Project Characteristics

### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	567.20	1000sqft	13.02	567,202.00	0
Manufacturing	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	837.23	1000sqft	19.22	837,230.00	0
Enclosed Parking with Elevator	0.00		0.00		0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	0.00	0
Fast Food Restaurant w/o Drive Thru	10.23	1000sqft	2.16	10,227.00	0
High Turnover (Sit Down Restaurant)	23.86	1000sqft	2.16	23,864.00	0
High Turnover (Sit Down Restaurant)	0.00	1000sqft	0.00	0.00	0
Apartments High Rise	239.00	Dwelling Unit	3.85	238,828.00	684
Strip Mall	43.85	1000sqft	1.01	43,849.00	0
Strip Mall	0.00	1000sqft	0.00	0.00	0

### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2021
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - May need to change operational date from 2020; plus there are multiple phases of operation coming online at different times

Land Use - Acreages will have to be updated as well, I had no acreage info to go on.

Construction Phase - Schedule specified by the applicant. Start date currently set for 4/3/17. All phases trickle down from this date, based on phase durations from applicant

Off-road Equipment - No equipment. Phase is just for fugitive emissions.

Off-road Equipment - Provided by applicant. Dump truck calculated outside of CalEEMod

Trips and VMT - All trips (and trip lengths) are one-way (times 2 for round trips). # of workers was doubled to calculate one-way worker trips. Hauling trips from applicant are already one-way trips. These are total trips including worker and material hauling

On-road Fugitive Dust - No changes

Demolition - No extra demo trips

Grading - From applicant. The applicant showed material movement in the foundations phase; since CalEEMod doesn't allow entry for bldg construction phase, this material was included in the demo phase

Architectural Coating - For Study Scenario A, based on CalEEMod defaults and land use data (since no land use data was entered into this model run).

Vehicle Trips - Trip rate and trip percentage values from TIA (June 2016). Trip lengths for High Com (Scen A) from F&P: 3.5 for res, 9.5 for office, 1.0 for retail, 2.0 for Dist 10

Vehicle Emission Factors - Trucks modeled outside of CalEEMod. Only includes light duty vehicles scaled up from default values

Woodstoves - From 151201\_Mission Rock AQ Modeling Assumptions Rev3\_P+Ws\_clean.docx. No woodstoves. 20% gas fireplaces

Consumer Products - Removed consumer product emissions to model outside CalEEMod (to remove sqft from non-consumer land uses)

Energy Use - Assumed each dwelling unit equals 1,000 sq ft

Construction Off-road Equipment Mitigation - Based on BAAQMD MMs

Area Mitigation - Per Brian Schuster's direction

Area Coating - From Off-Model sheet, ArchCoatings tab

Road Dust - For paved roads, composite silt loading calculated from Miscellaneous Process Methodology 7.9 - Entrained Road Travel, Paved Road Dust tables 9 (road fractions) and 9 (silt loading factors)

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	741186	322821
tblAreaCoating	Area_Nonresidential_Interior	2223558	968463
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.63	0.00
tblEnergyUse	LightingElect	6.01	0.00

tblEnergyUse	LightingElect	4.07	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	3.43	0.00
tblEnergyUse	LightingElect	5.51	0.00
tblEnergyUse	NT24E	2,561.86	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24NG	1,662.00	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	6.90	0.00
tblEnergyUse	NT24NG	0.70	0.00
tblEnergyUse	T24E	312.05	9,196.58
tblEnergyUse	T24E	3.26	48.25
tblEnergyUse	T24E	5.01	7.43
tblEnergyUse	T24E	3.26	35.08
tblEnergyUse	T24E	2.74	9.91
tblEnergyUse	T24NG	7,191.67	480.00
tblEnergyUse	T24NG	41.99	278.66
tblEnergyUse	T24NG	19.28	1.22
tblEnergyUse	T24NG	41.99	154.58
tblEnergyUse	T24NG	4.10	7.11
tblFireplaces	NumberGas	131.45	47.80
tblFireplaces	NumberNoFireplace	74.09	191.20
tblFireplaces	NumberWood	33.46	0.00

tblLandUse	LandUseSquareFeet	567,200.00	567,202.00
tblLandUse	LandUseSquareFeet	10,230.00	10,227.00
tblLandUse	LandUseSquareFeet	23,860.00	23,864.00
tblLandUse	LandUseSquareFeet	239,000.00	238,828.00
tblLandUse	LandUseSquareFeet	43,850.00	43,849.00
tblLandUse	LotAcreage	0.23	2.16
tblLandUse	LotAcreage	0.55	2.16
tblProjectCharacteristics	OperationalYear	2014	2021
tblRoadDust	RoadSiltLoading	0.1	0.042976
tblTripsAndVMT	HaulingTripNumber	0.00	620.00
tblTripsAndVMT	VendorTripLength	7.30	16.00
tblTripsAndVMT	WorkerTripLength	12.40	20.40
tblTripsAndVMT	WorkerTripNumber	8.00	18.00
tblVehicleEF	HHD	4.0860e-003	0.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.01	9.9070e-003
tblVehicleEF	HHD	2.40	2.29
tblVehicleEF	HHD	3.76	3.96
tblVehicleEF	HHD	45.03	47.11
tblVehicleEF	HHD	559.37	559.68
tblVehicleEF	HHD	1,462.80	1,457.70
tblVehicleEF	HHD	49.32	50.48
tblVehicleEF	HHD	4.0860e-003	4.0430e-003
tblVehicleEF	HHD	3.75	4.10
tblVehicleEF	HHD	3.20	3.83
tblVehicleEF	HHD	3.66	3.76
tblVehicleEF	HHD	8.4180e-003	8.6950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07

tblVehicleEF	HHD	1.1590e-003	1.6010e-003
tblVehicleEF	HHD	7.7440e-003	8.0000e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.1300e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	1.0750e-003	1.4180e-003
tblVehicleEF	HHD	2.7960e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.55	0.53
tblVehicleEF	HHD	2.1640e-003	2.3420e-003
tblVehicleEF	HHD	0.27	0.27
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.45	1.59
tblVehicleEF	HHD	5.9300e-003	5.9330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2990e-003	1.3490e-003
tblVehicleEF	HHD	2.7960e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.63	0.60
tblVehicleEF	HHD	2.1640e-003	2.3420e-003
tblVehicleEF	HHD	0.31	0.31
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.55	1.70
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	9.9070e-003
tblVehicleEF	HHD	4.55	4.35
tblVehicleEF	HHD	3.60	3.80
tblVehicleEF	HHD	83.41	86.21
tblVehicleEF	HHD	484.68	484.95
tblVehicleEF	HHD	1,462.80	1,457.70

tblVehicleEF	HHD	49.32	50.48
tblVehicleEF	HHD	4.0860e-003	4.0430e-003
tblVehicleEF	HHD	3.47	3.80
tblVehicleEF	HHD	3.44	4.11
tblVehicleEF	HHD	4.11	4.23
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.1590e-003	1.6010e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.1300e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	1.0750e-003	1.4180e-003
tblVehicleEF	HHD	7.1800e-004	7.5600e-004
tblVehicleEF	HHD	0.08	0.10
tblVehicleEF	HHD	0.63	0.61
tblVehicleEF	HHD	3.7600e-004	3.8500e-004
tblVehicleEF	HHD	0.27	0.27
tblVehicleEF	HHD	0.51	0.55
tblVehicleEF	HHD	2.24	2.48
tblVehicleEF	HHD	5.1380e-003	5.1410e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.9260e-003	1.9910e-003
tblVehicleEF	HHD	7.1800e-004	7.5600e-004
tblVehicleEF	HHD	0.08	0.10
tblVehicleEF	HHD	0.72	0.69
tblVehicleEF	HHD	3.7600e-004	3.8500e-004
tblVehicleEF	HHD	0.31	0.31



tblVehicleEF	HHD	0.51	0.55
tblVehicleEF	HHD	2.39	2.65
tblVehicleEF	LDA	0.63	0.69
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	5.5770e-003	6.1340e-003
tblVehicleEF	LDA	0.83	0.88
tblVehicleEF	LDA	1.01	1.10
tblVehicleEF	LDA	268.39	274.05
tblVehicleEF	LDA	51.22	52.36
tblVehicleEF	LDA	0.63	0.63
tblVehicleEF	LDA	0.06	0.07
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	2.2580e-003	2.2290e-003
tblVehicleEF	LDA	3.6380e-003	3.4520e-003
tblVehicleEF	LDA	2.0940e-003	2.0660e-003
tblVehicleEF	LDA	3.3740e-003	3.2020e-003
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.20	0.21
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	7.5300e-004	7.5400e-004
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.20	0.21
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.01	0.01

tblVehicleEF	LDA	5.5770e-003	6.1340e-003
tblVehicleEF	LDA	0.73	0.77
tblVehicleEF	LDA	1.75	1.89
tblVehicleEF	LDA	251.78	257.10
tblVehicleEF	LDA	51.22	52.36
tblVehicleEF	LDA	0.63	0.63
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	2.2580e-003	2.2290e-003
tblVehicleEF	LDA	3.6380e-003	3.4520e-003
tblVehicleEF	LDA	2.0940e-003	2.0660e-003
tblVehicleEF	LDA	3.3740e-003	3.2020e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.26	0.27
tblVehicleEF	LDA	0.11	0.12
tblVehicleEF	LDA	7.6600e-004	7.6800e-004
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.26	0.27
tblVehicleEF	LDA	0.12	0.13
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.79	1.91
tblVehicleEF	LDT1	2.39	2.58

tblVehicleEF	LDT1	331.17	336.72
tblVehicleEF	LDT1	62.98	63.99
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.14	0.16
tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	3.4400e-003	3.5450e-003
tblVehicleEF	LDT1	4.3150e-003	4.2950e-003
tblVehicleEF	LDT1	3.1910e-003	3.2870e-003
tblVehicleEF	LDT1	4.0030e-003	3.9840e-003
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.26	0.27
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.79	0.83
tblVehicleEF	LDT1	0.19	0.21
tblVehicleEF	LDT1	4.6010e-003	4.5990e-003
tblVehicleEF	LDT1	8.8900e-004	8.9000e-004
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.26	0.27
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.79	0.83
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.61	1.72
tblVehicleEF	LDT1	4.09	4.41
tblVehicleEF	LDT1	311.74	316.99
tblVehicleEF	LDT1	62.98	63.99
tblVehicleEF	LDT1	0.06	0.06

tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.20	0.22
tblVehicleEF	LDT1	3.4400e-003	3.5450e-003
tblVehicleEF	LDT1	4.3150e-003	4.2950e-003
tblVehicleEF	LDT1	3.1910e-003	3.2870e-003
tblVehicleEF	LDT1	4.0030e-003	3.9840e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	1.10	1.15
tblVehicleEF	LDT1	0.28	0.31
tblVehicleEF	LDT1	4.3270e-003	4.3260e-003
tblVehicleEF	LDT1	9.1800e-004	9.2200e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	1.10	1.15
tblVehicleEF	LDT1	0.30	0.33
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9940e-003	8.8110e-003
tblVehicleEF	LDT2	1.11	1.19
tblVehicleEF	LDT2	1.45	1.59
tblVehicleEF	LDT2	404.28	410.37
tblVehicleEF	LDT2	76.58	77.73
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.10	0.11
tblVehicleEF	LDT2	0.15	0.17

tblVehicleEF	LDT2	2.1680e-003	2.1340e-003
tblVehicleEF	LDT2	3.4970e-003	3.3120e-003
tblVehicleEF	LDT2	2.0110e-003	1.9800e-003
tblVehicleEF	LDT2	3.2440e-003	3.0720e-003
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.38	0.40
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	5.4150e-003	5.4160e-003
tblVehicleEF	LDT2	1.0300e-003	1.0310e-003
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.38	0.40
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9940e-003	8.8110e-003
tblVehicleEF	LDT2	0.98	1.05
tblVehicleEF	LDT2	2.49	2.73
tblVehicleEF	LDT2	379.91	385.64
tblVehicleEF	LDT2	76.58	77.73
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.18	0.20
tblVehicleEF	LDT2	2.1680e-003	2.1340e-003
tblVehicleEF	LDT2	3.4970e-003	3.3120e-003
tblVehicleEF	LDT2	2.0110e-003	1.9800e-003

tblVehicleEF	LDT2	3.2440e-003	3.0720e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.52	0.54
tblVehicleEF	LDT2	0.16	0.18
tblVehicleEF	LDT2	5.0860e-003	5.0870e-003
tblVehicleEF	LDT2	1.0480e-003	1.0510e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.14	0.14
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.52	0.54
tblVehicleEF	LDT2	0.17	0.19
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	1.3200e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.27	1.38
tblVehicleEF	LHD1	3.16	3.28
tblVehicleEF	LHD1	801.15	801.15
tblVehicleEF	LHD1	44.53	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.70	0.75
tblVehicleEF	LHD1	1.32	1.35
tblVehicleEF	LHD1	3.5500e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04

tblVehicleEF	LHD1	8.7270e-003	8.7280e-003
tblVehicleEF	LHD1	8.7390e-003	9.2190e-003
tblVehicleEF	LHD1	8.7300e-004	9.3800e-004
tblVehicleEF	LHD1	3.2700e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.0510e-003	8.4930e-003
tblVehicleEF	LHD1	8.1000e-004	8.7000e-004
tblVehicleEF	LHD1	3.8750e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.6110e-003	2.6220e-003
tblVehicleEF	LHD1	0.11	0.12
tblVehicleEF	LHD1	0.50	0.50
tblVehicleEF	LHD1	0.32	0.34
tblVehicleEF	LHD1	8.8640e-003	8.8660e-003
tblVehicleEF	LHD1	5.5400e-004	5.5500e-004
tblVehicleEF	LHD1	3.8750e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.6110e-003	2.6220e-003
tblVehicleEF	LHD1	0.13	0.14
tblVehicleEF	LHD1	0.50	0.50
tblVehicleEF	LHD1	0.34	0.36
tblVehicleEF	LHD1	1.3200e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.21	1.32
tblVehicleEF	LHD1	5.59	5.82
tblVehicleEF	LHD1	801.15	801.15

tblVehicleEF	LHD1	44.53	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.77	0.83
tblVehicleEF	LHD1	1.48	1.51
tblVehicleEF	LHD1	3.5500e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7270e-003	8.7280e-003
tblVehicleEF	LHD1	8.7390e-003	9.2190e-003
tblVehicleEF	LHD1	8.7300e-004	9.3800e-004
tblVehicleEF	LHD1	3.2700e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.0510e-003	8.4930e-003
tblVehicleEF	LHD1	8.1000e-004	8.7000e-004
tblVehicleEF	LHD1	1.1530e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.2400e-004	6.1400e-004
tblVehicleEF	LHD1	0.10	0.11
tblVehicleEF	LHD1	0.59	0.59
tblVehicleEF	LHD1	0.45	0.47
tblVehicleEF	LHD1	8.8630e-003	8.8650e-003
tblVehicleEF	LHD1	5.9600e-004	5.9900e-004
tblVehicleEF	LHD1	1.1530e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.2400e-004	6.1400e-004
tblVehicleEF	LHD1	0.12	0.14
tblVehicleEF	LHD1	0.59	0.59
tblVehicleEF	LHD1	0.48	0.51



tblVehicleEF	LHD2	3.2670e-003	0.00
tblVehicleEF	LHD2	1.0060e-003	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	1.06	1.17
tblVehicleEF	LHD2	2.09	2.22
tblVehicleEF	LHD2	8.43	8.43
tblVehicleEF	LHD2	677.65	677.82
tblVehicleEF	LHD2	29.16	29.05
tblVehicleEF	LHD2	3.2670e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.22	1.32
tblVehicleEF	LHD2	0.81	0.84
tblVehicleEF	LHD2	1.0680e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9540e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.0900e-004	5.6400e-004
tblVehicleEF	LHD2	9.8300e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7200e-004	5.2400e-004
tblVehicleEF	LHD2	2.5810e-003	2.7260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6780e-003	1.7340e-003
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.32	0.35
tblVehicleEF	LHD2	0.19	0.21

tblVehicleEF	LHD2	7.4150e-003	7.4180e-003
tblVehicleEF	LHD2	3.6200e-004	3.6400e-004
tblVehicleEF	LHD2	2.5810e-003	2.7260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6780e-003	1.7340e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.32	0.35
tblVehicleEF	LHD2	0.20	0.22
tblVehicleEF	LHD2	1.0060e-003	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	1.03	1.13
tblVehicleEF	LHD2	3.68	3.90
tblVehicleEF	LHD2	8.43	8.43
tblVehicleEF	LHD2	677.65	677.82
tblVehicleEF	LHD2	29.16	29.05
tblVehicleEF	LHD2	3.2670e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.31	1.41
tblVehicleEF	LHD2	0.91	0.94
tblVehicleEF	LHD2	1.0680e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9540e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.0900e-004	5.6400e-004
tblVehicleEF	LHD2	9.8300e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	4.7200e-004	5.2400e-004
tblVehicleEF	LHD2	7.4500e-004	7.6500e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9600e-004	3.9900e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.38	0.41
tblVehicleEF	LHD2	0.27	0.29
tblVehicleEF	LHD2	7.4140e-003	7.4180e-003
tblVehicleEF	LHD2	3.9000e-004	3.9300e-004
tblVehicleEF	LHD2	7.4500e-004	7.6500e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9600e-004	3.9900e-004
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.38	0.41
tblVehicleEF	LHD2	0.28	0.31
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	18.62	18.87
tblVehicleEF	MCY	8.86	8.85
tblVehicleEF	MCY	144.76	144.23
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tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	1.04	1.04
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.0500e-004	3.3200e-004
tblVehicleEF	MCY	9.6600e-004	1.0770e-003
tblVehicleEF	MCY	2.5700e-004	2.7800e-004
tblVehicleEF	MCY	8.0400e-004	8.8700e-004
tblVehicleEF	MCY	1.44	1.44

tblVehicleEF	MCY	0.46	0.47
tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	2.34	2.35
tblVehicleEF	MCY	1.16	1.20
tblVehicleEF	MCY	1.82	1.82
tblVehicleEF	MCY	1.9740e-003	1.9720e-003
tblVehicleEF	MCY	6.1900e-004	6.2300e-004
tblVehicleEF	MCY	1.44	1.44
tblVehicleEF	MCY	0.46	0.47
tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	2.57	2.58
tblVehicleEF	MCY	1.16	1.20
tblVehicleEF	MCY	1.95	1.96
tblVehicleEF	MCY	21.28	21.60
tblVehicleEF	MCY	12.75	12.69
tblVehicleEF	MCY	144.76	144.23
tblVehicleEF	MCY	38.08	38.45
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	1.26	1.26
tblVehicleEF	MCY	0.33	0.33
tblVehicleEF	MCY	3.0500e-004	3.3200e-004
tblVehicleEF	MCY	9.6600e-004	1.0770e-003
tblVehicleEF	MCY	2.5700e-004	2.7800e-004
tblVehicleEF	MCY	8.0400e-004	8.8700e-004
tblVehicleEF	MCY	0.22	0.22
tblVehicleEF	MCY	0.45	0.46
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.51	2.53
tblVehicleEF	MCY	1.63	1.69
tblVehicleEF	MCY	2.56	2.58

tblVehicleEF	MCY	7.0400e-004	7.0800e-004
tblVehicleEF	MCY	0.22	0.22
tblVehicleEF	MCY	0.45	0.46
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.76	2.77
tblVehicleEF	MCY	1.63	1.69
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tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.99	2.13
tblVehicleEF	MDV	3.01	3.21
tblVehicleEF	MDV	542.97	549.77
tblVehicleEF	MDV	102.68	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.20	0.22
tblVehicleEF	MDV	0.32	0.34
tblVehicleEF	MDV	2.4810e-003	2.4990e-003
tblVehicleEF	MDV	3.5320e-003	3.4510e-003
tblVehicleEF	MDV	2.2980e-003	2.3130e-003
tblVehicleEF	MDV	3.2740e-003	3.1960e-003
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.59	0.60
tblVehicleEF	MDV	0.27	0.29
tblVehicleEF	MDV	6.9090e-003	6.9080e-003
tblVehicleEF	MDV	1.3270e-003	1.3290e-003
tblVehicleEF	MDV	0.14	0.14

tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.59	0.60
tblVehicleEF	MDV	0.29	0.31
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.78	1.91
tblVehicleEF	MDV	5.15	5.49
tblVehicleEF	MDV	510.69	517.14
tblVehicleEF	MDV	102.68	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.25	0.27
tblVehicleEF	MDV	0.38	0.41
tblVehicleEF	MDV	2.4810e-003	2.4990e-003
tblVehicleEF	MDV	3.5320e-003	3.4510e-003
tblVehicleEF	MDV	2.2980e-003	2.3130e-003
tblVehicleEF	MDV	3.2740e-003	3.1960e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.79	0.80
tblVehicleEF	MDV	0.40	0.43
tblVehicleEF	MDV	6.4950e-003	6.4940e-003
tblVehicleEF	MDV	1.3650e-003	1.3690e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.07	0.08

tblVehicleEF	MDV	0.79	0.80
tblVehicleEF	MDV	0.42	0.45
tblVehicleEF	MH	4.9700e-004	0.00
tblVehicleEF	MH	2.14	2.77
tblVehicleEF	MH	5.08	5.59
tblVehicleEF	MH	666.40	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9700e-004	5.0000e-004
tblVehicleEF	MH	1.04	1.12
tblVehicleEF	MH	0.68	0.73
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.4750e-003	8.4760e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	7.1100e-004	9.1100e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.6000e-004	8.3100e-004
tblVehicleEF	MH	1.22	1.36
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.55	0.60
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	1.68	1.86
tblVehicleEF	MH	0.30	0.34
tblVehicleEF	MH	7.3630e-003	7.3760e-003
tblVehicleEF	MH	4.0700e-004	4.2000e-004
tblVehicleEF	MH	1.22	1.36
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.55	0.60
tblVehicleEF	MH	0.11	0.14
tblVehicleEF	MH	1.68	1.86

tblVehicleEF	MH	0.32	0.36
tblVehicleEF	MH	1.98	2.62
tblVehicleEF	MH	9.59	10.58
tblVehicleEF	MH	666.40	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9700e-004	5.0000e-004
tblVehicleEF	MH	1.16	1.25
tblVehicleEF	MH	0.77	0.82
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.4750e-003	8.4760e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	7.1100e-004	9.1100e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.6000e-004	8.3100e-004
tblVehicleEF	MH	0.34	0.37
tblVehicleEF	MH	0.08	0.09
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	1.87	2.07
tblVehicleEF	MH	0.45	0.52
tblVehicleEF	MH	7.3610e-003	7.3730e-003
tblVehicleEF	MH	4.8300e-004	5.0400e-004
tblVehicleEF	MH	0.34	0.37
tblVehicleEF	MH	0.08	0.09
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	0.11	0.13
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tblVehicleEF	MH	0.48	0.55
tblVehicleEF	MHD	0.03	0.00



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tblVehicleEF	MHD	4.8780e-003	5.2290e-003
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tblVehicleEF	MHD	0.65	0.73
tblVehicleEF	MHD	11.62	12.38
tblVehicleEF	MHD	606.43	605.99
tblVehicleEF	MHD	992.55	993.40
tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.90	4.78
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tblVehicleEF	MHD	1.58	1.68
tblVehicleEF	MHD	7.6040e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.6970e-003	1.8460e-003
tblVehicleEF	MHD	6.9960e-003	9.2440e-003
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tblVehicleEF	MHD	2.8570e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.5740e-003	1.7130e-003
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tblVehicleEF	MHD	0.12	0.13
tblVehicleEF	MHD	0.47	0.47
tblVehicleEF	MHD	0.77	0.82
tblVehicleEF	MHD	6.4280e-003	6.4240e-003

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.5400e-004	7.6700e-004
tblVehicleEF	MHD	4.0240e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.18	0.18
tblVehicleEF	MHD	2.5930e-003	2.6690e-003
tblVehicleEF	MHD	0.14	0.15
tblVehicleEF	MHD	0.47	0.47
tblVehicleEF	MHD	0.82	0.88
tblVehicleEF	MHD	8.6440e-003	8.2320e-003
tblVehicleEF	MHD	4.8780e-003	5.2290e-003
tblVehicleEF	MHD	2.77	2.63
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tblVehicleEF	MHD	20.67	22.03
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tblVehicleEF	MHD	992.55	993.40
tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.62	4.43
tblVehicleEF	MHD	1.36	1.85
tblVehicleEF	MHD	1.78	1.88
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.6970e-003	1.8460e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8570e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04

tblVehicleEF	MHD	1.5740e-003	1.7130e-003
tblVehicleEF	MHD	1.0120e-003	1.0250e-003
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	4.9700e-004	4.9200e-004
tblVehicleEF	MHD	0.12	0.13
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tblVehicleEF	MHD	1.08	1.16
tblVehicleEF	MHD	5.5700e-003	5.5660e-003
tblVehicleEF	MHD	0.01	0.01
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tblVehicleEF	MHD	1.0120e-003	1.0250e-003
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.21	0.20
tblVehicleEF	MHD	4.9700e-004	4.9200e-004
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tblVehicleEF	MHD	0.55	0.56
tblVehicleEF	MHD	1.16	1.23
tblVehicleEF	OBUS	3.1380e-003	0.00
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.8430e-003	2.7600e-003
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tblVehicleEF	OBUS	1.11	1.21
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tblVehicleEF	OBUS	566.19	566.66
tblVehicleEF	OBUS	1,012.23	1,011.27
tblVehicleEF	OBUS	32.73	32.73
tblVehicleEF	OBUS	3.1380e-003	3.1290e-003
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tblVehicleEF	OBUS	1.52	2.09

tblVehicleEF	OBUS	1.23	1.29
tblVehicleEF	OBUS	7.6570e-003	8.0480e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	5.0000e-004	5.3000e-004
tblVehicleEF	OBUS	7.0440e-003	7.4040e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5770e-003	2.5720e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.6400e-004	4.9100e-004
tblVehicleEF	OBUS	1.2470e-003	1.2390e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.49	0.44
tblVehicleEF	OBUS	7.5400e-004	7.4800e-004
tblVehicleEF	OBUS	0.14	0.14
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	0.48	0.50
tblVehicleEF	OBUS	6.0020e-003	6.0070e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.8800e-004	4.9400e-004
tblVehicleEF	OBUS	1.2470e-003	1.2390e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.55	0.50
tblVehicleEF	OBUS	7.5400e-004	7.4800e-004
tblVehicleEF	OBUS	0.16	0.17
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	0.51	0.54
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.8430e-003	2.7600e-003

tblVehicleEF	OBUS	4.19	3.78
tblVehicleEF	OBUS	1.07	1.17
tblVehicleEF	OBUS	12.49	13.14
tblVehicleEF	OBUS	490.59	491.00
tblVehicleEF	OBUS	1,012.23	1,011.27
tblVehicleEF	OBUS	32.73	32.73
tblVehicleEF	OBUS	3.1380e-003	3.1290e-003
tblVehicleEF	OBUS	3.71	4.44
tblVehicleEF	OBUS	1.64	2.25
tblVehicleEF	OBUS	1.38	1.45
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	5.0000e-004	5.3000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5770e-003	2.5720e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.6400e-004	4.9100e-004
tblVehicleEF	OBUS	4.4500e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.56	0.50
tblVehicleEF	OBUS	1.6000e-004	1.5600e-004
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	0.31	0.31
tblVehicleEF	OBUS	0.67	0.71
tblVehicleEF	OBUS	5.2000e-003	5.2050e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.8000e-004	5.9200e-004

tblVehicleEF	OBUS	4.4500e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.63	0.57
tblVehicleEF	OBUS	1.6000e-004	1.5600e-004
tblVehicleEF	OBUS	0.16	0.16
tblVehicleEF	OBUS	0.31	0.31
tblVehicleEF	OBUS	0.72	0.76
tblVehicleEF	SBUS	5.2400e-004	0.00
tblVehicleEF	SBUS	4.2850e-003	4.1970e-003
tblVehicleEF	SBUS	4.9120e-003	4.8430e-003
tblVehicleEF	SBUS	0.79	0.76
tblVehicleEF	SBUS	1.43	1.46
tblVehicleEF	SBUS	15.28	15.64
tblVehicleEF	SBUS	583.28	579.49
tblVehicleEF	SBUS	985.84	988.14
tblVehicleEF	SBUS	115.30	115.30
tblVehicleEF	SBUS	5.2400e-004	5.2900e-004
tblVehicleEF	SBUS	7.69	7.82
tblVehicleEF	SBUS	5.69	5.87
tblVehicleEF	SBUS	1.88	1.90
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.1870e-003	1.2320e-003
tblVehicleEF	SBUS	9.7360e-003	0.01
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6460e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.1010e-003	1.1430e-003

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.17	0.18
tblVehicleEF	SBUS	0.91	0.91
tblVehicleEF	SBUS	1.13	1.15
tblVehicleEF	SBUS	6.1830e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5540e-003	1.5610e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.20	0.20
tblVehicleEF	SBUS	0.91	0.91
tblVehicleEF	SBUS	1.21	1.23
tblVehicleEF	SBUS	4.9080e-003	4.8080e-003
tblVehicleEF	SBUS	4.9120e-003	4.8430e-003
tblVehicleEF	SBUS	1.50	1.45
tblVehicleEF	SBUS	1.38	1.40
tblVehicleEF	SBUS	21.59	22.10
tblVehicleEF	SBUS	505.40	502.12
tblVehicleEF	SBUS	985.84	988.14
tblVehicleEF	SBUS	115.30	115.30
tblVehicleEF	SBUS	5.2400e-004	5.2900e-004
tblVehicleEF	SBUS	7.12	7.24
tblVehicleEF	SBUS	6.09	6.28
tblVehicleEF	SBUS	2.13	2.15
tblVehicleEF	SBUS	0.02	0.02

tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.1870e-003	1.2320e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6460e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.1010e-003	1.1430e-003
tblVehicleEF	SBUS	6.8290e-003	6.5920e-003
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	2.4170e-003	2.3080e-003
tblVehicleEF	SBUS	0.17	0.17
tblVehicleEF	SBUS	1.32	1.32
tblVehicleEF	SBUS	1.39	1.41
tblVehicleEF	SBUS	5.3580e-003	5.3230e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6620e-003	1.6700e-003
tblVehicleEF	SBUS	6.8290e-003	6.5920e-003
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	2.4170e-003	2.3080e-003
tblVehicleEF	SBUS	0.20	0.20
tblVehicleEF	SBUS	1.32	1.32
tblVehicleEF	SBUS	1.48	1.51
tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	3.83	3.84
tblVehicleEF	UBUS	3.46	3.47
tblVehicleEF	UBUS	2,106.40	2,108.15



tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.52	9.58
tblVehicleEF	UBUS	0.30	0.30
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	4.5300e-004	4.5400e-004
tblVehicleEF	UBUS	0.15	0.15
tblVehicleEF	UBUS	4.2000e-004	4.2100e-004
tblVehicleEF	UBUS	3.5060e-003	3.5050e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6680e-003	1.6720e-003
tblVehicleEF	UBUS	0.76	0.76
tblVehicleEF	UBUS	0.47	0.45
tblVehicleEF	UBUS	0.24	0.24
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.5060e-003	3.5050e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6680e-003	1.6720e-003
tblVehicleEF	UBUS	0.84	0.84
tblVehicleEF	UBUS	0.47	0.45
tblVehicleEF	UBUS	0.26	0.26
tblVehicleEF	UBUS	3.70	3.72
tblVehicleEF	UBUS	6.14	6.15
tblVehicleEF	UBUS	2,106.40	2,108.15
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	10.13	10.19
tblVehicleEF	UBUS	0.34	0.34
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	4.5300e-004	4.5400e-004
tblVehicleEF	UBUS	0.15	0.15
tblVehicleEF	UBUS	4.2000e-004	4.2100e-004

tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	0.73	0.73
tblVehicleEF	UBUS	0.62	0.60
tblVehicleEF	UBUS	0.37	0.36
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	0.80	0.80
tblVehicleEF	UBUS	0.62	0.60
tblVehicleEF	UBUS	0.39	0.39
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.99
tblVehicleTrips	CC_TL	7.30	13.93
tblVehicleTrips	CC_TL	7.30	1.17
tblVehicleTrips	CC_TL	7.30	2.55
tblVehicleTrips	CC_TL	7.30	1.12
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.99
tblVehicleTrips	CNW_TL	7.30	13.93
tblVehicleTrips	CNW_TL	7.30	1.17
tblVehicleTrips	CNW_TL	7.30	2.55
tblVehicleTrips	CNW_TL	7.30	1.12
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.99
tblVehicleTrips	CW_TL	9.50	13.93
tblVehicleTrips	CW_TL	9.50	1.17
tblVehicleTrips	CW_TL	9.50	2.55
tblVehicleTrips	CW_TL	9.50	1.12

tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	5.40	4.57
tblVehicleTrips	HS_TL	4.30	4.57
tblVehicleTrips	HW_TL	12.40	4.57
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	51.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	1.77
tblVehicleTrips	ST_TR	1.59	2.93
tblVehicleTrips	ST_TR	696.00	79.38
tblVehicleTrips	ST_TR	2.37	2.93
tblVehicleTrips	ST_TR	158.37	28.01
tblVehicleTrips	ST_TR	1.49	0.47

tblVehicleTrips	ST_TR	42.04	19.27
tblVehicleTrips	SU_TR	6.07	1.77
tblVehicleTrips	SU_TR	1.59	2.93
tblVehicleTrips	SU_TR	500.00	79.38
tblVehicleTrips	SU_TR	0.98	2.93
tblVehicleTrips	SU_TR	131.84	28.01
tblVehicleTrips	SU_TR	0.62	0.47
tblVehicleTrips	SU_TR	20.43	19.27
tblVehicleTrips	WD_TR	6.59	1.77
tblVehicleTrips	WD_TR	1.59	2.93
tblVehicleTrips	WD_TR	716.00	79.38
tblVehicleTrips	WD_TR	11.01	2.93
tblVehicleTrips	WD_TR	127.15	28.01
tblVehicleTrips	WD_TR	3.82	0.47
tblVehicleTrips	WD_TR	44.32	19.27
tblWoodstoves	NumberCatalytic	1.20	0.00
tblWoodstoves	NumberNoncatalytic	1.20	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					
2016	0.0660	0.7171	0.6243	6.7000e-004	0.2802	0.0302	0.3103	0.1514	0.0278	0.1792	0.0000	61.5379	61.5379	0.0117	0.0000	61.7841
<b>Total</b>	<b>0.0660</b>	<b>0.7171</b>	<b>0.6243</b>	<b>6.7000e-004</b>	<b>0.2802</b>	<b>0.0302</b>	<b>0.3103</b>	<b>0.1514</b>	<b>0.0278</b>	<b>0.1792</b>	<b>0.0000</b>	<b>61.5379</b>	<b>61.5379</b>	<b>0.0117</b>	<b>0.0000</b>	<b>61.7841</b>

**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					
2016	0.0660	0.7171	0.6243	6.7000e-004	0.1311	0.0302	0.1613	0.0695	0.0278	0.0973	0.0000	61.5379	61.5379	0.0117	0.0000	61.7840
<b>Total</b>	<b>0.0660</b>	<b>0.7171</b>	<b>0.6243</b>	<b>6.7000e-004</b>	<b>0.1311</b>	<b>0.0302</b>	<b>0.1613</b>	<b>0.0695</b>	<b>0.0278</b>	<b>0.0973</b>	<b>0.0000</b>	<b>61.5379</b>	<b>61.5379</b>	<b>0.0117</b>	<b>0.0000</b>	<b>61.7840</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>53.20</b>	<b>0.00</b>	<b>48.03</b>	<b>54.10</b>	<b>0.00</b>	<b>45.72</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**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	0.5602	0.0207	1.7922	9.0000e-005		0.0100	0.0100		0.0100	0.0100	0.0000	5.2233	5.2233	2.9200e-003	4.0000e-005	5.2977
Energy	0.0413	0.3750	0.3128	2.2500e-003		0.0285	0.0285		0.0285	0.0285	0.0000	3,742.2839	3,742.2839	0.1586	0.0387	3,757.6043
Mobile	1.3947	1.3274	13.5952	0.0483	1.9672	0.0323	1.9995	0.5578	0.0300	0.5877	0.0000	3,094.8158	3,094.8158	0.1392	0.0000	3,097.7391
Waste						0.0000	0.0000		0.0000	0.0000	220.2959	0.0000	220.2959	13.0191	0.0000	493.6974

Water						0.0000	0.0000		0.0000	0.0000	41.2360	280.2072	321.4432	4.2480	0.1026	442.4656
<b>Total</b>	<b>1.9961</b>	<b>1.7230</b>	<b>15.7002</b>	<b>0.0507</b>	<b>1.9672</b>	<b>0.0708</b>	<b>2.0381</b>	<b>0.5578</b>	<b>0.0685</b>	<b>0.6263</b>	<b>261.5319</b>	<b>7,122.5302</b>	<b>7,384.0621</b>	<b>17.5678</b>	<b>0.1414</b>	<b>7,796.8041</b>

### 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	0.1003	0.0207	1.7922	9.0000e-005		0.0100	0.0100		0.0100	0.0100	0.0000	5.2233	5.2233	2.9200e-003	4.0000e-005	5.2977
Energy	0.0413	0.3750	0.3128	2.2500e-003		0.0285	0.0285		0.0285	0.0285	0.0000	3,742.2839	3,742.2839	0.1586	0.0387	3,757.6043
Mobile	1.3947	1.3274	13.5952	0.0483	1.9672	0.0323	1.9995	0.5578	0.0300	0.5877	0.0000	3,094.8158	3,094.8158	0.1392	0.0000	3,097.7391
Waste						0.0000	0.0000		0.0000	0.0000	220.2959	0.0000	220.2959	13.0191	0.0000	493.6974
Water						0.0000	0.0000		0.0000	0.0000	41.2360	280.2072	321.4432	4.2472	0.1025	442.3998
<b>Total</b>	<b>1.5362</b>	<b>1.7230</b>	<b>15.7002</b>	<b>0.0507</b>	<b>1.9672</b>	<b>0.0708</b>	<b>2.0381</b>	<b>0.5578</b>	<b>0.0685</b>	<b>0.6263</b>	<b>261.5319</b>	<b>7,122.5302</b>	<b>7,384.0621</b>	<b>17.5670</b>	<b>0.1412</b>	<b>7,796.7383</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>23.04</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.11</b>	<b>0.00</b>

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	AREA 1 - Infrastructure	Site Preparation	1/1/2016	2/11/2016	5	30	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
AREA 1 - Infrastructure	Rubber Tired Dozers	3	8.00	255	0.40

**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
AREA 1 - Infrastructure	3	18.00	0.00	620.00	20.40	16.00	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

**3.2 AREA 1 - Infrastructure - 2016**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.0557	0.6242	0.4718	4.0000e-004		0.0290	0.0290		0.0267	0.0267	0.0000	37.6976	37.6976	0.0114	0.0000	37.9363
<b>Total</b>	<b>0.0557</b>	<b>0.6242</b>	<b>0.4718</b>	<b>4.0000e-004</b>	<b>0.2710</b>	<b>0.0290</b>	<b>0.3000</b>	<b>0.1490</b>	<b>0.0267</b>	<b>0.1757</b>	<b>0.0000</b>	<b>37.6976</b>	<b>37.6976</b>	<b>0.0114</b>	<b>0.0000</b>	<b>37.9363</b>

**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	9.0800e-003	0.0908	0.1318	2.2000e-004	5.1500e-003	1.0900e-003	6.2400e-003	1.4100e-003	1.0000e-003	2.4100e-003	0.0000	19.8619	19.8619	1.4000e-004	0.0000	19.8649
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	1.1800e-003	2.1000e-003	0.0207	5.0000e-005	4.0300e-003	4.0000e-005	4.0600e-003	1.0700e-003	3.0000e-005	1.1000e-003	0.0000	3.9785	3.9785	2.1000e-004	0.0000	3.9828
<b>Total</b>	<b>0.0103</b>	<b>0.0929</b>	<b>0.1525</b>	<b>2.7000e-004</b>	<b>9.1800e-003</b>	<b>1.1300e-003</b>	<b>0.0103</b>	<b>2.4800e-003</b>	<b>1.0300e-003</b>	<b>3.5100e-003</b>	<b>0.0000</b>	<b>23.8404</b>	<b>23.8404</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>23.8477</b>

**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					0.1220	0.0000	0.1220	0.0670	0.0000	0.0670	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0557	0.6242	0.4718	4.0000e-004		0.0290	0.0290		0.0267	0.0267	0.0000	37.6975	37.6975	0.0114	0.0000	37.9363
<b>Total</b>	<b>0.0557</b>	<b>0.6242</b>	<b>0.4718</b>	<b>4.0000e-004</b>	<b>0.1220</b>	<b>0.0290</b>	<b>0.1510</b>	<b>0.0670</b>	<b>0.0267</b>	<b>0.0938</b>	<b>0.0000</b>	<b>37.6975</b>	<b>37.6975</b>	<b>0.0114</b>	<b>0.0000</b>	<b>37.9363</b>

**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	9.0800e-003	0.0908	0.1318	2.2000e-004	5.1500e-003	1.0900e-003	6.2400e-003	1.4100e-003	1.0000e-003	2.4100e-003	0.0000	19.8619	19.8619	1.4000e-004	0.0000	19.8649
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	1.1800e-003	2.1000e-003	0.0207	5.0000e-005	4.0300e-003	4.0000e-005	4.0600e-003	1.0700e-003	3.0000e-005	1.1000e-003	0.0000	3.9785	3.9785	2.1000e-004	0.0000	3.9828
<b>Total</b>	<b>0.0103</b>	<b>0.0929</b>	<b>0.1525</b>	<b>2.7000e-004</b>	<b>9.1800e-003</b>	<b>1.1300e-003</b>	<b>0.0103</b>	<b>2.4800e-003</b>	<b>1.0300e-003</b>	<b>3.5100e-003</b>	<b>0.0000</b>	<b>23.8404</b>	<b>23.8404</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>23.8477</b>

#### 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	1.3947	1.3274	13.5952	0.0483	1.9672	0.0323	1.9995	0.5578	0.0300	0.5877	0.0000	3,094.8158	3,094.8158	0.1392	0.0000	3,097.7391
Unmitigated	1.3947	1.3274	13.5952	0.0483	1.9672	0.0323	1.9995	0.5578	0.0300	0.5877	0.0000	3,094.8158	3,094.8158	0.1392	0.0000	3,097.7391

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Apartments High Rise	422.90	422.90	422.90	703,705	703,705
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		

Fast Food Restaurant w/o Drive Thru	812.04	812.04	812.04	292,342	292,342
General Office Building	1,660.45	1,660.45	1,660.45	8,418,357	8,418,357
High Turnover (Sit Down Restaurant)	668.29	668.29	668.29	284,451	284,451
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Strip Mall	845.20	845.20	845.20	344,501	344,501
Strip Mall	0.00	0.00	0.00		
<b>Total</b>	<b>4,408.89</b>	<b>4,408.89</b>	<b>4,408.89</b>	<b>10,043,357</b>	<b>10,043,357</b>

### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	4.57	4.57	4.57	26.10	29.10	44.80	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive	0.99	0.99	0.99	1.50	79.50	19.00	100	0	0
General Office Building	13.93	13.93	13.93	33.00	48.00	19.00	100	0	0
High Turnover (Sit Down	1.17	1.17	1.17	8.50	72.50	19.00	100	0	0
High Turnover (Sit Down	1.17	1.17	1.17	8.50	72.50	19.00	100	0	0
Manufacturing	2.55	2.55	2.55	59.00	28.00	13.00	100	0	0
Strip Mall	1.12	1.12	1.12	16.60	64.40	19.00	100	0	0
Strip Mall	1.12	1.12	1.12	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.689839	0.063945	0.161776	0.084440	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

### 5.0 Energy Detail

#### 4.4 Fleet Mix

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy



Strip Mall	311766	1.6800e-003	0.0153	0.0128	9.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	16.6370	16.6370	3.2000e-004	3.1000e-004	16.7383
Apartments High Rise	114720	6.2000e-004	5.2900e-003	2.2500e-003	3.0000e-005		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	6.1219	6.1219	1.2000e-004	1.1000e-004	6.1592
<b>Total</b>		<b>0.0413</b>	<b>0.3750</b>	<b>0.3128</b>	<b>2.2400e-003</b>		<b>0.0285</b>	<b>0.0285</b>		<b>0.0285</b>	<b>0.0285</b>	<b>0.0000</b>	<b>408.6187</b>	<b>408.6187</b>	<b>7.8300e-003</b>	<b>7.5000e-003</b>	<b>411.1055</b>

**Mitigated**

	Natural Gas 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					
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive-Thru	2.84986e+006	0.0154	0.1397	0.1174	8.4000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	152.0792	152.0792	2.9100e-003	2.7900e-003	153.0047
General Office Building	691986	3.7300e-003	0.0339	0.0285	2.0000e-004		2.5800e-003	2.5800e-003		2.5800e-003	2.5800e-003	0.0000	36.9270	36.9270	7.1000e-004	6.8000e-004	37.1518
High Turnover (Sit Down Restaurant)	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
High Turnover (Sit Down Restaurant)	3.6889e+006	0.0199	0.1808	0.1519	1.0800e-003		0.0137	0.0137		0.0137	0.0137	0.0000	196.8536	196.8536	3.7700e-003	3.6100e-003	198.0516
Manufacturing	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	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	311766	1.6800e-003	0.0153	0.0128	9.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	16.6370	16.6370	3.2000e-004	3.1000e-004	16.7383
Apartments High Rise	114720	6.2000e-004	5.2900e-003	2.2500e-003	3.0000e-005		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	6.1219	6.1219	1.2000e-004	1.1000e-004	6.1592
<b>Total</b>		<b>0.0413</b>	<b>0.3750</b>	<b>0.3128</b>	<b>2.2400e-003</b>		<b>0.0285</b>	<b>0.0285</b>		<b>0.0285</b>	<b>0.0285</b>	<b>0.0000</b>	<b>408.6187</b>	<b>408.6187</b>	<b>7.8300e-003</b>	<b>7.5000e-003</b>	<b>411.1055</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.19798e+006	639.4184	0.0289	5.9800e-003	641.8799
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	3.28194e+006	954.7544	0.0432	8.9300e-003	958.4300
Fast Food Restaurant w/o	493453	143.5511	6.4900e-003	1.3400e-003	144.1037
Drive-Thru General Office Building	4.21431e+006	1,225.9914	0.0554	0.0115	1,230.7110
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	837149	243.5363	0.0110	2.2800e-003	244.4738
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	434544	126.4137	5.7200e-003	1.1800e-003	126.9004
<b>Total</b>		<b>3,333.6652</b>	<b>0.1507</b>	<b>0.0312</b>	<b>3,346.4988</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.19798e+006	639.4184	0.0289	5.9800e-003	641.8799

City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	3.28194e+006	954.7544	0.0432	8.9300e-003	958.4300
Fast Food Restaurant w/o	493453	143.5511	6.4900e-003	1.3400e-003	144.1037
General Office Building	4.21431e+006	1,225.9914	0.0554	0.0115	1,230.7110
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	837149	243.5363	0.0110	2.2800e-003	244.4738
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	434544	126.4137	5.7200e-003	1.1800e-003	126.9004
<b>Total</b>		<b>3,333.6652</b>	<b>0.1507</b>	<b>0.0312</b>	<b>3,346.4988</b>

## 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	0.1003	0.0207	1.7922	9.0000e-005		0.0100	0.0100		0.0100	0.0100	0.0000	5.2233	5.2233	2.9200e-003	4.0000e-005	5.2977

Unmitigated	0.5602	0.0207	1.7922	9.0000e-005		0.0100	0.0100		0.0100	0.0100	0.0000	5.2233	5.2233	2.9200e-003	4.0000e-005	5.2977
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## 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	0.5048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.3000e-004	0.0000	1.0000e-005	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2980	2.2980	4.0000e-005	4.0000e-005	2.3120
Landscaping	0.0552	0.0207	1.7921	9.0000e-005		9.8500e-003	9.8500e-003		9.8500e-003	9.8500e-003	0.0000	2.9253	2.9253	2.8800e-003	0.0000	2.9857
<b>Total</b>	<b>0.5602</b>	<b>0.0207</b>	<b>1.7921</b>	<b>9.0000e-005</b>		<b>0.0100</b>	<b>0.0100</b>		<b>0.0100</b>	<b>0.0100</b>	<b>0.0000</b>	<b>5.2233</b>	<b>5.2233</b>	<b>2.9200e-003</b>	<b>4.0000e-005</b>	<b>5.2977</b>

### 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	0.0449					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.3000e-004	0.0000	1.0000e-005	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2980	2.2980	4.0000e-005	4.0000e-005	2.3120
Landscaping	0.0552	0.0207	1.7921	9.0000e-005		9.8500e-003	9.8500e-003		9.8500e-003	9.8500e-003	0.0000	2.9253	2.9253	2.8800e-003	0.0000	2.9857
<b>Total</b>	<b>0.1003</b>	<b>0.0207</b>	<b>1.7921</b>	<b>9.0000e-005</b>		<b>0.0100</b>	<b>0.0100</b>		<b>0.0100</b>	<b>0.0100</b>	<b>0.0000</b>	<b>5.2233</b>	<b>5.2233</b>	<b>2.9200e-003</b>	<b>4.0000e-005</b>	<b>5.2977</b>

## 7.0 Water Detail

## 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	321.4432	4.2472	0.1025	442.3998
Unmitigated	321.4432	4.2480	0.1026	442.4656

## 7.2 Water by Land Use

### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	15.5718 / 9.81701	39.4477	0.5090	0.0123	53.9503
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	3.10515 / 0.198201	6.0748	0.1014	2.4400e-003	8.9598
General Office Building	100.811 / 61.7871	253.5817	3.2949	0.0796	347.4629
High Turnover (Sit Down Restaurant)	7.24231 / 0.462275	14.1686	0.2365	5.6800e-003	20.8975
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.24808 / 1.99076	8.1703	0.1062	2.5700e-003	11.1951



<b>Total</b>		<b>321.4432</b>	<b>4.2480</b>	<b>0.1026</b>	<b>442.4656</b>
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**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	15.5718 / 9.81701	39.4477	0.5089	0.0123	53.9424
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o	3.10515 / 0.198201	6.0748	0.1014	2.4300e-003	8.9583
General Office Building	100.811 / 61.7871	253.5817	3.2943	0.0795	347.4118
High Turnover (Sit Down Restaurant)	7.24231 / 0.462275	14.1686	0.2365	5.6700e-003	20.8939
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.24808 / 1.99076	8.1703	0.1061	2.5600e-003	11.1935
<b>Total</b>		<b>321.4432</b>	<b>4.2472</b>	<b>0.1025</b>	<b>442.3998</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
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	MT/yr			
Unmitigated	220.2959	13.0191	0.0000	493.6974
Mitigated	220.2959	13.0191	0.0000	493.6974

## 8.2 Waste by Land Use

### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	109.94	22.3168	1.3189	0.0000	50.0135
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	527.5	107.0777	6.3281	0.0000	239.9681
High Turnover (Sit Down Restaurant)	283.93	57.6352	3.4061	0.0000	129.1643
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	46.04	9.3457	0.5523	0.0000	20.9443
<b>Total</b>		<b>220.2959</b>	<b>13.0191</b>	<b>0.0000</b>	<b>493.6974</b>

### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	109.94	22.3168	1.3189	0.0000	50.0135
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	527.5	107.0777	6.3281	0.0000	239.9681
High Turnover (Sit Down Restaurant)	283.93	57.6352	3.4061	0.0000	129.1643
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	46.04	9.3457	0.5523	0.0000	20.9443
<b>Total</b>		<b>220.2959</b>	<b>13.0191</b>	<b>0.0000</b>	<b>493.6974</b>

## 9.0 Operational Offroad

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

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e. Area 3 | **Assumption A**

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### Mission Rock - Operational Area 3 San Francisco County, Annual

## 1.0 Project Characteristics

### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	125.28	1000sqft	2.88	125,275.00	0
Manufacturing	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	227.18	1000sqft	5.22	227,180.00	0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	48,366.00	0
City Park	0.00	Acre	0.00	0.00	0
Fast Food Restaurant w/o Drive Thru	6.82	1000sqft	0.16	6,818.00	0
High Turnover (Sit Down Restaurant)	15.91	1000sqft	0.37	15,909.00	0
High Turnover (Sit Down Restaurant)	0.00	1000sqft	0.00	0.00	0
Apartments High Rise	308.00	Dwelling Unit	4.97	307,720.00	881
Strip Mall	9.38	1000sqft	0.22	9,383.00	0
Strip Mall	0.00	1000sqft	0.00	0.00	0

### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2022
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	641.35	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - May need to change operational date from 2020; plus there are multiple phases of operation coming online at different times

Land Use - Acreages will have to be updated as well, I had no acreage info to go on.

Construction Phase - Schedule specified by the applicant. Start date currently set for 4/3/17. All phases trickle down from this date, based on phase durations from applicant

Off-road Equipment - No equipment. Phase is just for fugitive emissions.

Off-road Equipment - Provided by applicant. Dump truck and water truck calculated outside of CalEEMod. Jet Grout Rig = Bore/Drill Rig.

Trips and VMT - All trips (and trip lengths) are one-way (times 2 for round trips). # of workers was doubled to calculate one-way worker trips. Hauling trips from applicant are already one-way trips. These are total trips including worker and material hauling.

On-road Fugitive Dust - No changes

Demolition - No extra demo trips

Grading - From applicant. The applicant showed material movement in the foundations phase; since CalEEMod doesn't allow entry for bldg construction phase, this material was included in the demo phase.

Architectural Coating - For Study Scenario A, based on CalEEMod defaults and land use data (since no land use data was entered into this model run).

Vehicle Trips - Trip rate and trip percentage values from TIA (June 2016). Trip lengths for High Com (Scen A) from F&P: 3.5 for res, 9.5 for office, 1.0 for retail, 2.2 for Dist 12

Vehicle Emission Factors - Trucks modeled outside of CalEEMod. Only includes light duty vehicles scaled up from default values.

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Woodstoves - From 151201\_Mission Rock AQ Modeling Assumptions Rev3\_P+Ws\_clean.docx. No woodstoves. 20% gas fireplaces

Consumer Products - Removed consumer product emissions to model outside CalEEMod (to remove sqft from non-consumer land uses).

Energy Use - Assuming 1,000 sq ft per dwelling unit for Apartments High Rise

Construction Off-road Equipment Mitigation - Based on BAAQMD MMs

Area Mitigation - Per Brian Schuster's direction

Area Coating - From Off-Model sheet, ArchCoatings tab

Road Dust - For paved roads, composite silt loading calculated from Miscellaneous Process Methodology 7.9 - Entrained Road Travel, Paved Road Dust tables 8 (road fractions) and 9 (silt loading factors)

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	216466	78693
tblAreaCoating	Area_Nonresidential_Interior	649397	236078
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10



tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	30.00	60.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.63	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	4.07	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	3.43	0.00
tblEnergyUse	LightingElect	5.51	0.00
tblEnergyUse	NT24E	2,561.86	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24NG	1,662.00	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	6.90	0.00
tblEnergyUse	NT24NG	0.70	0.00
tblEnergyUse	T24E	312.05	9,196.57
tblEnergyUse	T24E	3.26	48.25
tblEnergyUse	T24E	5.01	7.43
tblEnergyUse	T24E	3.26	35.08
tblEnergyUse	T24E	2.74	9.91
tblEnergyUse	T24NG	7,191.67	480.00

tblEnergyUse	T24NG	41.99	278.66
tblEnergyUse	T24NG	19.28	1.22
tblEnergyUse	T24NG	41.99	154.58
tblEnergyUse	T24NG	4.10	7.11
tblFireplaces	NumberGas	169.40	61.60
tblFireplaces	NumberNoFireplace	95.48	246.40
tblFireplaces	NumberWood	43.12	0.00
tblLandUse	LandUseSquareFeet	125,280.00	125,275.00
tblLandUse	LandUseSquareFeet	0.00	48,366.00
tblLandUse	LandUseSquareFeet	6,820.00	6,818.00
tblLandUse	LandUseSquareFeet	15,910.00	15,909.00
tblLandUse	LandUseSquareFeet	308,000.00	307,720.00
tblLandUse	LandUseSquareFeet	9,380.00	9,383.00
tblOffRoadEquipment	HorsePower	205.00	200.00
tblProjectCharacteristics	OperationalYear	2014	2022
tblRoadDust	RoadSiltLoading	0.1	0.042976
tblSolidWaste	SolidWasteGenerationRate	141.68	257.14
tblSolidWaste	SolidWasteGenerationRate	0.00	0.44
tblSolidWaste	SolidWasteGenerationRate	78.56	117.84
tblSolidWaste	SolidWasteGenerationRate	116.51	191.94
tblSolidWaste	SolidWasteGenerationRate	189.33	414.83
tblSolidWaste	SolidWasteGenerationRate	0.00	236.22
tblSolidWaste	SolidWasteGenerationRate	9.85	80.06
tblTripsAndVMT	HaulingTripLength	20.00	16.00
tblTripsAndVMT	HaulingTripNumber	0.00	5,200.00
tblTripsAndVMT	VendorTripLength	7.30	16.00
tblTripsAndVMT	WorkerTripLength	12.40	20.40
tblTripsAndVMT	WorkerTripNumber	5.00	80.00
tblVehicleEF	HHD	4.1220e-003	0.00
tblVehicleEF	HHD	0.03	0.02

tblVehicleEF	HHD	0.01	9.9070e-003
tblVehicleEF	HHD	2.50	2.29
tblVehicleEF	HHD	3.63	3.96
tblVehicleEF	HHD	44.60	47.11
tblVehicleEF	HHD	558.89	559.68
tblVehicleEF	HHD	1,469.10	1,457.70
tblVehicleEF	HHD	49.32	50.48
tblVehicleEF	HHD	4.1220e-003	4.0430e-003
tblVehicleEF	HHD	3.42	4.10
tblVehicleEF	HHD	2.81	3.83
tblVehicleEF	HHD	3.62	3.76
tblVehicleEF	HHD	8.2150e-003	8.6950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.0980e-003	1.6010e-003
tblVehicleEF	HHD	7.5580e-003	8.0000e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.1850e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	1.0190e-003	1.4180e-003
tblVehicleEF	HHD	2.7830e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.58	0.53
tblVehicleEF	HHD	2.1690e-003	2.3420e-003
tblVehicleEF	HHD	0.27	0.27
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.38	1.59
tblVehicleEF	HHD	5.9240e-003	5.9330e-003
tblVehicleEF	HHD	0.02	0.02

tblVehicleEF	HHD	1.2900e-003	1.3490e-003
tblVehicleEF	HHD	2.7830e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	2.1690e-003	2.3420e-003
tblVehicleEF	HHD	0.31	0.31
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.47	1.70
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	9.9070e-003
tblVehicleEF	HHD	4.74	4.35
tblVehicleEF	HHD	3.48	3.80
tblVehicleEF	HHD	82.25	86.21
tblVehicleEF	HHD	484.26	484.95
tblVehicleEF	HHD	1,469.10	1,457.70
tblVehicleEF	HHD	49.32	50.48
tblVehicleEF	HHD	4.1220e-003	4.0430e-003
tblVehicleEF	HHD	3.16	3.80
tblVehicleEF	HHD	3.03	4.11
tblVehicleEF	HHD	4.07	4.23
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.0980e-003	1.6010e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.1850e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	1.0190e-003	1.4180e-003

tbIVehicleEF	HHD	7.3900e-004	7.5600e-004
tbIVehicleEF	HHD	0.08	0.10
tbIVehicleEF	HHD	0.66	0.61
tbIVehicleEF	HHD	3.9500e-004	3.8500e-004
tbIVehicleEF	HHD	0.27	0.27
tbIVehicleEF	HHD	0.52	0.55
tbIVehicleEF	HHD	2.11	2.48
tbIVehicleEF	HHD	5.1330e-003	5.1410e-003
tbIVehicleEF	HHD	0.02	0.02
tbIVehicleEF	HHD	1.9040e-003	1.9910e-003
tbIVehicleEF	HHD	7.3900e-004	7.5600e-004
tbIVehicleEF	HHD	0.08	0.10
tbIVehicleEF	HHD	0.75	0.69
tbIVehicleEF	HHD	3.9500e-004	3.8500e-004
tbIVehicleEF	HHD	0.31	0.31
tbIVehicleEF	HHD	0.52	0.55
tbIVehicleEF	HHD	2.26	2.65
tbIVehicleEF	LDA	0.63	0.69
tbIVehicleEF	LDA	0.01	0.01
tbIVehicleEF	LDA	5.1480e-003	6.1340e-003
tbIVehicleEF	LDA	0.80	0.88
tbIVehicleEF	LDA	0.95	1.10
tbIVehicleEF	LDA	263.30	274.05
tbIVehicleEF	LDA	50.16	52.36
tbIVehicleEF	LDA	0.63	0.63
tbIVehicleEF	LDA	0.06	0.07
tbIVehicleEF	LDA	0.07	0.08
tbIVehicleEF	LDA	2.2940e-003	2.2290e-003
tbIVehicleEF	LDA	3.8290e-003	3.4520e-003
tbIVehicleEF	LDA	2.1280e-003	2.0660e-003

tblVehicleEF	LDA	3.5520e-003	3.2020e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.21
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	7.5300e-004	7.5400e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.19	0.21
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	5.1480e-003	6.1340e-003
tblVehicleEF	LDA	0.70	0.77
tblVehicleEF	LDA	1.63	1.89
tblVehicleEF	LDA	247.00	257.10
tblVehicleEF	LDA	50.16	52.36
tblVehicleEF	LDA	0.63	0.63
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	2.2940e-003	2.2290e-003
tblVehicleEF	LDA	3.8290e-003	3.4520e-003
tblVehicleEF	LDA	2.1280e-003	2.0660e-003
tblVehicleEF	LDA	3.5520e-003	3.2020e-003
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.01	0.02

tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.25	0.27
tblVehicleEF	LDA	0.10	0.12
tblVehicleEF	LDA	7.6400e-004	7.6800e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.25	0.27
tblVehicleEF	LDA	0.11	0.13
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.68	1.91
tblVehicleEF	LDT1	2.22	2.58
tblVehicleEF	LDT1	325.97	336.72
tblVehicleEF	LDT1	62.00	63.99
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.14	0.16
tblVehicleEF	LDT1	0.16	0.18
tblVehicleEF	LDT1	3.3400e-003	3.5450e-003
tblVehicleEF	LDT1	4.3410e-003	4.2950e-003
tblVehicleEF	LDT1	3.0980e-003	3.2870e-003
tblVehicleEF	LDT1	4.0280e-003	3.9840e-003
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.25	0.27
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.76	0.83
tblVehicleEF	LDT1	0.18	0.21

tblVehicleEF	LDT1	4.6020e-003	4.5990e-003
tblVehicleEF	LDT1	8.8700e-004	8.9000e-004
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.25	0.27
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.76	0.83
tblVehicleEF	LDT1	0.19	0.22
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.50	1.72
tblVehicleEF	LDT1	3.78	4.41
tblVehicleEF	LDT1	306.80	316.99
tblVehicleEF	LDT1	62.00	63.99
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.17	0.19
tblVehicleEF	LDT1	0.19	0.22
tblVehicleEF	LDT1	3.3400e-003	3.5450e-003
tblVehicleEF	LDT1	4.3410e-003	4.2950e-003
tblVehicleEF	LDT1	3.0980e-003	3.2870e-003
tblVehicleEF	LDT1	4.0280e-003	3.9840e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.25	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	1.05	1.15
tblVehicleEF	LDT1	0.26	0.31
tblVehicleEF	LDT1	4.3270e-003	4.3260e-003
tblVehicleEF	LDT1	9.1400e-004	9.2200e-004
tblVehicleEF	LDT1	0.05	0.05



tblVehicleEF	LDT1	0.25	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	1.05	1.15
tblVehicleEF	LDT1	0.28	0.33
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.3070e-003	8.8110e-003
tblVehicleEF	LDT2	1.05	1.19
tblVehicleEF	LDT2	1.34	1.59
tblVehicleEF	LDT2	398.82	410.37
tblVehicleEF	LDT2	75.51	77.73
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.13	0.17
tblVehicleEF	LDT2	2.2060e-003	2.1340e-003
tblVehicleEF	LDT2	3.6830e-003	3.3120e-003
tblVehicleEF	LDT2	2.0470e-003	1.9800e-003
tblVehicleEF	LDT2	3.4170e-003	3.0720e-003
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.37	0.40
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	5.4140e-003	5.4160e-003
tblVehicleEF	LDT2	1.0280e-003	1.0310e-003
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.08	0.09

tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.37	0.40
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.3070e-003	8.8110e-003
tblVehicleEF	LDT2	0.93	1.05
tblVehicleEF	LDT2	2.30	2.73
tblVehicleEF	LDT2	374.77	385.64
tblVehicleEF	LDT2	75.51	77.73
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.16	0.20
tblVehicleEF	LDT2	2.2060e-003	2.1340e-003
tblVehicleEF	LDT2	3.6830e-003	3.3120e-003
tblVehicleEF	LDT2	2.0470e-003	1.9800e-003
tblVehicleEF	LDT2	3.4170e-003	3.0720e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.50	0.54
tblVehicleEF	LDT2	0.15	0.18
tblVehicleEF	LDT2	5.0850e-003	5.0870e-003
tblVehicleEF	LDT2	1.0450e-003	1.0510e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.50	0.54
tblVehicleEF	LDT2	0.16	0.19

tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	1.2980e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.15	1.38
tblVehicleEF	LHD1	3.02	3.28
tblVehicleEF	LHD1	801.22	801.15
tblVehicleEF	LHD1	44.65	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.65	0.75
tblVehicleEF	LHD1	1.28	1.35
tblVehicleEF	LHD1	3.5300e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7260e-003	8.7280e-003
tblVehicleEF	LHD1	8.2970e-003	9.2190e-003
tblVehicleEF	LHD1	8.1200e-004	9.3800e-004
tblVehicleEF	LHD1	3.2500e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1810e-003	2.1820e-003
tblVehicleEF	LHD1	7.6430e-003	8.4930e-003
tblVehicleEF	LHD1	7.5300e-004	8.7000e-004
tblVehicleEF	LHD1	3.8010e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5910e-003	2.6220e-003
tblVehicleEF	LHD1	0.10	0.12
tblVehicleEF	LHD1	0.50	0.50
tblVehicleEF	LHD1	0.30	0.34

tblVehicleEF	LHD1	8.8630e-003	8.8660e-003
tblVehicleEF	LHD1	5.5200e-004	5.5500e-004
tblVehicleEF	LHD1	3.8010e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5910e-003	2.6220e-003
tblVehicleEF	LHD1	0.12	0.14
tblVehicleEF	LHD1	0.50	0.50
tblVehicleEF	LHD1	0.32	0.36
tblVehicleEF	LHD1	1.2980e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.10	1.32
tblVehicleEF	LHD1	5.35	5.82
tblVehicleEF	LHD1	801.22	801.15
tblVehicleEF	LHD1	44.65	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.72	0.83
tblVehicleEF	LHD1	1.44	1.51
tblVehicleEF	LHD1	3.5300e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7260e-003	8.7280e-003
tblVehicleEF	LHD1	8.2970e-003	9.2190e-003
tblVehicleEF	LHD1	8.1200e-004	9.3800e-004
tblVehicleEF	LHD1	3.2500e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1810e-003	2.1820e-003
tblVehicleEF	LHD1	7.6430e-003	8.4930e-003

tblVehicleEF	LHD1	7.5300e-004	8.7000e-004
tblVehicleEF	LHD1	1.1520e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.3100e-004	6.1400e-004
tblVehicleEF	LHD1	0.09	0.11
tblVehicleEF	LHD1	0.58	0.59
tblVehicleEF	LHD1	0.42	0.47
tblVehicleEF	LHD1	8.8620e-003	8.8650e-003
tblVehicleEF	LHD1	5.9300e-004	5.9900e-004
tblVehicleEF	LHD1	1.1520e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.3100e-004	6.1400e-004
tblVehicleEF	LHD1	0.11	0.14
tblVehicleEF	LHD1	0.58	0.59
tblVehicleEF	LHD1	0.45	0.51
tblVehicleEF	LHD2	3.2530e-003	0.00
tblVehicleEF	LHD2	9.9000e-004	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.97	1.17
tblVehicleEF	LHD2	1.97	2.22
tblVehicleEF	LHD2	677.62	677.82
tblVehicleEF	LHD2	29.26	29.05
tblVehicleEF	LHD2	3.2530e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.14	1.32
tblVehicleEF	LHD2	0.79	0.84

tblVehicleEF	LHD2	1.0550e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9520e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.5500e-004	5.6400e-004
tblVehicleEF	LHD2	9.7000e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.4880e-003	2.4890e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.2300e-004	5.2400e-004
tblVehicleEF	LHD2	2.4500e-003	2.7260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6250e-003	1.7340e-003
tblVehicleEF	LHD2	0.10	0.12
tblVehicleEF	LHD2	0.31	0.35
tblVehicleEF	LHD2	0.18	0.21
tblVehicleEF	LHD2	7.4130e-003	7.4180e-003
tblVehicleEF	LHD2	3.6100e-004	3.6400e-004
tblVehicleEF	LHD2	2.4500e-003	2.7260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6250e-003	1.7340e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.31	0.35
tblVehicleEF	LHD2	0.19	0.22
tblVehicleEF	LHD2	9.9000e-004	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15

tblVehicleEF	LHD2	0.95	1.13
tblVehicleEF	LHD2	3.46	3.90
tblVehicleEF	LHD2	677.62	677.82
tblVehicleEF	LHD2	29.26	29.05
tblVehicleEF	LHD2	3.2530e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.22	1.41
tblVehicleEF	LHD2	0.89	0.94
tblVehicleEF	LHD2	1.0550e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9520e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.5500e-004	5.6400e-004
tblVehicleEF	LHD2	9.7000e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.4880e-003	2.4890e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.2300e-004	5.2400e-004
tblVehicleEF	LHD2	7.2700e-004	7.6500e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9400e-004	3.9900e-004
tblVehicleEF	LHD2	0.10	0.12
tblVehicleEF	LHD2	0.37	0.41
tblVehicleEF	LHD2	0.24	0.29
tblVehicleEF	LHD2	7.4130e-003	7.4180e-003
tblVehicleEF	LHD2	3.8600e-004	3.9300e-004
tblVehicleEF	LHD2	7.2700e-004	7.6500e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02

tbIVehicleEF	LHD2	3.9400e-004	3.9900e-004
tbIVehicleEF	LHD2	0.12	0.14
tbIVehicleEF	LHD2	0.37	0.41
tbIVehicleEF	LHD2	0.26	0.31
tbIVehicleEF	MCY	0.01	0.00
tbIVehicleEF	MCY	18.43	18.87
tbIVehicleEF	MCY	8.87	8.85
tbIVehicleEF	MCY	145.17	144.23
tbIVehicleEF	MCY	37.77	38.45
tbIVehicleEF	MCY	0.01	0.01
tbIVehicleEF	MCY	1.03	1.04
tbIVehicleEF	MCY	2.8500e-004	3.3200e-004
tbIVehicleEF	MCY	8.8600e-004	1.0770e-003
tbIVehicleEF	MCY	2.4200e-004	2.7800e-004
tbIVehicleEF	MCY	7.4400e-004	8.8700e-004
tbIVehicleEF	MCY	1.43	1.44
tbIVehicleEF	MCY	0.46	0.47
tbIVehicleEF	MCY	0.94	0.95
tbIVehicleEF	MCY	2.33	2.35
tbIVehicleEF	MCY	1.12	1.20
tbIVehicleEF	MCY	1.81	1.82
tbIVehicleEF	MCY	1.9760e-003	1.9720e-003
tbIVehicleEF	MCY	6.1600e-004	6.2300e-004
tbIVehicleEF	MCY	1.43	1.44
tbIVehicleEF	MCY	0.46	0.47
tbIVehicleEF	MCY	0.94	0.95
tbIVehicleEF	MCY	2.56	2.58
tbIVehicleEF	MCY	1.12	1.20
tbIVehicleEF	MCY	1.95	1.96
tbIVehicleEF	MCY	21.04	21.60



tblVehicleEF	MCY	12.80	12.69
tblVehicleEF	MCY	145.17	144.23
tblVehicleEF	MCY	37.77	38.45
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	1.26	1.26
tblVehicleEF	MCY	0.33	0.33
tblVehicleEF	MCY	2.8500e-004	3.3200e-004
tblVehicleEF	MCY	8.8600e-004	1.0770e-003
tblVehicleEF	MCY	2.4200e-004	2.7800e-004
tblVehicleEF	MCY	7.4400e-004	8.8700e-004
tblVehicleEF	MCY	0.22	0.22
tblVehicleEF	MCY	0.44	0.46
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.50	2.53
tblVehicleEF	MCY	1.59	1.69
tblVehicleEF	MCY	2.55	2.58
tblVehicleEF	MCY	2.0220e-003	2.0210e-003
tblVehicleEF	MCY	7.0100e-004	7.0800e-004
tblVehicleEF	MCY	0.22	0.22
tblVehicleEF	MCY	0.44	0.46
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.74	2.77
tblVehicleEF	MCY	1.59	1.69
tblVehicleEF	MCY	2.74	2.77
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.86	2.13
tblVehicleEF	MDV	2.81	3.21
tblVehicleEF	MDV	536.41	549.77

tblVehicleEF	MDV	101.52	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.19	0.22
tblVehicleEF	MDV	0.30	0.34
tblVehicleEF	MDV	2.4650e-003	2.4990e-003
tblVehicleEF	MDV	3.6210e-003	3.4510e-003
tblVehicleEF	MDV	2.2860e-003	2.3130e-003
tblVehicleEF	MDV	3.3590e-003	3.1960e-003
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.59	0.60
tblVehicleEF	MDV	0.25	0.29
tblVehicleEF	MDV	6.9100e-003	6.9080e-003
tblVehicleEF	MDV	1.3250e-003	1.3290e-003
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.59	0.60
tblVehicleEF	MDV	0.26	0.31
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.65	1.91
tblVehicleEF	MDV	4.83	5.49
tblVehicleEF	MDV	504.47	517.14
tblVehicleEF	MDV	101.52	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.23	0.27

tblVehicleEF	MDV	0.35	0.41
tblVehicleEF	MDV	2.4650e-003	2.4990e-003
tblVehicleEF	MDV	3.6210e-003	3.4510e-003
tblVehicleEF	MDV	2.2860e-003	2.3130e-003
tblVehicleEF	MDV	3.3590e-003	3.1960e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.79	0.80
tblVehicleEF	MDV	0.37	0.43
tblVehicleEF	MDV	6.4950e-003	6.4940e-003
tblVehicleEF	MDV	1.3600e-003	1.3690e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.79	0.80
tblVehicleEF	MDV	0.39	0.45
tblVehicleEF	MH	4.9400e-004	0.00
tblVehicleEF	MH	1.68	2.77
tblVehicleEF	MH	4.66	5.59
tblVehicleEF	MH	666.57	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9400e-004	5.0000e-004
tblVehicleEF	MH	0.97	1.12
tblVehicleEF	MH	0.64	0.73
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.0500e-004	9.1100e-004

tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.6200e-004	8.3100e-004
tblVehicleEF	MH	1.10	1.36
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.50	0.60
tblVehicleEF	MH	0.08	0.11
tblVehicleEF	MH	1.50	1.86
tblVehicleEF	MH	0.27	0.34
tblVehicleEF	MH	7.3570e-003	7.3760e-003
tblVehicleEF	MH	4.0000e-004	4.2000e-004
tblVehicleEF	MH	1.10	1.36
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.50	0.60
tblVehicleEF	MH	0.10	0.14
tblVehicleEF	MH	1.50	1.86
tblVehicleEF	MH	0.29	0.36
tblVehicleEF	MH	1.56	2.62
tblVehicleEF	MH	8.68	10.58
tblVehicleEF	MH	666.57	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9400e-004	5.0000e-004
tblVehicleEF	MH	1.07	1.25
tblVehicleEF	MH	0.72	0.82
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.0500e-004	9.1100e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.6200e-004	8.3100e-004

tblVehicleEF	MH	0.31	0.37
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	0.07	0.11
tblVehicleEF	MH	1.68	2.07
tblVehicleEF	MH	0.41	0.52
tblVehicleEF	MH	7.3550e-003	7.3730e-003
tblVehicleEF	MH	4.6700e-004	5.0400e-004
tblVehicleEF	MH	0.31	0.37
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	0.09	0.13
tblVehicleEF	MH	1.68	2.07
tblVehicleEF	MH	0.43	0.55
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	7.8060e-003	7.1860e-003
tblVehicleEF	MHD	4.9020e-003	5.2290e-003
tblVehicleEF	MHD	1.52	1.39
tblVehicleEF	MHD	0.61	0.73
tblVehicleEF	MHD	10.80	12.38
tblVehicleEF	MHD	606.12	605.99
tblVehicleEF	MHD	992.18	993.40
tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.53	4.78
tblVehicleEF	MHD	1.10	1.74
tblVehicleEF	MHD	1.48	1.68
tblVehicleEF	MHD	7.3900e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01

tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.5430e-003	1.8460e-003
tblVehicleEF	MHD	6.7990e-003	9.2440e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8590e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.4320e-003	1.7130e-003
tblVehicleEF	MHD	3.7880e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.17	0.15
tblVehicleEF	MHD	2.4780e-003	2.6690e-003
tblVehicleEF	MHD	0.12	0.13
tblVehicleEF	MHD	0.45	0.47
tblVehicleEF	MHD	0.71	0.82
tblVehicleEF	MHD	6.4250e-003	6.4240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.3900e-004	7.6700e-004
tblVehicleEF	MHD	3.7880e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	2.4780e-003	2.6690e-003
tblVehicleEF	MHD	0.14	0.15
tblVehicleEF	MHD	0.45	0.47
tblVehicleEF	MHD	0.76	0.88
tblVehicleEF	MHD	8.9420e-003	8.2320e-003
tblVehicleEF	MHD	4.9020e-003	5.2290e-003
tblVehicleEF	MHD	2.88	2.63
tblVehicleEF	MHD	0.60	0.71
tblVehicleEF	MHD	19.13	22.03
tblVehicleEF	MHD	525.19	525.08

tblVehicleEF	MHD	992.18	993.40
tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.27	4.43
tblVehicleEF	MHD	1.18	1.85
tblVehicleEF	MHD	1.66	1.88
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.5430e-003	1.8460e-003
tblVehicleEF	MHD	9.8140e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8590e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.4320e-003	1.7130e-003
tblVehicleEF	MHD	9.8300e-004	1.0250e-003
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	4.9400e-004	4.9200e-004
tblVehicleEF	MHD	0.12	0.13
tblVehicleEF	MHD	0.53	0.56
tblVehicleEF	MHD	0.99	1.16
tblVehicleEF	MHD	5.5670e-003	5.5660e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.7900e-004	9.2900e-004
tblVehicleEF	MHD	9.8300e-004	1.0250e-003
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.22	0.20
tblVehicleEF	MHD	4.9400e-004	4.9200e-004

tbIVehicleEF	MHD	0.14	0.15
tbIVehicleEF	MHD	0.53	0.56
tbIVehicleEF	MHD	1.06	1.23
tbIVehicleEF	OBUS	3.1490e-003	0.00
tbIVehicleEF	OBUS	0.02	0.02
tbIVehicleEF	OBUS	2.9390e-003	2.7600e-003
tbIVehicleEF	OBUS	2.40	1.99
tbIVehicleEF	OBUS	1.02	1.21
tbIVehicleEF	OBUS	6.62	7.36
tbIVehicleEF	OBUS	565.16	566.66
tbIVehicleEF	OBUS	1,013.61	1,011.27
tbIVehicleEF	OBUS	32.73	32.73
tbIVehicleEF	OBUS	3.1490e-003	3.1290e-003
tbIVehicleEF	OBUS	3.30	4.79
tbIVehicleEF	OBUS	1.18	2.09
tbIVehicleEF	OBUS	1.17	1.29
tbIVehicleEF	OBUS	7.4120e-003	8.0480e-003
tbIVehicleEF	OBUS	0.09	0.09
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	4.6800e-004	5.3000e-004
tbIVehicleEF	OBUS	6.8190e-003	7.4040e-003
tbIVehicleEF	OBUS	0.04	0.04
tbIVehicleEF	OBUS	2.5810e-003	2.5720e-003
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	4.3400e-004	4.9100e-004
tbIVehicleEF	OBUS	1.2330e-003	1.2390e-003
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	0.53	0.44
tbIVehicleEF	OBUS	7.5200e-004	7.4800e-004



tbIVehicleEF	OBUS	0.13	0.14
tbIVehicleEF	OBUS	0.28	0.27
tbIVehicleEF	OBUS	0.45	0.50
tbIVehicleEF	OBUS	5.9910e-003	6.0070e-003
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	4.8100e-004	4.9400e-004
tbIVehicleEF	OBUS	1.2330e-003	1.2390e-003
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	0.60	0.50
tbIVehicleEF	OBUS	7.5200e-004	7.4800e-004
tbIVehicleEF	OBUS	0.16	0.17
tbIVehicleEF	OBUS	0.28	0.27
tbIVehicleEF	OBUS	0.48	0.54
tbIVehicleEF	OBUS	0.03	0.02
tbIVehicleEF	OBUS	2.9390e-003	2.7600e-003
tbIVehicleEF	OBUS	4.55	3.78
tbIVehicleEF	OBUS	0.99	1.17
tbIVehicleEF	OBUS	11.79	13.14
tbIVehicleEF	OBUS	489.70	491.00
tbIVehicleEF	OBUS	1,013.61	1,011.27
tbIVehicleEF	OBUS	32.73	32.73
tbIVehicleEF	OBUS	3.1490e-003	3.1290e-003
tbIVehicleEF	OBUS	3.06	4.44
tbIVehicleEF	OBUS	1.28	2.25
tbIVehicleEF	OBUS	1.31	1.45
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	0.09	0.09
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	4.6800e-004	5.3000e-004

tblVehicleEF	OBUS	9.8420e-003	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5810e-003	2.5720e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.3400e-004	4.9100e-004
tblVehicleEF	OBUS	4.4800e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	1.6200e-004	1.5600e-004
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	0.31	0.31
tblVehicleEF	OBUS	0.63	0.71
tblVehicleEF	OBUS	5.1910e-003	5.2050e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.6800e-004	5.9200e-004
tblVehicleEF	OBUS	4.4800e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.69	0.57
tblVehicleEF	OBUS	1.6200e-004	1.5600e-004
tblVehicleEF	OBUS	0.15	0.16
tblVehicleEF	OBUS	0.31	0.31
tblVehicleEF	OBUS	0.67	0.76
tblVehicleEF	SBUS	5.1700e-004	0.00
tblVehicleEF	SBUS	4.3790e-003	4.1970e-003
tblVehicleEF	SBUS	5.0740e-003	4.8430e-003
tblVehicleEF	SBUS	0.82	0.76
tblVehicleEF	SBUS	1.41	1.46
tblVehicleEF	SBUS	14.83	15.64
tblVehicleEF	SBUS	585.28	579.49
tblVehicleEF	SBUS	983.85	988.14

tblVehicleEF	SBUS	115.30	115.30
tblVehicleEF	SBUS	5.1700e-004	5.2900e-004
tblVehicleEF	SBUS	7.58	7.82
tblVehicleEF	SBUS	5.56	5.87
tblVehicleEF	SBUS	1.85	1.90
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.1470e-003	1.2320e-003
tblVehicleEF	SBUS	9.4430e-003	0.01
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6420e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.0640e-003	1.1430e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.15	0.14
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.17	0.18
tblVehicleEF	SBUS	0.95	0.91
tblVehicleEF	SBUS	1.09	1.15
tblVehicleEF	SBUS	6.2040e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5460e-003	1.5610e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.15	0.14
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.20	0.20

tblVehicleEF	SBUS	0.95	0.91
tblVehicleEF	SBUS	1.17	1.23
tblVehicleEF	SBUS	5.0160e-003	4.8080e-003
tblVehicleEF	SBUS	5.0740e-003	4.8430e-003
tblVehicleEF	SBUS	1.55	1.45
tblVehicleEF	SBUS	1.35	1.40
tblVehicleEF	SBUS	20.96	22.10
tblVehicleEF	SBUS	507.13	502.12
tblVehicleEF	SBUS	983.85	988.14
tblVehicleEF	SBUS	115.30	115.30
tblVehicleEF	SBUS	5.1700e-004	5.2900e-004
tblVehicleEF	SBUS	7.02	7.24
tblVehicleEF	SBUS	5.95	6.28
tblVehicleEF	SBUS	2.09	2.15
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.1470e-003	1.2320e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6420e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.0640e-003	1.1430e-003
tblVehicleEF	SBUS	7.1220e-003	6.5920e-003
tblVehicleEF	SBUS	0.16	0.15
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	2.5390e-003	2.3080e-003
tblVehicleEF	SBUS	0.17	0.17
tblVehicleEF	SBUS	1.37	1.32

tblVehicleEF	SBUS	1.34	1.41
tblVehicleEF	SBUS	5.3760e-003	5.3230e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6500e-003	1.6700e-003
tblVehicleEF	SBUS	7.1220e-003	6.5920e-003
tblVehicleEF	SBUS	0.16	0.15
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	2.5390e-003	2.3080e-003
tblVehicleEF	SBUS	0.20	0.20
tblVehicleEF	SBUS	1.37	1.32
tblVehicleEF	SBUS	1.43	1.51
tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	3.82	3.84
tblVehicleEF	UBUS	3.45	3.47
tblVehicleEF	UBUS	2,105.24	2,108.15
tblVehicleEF	UBUS	8.39	8.39
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.48	9.58
tblVehicleEF	UBUS	0.31	0.30
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	4.5100e-004	4.5400e-004
tblVehicleEF	UBUS	0.15	0.15
tblVehicleEF	UBUS	4.1900e-004	4.2100e-004
tblVehicleEF	UBUS	3.5110e-003	3.5050e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	0.76	0.76
tblVehicleEF	UBUS	0.48	0.45
tblVehicleEF	UBUS	0.24	0.24
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.5110e-003	3.5050e-003

tbIVehicleEF	UBUS	0.05	0.05
tbIVehicleEF	UBUS	0.84	0.84
tbIVehicleEF	UBUS	0.48	0.45
tbIVehicleEF	UBUS	0.26	0.26
tbIVehicleEF	UBUS	3.69	3.72
tbIVehicleEF	UBUS	6.11	6.15
tbIVehicleEF	UBUS	2,105.24	2,108.15
tbIVehicleEF	UBUS	8.39	8.39
tbIVehicleEF	UBUS	0.01	0.01
tbIVehicleEF	UBUS	10.08	10.19
tbIVehicleEF	UBUS	0.34	0.34
tbIVehicleEF	UBUS	0.16	0.16
tbIVehicleEF	UBUS	4.5100e-004	4.5400e-004
tbIVehicleEF	UBUS	0.15	0.15
tbIVehicleEF	UBUS	4.1900e-004	4.2100e-004
tbIVehicleEF	UBUS	8.8800e-004	8.8400e-004
tbIVehicleEF	UBUS	0.06	0.06
tbIVehicleEF	UBUS	2.5100e-004	2.4900e-004
tbIVehicleEF	UBUS	0.73	0.73
tbIVehicleEF	UBUS	0.64	0.60
tbIVehicleEF	UBUS	0.37	0.36
tbIVehicleEF	UBUS	0.02	0.02
tbIVehicleEF	UBUS	8.8800e-004	8.8400e-004
tbIVehicleEF	UBUS	0.06	0.06
tbIVehicleEF	UBUS	2.5100e-004	2.4900e-004
tbIVehicleEF	UBUS	0.80	0.80
tbIVehicleEF	UBUS	0.64	0.60
tbIVehicleEF	UBUS	0.39	0.39
tbIVehicleTrips	CC_TL	7.30	0.00
tbIVehicleTrips	CC_TL	7.30	0.00

tblVehicleTrips	CC_TL	7.30	0.96
tblVehicleTrips	CC_TL	7.30	13.40
tblVehicleTrips	CC_TL	7.30	1.14
tblVehicleTrips	CC_TL	7.30	2.55
tblVehicleTrips	CC_TL	7.30	1.09
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.96
tblVehicleTrips	CNW_TL	7.30	13.40
tblVehicleTrips	CNW_TL	7.30	1.14
tblVehicleTrips	CNW_TL	7.30	2.55
tblVehicleTrips	CNW_TL	7.30	1.09
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.96
tblVehicleTrips	CW_TL	9.50	13.40
tblVehicleTrips	CW_TL	9.50	1.14
tblVehicleTrips	CW_TL	9.50	2.55
tblVehicleTrips	CW_TL	9.50	1.09
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	5.40	4.72
tblVehicleTrips	HS_TL	4.30	4.72
tblVehicleTrips	HW_TL	12.40	4.72
tblVehicleTrips	PB_TP	3.00	0.00

tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	51.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	1.71
tblVehicleTrips	ST_TR	1.59	2.93
tblVehicleTrips	ST_TR	696.00	80.59
tblVehicleTrips	ST_TR	2.37	3.05
tblVehicleTrips	ST_TR	158.37	28.90
tblVehicleTrips	ST_TR	1.49	0.47
tblVehicleTrips	ST_TR	42.04	20.16
tblVehicleTrips	SU_TR	6.07	1.71
tblVehicleTrips	SU_TR	1.59	2.93
tblVehicleTrips	SU_TR	500.00	80.59
tblVehicleTrips	SU_TR	0.98	3.05
tblVehicleTrips	SU_TR	131.84	28.90
tblVehicleTrips	SU_TR	0.62	0.47
tblVehicleTrips	SU_TR	20.43	20.16
tblVehicleTrips	WD_TR	6.59	1.71
tblVehicleTrips	WD_TR	1.59	2.93
tblVehicleTrips	WD_TR	716.00	80.59



tblVehicleTrips	WD_TR	11.01	3.05
tblVehicleTrips	WD_TR	127.15	28.90
tblVehicleTrips	WD_TR	3.82	0.47
tblVehicleTrips	WD_TR	44.32	20.16
tblWater	IndoorWaterUseRate	20,067,439.89	36,421,100.32
tblWater	IndoorWaterUseRate	2,070,099.92	3,105,149.88
tblWater	IndoorWaterUseRate	22,266,483.95	36,682,468.25
tblWater	IndoorWaterUseRate	4,829,221.36	10,581,185.22
tblWater	IndoorWaterUseRate	0.00	44,053,125.00
tblWater	IndoorWaterUseRate	694,800.25	5,648,029.76
tblWater	OutdoorWaterUseRate	12,651,212.11	22,961,128.46
tblWater	OutdoorWaterUseRate	0.00	6,100,384.51
tblWater	OutdoorWaterUseRate	132,134.04	198,201.06
tblWater	OutdoorWaterUseRate	13,647,199.84	22,482,803.12
tblWater	OutdoorWaterUseRate	308,248.17	675,394.80
tblWater	OutdoorWaterUseRate	425,845.32	3,461,695.66
tblWoodstoves	NumberCatalytic	1.54	0.00
tblWoodstoves	NumberNoncatalytic	1.54	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					
2017	0.0906	0.8462	1.2272	2.4600e-003	0.0704	0.0145	0.0849	0.0190	0.0133	0.0323	0.0000	213.6336	213.6336	0.0172	0.0000	213.9947

<b>Total</b>	<b>0.0906</b>	<b>0.8462</b>	<b>1.2272</b>	<b>2.4600e-003</b>	<b>0.0704</b>	<b>0.0145</b>	<b>0.0849</b>	<b>0.0190</b>	<b>0.0133</b>	<b>0.0323</b>	<b>0.0000</b>	<b>213.6336</b>	<b>213.6336</b>	<b>0.0172</b>	<b>0.0000</b>	<b>213.9947</b>
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**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										M1/yr					
2017	0.0850	1.0185	1.3857	2.4600e-003	0.0704	8.2100e-003	0.0786	0.0190	7.6600e-003	0.0267	0.0000	213.6336	213.6336	0.0172	0.0000	213.9946
<b>Total</b>	<b>0.0850</b>	<b>1.0185</b>	<b>1.3857</b>	<b>2.4600e-003</b>	<b>0.0704</b>	<b>8.2100e-003</b>	<b>0.0786</b>	<b>0.0190</b>	<b>7.6600e-003</b>	<b>0.0267</b>	<b>0.0000</b>	<b>213.6336</b>	<b>213.6336</b>	<b>0.0172</b>	<b>0.0000</b>	<b>213.9946</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>6.25</b>	<b>-20.37</b>	<b>-12.92</b>	<b>0.00</b>	<b>0.00</b>	<b>43.30</b>	<b>7.40</b>	<b>0.00</b>	<b>42.49</b>	<b>17.51</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**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										M1/yr					
Area	0.3685	0.0264	2.2930	1.2000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	6.7040	6.7040	3.6800e-003	5.0000e-005	6.7981
Energy	0.0255	0.2313	0.1914	1.3900e-003		0.0176	0.0176		0.0176	0.0176	0.0000	1,891.1975	1,891.1975	0.0789	0.0200	1,899.0420
Mobile	0.6017	0.4347	4.6299	0.0158	0.6324	0.0116	0.6440	0.1793	0.0108	0.1901	0.0000	993.2020	993.2020	0.0447	0.0000	994.1416

Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4599	0.1076	442.0521
<b>Total</b>	<b>0.9956</b>	<b>0.6924</b>	<b>7.1143</b>	<b>0.0173</b>	<b>0.6324</b>	<b>0.0421</b>	<b>0.6745</b>	<b>0.1793</b>	<b>0.0413</b>	<b>0.2206</b>	<b>306.8800</b>	<b>3,162.853</b>	<b>3,469.7331</b>	<b>20.1642</b>	<b>0.1276</b>	<b>3,932.728</b>
												<b>1</b>				<b>4</b>

### 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	0.0963	0.0264	2.2930	1.2000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	6.7040	6.7040	3.6800e-003	5.0000e-005	6.7981
Energy	0.0255	0.2313	0.1914	1.3900e-003		0.0176	0.0176		0.0176	0.0176	0.0000	1,891.197	1,891.1975	0.0789	0.0200	1,899.042
Mobile	0.6017	0.4347	4.6299	0.0158	0.6324	0.0116	0.6440	0.1793	0.0108	0.1901	0.0000	993.2020	993.2020	0.0447	0.0000	994.1416
Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4590	0.1074	441.9830
<b>Total</b>	<b>0.7235</b>	<b>0.6924</b>	<b>7.1143</b>	<b>0.0173</b>	<b>0.6324</b>	<b>0.0421</b>	<b>0.6745</b>	<b>0.1793</b>	<b>0.0413</b>	<b>0.2206</b>	<b>306.8800</b>	<b>3,162.853</b>	<b>3,469.7331</b>	<b>20.1634</b>	<b>0.1274</b>	<b>3,932.659</b>
												<b>1</b>				<b>3</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>27.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.13</b>	<b>0.00</b>

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	AREA 1 - Demo + Rough Grade	Grading	4/3/2017	6/23/2017	5	60	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
AREA 1 - Demo + Rough Grade	Bore/Drill Rigs	2	8.00	200	0.50

**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
AREA 1 - Demo + Rough Grade	2	80.00	0.00	5,200.00	20.40	16.00	16.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

- Use Cleaner Engines for Construction Equipment
- Use DPF for Construction Equipment
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads

**3.2 AREA 1 - Demo + Rough Grade - 2017**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

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	0.0184	0.2668	0.1166	5.1000e-004		7.6700e-003	7.6700e-003		7.0600e-003	7.0600e-003	0.0000	47.4373	47.4373	0.0145	0.0000	47.7425
<b>Total</b>	<b>0.0184</b>	<b>0.2668</b>	<b>0.1166</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>7.6700e-003</b>	<b>7.6700e-003</b>	<b>0.0000</b>	<b>7.0600e-003</b>	<b>7.0600e-003</b>	<b>0.0000</b>	<b>47.4373</b>	<b>47.4373</b>	<b>0.0145</b>	<b>0.0000</b>	<b>47.7425</b>

**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	0.0629	0.5624	0.9444	1.4800e-003	0.0346	6.5100e-003	0.0411	9.4800e-003	5.9800e-003	0.0155	0.0000	132.1855	132.1855	9.6000e-004	0.0000	132.2056
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	9.3600e-003	0.0169	0.1661	4.6000e-004	0.0358	3.1000e-004	0.0361	9.5200e-003	2.8000e-004	9.8000e-003	0.0000	34.0109	34.0109	1.7000e-003	0.0000	34.0467
<b>Total</b>	<b>0.0723</b>	<b>0.5793</b>	<b>1.1106</b>	<b>1.9400e-003</b>	<b>0.0704</b>	<b>6.8200e-003</b>	<b>0.0772</b>	<b>0.0190</b>	<b>6.2600e-003</b>	<b>0.0253</b>	<b>0.0000</b>	<b>166.1963</b>	<b>166.1963</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>166.2522</b>

**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	0.0127	0.4392	0.2751	5.1000e-004		1.4000e-003	1.4000e-003		1.4000e-003	1.4000e-003	0.0000	47.4372	47.4372	0.0145	0.0000	47.7424
<b>Total</b>	<b>0.0127</b>	<b>0.4392</b>	<b>0.2751</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>1.4000e-003</b>	<b>1.4000e-003</b>	<b>0.0000</b>	<b>1.4000e-003</b>	<b>1.4000e-003</b>	<b>0.0000</b>	<b>47.4372</b>	<b>47.4372</b>	<b>0.0145</b>	<b>0.0000</b>	<b>47.7424</b>

**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	0.0629	0.5624	0.9444	1.4800e-003	0.0346	6.5100e-003	0.0411	9.4800e-003	5.9800e-003	0.0155	0.0000	132.1855	132.1855	9.6000e-004	0.0000	132.2056
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	9.3600e-003	0.0169	0.1661	4.6000e-004	0.0358	3.1000e-004	0.0361	9.5200e-003	2.8000e-004	9.8000e-003	0.0000	34.0109	34.0109	1.7000e-003	0.0000	34.0467
<b>Total</b>	<b>0.0723</b>	<b>0.5793</b>	<b>1.1106</b>	<b>1.9400e-003</b>	<b>0.0704</b>	<b>6.8200e-003</b>	<b>0.0772</b>	<b>0.0190</b>	<b>6.2600e-003</b>	<b>0.0253</b>	<b>0.0000</b>	<b>166.1963</b>	<b>166.1963</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>166.2522</b>

**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	0.6017	0.4347	4.6299	0.0158	0.6324	0.0116	0.6440	0.1793	0.0108	0.1901	0.0000	993.2020	993.2020	0.0447	0.0000	994.1416
Unmitigated	0.6017	0.4347	4.6299	0.0158	0.6324	0.0116	0.6440	0.1793	0.0108	0.1901	0.0000	993.2020	993.2020	0.0447	0.0000	994.1416

**4.2 Trip Summary Information**

	Average Daily Trip Rate	Unmitigated	Mitigated
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Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	528.13	528.13	528.13	906,483	906,483
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	549.62	549.62	549.62	191,830	191,830
General Office Building	382.14	382.14	382.14	1,864,497	1,864,497
High Turnover (Sit Down Restaurant)	459.83	459.83	459.83	190,776	190,776
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Strip Mall	189.09	189.09	189.09	75,024	75,024
Strip Mall	0.00	0.00	0.00		
<b>Total</b>	<b>2,108.81</b>	<b>2,108.81</b>	<b>2,108.81</b>	<b>3,228,611</b>	<b>3,228,611</b>

### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-NW	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	4.72	4.72	4.72	26.10	29.10	44.80	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive	0.96	0.96	0.96	1.50	79.50	19.00	100	0	0
General Office Building	13.40	13.40	13.40	33.00	48.00	19.00	100	0	0
High Turnover (Sit Down)	1.14	1.14	1.14	8.50	72.50	19.00	100	0	0
High Turnover (Sit Down)	1.14	1.14	1.14	8.50	72.50	19.00	100	0	0
Manufacturing	2.55	2.55	2.55	59.00	28.00	13.00	100	0	0
Strip Mall	1.09	1.09	1.09	16.60	64.40	19.00	100	0	0
Strip Mall	1.09	1.09	1.09	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.689839	0.063945	0.161776	0.084440	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

### 5.0 Energy Detail

## 4.4 Fleet Mix

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	1,638.9731	1,638.9731	0.0741	0.0153	1,645.2827
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,638.9731	1,638.9731	0.0741	0.0153	1,645.2827
NaturalGas Mitigated	0.0255	0.2313	0.1914	1.3900e-003		0.0176	0.0176		0.0176	0.0176	0.0000	252.2244	252.2244	4.8300e-003	4.6200e-003	253.7593
NaturalGas Unmitigated	0.0255	0.2313	0.1914	1.3900e-003		0.0176	0.0176		0.0176	0.0176	0.0000	252.2244	252.2244	4.8300e-003	4.6200e-003	253.7593

## 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					
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive Thru	1.8999e+06	0.0102	0.0931	0.0782	5.6000e-004		7.0800e-003	7.0800e-003		7.0800e-003	7.0800e-003	0.0000	101.3861	101.3861	1.9400e-003	1.8600e-003	102.0031
General Office Building	152836	8.2000e-004	7.4900e-003	6.2900e-003	4.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1559	8.1559	1.6000e-004	1.5000e-004	8.2055



High Turnover (Sit Down Restaurant)	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	
High Turnover (Sit Down Restaurant)	2.45921e+006	0.0133	0.1206	0.1013	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	131.2330	131.2330	2.5200e-003	2.4100e-003	132.0316
Manufacturing	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	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	66713.1	3.6000e-004	3.2700e-003	2.7500e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	3.5601	3.5601	7.0000e-005	7.0000e-005	3.5817
Apartments High Rise	147840	8.0000e-004	6.8100e-003	2.9000e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.8893	7.8893	1.5000e-004	1.4000e-004	7.9373
<b>Total</b>		<b>0.0255</b>	<b>0.2313</b>	<b>0.1914</b>	<b>1.3800e-003</b>		<b>0.0176</b>	<b>0.0176</b>		<b>0.0176</b>	<b>0.0176</b>	<b>0.0000</b>	<b>252.2244</b>	<b>252.2244</b>	<b>4.8400e-003</b>	<b>4.6300e-003</b>	<b>253.7593</b>

**Mitigated**

	Natural Gas 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					
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive Thru	1.8999e+006	0.0102	0.0931	0.0782	5.6000e-004		7.0800e-003	7.0800e-003		7.0800e-003	7.0800e-003	0.0000	101.3861	101.3861	1.9400e-003	1.8600e-003	102.0031
General Office Building	152836	8.2000e-004	7.4900e-003	6.2900e-003	4.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1559	8.1559	1.6000e-004	1.5000e-004	8.2055
High Turnover (Sit Down Restaurant)	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
High Turnover (Sit Down Restaurant)	2.45921e+006	0.0133	0.1206	0.1013	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	131.2330	131.2330	2.5200e-003	2.4100e-003	132.0316
Manufacturing	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	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	66713.1	3.6000e-004	3.2700e-003	2.7500e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	3.5601	3.5601	7.0000e-005	7.0000e-005	3.5817
Apartments High Rise	147840	8.0000e-004	6.8100e-003	2.9000e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.8893	7.8893	1.5000e-004	1.4000e-004	7.9373

Total		0.0255	0.2313	0.1914	1.3800e-003		0.0176	0.0176		0.0176	0.0176	0.0000	252.2244	252.2244	4.8400e-003	4.6300e-003	253.7593
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### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.83254e+006	824.0194	0.0373	7.7100e-003	827.1916
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	890546	259.0699	0.0117	2.4200e-003	260.0673
Fast Food Restaurant w/o Drive Thru	328969	95.7007	4.3300e-003	9.0000e-004	96.0691
General Office Building	930793	270.7784	0.0122	2.5300e-003	271.8208
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	558088	162.3541	7.3400e-003	1.5200e-003	162.9791
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	92985.5	27.0506	1.2200e-003	2.5000e-004	27.1547
<b>Total</b>		<b>1,638.9732</b>	<b>0.0741</b>	<b>0.0153</b>	<b>1,645.2827</b>

#### Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.83254e+006	824.0194	0.0373	7.7100e-003	827.1916
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	890546	259.0699	0.0117	2.4200e-003	260.0673
Fast Food Restaurant w/o Drive Thru	328969	95.7007	4.3300e-003	9.0000e-004	96.0691
General Office Building	930793	270.7784	0.0122	2.5300e-003	271.8208
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	558088	162.3541	7.3400e-003	1.5200e-003	162.9791
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	92985.5	27.0506	1.2200e-003	2.5000e-004	27.1547
<b>Total</b>		<b>1,638.9732</b>	<b>0.0741</b>	<b>0.0153</b>	<b>1,645.2827</b>

## 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



Hearth	3.0000e-004	0.0000	2.0000e-005	0.0000		2.1000e-004	2.1000e-004		2.0000e-004	2.0000e-004	0.0000	2.9615	2.9615	6.0000e-005	5.0000e-005	2.9795
Landscaping	0.0695	0.0264	2.2929	1.2000e-004		0.0127	0.0127		0.0127	0.0127	0.0000	3.7425	3.7425	3.6200e-003	0.0000	3.8186
<b>Total</b>	<b>0.0963</b>	<b>0.0264</b>	<b>2.2930</b>	<b>1.2000e-004</b>		<b>0.0129</b>	<b>0.0129</b>		<b>0.0129</b>	<b>0.0129</b>	<b>0.0000</b>	<b>6.7040</b>	<b>6.7040</b>	<b>3.6800e-003</b>	<b>5.0000e-005</b>	<b>6.7981</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	315.0520	4.4590	0.1074	441.9830
Unmitigated	315.0520	4.4599	0.1076	442.0521

### 7.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	36.4211 / 22.9611	92.2648	1.1904	0.0288	126.1849
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	3.10515 / 0.198201	6.0748	0.1014	2.4400e-003	8.9598

General Office Building	36.6825 / 22.4828	92.2721	1.1989	0.0290	126.4331
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3456	8.3000e-003	30.5318
Manufacturing	44.0531 / 0	83.3210	1.4386	0.0345	124.2402
Strip Mall	5.64803 / 3.4617	14.2072	0.1846	4.4600e-003	19.4670
<b>Total</b>		<b>315.0520</b>	<b>4.4598</b>	<b>0.1076</b>	<b>442.0521</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	36.4211 / 22.9611	92.2648	1.1902	0.0287	126.1665
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	3.10515 / 0.198201	6.0748	0.1014	2.4300e-003	8.9583
General Office Building	36.6825 / 22.4828	92.2721	1.1987	0.0289	126.4145
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3455	8.2900e-003	30.5264
Manufacturing	44.0531 / 0	83.3210	1.4384	0.0345	124.2179
Strip Mall	5.64803 / 3.4617	14.2072	0.1846	4.4500e-003	19.4642
<b>Total</b>		<b>315.0520</b>	<b>4.4591</b>	<b>0.1074</b>	<b>441.9830</b>

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Unmitigated	263.5777	15.5770	0.0000	590.6946
Mitigated	263.5777	15.5770	0.0000	590.6946

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	191.94	38.9621	2.3026	0.0000	87.3165
High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206

<b>Total</b>		<b>263.5777</b>	<b>15.5770</b>	<b>0.0000</b>	<b>590.6946</b>
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### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	191.94	38.9621	2.3026	0.0000	87.3165
High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206
<b>Total</b>		<b>263.5777</b>	<b>15.5770</b>	<b>0.0000</b>	<b>590.6946</b>

### 9.0 Operational Offroad

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



f. Area 3 | **Assumption B**

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### Mission Rock - Operational Area 3 San Francisco County, Annual

## 1.0 Project Characteristics

### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	125.28	1000sqft	2.88	125,275.00	0
Manufacturing	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	227.18	1000sqft	5.22	227,180.00	0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	48,366.00	0
City Park	0.00	Acre	0.00	0.00	0
Fast Food Restaurant w/o Drive Thru	6.82	1000sqft	0.16	6,818.00	0
High Turnover (Sit Down Restaurant)	15.91	1000sqft	0.37	15,909.00	0
High Turnover (Sit Down Restaurant)	0.00	1000sqft	0.00	0.00	0
Apartments High Rise	308.00	Dwelling Unit	4.97	307,720.00	881
Strip Mall	9.38	1000sqft	0.22	9,383.00	0
Strip Mall	0.00	1000sqft	0.00	0.00	0

### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2022
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	641.35	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - May need to change operational date from 2020; plus there are multiple phases of operation coming online at different times

Land Use - Acreages will have to be updated as well, I had no acreage info to go on.

Construction Phase - Schedule specified by the applicant. Start date currently set for 4/3/17. All phases trickle down from this date, based on phase durations from applicant

Off-road Equipment - No equipment. Phase is just for fugitive emissions.

Off-road Equipment - Provided by applicant. Dump truck and water truck calculated outside of CalEEMod. Jet Grout Rig = Bore/Drill Rig.

Trips and VMT - All trips (and trip lengths) are one-way (times 2 for round trips). # of workers was doubled to calculate one-way worker trips. Hauling trips from applicant are already one-way trips. These are total trips including worker and material hauling.

On-road Fugitive Dust - No changes

Demolition - No extra demo trips

Grading - From applicant. The applicant showed material movement in the foundations phase; since CalEEMod doesn't allow entry for bldg construction phase, this material was included in the demo phase.

Architectural Coating - For Study Scenario A, based on CalEEMod defaults and land use data (since no land use data was entered into this model run).

Vehicle Trips - Trip rate and trip percentage values from TIA (June 2016). Trip lengths for High Com (Scen A) from F&P: 3.5 for res, 9.5 for office, 1.0 for retail, 2.2 for Dist 12

Vehicle Emission Factors - Trucks modeled outside of CalEEMod. Only includes light duty vehicles scaled up from default values.

Woodstoves - From 151201\_Mission Rock AQ Modeling Assumptions Rev3\_P+Ws\_clean.docx. No woodstoves. 20% gas fireplaces

Consumer Products - Removed consumer product emissions to model outside CalEEMod (to remove sqft from non-consumer land uses).

Energy Use - Assuming 1,000 sq ft per dwelling unit for Apartments High Rise

Construction Off-road Equipment Mitigation - Based on BAAQMD MMs

Area Mitigation - Per Brian Schuster's direction

Area Coating - From Off-Model sheet, ArchCoatings tab

Road Dust - For paved roads, composite silt loading calculated from Miscellaneous Process Methodology 7.9 - Entrained Road Travel, Paved Road Dust tables 8 (road fractions) and 9 (silt loading factors)

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	216466	78693
tblAreaCoating	Area_Nonresidential_Interior	649397	236078
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	30.00	60.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.63	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	4.07	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	3.43	0.00
tblEnergyUse	LightingElect	5.51	0.00
tblEnergyUse	NT24E	2,561.86	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24NG	1,662.00	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	6.90	0.00
tblEnergyUse	NT24NG	0.70	0.00
tblEnergyUse	T24E	312.05	9,196.57
tblEnergyUse	T24E	3.26	48.25
tblEnergyUse	T24E	5.01	7.43
tblEnergyUse	T24E	3.26	35.08
tblEnergyUse	T24E	2.74	9.91
tblEnergyUse	T24NG	7,191.67	480.00
tblEnergyUse	T24NG	41.99	278.66
tblEnergyUse	T24NG	19.28	1.22

tblEnergyUse	T24NG	41.99	154.58
tblEnergyUse	T24NG	4.10	7.11
tblFireplaces	NumberGas	169.40	61.60
tblFireplaces	NumberNoFireplace	95.48	246.40
tblFireplaces	NumberWood	43.12	0.00
tblLandUse	LandUseSquareFeet	125,280.00	125,275.00
tblLandUse	LandUseSquareFeet	0.00	48,366.00
tblLandUse	LandUseSquareFeet	6,820.00	6,818.00
tblLandUse	LandUseSquareFeet	15,910.00	15,909.00
tblLandUse	LandUseSquareFeet	308,000.00	307,720.00
tblLandUse	LandUseSquareFeet	9,380.00	9,383.00
tblOffRoadEquipment	HorsePower	205.00	200.00
tblProjectCharacteristics	OperationalYear	2014	2022
tblRoadDust	RoadSiltLoading	0.1	0.042976
tblSolidWaste	SolidWasteGenerationRate	141.68	257.14
tblSolidWaste	SolidWasteGenerationRate	0.00	0.44
tblSolidWaste	SolidWasteGenerationRate	78.56	117.84
tblSolidWaste	SolidWasteGenerationRate	116.51	191.94
tblSolidWaste	SolidWasteGenerationRate	189.33	414.83
tblSolidWaste	SolidWasteGenerationRate	0.00	236.22
tblSolidWaste	SolidWasteGenerationRate	9.85	80.06
tblTripsAndVMT	HaulingTripLength	20.00	16.00
tblTripsAndVMT	HaulingTripNumber	0.00	5,200.00
tblTripsAndVMT	VendorTripLength	7.30	16.00
tblTripsAndVMT	WorkerTripLength	12.40	20.40
tblTripsAndVMT	WorkerTripNumber	25.00	80.00
tblVehicleEF	HHD	4.1220e-003	0.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.01	9.9070e-003
tblVehicleEF	HHD	2.50	2.29

tblVehicleEF	HHD	3.63	3.96
tblVehicleEF	HHD	44.60	47.11
tblVehicleEF	HHD	558.89	559.68
tblVehicleEF	HHD	1,469.10	1,457.70
tblVehicleEF	HHD	49.32	50.48
tblVehicleEF	HHD	4.1220e-003	4.0430e-003
tblVehicleEF	HHD	3.42	4.10
tblVehicleEF	HHD	2.81	3.83
tblVehicleEF	HHD	3.62	3.76
tblVehicleEF	HHD	8.2150e-003	8.6950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.0980e-003	1.6010e-003
tblVehicleEF	HHD	7.5580e-003	8.0000e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.1850e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	1.0190e-003	1.4180e-003
tblVehicleEF	HHD	2.7830e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.58	0.53
tblVehicleEF	HHD	2.1690e-003	2.3420e-003
tblVehicleEF	HHD	0.27	0.27
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.38	1.59
tblVehicleEF	HHD	5.9240e-003	5.9330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2900e-003	1.3490e-003
tblVehicleEF	HHD	2.7830e-003	3.0730e-003

tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	2.1690e-003	2.3420e-003
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tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.47	1.70
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	9.9070e-003
tblVehicleEF	HHD	4.74	4.35
tblVehicleEF	HHD	3.48	3.80
tblVehicleEF	HHD	82.25	86.21
tblVehicleEF	HHD	484.26	484.95
tblVehicleEF	HHD	1,469.10	1,457.70
tblVehicleEF	HHD	49.32	50.48
tblVehicleEF	HHD	4.1220e-003	4.0430e-003
tblVehicleEF	HHD	3.16	3.80
tblVehicleEF	HHD	3.03	4.11
tblVehicleEF	HHD	4.07	4.23
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tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.0980e-003	1.6010e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.1850e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	1.0190e-003	1.4180e-003
tblVehicleEF	HHD	7.3900e-004	7.5600e-004
tblVehicleEF	HHD	0.08	0.10



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tbIVehicleEF	HHD	0.52	0.55
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tbIVehicleEF	HHD	5.1330e-003	5.1410e-003
tbIVehicleEF	HHD	0.02	0.02
tbIVehicleEF	HHD	1.9040e-003	1.9910e-003
tbIVehicleEF	HHD	7.3900e-004	7.5600e-004
tbIVehicleEF	HHD	0.08	0.10
tbIVehicleEF	HHD	0.75	0.69
tbIVehicleEF	HHD	3.9500e-004	3.8500e-004
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tbIVehicleEF	HHD	0.52	0.55
tbIVehicleEF	HHD	2.26	2.65
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tbIVehicleEF	LDA	0.01	0.01
tbIVehicleEF	LDA	5.1480e-003	6.1340e-003
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tbIVehicleEF	LDA	0.95	1.10
tbIVehicleEF	LDA	263.30	274.05
tbIVehicleEF	LDA	50.16	52.36
tbIVehicleEF	LDA	0.63	0.63
tbIVehicleEF	LDA	0.06	0.07
tbIVehicleEF	LDA	0.07	0.08
tbIVehicleEF	LDA	2.2940e-003	2.2290e-003
tbIVehicleEF	LDA	3.8290e-003	3.4520e-003
tbIVehicleEF	LDA	2.1280e-003	2.0660e-003
tbIVehicleEF	LDA	3.5520e-003	3.2020e-003
tbIVehicleEF	LDA	0.05	0.06

tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.21
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	7.5300e-004	7.5400e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.19	0.21
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	5.1480e-003	6.1340e-003
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tblVehicleEF	LDA	1.63	1.89
tblVehicleEF	LDA	247.00	257.10
tblVehicleEF	LDA	50.16	52.36
tblVehicleEF	LDA	0.63	0.63
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	2.2940e-003	2.2290e-003
tblVehicleEF	LDA	3.8290e-003	3.4520e-003
tblVehicleEF	LDA	2.1280e-003	2.0660e-003
tblVehicleEF	LDA	3.5520e-003	3.2020e-003
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.25	0.27

tblVehicleEF	LDA	0.10	0.12
tblVehicleEF	LDA	7.6400e-004	7.6800e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.25	0.27
tblVehicleEF	LDA	0.11	0.13
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tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.68	1.91
tblVehicleEF	LDT1	2.22	2.58
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tblVehicleEF	LDT1	62.00	63.99
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tblVehicleEF	LDT1	0.14	0.16
tblVehicleEF	LDT1	0.16	0.18
tblVehicleEF	LDT1	3.3400e-003	3.5450e-003
tblVehicleEF	LDT1	4.3410e-003	4.2950e-003
tblVehicleEF	LDT1	3.0980e-003	3.2870e-003
tblVehicleEF	LDT1	4.0280e-003	3.9840e-003
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.25	0.27
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.76	0.83
tblVehicleEF	LDT1	0.18	0.21
tblVehicleEF	LDT1	4.6020e-003	4.5990e-003
tblVehicleEF	LDT1	8.8700e-004	8.9000e-004

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tblVehicleEF	LDT1	0.25	0.27
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.76	0.83
tblVehicleEF	LDT1	0.19	0.22
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.50	1.72
tblVehicleEF	LDT1	3.78	4.41
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tblVehicleEF	LDT1	0.17	0.19
tblVehicleEF	LDT1	0.19	0.22
tblVehicleEF	LDT1	3.3400e-003	3.5450e-003
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tblVehicleEF	LDT1	4.0280e-003	3.9840e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.25	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	1.05	1.15
tblVehicleEF	LDT1	0.26	0.31
tblVehicleEF	LDT1	4.3270e-003	4.3260e-003
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tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.25	0.27
tblVehicleEF	LDT1	0.04	0.04

tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	1.05	1.15
tblVehicleEF	LDT1	0.28	0.33
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.3070e-003	8.8110e-003
tblVehicleEF	LDT2	1.05	1.19
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tblVehicleEF	LDT2	398.82	410.37
tblVehicleEF	LDT2	75.51	77.73
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.13	0.17
tblVehicleEF	LDT2	2.2060e-003	2.1340e-003
tblVehicleEF	LDT2	3.6830e-003	3.3120e-003
tblVehicleEF	LDT2	2.0470e-003	1.9800e-003
tblVehicleEF	LDT2	3.4170e-003	3.0720e-003
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.37	0.40
tblVehicleEF	LDT2	0.10	0.12
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tblVehicleEF	LDT2	1.0280e-003	1.0310e-003
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.37	0.40

tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.3070e-003	8.8110e-003
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tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.16	0.20
tblVehicleEF	LDT2	2.2060e-003	2.1340e-003
tblVehicleEF	LDT2	3.6830e-003	3.3120e-003
tblVehicleEF	LDT2	2.0470e-003	1.9800e-003
tblVehicleEF	LDT2	3.4170e-003	3.0720e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.50	0.54
tblVehicleEF	LDT2	0.15	0.18
tblVehicleEF	LDT2	5.0850e-003	5.0870e-003
tblVehicleEF	LDT2	1.0450e-003	1.0510e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.50	0.54
tblVehicleEF	LDT2	0.16	0.19
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	1.2980e-003	1.3330e-003

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.15	1.38
tblVehicleEF	LHD1	3.02	3.28
tblVehicleEF	LHD1	801.22	801.15
tblVehicleEF	LHD1	44.65	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.65	0.75
tblVehicleEF	LHD1	1.28	1.35
tblVehicleEF	LHD1	3.5300e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7260e-003	8.7280e-003
tblVehicleEF	LHD1	8.2970e-003	9.2190e-003
tblVehicleEF	LHD1	8.1200e-004	9.3800e-004
tblVehicleEF	LHD1	3.2500e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1810e-003	2.1820e-003
tblVehicleEF	LHD1	7.6430e-003	8.4930e-003
tblVehicleEF	LHD1	7.5300e-004	8.7000e-004
tblVehicleEF	LHD1	3.8010e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5910e-003	2.6220e-003
tblVehicleEF	LHD1	0.10	0.12
tblVehicleEF	LHD1	0.50	0.50
tblVehicleEF	LHD1	0.30	0.34
tblVehicleEF	LHD1	8.8630e-003	8.8660e-003
tblVehicleEF	LHD1	5.5200e-004	5.5500e-004

tblVehicleEF	LHD1	3.8010e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5910e-003	2.6220e-003
tblVehicleEF	LHD1	0.12	0.14
tblVehicleEF	LHD1	0.50	0.50
tblVehicleEF	LHD1	0.32	0.36
tblVehicleEF	LHD1	1.2980e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.10	1.32
tblVehicleEF	LHD1	5.35	5.82
tblVehicleEF	LHD1	801.22	801.15
tblVehicleEF	LHD1	44.65	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.72	0.83
tblVehicleEF	LHD1	1.44	1.51
tblVehicleEF	LHD1	3.5300e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7260e-003	8.7280e-003
tblVehicleEF	LHD1	8.2970e-003	9.2190e-003
tblVehicleEF	LHD1	8.1200e-004	9.3800e-004
tblVehicleEF	LHD1	3.2500e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1810e-003	2.1820e-003
tblVehicleEF	LHD1	7.6430e-003	8.4930e-003
tblVehicleEF	LHD1	7.5300e-004	8.7000e-004
tblVehicleEF	LHD1	1.1520e-003	1.1490e-003



tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.3100e-004	6.1400e-004
tblVehicleEF	LHD1	0.09	0.11
tblVehicleEF	LHD1	0.58	0.59
tblVehicleEF	LHD1	0.42	0.47
tblVehicleEF	LHD1	8.8620e-003	8.8650e-003
tblVehicleEF	LHD1	5.9300e-004	5.9900e-004
tblVehicleEF	LHD1	1.1520e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.3100e-004	6.1400e-004
tblVehicleEF	LHD1	0.11	0.14
tblVehicleEF	LHD1	0.58	0.59
tblVehicleEF	LHD1	0.45	0.51
tblVehicleEF	LHD2	3.2530e-003	0.00
tblVehicleEF	LHD2	9.9000e-004	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.97	1.17
tblVehicleEF	LHD2	1.97	2.22
tblVehicleEF	LHD2	677.62	677.82
tblVehicleEF	LHD2	29.26	29.05
tblVehicleEF	LHD2	3.2530e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.14	1.32
tblVehicleEF	LHD2	0.79	0.84
tblVehicleEF	LHD2	1.0550e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06

tblVehicleEF	LHD2	9.9520e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.5500e-004	5.6400e-004
tblVehicleEF	LHD2	9.7000e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.4880e-003	2.4890e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.2300e-004	5.2400e-004
tblVehicleEF	LHD2	2.4500e-003	2.7260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6250e-003	1.7340e-003
tblVehicleEF	LHD2	0.10	0.12
tblVehicleEF	LHD2	0.31	0.35
tblVehicleEF	LHD2	0.18	0.21
tblVehicleEF	LHD2	7.4130e-003	7.4180e-003
tblVehicleEF	LHD2	3.6100e-004	3.6400e-004
tblVehicleEF	LHD2	2.4500e-003	2.7260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6250e-003	1.7340e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.31	0.35
tblVehicleEF	LHD2	0.19	0.22
tblVehicleEF	LHD2	9.9000e-004	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.95	1.13
tblVehicleEF	LHD2	3.46	3.90

tblVehicleEF	LHD2	677.62	677.82
tblVehicleEF	LHD2	29.26	29.05
tblVehicleEF	LHD2	3.2530e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.22	1.41
tblVehicleEF	LHD2	0.89	0.94
tblVehicleEF	LHD2	1.0550e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9520e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.5500e-004	5.6400e-004
tblVehicleEF	LHD2	9.7000e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.4880e-003	2.4890e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.2300e-004	5.2400e-004
tblVehicleEF	LHD2	7.2700e-004	7.6500e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9400e-004	3.9900e-004
tblVehicleEF	LHD2	0.10	0.12
tblVehicleEF	LHD2	0.37	0.41
tblVehicleEF	LHD2	0.24	0.29
tblVehicleEF	LHD2	7.4130e-003	7.4180e-003
tblVehicleEF	LHD2	3.8600e-004	3.9300e-004
tblVehicleEF	LHD2	7.2700e-004	7.6500e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9400e-004	3.9900e-004
tblVehicleEF	LHD2	0.12	0.14

tbIVehicleEF	LHD2	0.37	0.41
tbIVehicleEF	LHD2	0.26	0.31
tbIVehicleEF	MCY	0.01	0.00
tbIVehicleEF	MCY	18.43	18.87
tbIVehicleEF	MCY	8.87	8.85
tbIVehicleEF	MCY	145.17	144.23
tbIVehicleEF	MCY	37.77	38.45
tbIVehicleEF	MCY	0.01	0.01
tbIVehicleEF	MCY	1.03	1.04
tbIVehicleEF	MCY	2.8500e-004	3.3200e-004
tbIVehicleEF	MCY	8.8600e-004	1.0770e-003
tbIVehicleEF	MCY	2.4200e-004	2.7800e-004
tbIVehicleEF	MCY	7.4400e-004	8.8700e-004
tbIVehicleEF	MCY	1.43	1.44
tbIVehicleEF	MCY	0.46	0.47
tbIVehicleEF	MCY	0.94	0.95
tbIVehicleEF	MCY	2.33	2.35
tbIVehicleEF	MCY	1.12	1.20
tbIVehicleEF	MCY	1.81	1.82
tbIVehicleEF	MCY	1.9760e-003	1.9720e-003
tbIVehicleEF	MCY	6.1600e-004	6.2300e-004
tbIVehicleEF	MCY	1.43	1.44
tbIVehicleEF	MCY	0.46	0.47
tbIVehicleEF	MCY	0.94	0.95
tbIVehicleEF	MCY	2.56	2.58
tbIVehicleEF	MCY	1.12	1.20
tbIVehicleEF	MCY	1.95	1.96
tbIVehicleEF	MCY	21.04	21.60
tbIVehicleEF	MCY	12.80	12.69
tbIVehicleEF	MCY	145.17	144.23

tbIVehicleEF	MCY	37.77	38.45
tbIVehicleEF	MCY	0.01	0.01
tbIVehicleEF	MCY	1.26	1.26
tbIVehicleEF	MCY	0.33	0.33
tbIVehicleEF	MCY	2.8500e-004	3.3200e-004
tbIVehicleEF	MCY	8.8600e-004	1.0770e-003
tbIVehicleEF	MCY	2.4200e-004	2.7800e-004
tbIVehicleEF	MCY	7.4400e-004	8.8700e-004
tbIVehicleEF	MCY	0.22	0.22
tbIVehicleEF	MCY	0.44	0.46
tbIVehicleEF	MCY	0.11	0.11
tbIVehicleEF	MCY	2.50	2.53
tbIVehicleEF	MCY	1.59	1.69
tbIVehicleEF	MCY	2.55	2.58
tbIVehicleEF	MCY	2.0220e-003	2.0210e-003
tbIVehicleEF	MCY	7.0100e-004	7.0800e-004
tbIVehicleEF	MCY	0.22	0.22
tbIVehicleEF	MCY	0.44	0.46
tbIVehicleEF	MCY	0.11	0.11
tbIVehicleEF	MCY	2.74	2.77
tbIVehicleEF	MCY	1.59	1.69
tbIVehicleEF	MCY	2.74	2.77
tbIVehicleEF	MDV	0.08	0.08
tbIVehicleEF	MDV	0.02	0.03
tbIVehicleEF	MDV	0.02	0.02
tbIVehicleEF	MDV	1.86	2.13
tbIVehicleEF	MDV	2.81	3.21
tbIVehicleEF	MDV	536.41	549.77
tbIVehicleEF	MDV	101.52	103.84
tbIVehicleEF	MDV	0.08	0.08

tblVehicleEF	MDV	0.19	0.22
tblVehicleEF	MDV	0.30	0.34
tblVehicleEF	MDV	2.4650e-003	2.4990e-003
tblVehicleEF	MDV	3.6210e-003	3.4510e-003
tblVehicleEF	MDV	2.2860e-003	2.3130e-003
tblVehicleEF	MDV	3.3590e-003	3.1960e-003
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.59	0.60
tblVehicleEF	MDV	0.25	0.29
tblVehicleEF	MDV	6.9100e-003	6.9080e-003
tblVehicleEF	MDV	1.3250e-003	1.3290e-003
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.59	0.60
tblVehicleEF	MDV	0.26	0.31
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.65	1.91
tblVehicleEF	MDV	4.83	5.49
tblVehicleEF	MDV	504.47	517.14
tblVehicleEF	MDV	101.52	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.23	0.27
tblVehicleEF	MDV	0.35	0.41
tblVehicleEF	MDV	2.4650e-003	2.4990e-003

tblVehicleEF	MDV	3.6210e-003	3.4510e-003
tblVehicleEF	MDV	2.2860e-003	2.3130e-003
tblVehicleEF	MDV	3.3590e-003	3.1960e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.79	0.80
tblVehicleEF	MDV	0.37	0.43
tblVehicleEF	MDV	6.4950e-003	6.4940e-003
tblVehicleEF	MDV	1.3600e-003	1.3690e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.79	0.80
tblVehicleEF	MDV	0.39	0.45
tblVehicleEF	MH	4.9400e-004	0.00
tblVehicleEF	MH	1.68	2.77
tblVehicleEF	MH	4.66	5.59
tblVehicleEF	MH	666.57	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9400e-004	5.0000e-004
tblVehicleEF	MH	0.97	1.12
tblVehicleEF	MH	0.64	0.73
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.0500e-004	9.1100e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02

tbIVehicleEF	MH	5.6200e-004	8.3100e-004
tbIVehicleEF	MH	1.10	1.36
tbIVehicleEF	MH	0.06	0.07
tbIVehicleEF	MH	0.50	0.60
tbIVehicleEF	MH	0.08	0.11
tbIVehicleEF	MH	1.50	1.86
tbIVehicleEF	MH	0.27	0.34
tbIVehicleEF	MH	7.3570e-003	7.3760e-003
tbIVehicleEF	MH	4.0000e-004	4.2000e-004
tbIVehicleEF	MH	1.10	1.36
tbIVehicleEF	MH	0.06	0.07
tbIVehicleEF	MH	0.50	0.60
tbIVehicleEF	MH	0.10	0.14
tbIVehicleEF	MH	1.50	1.86
tbIVehicleEF	MH	0.29	0.36
tbIVehicleEF	MH	1.56	2.62
tbIVehicleEF	MH	8.68	10.58
tbIVehicleEF	MH	666.57	666.59
tbIVehicleEF	MH	28.70	28.96
tbIVehicleEF	MH	4.9400e-004	5.0000e-004
tbIVehicleEF	MH	1.07	1.25
tbIVehicleEF	MH	0.72	0.82
tbIVehicleEF	MH	0.05	0.05
tbIVehicleEF	MH	0.02	0.02
tbIVehicleEF	MH	6.0500e-004	9.1100e-004
tbIVehicleEF	MH	0.02	0.02
tbIVehicleEF	MH	0.02	0.02
tbIVehicleEF	MH	5.6200e-004	8.3100e-004
tbIVehicleEF	MH	0.31	0.37
tbIVehicleEF	MH	0.07	0.09



tbIVehicleEF	MH	0.10	0.11
tbIVehicleEF	MH	0.07	0.11
tbIVehicleEF	MH	1.68	2.07
tbIVehicleEF	MH	0.41	0.52
tbIVehicleEF	MH	7.3550e-003	7.3730e-003
tbIVehicleEF	MH	4.6700e-004	5.0400e-004
tbIVehicleEF	MH	0.31	0.37
tbIVehicleEF	MH	0.07	0.09
tbIVehicleEF	MH	0.10	0.11
tbIVehicleEF	MH	0.09	0.13
tbIVehicleEF	MH	1.68	2.07
tbIVehicleEF	MH	0.43	0.55
tbIVehicleEF	MHD	0.03	0.00
tbIVehicleEF	MHD	7.8060e-003	7.1860e-003
tbIVehicleEF	MHD	4.9020e-003	5.2290e-003
tbIVehicleEF	MHD	1.52	1.39
tbIVehicleEF	MHD	0.61	0.73
tbIVehicleEF	MHD	10.80	12.38
tbIVehicleEF	MHD	606.12	605.99
tbIVehicleEF	MHD	992.18	993.40
tbIVehicleEF	MHD	49.32	49.32
tbIVehicleEF	MHD	0.03	0.03
tbIVehicleEF	MHD	3.53	4.78
tbIVehicleEF	MHD	1.10	1.74
tbIVehicleEF	MHD	1.48	1.68
tbIVehicleEF	MHD	7.3900e-003	0.01
tbIVehicleEF	MHD	0.12	0.12
tbIVehicleEF	MHD	0.01	0.01
tbIVehicleEF	MHD	0.03	0.04
tbIVehicleEF	MHD	1.5430e-003	1.8460e-003

tblVehicleEF	MHD	6.7990e-003	9.2440e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8590e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.4320e-003	1.7130e-003
tblVehicleEF	MHD	3.7880e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.17	0.15
tblVehicleEF	MHD	2.4780e-003	2.6690e-003
tblVehicleEF	MHD	0.12	0.13
tblVehicleEF	MHD	0.45	0.47
tblVehicleEF	MHD	0.71	0.82
tblVehicleEF	MHD	6.4250e-003	6.4240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.3900e-004	7.6700e-004
tblVehicleEF	MHD	3.7880e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	2.4780e-003	2.6690e-003
tblVehicleEF	MHD	0.14	0.15
tblVehicleEF	MHD	0.45	0.47
tblVehicleEF	MHD	0.76	0.88
tblVehicleEF	MHD	8.9420e-003	8.2320e-003
tblVehicleEF	MHD	4.9020e-003	5.2290e-003
tblVehicleEF	MHD	2.88	2.63
tblVehicleEF	MHD	0.60	0.71
tblVehicleEF	MHD	19.13	22.03
tblVehicleEF	MHD	525.19	525.08
tblVehicleEF	MHD	992.18	993.40
tblVehicleEF	MHD	49.32	49.32

tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.27	4.43
tblVehicleEF	MHD	1.18	1.85
tblVehicleEF	MHD	1.66	1.88
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.5430e-003	1.8460e-003
tblVehicleEF	MHD	9.8140e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8590e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.4320e-003	1.7130e-003
tblVehicleEF	MHD	9.8300e-004	1.0250e-003
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	4.9400e-004	4.9200e-004
tblVehicleEF	MHD	0.12	0.13
tblVehicleEF	MHD	0.53	0.56
tblVehicleEF	MHD	0.99	1.16
tblVehicleEF	MHD	5.5670e-003	5.5660e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.7900e-004	9.2900e-004
tblVehicleEF	MHD	9.8300e-004	1.0250e-003
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.22	0.20
tblVehicleEF	MHD	4.9400e-004	4.9200e-004
tblVehicleEF	MHD	0.14	0.15
tblVehicleEF	MHD	0.53	0.56

tblVehicleEF	MHD	1.06	1.23
tblVehicleEF	OBUS	3.1490e-003	0.00
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.9390e-003	2.7600e-003
tblVehicleEF	OBUS	2.40	1.99
tblVehicleEF	OBUS	1.02	1.21
tblVehicleEF	OBUS	6.62	7.36
tblVehicleEF	OBUS	565.16	566.66
tblVehicleEF	OBUS	1,013.61	1,011.27
tblVehicleEF	OBUS	32.73	32.73
tblVehicleEF	OBUS	3.1490e-003	3.1290e-003
tblVehicleEF	OBUS	3.30	4.79
tblVehicleEF	OBUS	1.18	2.09
tblVehicleEF	OBUS	1.17	1.29
tblVehicleEF	OBUS	7.4120e-003	8.0480e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.6800e-004	5.3000e-004
tblVehicleEF	OBUS	6.8190e-003	7.4040e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5810e-003	2.5720e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.3400e-004	4.9100e-004
tblVehicleEF	OBUS	1.2330e-003	1.2390e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.44
tblVehicleEF	OBUS	7.5200e-004	7.4800e-004
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	0.28	0.27

tblVehicleEF	OBUS	0.45	0.50
tblVehicleEF	OBUS	5.9910e-003	6.0070e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.8100e-004	4.9400e-004
tblVehicleEF	OBUS	1.2330e-003	1.2390e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	7.5200e-004	7.4800e-004
tblVehicleEF	OBUS	0.16	0.17
tblVehicleEF	OBUS	0.28	0.27
tblVehicleEF	OBUS	0.48	0.54
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.9390e-003	2.7600e-003
tblVehicleEF	OBUS	4.55	3.78
tblVehicleEF	OBUS	0.99	1.17
tblVehicleEF	OBUS	11.79	13.14
tblVehicleEF	OBUS	489.70	491.00
tblVehicleEF	OBUS	1,013.61	1,011.27
tblVehicleEF	OBUS	32.73	32.73
tblVehicleEF	OBUS	3.1490e-003	3.1290e-003
tblVehicleEF	OBUS	3.06	4.44
tblVehicleEF	OBUS	1.28	2.25
tblVehicleEF	OBUS	1.31	1.45
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.6800e-004	5.3000e-004
tblVehicleEF	OBUS	9.8420e-003	0.01
tblVehicleEF	OBUS	0.04	0.04

tblVehicleEF	OBUS	2.5810e-003	2.5720e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.3400e-004	4.9100e-004
tblVehicleEF	OBUS	4.4800e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	1.6200e-004	1.5600e-004
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	0.31	0.31
tblVehicleEF	OBUS	0.63	0.71
tblVehicleEF	OBUS	5.1910e-003	5.2050e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.6800e-004	5.9200e-004
tblVehicleEF	OBUS	4.4800e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.69	0.57
tblVehicleEF	OBUS	1.6200e-004	1.5600e-004
tblVehicleEF	OBUS	0.15	0.16
tblVehicleEF	OBUS	0.31	0.31
tblVehicleEF	OBUS	0.67	0.76
tblVehicleEF	SBUS	5.1700e-004	0.00
tblVehicleEF	SBUS	4.3790e-003	4.1970e-003
tblVehicleEF	SBUS	5.0740e-003	4.8430e-003
tblVehicleEF	SBUS	0.82	0.76
tblVehicleEF	SBUS	1.41	1.46
tblVehicleEF	SBUS	14.83	15.64
tblVehicleEF	SBUS	585.28	579.49
tblVehicleEF	SBUS	983.85	988.14
tblVehicleEF	SBUS	115.30	115.30
tblVehicleEF	SBUS	5.1700e-004	5.2900e-004

tblVehicleEF	SBUS	7.58	7.82
tblVehicleEF	SBUS	5.56	5.87
tblVehicleEF	SBUS	1.85	1.90
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.1470e-003	1.2320e-003
tblVehicleEF	SBUS	9.4430e-003	0.01
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6420e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.0640e-003	1.1430e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.15	0.14
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.17	0.18
tblVehicleEF	SBUS	0.95	0.91
tblVehicleEF	SBUS	1.09	1.15
tblVehicleEF	SBUS	6.2040e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5460e-003	1.5610e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.15	0.14
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.20	0.20
tblVehicleEF	SBUS	0.95	0.91
tblVehicleEF	SBUS	1.17	1.23

tblVehicleEF	SBUS	5.0160e-003	4.8080e-003
tblVehicleEF	SBUS	5.0740e-003	4.8430e-003
tblVehicleEF	SBUS	1.55	1.45
tblVehicleEF	SBUS	1.35	1.40
tblVehicleEF	SBUS	20.96	22.10
tblVehicleEF	SBUS	507.13	502.12
tblVehicleEF	SBUS	983.85	988.14
tblVehicleEF	SBUS	115.30	115.30
tblVehicleEF	SBUS	5.1700e-004	5.2900e-004
tblVehicleEF	SBUS	7.02	7.24
tblVehicleEF	SBUS	5.95	6.28
tblVehicleEF	SBUS	2.09	2.15
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.1470e-003	1.2320e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6420e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.0640e-003	1.1430e-003
tblVehicleEF	SBUS	7.1220e-003	6.5920e-003
tblVehicleEF	SBUS	0.16	0.15
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	2.5390e-003	2.3080e-003
tblVehicleEF	SBUS	0.17	0.17
tblVehicleEF	SBUS	1.37	1.32
tblVehicleEF	SBUS	1.34	1.41
tblVehicleEF	SBUS	5.3760e-003	5.3230e-003



tbIVehicleEF	SBUS	0.01	0.01
tbIVehicleEF	SBUS	1.6500e-003	1.6700e-003
tbIVehicleEF	SBUS	7.1220e-003	6.5920e-003
tbIVehicleEF	SBUS	0.16	0.15
tbIVehicleEF	SBUS	0.12	0.12
tbIVehicleEF	SBUS	2.5390e-003	2.3080e-003
tbIVehicleEF	SBUS	0.20	0.20
tbIVehicleEF	SBUS	1.37	1.32
tbIVehicleEF	SBUS	1.43	1.51
tbIVehicleEF	UBUS	0.01	0.00
tbIVehicleEF	UBUS	3.82	3.84
tbIVehicleEF	UBUS	3.45	3.47
tbIVehicleEF	UBUS	2,105.24	2,108.15
tbIVehicleEF	UBUS	8.39	8.39
tbIVehicleEF	UBUS	0.01	0.01
tbIVehicleEF	UBUS	9.48	9.58
tbIVehicleEF	UBUS	0.31	0.30
tbIVehicleEF	UBUS	0.16	0.16
tbIVehicleEF	UBUS	4.5100e-004	4.5400e-004
tbIVehicleEF	UBUS	0.15	0.15
tbIVehicleEF	UBUS	4.1900e-004	4.2100e-004
tbIVehicleEF	UBUS	3.5110e-003	3.5050e-003
tbIVehicleEF	UBUS	0.05	0.05
tbIVehicleEF	UBUS	0.76	0.76
tbIVehicleEF	UBUS	0.48	0.45
tbIVehicleEF	UBUS	0.24	0.24
tbIVehicleEF	UBUS	0.02	0.02
tbIVehicleEF	UBUS	3.5110e-003	3.5050e-003
tbIVehicleEF	UBUS	0.05	0.05
tbIVehicleEF	UBUS	0.84	0.84

tbIVehicleEF	UBUS	0.48	0.45
tbIVehicleEF	UBUS	0.26	0.26
tbIVehicleEF	UBUS	3.69	3.72
tbIVehicleEF	UBUS	6.11	6.15
tbIVehicleEF	UBUS	2,105.24	2,108.15
tbIVehicleEF	UBUS	8.39	8.39
tbIVehicleEF	UBUS	0.01	0.01
tbIVehicleEF	UBUS	10.08	10.19
tbIVehicleEF	UBUS	0.34	0.34
tbIVehicleEF	UBUS	0.16	0.16
tbIVehicleEF	UBUS	4.5100e-004	4.5400e-004
tbIVehicleEF	UBUS	0.15	0.15
tbIVehicleEF	UBUS	4.1900e-004	4.2100e-004
tbIVehicleEF	UBUS	8.8800e-004	8.8400e-004
tbIVehicleEF	UBUS	0.06	0.06
tbIVehicleEF	UBUS	2.5100e-004	2.4900e-004
tbIVehicleEF	UBUS	0.73	0.73
tbIVehicleEF	UBUS	0.64	0.60
tbIVehicleEF	UBUS	0.37	0.36
tbIVehicleEF	UBUS	0.02	0.02
tbIVehicleEF	UBUS	8.8800e-004	8.8400e-004
tbIVehicleEF	UBUS	0.06	0.06
tbIVehicleEF	UBUS	2.5100e-004	2.4900e-004
tbIVehicleEF	UBUS	0.80	0.80
tbIVehicleEF	UBUS	0.64	0.60
tbIVehicleEF	UBUS	0.39	0.39
tbIVehicleTrips	CC_TL	7.30	0.00
tbIVehicleTrips	CC_TL	7.30	0.00
tbIVehicleTrips	CC_TL	7.30	0.99
tbIVehicleTrips	CC_TL	7.30	13.93

tblVehicleTrips	CC_TL	7.30	1.17
tblVehicleTrips	CC_TL	7.30	2.55
tblVehicleTrips	CC_TL	7.30	1.12
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.99
tblVehicleTrips	CNW_TL	7.30	13.93
tblVehicleTrips	CNW_TL	7.30	1.17
tblVehicleTrips	CNW_TL	7.30	2.55
tblVehicleTrips	CNW_TL	7.30	1.12
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.99
tblVehicleTrips	CW_TL	9.50	13.93
tblVehicleTrips	CW_TL	9.50	1.17
tblVehicleTrips	CW_TL	9.50	2.55
tblVehicleTrips	CW_TL	9.50	1.12
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	5.40	4.57
tblVehicleTrips	HS_TL	4.30	4.57
tblVehicleTrips	HW_TL	12.40	4.57
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00

tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	51.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	1.77
tblVehicleTrips	ST_TR	1.59	2.93
tblVehicleTrips	ST_TR	696.00	79.38
tblVehicleTrips	ST_TR	2.37	2.93
tblVehicleTrips	ST_TR	158.37	28.01
tblVehicleTrips	ST_TR	1.49	0.47
tblVehicleTrips	ST_TR	42.04	19.27
tblVehicleTrips	SU_TR	6.07	1.77
tblVehicleTrips	SU_TR	1.59	2.93
tblVehicleTrips	SU_TR	500.00	79.38
tblVehicleTrips	SU_TR	0.98	2.93
tblVehicleTrips	SU_TR	131.84	28.01
tblVehicleTrips	SU_TR	0.62	0.47
tblVehicleTrips	SU_TR	20.43	19.27
tblVehicleTrips	WD_TR	6.59	1.77
tblVehicleTrips	WD_TR	1.59	2.93
tblVehicleTrips	WD_TR	716.00	79.38
tblVehicleTrips	WD_TR	11.01	2.93
tblVehicleTrips	WD_TR	127.15	28.01

tblVehicleTrips	WD_TR	3.82	0.47
tblVehicleTrips	WD_TR	44.32	19.27
tblWater	IndoorWaterUseRate	20,067,439.89	36,421,100.32
tblWater	IndoorWaterUseRate	2,070,099.92	3,105,149.88
tblWater	IndoorWaterUseRate	22,266,483.95	36,682,468.25
tblWater	IndoorWaterUseRate	4,829,221.36	10,581,185.22
tblWater	IndoorWaterUseRate	0.00	44,053,125.00
tblWater	IndoorWaterUseRate	694,800.25	5,648,029.76
tblWater	OutdoorWaterUseRate	12,651,212.11	22,961,128.46
tblWater	OutdoorWaterUseRate	0.00	6,100,384.51
tblWater	OutdoorWaterUseRate	132,134.04	198,201.06
tblWater	OutdoorWaterUseRate	13,647,199.84	22,482,803.12
tblWater	OutdoorWaterUseRate	308,248.17	675,394.80
tblWater	OutdoorWaterUseRate	425,845.32	3,461,695.66
tblWoodstoves	NumberCatalytic	1.54	0.00
tblWoodstoves	NumberNoncatalytic	1.54	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					
2017	0.2736	2.9339	2.6314	4.3100e-003	0.3306	0.1140	0.4446	0.1269	0.1049	0.2318	0.0000	385.4554	385.4554	0.0698	0.0000	386.9220
<b>Total</b>	<b>0.2736</b>	<b>2.9339</b>	<b>2.6314</b>	<b>4.3100e-003</b>	<b>0.3306</b>	<b>0.1140</b>	<b>0.4446</b>	<b>0.1269</b>	<b>0.1049</b>	<b>0.2318</b>	<b>0.0000</b>	<b>385.4554</b>	<b>385.4554</b>	<b>0.0698</b>	<b>0.0000</b>	<b>386.9220</b>

**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					
2017	0.2679	3.1062	2.7899	4.3100e-003	0.1875	0.1077	0.2952	0.0676	0.0992	0.1668	0.0000	385.4551	385.4551	0.0698	0.0000	386.9218
<b>Total</b>	<b>0.2679</b>	<b>3.1062</b>	<b>2.7899</b>	<b>4.3100e-003</b>	<b>0.1875</b>	<b>0.1077</b>	<b>0.2952</b>	<b>0.0676</b>	<b>0.0992</b>	<b>0.1668</b>	<b>0.0000</b>	<b>385.4551</b>	<b>385.4551</b>	<b>0.0698</b>	<b>0.0000</b>	<b>386.9218</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>2.07</b>	<b>-5.87</b>	<b>-6.02</b>	<b>0.00</b>	<b>43.29</b>	<b>5.50</b>	<b>33.60</b>	<b>46.77</b>	<b>5.40</b>	<b>28.05</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**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	0.3685	0.0264	2.2930	1.2000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	6.7040	6.7040	3.6800e-003	5.0000e-005	6.7981
Energy	0.0255	0.2313	0.1914	1.3900e-003		0.0176	0.0176		0.0176	0.0176	0.0000	1,891.1975	1,891.1975	0.0789	0.0200	1,899.0420
Mobile	0.5944	0.4331	4.6071	0.0158	0.6320	0.0116	0.6436	0.1792	0.0107	0.1899	0.0000	992.0097	992.0097	0.0446	0.0000	992.9472
Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4599	0.1076	442.0521

<b>Total</b>	<b>0.9883</b>	<b>0.6908</b>	<b>7.0914</b>	<b>0.0173</b>	<b>0.6320</b>	<b>0.0421</b>	<b>0.6741</b>	<b>0.1792</b>	<b>0.0412</b>	<b>0.2204</b>	<b>306.8800</b>	<b>3,161.6608</b>	<b>3,468.5408</b>	<b>20.1641</b>	<b>0.1276</b>	<b>3,931.5340</b>
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**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	0.0963	0.0264	2.2930	1.2000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	6.7040	6.7040	3.6800e-003	5.0000e-005	6.7981
Energy	0.0255	0.2313	0.1914	1.3900e-003		0.0176	0.0176		0.0176	0.0176	0.0000	1,891.1975	1,891.1975	0.0789	0.0200	1,899.0420
Mobile	0.5944	0.4331	4.6071	0.0158	0.6320	0.0116	0.6436	0.1792	0.0107	0.1899	0.0000	992.0097	992.0097	0.0446	0.0000	992.9472
Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4590	0.1074	441.9830
<b>Total</b>	<b>0.7162</b>	<b>0.6908</b>	<b>7.0914</b>	<b>0.0173</b>	<b>0.6320</b>	<b>0.0421</b>	<b>0.6741</b>	<b>0.1792</b>	<b>0.0412</b>	<b>0.2204</b>	<b>306.8800</b>	<b>3,161.6608</b>	<b>3,468.5408</b>	<b>20.1633</b>	<b>0.1274</b>	<b>3,931.4649</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>27.53</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.13</b>	<b>0.00</b>

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	AREA 1 - Demo + Rough Grade	Grading	4/3/2017	6/23/2017	5	60	

**Acres of Grading (Site Preparation Phase): 0**

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
AREA 1 - Demo + Rough Grade	Bore/Drill Rigs	2	8.00	200	0.50
AREA 1 - Demo + Rough Grade	Excavators	2	8.00	162	0.38
AREA 1 - Demo + Rough Grade	Graders	1	8.00	174	0.41
AREA 1 - Demo + Rough Grade	Rubber Tired Dozers	1	8.00	255	0.40
AREA 1 - Demo + Rough Grade	Scrapers	2	8.00	361	0.48
AREA 1 - Demo + Rough Grade	Tractors/Loaders/Backhoes	2	8.00	97	0.37

**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
AREA 1 - Demo + Rough Grade	10	80.00	0.00	5,200.00	20.40	16.00	16.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

**3.2 AREA 1 - Demo + Rough Grade - 2017**

**Unmitigated Construction On-Site**





Off-Road	0.1957	2.5269	1.6793	2.3600e-003		0.1009	0.1009		0.0930	0.0930	0.0000	219.2588	219.2588	0.0672	0.0000	220.6696
<b>Total</b>	<b>0.1957</b>	<b>2.5269</b>	<b>1.6793</b>	<b>2.3600e-003</b>	<b>0.1171</b>	<b>0.1009</b>	<b>0.2180</b>	<b>0.0486</b>	<b>0.0930</b>	<b>0.1415</b>	<b>0.0000</b>	<b>219.2588</b>	<b>219.2588</b>	<b>0.0672</b>	<b>0.0000</b>	<b>220.6696</b>

### 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	0.0629	0.5624	0.9444	1.4800e-003	0.0346	6.5100e-003	0.0411	9.4800e-003	5.9800e-003	0.0155	0.0000	132.1855	132.1855	9.6000e-004	0.0000	132.2056
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	9.3600e-003	0.0169	0.1661	4.6000e-004	0.0358	3.1000e-004	0.0361	9.5200e-003	2.8000e-004	9.8000e-003	0.0000	34.0109	34.0109	1.7000e-003	0.0000	34.0467
<b>Total</b>	<b>0.0723</b>	<b>0.5793</b>	<b>1.1106</b>	<b>1.9400e-003</b>	<b>0.0704</b>	<b>6.8200e-003</b>	<b>0.0772</b>	<b>0.0190</b>	<b>6.2600e-003</b>	<b>0.0253</b>	<b>0.0000</b>	<b>166.1963</b>	<b>166.1963</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>166.2522</b>

## 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	0.5944	0.4331	4.6071	0.0158	0.6320	0.0116	0.6436	0.1792	0.0107	0.1899	0.0000	992.0097	992.0097	0.0446	0.0000	992.9472
Unmitigated	0.5944	0.4331	4.6071	0.0158	0.6320	0.0116	0.6436	0.1792	0.0107	0.1899	0.0000	992.0097	992.0097	0.0446	0.0000	992.9472

## 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	545.16	545.16	545.16	906,863	906,863
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	541.37	541.37	541.37	195,089	195,089
General Office Building	367.07	367.07	367.07	1,861,238	1,861,238
High Turnover (Sit Down Restaurant)	445.64	445.64	445.64	189,789	189,789
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Strip Mall	180.75	180.75	180.75	73,689	73,689
Strip Mall	0.00	0.00	0.00		
<b>Total</b>	<b>2,079.99</b>	<b>2,079.99</b>	<b>2,079.99</b>	<b>3,226,667</b>	<b>3,226,667</b>

## 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	4.57	4.57	4.57	26.10	29.10	44.80	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive	0.99	0.99	0.99	1.50	79.50	19.00	100	0	0
General Office Building	13.93	13.93	13.93	33.00	48.00	19.00	100	0	0
High Turnover (Sit Down)	1.17	1.17	1.17	8.50	72.50	19.00	100	0	0
High Turnover (Sit Down)	1.17	1.17	1.17	8.50	72.50	19.00	100	0	0
Manufacturing	2.55	2.55	2.55	59.00	28.00	13.00	100	0	0
Strip Mall	1.12	1.12	1.12	16.60	64.40	19.00	100	0	0
Strip Mall	1.12	1.12	1.12	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
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Strip Mall	66713.1	3.6000e-004	3.2700e-003	2.7500e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	3.5601	3.5601	7.0000e-005	7.0000e-005	3.5817
Apartments High Rise	147840	8.0000e-004	6.8100e-003	2.9000e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.8893	7.8893	1.5000e-004	1.4000e-004	7.9373
<b>Total</b>		<b>0.0255</b>	<b>0.2313</b>	<b>0.1914</b>	<b>1.3800e-003</b>		<b>0.0176</b>	<b>0.0176</b>		<b>0.0176</b>	<b>0.0176</b>	<b>0.0000</b>	<b>252.2244</b>	<b>252.2244</b>	<b>4.8400e-003</b>	<b>4.6300e-003</b>	<b>253.7593</b>

### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.83254e+006	824.0194	0.0373	7.7100e-003	827.1916
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	890546	259.0699	0.0117	2.4200e-003	260.0673
Fast Food Restaurant w/o Drive Thru	328969	95.7007	4.3300e-003	9.0000e-004	96.0691
General Office Building	930793	270.7784	0.0122	2.5300e-003	271.8208
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	558088	162.3541	7.3400e-003	1.5200e-003	162.9791
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	92985.5	27.0506	1.2200e-003	2.5000e-004	27.1547
<b>Total</b>		<b>1,638.9732</b>	<b>0.0741</b>	<b>0.0153</b>	<b>1,645.2827</b>

#### Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.83254e+006	824.0194	0.0373	7.7100e-003	827.1916
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	890546	259.0699	0.0117	2.4200e-003	260.0673
Fast Food Restaurant w/o Drive Thru	328969	95.7007	4.3300e-003	9.0000e-004	96.0691
General Office Building	930793	270.7784	0.0122	2.5300e-003	271.8208
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	558088	162.3541	7.3400e-003	1.5200e-003	162.9791
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	92985.5	27.0506	1.2200e-003	2.5000e-004	27.1547
<b>Total</b>		<b>1,638.9732</b>	<b>0.0741</b>	<b>0.0153</b>	<b>1,645.2827</b>

## 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	0.0963	0.0264	2.2930	1.2000e-004			0.0129		0.0129	0.0129	0.0000	6.7040	6.7040	3.6800e-003	5.0000e-005	6.7981
Unmitigated	0.3685	0.0264	2.2930	1.2000e-004			0.0129		0.0129	0.0129	0.0000	6.7040	6.7040	3.6800e-003	5.0000e-005	6.7981

## 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	0.2987						0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.0000e-004	0.0000	2.0000e-005	0.0000			2.1000e-004		2.0000e-004	2.0000e-004	0.0000	2.9615	2.9615	6.0000e-005	5.0000e-005	2.9795
Landscaping	0.0695	0.0264	2.2929	1.2000e-004			0.0127		0.0127	0.0127	0.0000	3.7425	3.7425	3.6200e-003	0.0000	3.8186
<b>Total</b>	<b>0.3685</b>	<b>0.0264</b>	<b>2.2930</b>	<b>1.2000e-004</b>			<b>0.0129</b>		<b>0.0129</b>	<b>0.0129</b>	<b>0.0000</b>	<b>6.7040</b>	<b>6.7040</b>	<b>3.6800e-003</b>	<b>5.0000e-005</b>	<b>6.7981</b>

### 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	0.0266					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Hearth	3.0000e-004	0.0000	2.0000e-005	0.0000		2.1000e-004	2.1000e-004		2.0000e-004	2.0000e-004	0.0000	2.9615	2.9615	6.0000e-005	5.0000e-005	2.9795
Landscaping	0.0695	0.0264	2.2929	1.2000e-004		0.0127	0.0127		0.0127	0.0127	0.0000	3.7425	3.7425	3.6200e-003	0.0000	3.8186
<b>Total</b>	<b>0.0963</b>	<b>0.0264</b>	<b>2.2930</b>	<b>1.2000e-004</b>		<b>0.0129</b>	<b>0.0129</b>		<b>0.0129</b>	<b>0.0129</b>	<b>0.0000</b>	<b>6.7040</b>	<b>6.7040</b>	<b>3.6800e-003</b>	<b>5.0000e-005</b>	<b>6.7981</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	315.0520	4.4590	0.1074	441.9830
Unmitigated	315.0520	4.4599	0.1076	442.0521

### 7.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	36.4211 / 22.9611	92.2648	1.1904	0.0288	126.1849
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000

Fast Food Restaurant w/o Drive-Thru	3.10515 / 0.198201	6.0748	0.1014	2.4400e-003	8.9598
General Office Building	36.6825 / 22.4828	92.2721	1.1989	0.0290	126.4331
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3456	8.3000e-003	30.5318
Manufacturing	44.0531 / 0	83.3210	1.4386	0.0345	124.2402
Strip Mall	5.64803 / 3.4617	14.2072	0.1846	4.4600e-003	19.4670
<b>Total</b>		<b>315.0520</b>	<b>4.4598</b>	<b>0.1076</b>	<b>442.0521</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	36.4211 / 22.9611	92.2648	1.1902	0.0287	126.1665
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive-Thru	3.10515 / 0.198201	6.0748	0.1014	2.4300e-003	8.9583
General Office Building	36.6825 / 22.4828	92.2721	1.1987	0.0289	126.4145
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3455	8.2900e-003	30.5264
Manufacturing	44.0531 / 0	83.3210	1.4384	0.0345	124.2179
Strip Mall	5.64803 / 3.4617	14.2072	0.1846	4.4500e-003	19.4642
<b>Total</b>		<b>315.0520</b>	<b>4.4591</b>	<b>0.1074</b>	<b>441.9830</b>

### 8.0 Waste Detail

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## 8.1 Mitigation Measures Waste

### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Unmitigated	263.5777	15.5770	0.0000	590.6946
Mitigated	263.5777	15.5770	0.0000	590.6946

## 8.2 Waste by Land Use

### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	191.94	38.9621	2.3026	0.0000	87.3165
High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206

<b>Total</b>		<b>263.5777</b>	<b>15.5770</b>	<b>0.0000</b>	<b>590.6946</b>
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**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	191.94	38.9621	2.3026	0.0000	87.3165
High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206
<b>Total</b>		<b>263.5777</b>	<b>15.5770</b>	<b>0.0000</b>	<b>590.6946</b>

**9.0 Operational Offroad**

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

**g. Area 4 | Assumption A**

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## Mission Rock - Operational Area 4A San Francisco County, Annual

### 1.0 Project Characteristics

#### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	389.01	1000sqft	8.93	389,006.00	0
Manufacturing	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	0.00		0.00		0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	21,551.00	0
Fast Food Restaurant w/o Drive Thru	10.23	1000sqft	0.23	10,227.00	0
High Turnover (Sit Down Restaurant)	23.86	1000sqft	0.55	23,864.00	0
High Turnover (Sit Down Restaurant)	0.00	1000sqft	0.00	0.00	0
Apartments High Rise	0.00	Dwelling Unit	0.00	0.00	0
Strip Mall	33.87	1000sqft	0.78	33,867.00	0
Strip Mall	0.00	1000sqft	0.00	0.00	0

#### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - May need to change operational date from 2020; plus there are multiple phases of operation coming online at different times

Land Use - Acreages will have to be updated as well, I had no acreage info to go on.

Construction Phase - Schedule specified by the applicant. Start date currently set for 4/3/17. All phases trickle down from this date, based on phase durations from applicant

Off-road Equipment - No equipment. Phase is just for fugitive emissions.

Off-road Equipment - Provided by applicant. Dump truck and water truck calculated outside of CalEEMod. Jet Grout Rig = Bore/Drill Rig.

Trips and VMT - All trips (and trip lengths) are one-way (times 2 for round trips). # of workers was doubled to calculate one-way worker trips. Hauling trips from applicant are already one-way trips. These are total trips including worker and material hauling.

On-road Fugitive Dust - No changes

Demolition - No extra demo trips

Grading - From applicant. The applicant showed material movement in the foundations phase; since CalEEMod doesn't allow entry for bldg construction phase, this material was included in the demo phase.

Architectural Coating - For Study Scenario A, based on CalEEMod defaults and land use data (since no land use data was entered into this model run).

Vehicle Trips - Trip rate and trip percentage values from TIA (June 2016). Trip lengths for High Com (Scen A) from F&P: 3.5 for res, 9.5 for office, 1.0 for retail, 2.2 for Dist 12

Vehicle Emission Factors - Trucks modeled outside of CalEEMod. Only includes light duty vehicles scaled up from default values.

Woodstoves - From 151201\_Mission Rock AQ Modeling Assumptions Rev3\_P+Ws\_clean.docx. No woodstoves. 20% gas fireplaces

Consumer Products - Removed consumer product emissions to model outside CalEEMod (to remove sqft from non-consumer land uses).

Energy Use - Assumed 1,000 sq ft per dwelling unit

Construction Off-road Equipment Mitigation - Based on BAAQMD MMs

Area Mitigation - Per Brian Schuster's direction

Area Coating - From Off-Model sheet, ArchCoatings tab

Road Dust - For paved roads, composite silt loading calculated from Miscellaneous Process Methodology 7.9 - Entrained Road Travel, Paved Road Dust tables 8 (road fractions) and 9 (silt loading factors)

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	239258	228482
tblAreaCoating	Area_Nonresidential_Interior	717773	685446
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00



tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	30.00	60.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.63	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	4.07	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	3.43	0.00
tblEnergyUse	LightingElect	5.51	0.00
tblEnergyUse	NT24E	2,561.86	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24NG	1,662.00	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	6.90	0.00
tblEnergyUse	NT24NG	0.70	0.00
tblEnergyUse	T24E	312.05	9,196.57
tblEnergyUse	T24E	3.26	48.25
tblEnergyUse	T24E	5.01	7.43
tblEnergyUse	T24E	3.26	35.08
tblEnergyUse	T24E	2.74	9.91
tblEnergyUse	T24NG	7,191.67	480.00
tblEnergyUse	T24NG	41.99	278.66
tblEnergyUse	T24NG	19.28	1.22

tblEnergyUse	T24NG	41.99	154.58
tblEnergyUse	T24NG	4.10	7.11
tblLandUse	LandUseSquareFeet	389,010.00	389,006.00
tblLandUse	LandUseSquareFeet	0.00	21,551.00
tblLandUse	LandUseSquareFeet	10,230.00	10,227.00
tblLandUse	LandUseSquareFeet	23,860.00	23,864.00
tblLandUse	LandUseSquareFeet	33,870.00	33,867.00
tblOffRoadEquipment	HorsePower	205.00	200.00
tblProjectCharacteristics	OperationalYear	2014	2023
tblRoadDust	RoadSiltLoading	0.1	0.042976
tblSolidWaste	SolidWasteGenerationRate	0.00	257.14
tblSolidWaste	SolidWasteGenerationRate	0.00	0.44
tblSolidWaste	SolidWasteGenerationRate	361.78	191.94
tblSolidWaste	SolidWasteGenerationRate	283.93	414.83
tblSolidWaste	SolidWasteGenerationRate	0.00	236.22
tblSolidWaste	SolidWasteGenerationRate	35.56	80.06
tblTripsAndVMT	HaulingTripLength	20.00	16.00
tblTripsAndVMT	HaulingTripNumber	0.00	5,200.00
tblTripsAndVMT	VendorTripLength	7.30	16.00
tblTripsAndVMT	WorkerTripLength	12.40	20.40
tblTripsAndVMT	WorkerTripNumber	5.00	80.00
tblVehicleEF	HHD	4.1560e-003	0.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	9.3370e-003	9.9070e-003
tblVehicleEF	HHD	2.50	2.29
tblVehicleEF	HHD	3.35	3.96
tblVehicleEF	HHD	44.23	47.11
tblVehicleEF	HHD	558.97	559.68
tblVehicleEF	HHD	1,470.23	1,457.70
tblVehicleEF	HHD	49.32	50.48

tblVehicleEF	HHD	4.1560e-003	4.0430e-003
tblVehicleEF	HHD	3.38	4.10
tblVehicleEF	HHD	2.21	3.83
tblVehicleEF	HHD	3.60	3.76
tblVehicleEF	HHD	7.6770e-003	8.6950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.0490e-003	1.6010e-003
tblVehicleEF	HHD	7.0630e-003	8.0000e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.2340e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	9.7300e-004	1.4180e-003
tblVehicleEF	HHD	2.8040e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.58	0.53
tblVehicleEF	HHD	2.1940e-003	2.3420e-003
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.33	1.59
tblVehicleEF	HHD	5.9250e-003	5.9330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2830e-003	1.3490e-003
tblVehicleEF	HHD	2.8040e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	2.1940e-003	2.3420e-003
tblVehicleEF	HHD	0.28	0.31
tblVehicleEF	HHD	0.45	0.49

tblVehicleEF	HHD	1.42	1.70
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.3370e-003	9.9070e-003
tblVehicleEF	HHD	4.74	4.35
tblVehicleEF	HHD	3.22	3.80
tblVehicleEF	HHD	81.29	86.21
tblVehicleEF	HHD	484.34	484.95
tblVehicleEF	HHD	1,470.23	1,457.70
tblVehicleEF	HHD	49.32	50.48
tblVehicleEF	HHD	4.1560e-003	4.0430e-003
tblVehicleEF	HHD	3.13	3.80
tblVehicleEF	HHD	2.39	4.11
tblVehicleEF	HHD	4.04	4.23
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.0490e-003	1.6010e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.2340e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	9.7300e-004	1.4180e-003
tblVehicleEF	HHD	7.6900e-004	7.5600e-004
tblVehicleEF	HHD	0.08	0.10
tblVehicleEF	HHD	0.66	0.61
tblVehicleEF	HHD	4.1800e-004	3.8500e-004
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.52	0.55
tblVehicleEF	HHD	2.04	2.48

tbIVehicleEF	HHD	5.1340e-003	5.1410e-003
tbIVehicleEF	HHD	0.02	0.02
tbIVehicleEF	HHD	1.8870e-003	1.9910e-003
tbIVehicleEF	HHD	7.6900e-004	7.5600e-004
tbIVehicleEF	HHD	0.08	0.10
tbIVehicleEF	HHD	0.75	0.69
tbIVehicleEF	HHD	4.1800e-004	3.8500e-004
tbIVehicleEF	HHD	0.28	0.31
tbIVehicleEF	HHD	0.52	0.55
tbIVehicleEF	HHD	2.18	2.65
tbIVehicleEF	LDA	0.63	0.69
tbIVehicleEF	LDA	9.8370e-003	0.01
tbIVehicleEF	LDA	4.7840e-003	6.1340e-003
tbIVehicleEF	LDA	0.77	0.88
tbIVehicleEF	LDA	0.89	1.10
tbIVehicleEF	LDA	258.73	274.05
tbIVehicleEF	LDA	49.18	52.36
tbIVehicleEF	LDA	0.63	0.63
tbIVehicleEF	LDA	0.06	0.07
tbIVehicleEF	LDA	0.06	0.08
tbIVehicleEF	LDA	2.3290e-003	2.2290e-003
tbIVehicleEF	LDA	4.0110e-003	3.4520e-003
tbIVehicleEF	LDA	2.1600e-003	2.0660e-003
tbIVehicleEF	LDA	3.7210e-003	3.2020e-003
tbIVehicleEF	LDA	0.05	0.06
tbIVehicleEF	LDA	0.08	0.10
tbIVehicleEF	LDA	0.05	0.06
tbIVehicleEF	LDA	0.02	0.02
tbIVehicleEF	LDA	0.19	0.21
tbIVehicleEF	LDA	0.07	0.08

tblVehicleEF	LDA	3.9810e-003	3.9820e-003
tblVehicleEF	LDA	7.5200e-004	7.5400e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.19	0.21
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	9.8370e-003	0.01
tblVehicleEF	LDA	4.7840e-003	6.1340e-003
tblVehicleEF	LDA	0.68	0.77
tblVehicleEF	LDA	1.53	1.89
tblVehicleEF	LDA	242.70	257.10
tblVehicleEF	LDA	49.18	52.36
tblVehicleEF	LDA	0.63	0.63
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	2.3290e-003	2.2290e-003
tblVehicleEF	LDA	4.0110e-003	3.4520e-003
tblVehicleEF	LDA	2.1600e-003	2.0660e-003
tblVehicleEF	LDA	3.7210e-003	3.2020e-003
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.24	0.27
tblVehicleEF	LDA	0.10	0.12
tblVehicleEF	LDA	7.6300e-004	7.6800e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.08	0.10

tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.24	0.27
tblVehicleEF	LDA	0.10	0.13
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.57	1.91
tblVehicleEF	LDT1	2.05	2.58
tblVehicleEF	LDT1	321.12	336.72
tblVehicleEF	LDT1	61.07	63.99
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.13	0.16
tblVehicleEF	LDT1	0.15	0.18
tblVehicleEF	LDT1	3.2430e-003	3.5450e-003
tblVehicleEF	LDT1	4.3730e-003	4.2950e-003
tblVehicleEF	LDT1	3.0090e-003	3.2870e-003
tblVehicleEF	LDT1	4.0570e-003	3.9840e-003
tblVehicleEF	LDT1	0.17	0.19
tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.14	0.15
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.73	0.83
tblVehicleEF	LDT1	0.16	0.21
tblVehicleEF	LDT1	4.6020e-003	4.5990e-003
tblVehicleEF	LDT1	8.8500e-004	8.9000e-004
tblVehicleEF	LDT1	0.17	0.19
tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.14	0.15
tblVehicleEF	LDT1	0.06	0.07

tblVehicleEF	LDT1	0.73	0.83
tblVehicleEF	LDT1	0.18	0.22
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.40	1.72
tblVehicleEF	LDT1	3.51	4.41
tblVehicleEF	LDT1	302.20	316.99
tblVehicleEF	LDT1	61.07	63.99
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.16	0.19
tblVehicleEF	LDT1	0.17	0.22
tblVehicleEF	LDT1	3.2430e-003	3.5450e-003
tblVehicleEF	LDT1	4.3730e-003	4.2950e-003
tblVehicleEF	LDT1	3.0090e-003	3.2870e-003
tblVehicleEF	LDT1	4.0570e-003	3.9840e-003
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	1.01	1.15
tblVehicleEF	LDT1	0.24	0.31
tblVehicleEF	LDT1	4.3280e-003	4.3260e-003
tblVehicleEF	LDT1	9.1000e-004	9.2200e-004
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	1.01	1.15
tblVehicleEF	LDT1	0.26	0.33
tblVehicleEF	LDT2	0.15	0.16



tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	6.7330e-003	8.8110e-003
tblVehicleEF	LDT2	1.00	1.19
tblVehicleEF	LDT2	1.24	1.59
tblVehicleEF	LDT2	393.96	410.37
tblVehicleEF	LDT2	74.53	77.73
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.12	0.17
tblVehicleEF	LDT2	2.2470e-003	2.1340e-003
tblVehicleEF	LDT2	3.8670e-003	3.3120e-003
tblVehicleEF	LDT2	2.0840e-003	1.9800e-003
tblVehicleEF	LDT2	3.5880e-003	3.0720e-003
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.36	0.40
tblVehicleEF	LDT2	0.09	0.12
tblVehicleEF	LDT2	5.4130e-003	5.4160e-003
tblVehicleEF	LDT2	1.0270e-003	1.0310e-003
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.36	0.40
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	6.7330e-003	8.8110e-003
tblVehicleEF	LDT2	0.88	1.05

tblVehicleEF	LDT2	2.13	2.73
tblVehicleEF	LDT2	370.20	385.64
tblVehicleEF	LDT2	74.53	77.73
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.14	0.20
tblVehicleEF	LDT2	2.2470e-003	2.1340e-003
tblVehicleEF	LDT2	3.8670e-003	3.3120e-003
tblVehicleEF	LDT2	2.0840e-003	1.9800e-003
tblVehicleEF	LDT2	3.5880e-003	3.0720e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.49	0.54
tblVehicleEF	LDT2	0.14	0.18
tblVehicleEF	LDT2	5.0850e-003	5.0870e-003
tblVehicleEF	LDT2	1.0430e-003	1.0510e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.49	0.54
tblVehicleEF	LDT2	0.15	0.19
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	1.2910e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.05	1.38

tblVehicleEF	LHD1	2.92	3.28
tblVehicleEF	LHD1	7.52	7.52
tblVehicleEF	LHD1	801.15	801.15
tblVehicleEF	LHD1	44.77	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.61	0.75
tblVehicleEF	LHD1	1.26	1.35
tblVehicleEF	LHD1	3.5200e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7260e-003	8.7280e-003
tblVehicleEF	LHD1	7.8680e-003	9.2190e-003
tblVehicleEF	LHD1	7.5400e-004	9.3800e-004
tblVehicleEF	LHD1	3.2400e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.2480e-003	8.4930e-003
tblVehicleEF	LHD1	6.9900e-004	8.7000e-004
tblVehicleEF	LHD1	3.7220e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5660e-003	2.6220e-003
tblVehicleEF	LHD1	0.09	0.12
tblVehicleEF	LHD1	0.49	0.50
tblVehicleEF	LHD1	0.29	0.34
tblVehicleEF	LHD1	8.8600e-003	8.8660e-003
tblVehicleEF	LHD1	5.5100e-004	5.5500e-004
tblVehicleEF	LHD1	3.7220e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5660e-003	2.6220e-003

tblVehicleEF	LHD1	0.11	0.14
tblVehicleEF	LHD1	0.49	0.50
tblVehicleEF	LHD1	0.31	0.36
tblVehicleEF	LHD1	1.2910e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.01	1.32
tblVehicleEF	LHD1	5.16	5.82
tblVehicleEF	LHD1	7.52	7.52
tblVehicleEF	LHD1	801.15	801.15
tblVehicleEF	LHD1	44.77	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.67	0.83
tblVehicleEF	LHD1	1.41	1.51
tblVehicleEF	LHD1	3.5200e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7260e-003	8.7280e-003
tblVehicleEF	LHD1	7.8680e-003	9.2190e-003
tblVehicleEF	LHD1	7.5400e-004	9.3800e-004
tblVehicleEF	LHD1	3.2400e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.2480e-003	8.4930e-003
tblVehicleEF	LHD1	6.9900e-004	8.7000e-004
tblVehicleEF	LHD1	1.1480e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.3600e-004	6.1400e-004
tblVehicleEF	LHD1	0.08	0.11

tblVehicleEF	LHD1	0.57	0.59
tblVehicleEF	LHD1	0.40	0.47
tblVehicleEF	LHD1	8.8590e-003	8.8650e-003
tblVehicleEF	LHD1	5.9000e-004	5.9900e-004
tblVehicleEF	LHD1	1.1480e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.3600e-004	6.1400e-004
tblVehicleEF	LHD1	0.10	0.14
tblVehicleEF	LHD1	0.57	0.59
tblVehicleEF	LHD1	0.43	0.51
tblVehicleEF	LHD2	3.2560e-003	0.00
tblVehicleEF	LHD2	9.8600e-004	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.88	1.17
tblVehicleEF	LHD2	1.84	2.22
tblVehicleEF	LHD2	8.43	8.43
tblVehicleEF	LHD2	677.32	677.82
tblVehicleEF	LHD2	29.36	29.05
tblVehicleEF	LHD2	3.2560e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.05	1.32
tblVehicleEF	LHD2	0.77	0.84
tblVehicleEF	LHD2	1.0460e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9520e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9800e-004	5.6400e-004

tblVehicleEF	LHD2	9.6200e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.4880e-003	2.4890e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7000e-004	5.2400e-004
tblVehicleEF	LHD2	2.2890e-003	2.7260e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5480e-003	1.7340e-003
tblVehicleEF	LHD2	0.09	0.12
tblVehicleEF	LHD2	0.29	0.35
tblVehicleEF	LHD2	0.16	0.21
tblVehicleEF	LHD2	7.4090e-003	7.4180e-003
tblVehicleEF	LHD2	3.6000e-004	3.6400e-004
tblVehicleEF	LHD2	2.2890e-003	2.7260e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5480e-003	1.7340e-003
tblVehicleEF	LHD2	0.11	0.14
tblVehicleEF	LHD2	0.29	0.35
tblVehicleEF	LHD2	0.17	0.22
tblVehicleEF	LHD2	9.8600e-004	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.85	1.13
tblVehicleEF	LHD2	3.24	3.90
tblVehicleEF	LHD2	8.43	8.43
tblVehicleEF	LHD2	677.32	677.82
tblVehicleEF	LHD2	29.36	29.05

tblVehicleEF	LHD2	3.2560e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.12	1.41
tblVehicleEF	LHD2	0.86	0.94
tblVehicleEF	LHD2	1.0460e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9520e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9800e-004	5.6400e-004
tblVehicleEF	LHD2	9.6200e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.4880e-003	2.4890e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7000e-004	5.2400e-004
tblVehicleEF	LHD2	6.9800e-004	7.6500e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.8500e-004	3.9900e-004
tblVehicleEF	LHD2	0.09	0.12
tblVehicleEF	LHD2	0.35	0.41
tblVehicleEF	LHD2	0.23	0.29
tblVehicleEF	LHD2	7.4080e-003	7.4180e-003
tblVehicleEF	LHD2	3.8400e-004	3.9300e-004
tblVehicleEF	LHD2	6.9800e-004	7.6500e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.8500e-004	3.9900e-004
tblVehicleEF	LHD2	0.11	0.14
tblVehicleEF	LHD2	0.35	0.41
tblVehicleEF	LHD2	0.24	0.31

tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	18.28	18.87
tblVehicleEF	MCY	8.88	8.85
tblVehicleEF	MCY	145.51	144.23
tblVehicleEF	MCY	37.50	38.45
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	1.03	1.04
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.7000e-004	3.3200e-004
tblVehicleEF	MCY	8.1900e-004	1.0770e-003
tblVehicleEF	MCY	2.3000e-004	2.7800e-004
tblVehicleEF	MCY	6.9400e-004	8.8700e-004
tblVehicleEF	MCY	1.43	1.44
tblVehicleEF	MCY	0.45	0.47
tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	2.32	2.35
tblVehicleEF	MCY	1.10	1.20
tblVehicleEF	MCY	1.81	1.82
tblVehicleEF	MCY	1.9770e-003	1.9720e-003
tblVehicleEF	MCY	6.1300e-004	6.2300e-004
tblVehicleEF	MCY	1.43	1.44
tblVehicleEF	MCY	0.45	0.47
tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	2.56	2.58
tblVehicleEF	MCY	1.10	1.20
tblVehicleEF	MCY	1.94	1.96
tblVehicleEF	MCY	20.83	21.60
tblVehicleEF	MCY	12.85	12.69
tblVehicleEF	MCY	145.51	144.23
tblVehicleEF	MCY	37.50	38.45



tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	1.25	1.26
tblVehicleEF	MCY	0.33	0.33
tblVehicleEF	MCY	2.7000e-004	3.3200e-004
tblVehicleEF	MCY	8.1900e-004	1.0770e-003
tblVehicleEF	MCY	2.3000e-004	2.7800e-004
tblVehicleEF	MCY	6.9400e-004	8.8700e-004
tblVehicleEF	MCY	0.22	0.22
tblVehicleEF	MCY	0.43	0.46
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.49	2.53
tblVehicleEF	MCY	1.56	1.69
tblVehicleEF	MCY	2.54	2.58
tblVehicleEF	MCY	2.0220e-003	2.0210e-003
tblVehicleEF	MCY	6.9800e-004	7.0800e-004
tblVehicleEF	MCY	0.22	0.22
tblVehicleEF	MCY	0.43	0.46
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.73	2.77
tblVehicleEF	MCY	1.56	1.69
tblVehicleEF	MCY	2.72	2.77
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.76	2.13
tblVehicleEF	MDV	2.64	3.21
tblVehicleEF	MDV	530.26	549.77
tblVehicleEF	MDV	100.42	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.18	0.22

tblVehicleEF	MDV	0.28	0.34
tblVehicleEF	MDV	2.4550e-003	2.4990e-003
tblVehicleEF	MDV	3.7160e-003	3.4510e-003
tblVehicleEF	MDV	2.2770e-003	2.3130e-003
tblVehicleEF	MDV	3.4470e-003	3.1960e-003
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.04	0.06
tblVehicleEF	MDV	0.58	0.60
tblVehicleEF	MDV	0.23	0.29
tblVehicleEF	MDV	6.9110e-003	6.9080e-003
tblVehicleEF	MDV	1.3230e-003	1.3290e-003
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.58	0.60
tblVehicleEF	MDV	0.25	0.31
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.56	1.91
tblVehicleEF	MDV	4.53	5.49
tblVehicleEF	MDV	498.65	517.14
tblVehicleEF	MDV	100.42	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.22	0.27
tblVehicleEF	MDV	0.33	0.41
tblVehicleEF	MDV	2.4550e-003	2.4990e-003
tblVehicleEF	MDV	3.7160e-003	3.4510e-003

tblVehicleEF	MDV	2.2770e-003	2.3130e-003
tblVehicleEF	MDV	3.4470e-003	3.1960e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.21	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.78	0.80
tblVehicleEF	MDV	0.34	0.43
tblVehicleEF	MDV	6.4960e-003	6.4940e-003
tblVehicleEF	MDV	1.3560e-003	1.3690e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.21	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.78	0.80
tblVehicleEF	MDV	0.36	0.45
tblVehicleEF	MH	4.9100e-004	0.00
tblVehicleEF	MH	1.31	2.77
tblVehicleEF	MH	4.33	5.59
tblVehicleEF	MH	666.44	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9100e-004	5.0000e-004
tblVehicleEF	MH	0.91	1.12
tblVehicleEF	MH	0.61	0.73
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.4750e-003	8.4760e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.1800e-004	9.1100e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	4.8000e-004	8.3100e-004
tblVehicleEF	MH	0.99	1.36
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.47	0.60
tblVehicleEF	MH	0.07	0.11
tblVehicleEF	MH	1.36	1.86
tblVehicleEF	MH	0.26	0.34
tblVehicleEF	MH	7.3500e-003	7.3760e-003
tblVehicleEF	MH	3.9400e-004	4.2000e-004
tblVehicleEF	MH	0.99	1.36
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.47	0.60
tblVehicleEF	MH	0.08	0.14
tblVehicleEF	MH	1.36	1.86
tblVehicleEF	MH	0.27	0.36
tblVehicleEF	MH	1.22	2.62
tblVehicleEF	MH	7.96	10.58
tblVehicleEF	MH	666.44	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9100e-004	5.0000e-004
tblVehicleEF	MH	1.01	1.25
tblVehicleEF	MH	0.69	0.82
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.4750e-003	8.4760e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.1800e-004	9.1100e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	4.8000e-004	8.3100e-004
tblVehicleEF	MH	0.30	0.37

tblVehicleEF	MH	0.06	0.09
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.06	0.11
tblVehicleEF	MH	1.52	2.07
tblVehicleEF	MH	0.37	0.52
tblVehicleEF	MH	7.3490e-003	7.3730e-003
tblVehicleEF	MH	4.5500e-004	5.0400e-004
tblVehicleEF	MH	0.30	0.37
tblVehicleEF	MH	0.06	0.09
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.08	0.13
tblVehicleEF	MH	1.52	2.07
tblVehicleEF	MH	0.40	0.55
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	7.7250e-003	7.1860e-003
tblVehicleEF	MHD	4.5410e-003	5.2290e-003
tblVehicleEF	MHD	1.51	1.39
tblVehicleEF	MHD	0.55	0.73
tblVehicleEF	MHD	10.16	12.38
tblVehicleEF	MHD	606.62	605.99
tblVehicleEF	MHD	991.18	993.40
tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.46	4.78
tblVehicleEF	MHD	0.93	1.74
tblVehicleEF	MHD	1.40	1.68
tblVehicleEF	MHD	6.4590e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04

tblVehicleEF	MHD	1.4110e-003	1.8460e-003
tblVehicleEF	MHD	5.9420e-003	9.2440e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8600e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.3100e-003	1.7130e-003
tblVehicleEF	MHD	3.6170e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.17	0.15
tblVehicleEF	MHD	2.4030e-003	2.6690e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.44	0.47
tblVehicleEF	MHD	0.67	0.82
tblVehicleEF	MHD	6.4300e-003	6.4240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.2800e-004	7.6700e-004
tblVehicleEF	MHD	3.6170e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	2.4030e-003	2.6690e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.44	0.47
tblVehicleEF	MHD	0.71	0.88
tblVehicleEF	MHD	8.8490e-003	8.2320e-003
tblVehicleEF	MHD	4.5410e-003	5.2290e-003
tblVehicleEF	MHD	2.87	2.63
tblVehicleEF	MHD	0.54	0.71
tblVehicleEF	MHD	17.96	22.03
tblVehicleEF	MHD	525.62	525.08
tblVehicleEF	MHD	991.18	993.40

tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.20	4.43
tblVehicleEF	MHD	1.00	1.85
tblVehicleEF	MHD	1.57	1.88
tblVehicleEF	MHD	9.3220e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.4110e-003	1.8460e-003
tblVehicleEF	MHD	8.5770e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8600e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.3100e-003	1.7130e-003
tblVehicleEF	MHD	9.6600e-004	1.0250e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	4.9600e-004	4.9200e-004
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.52	0.56
tblVehicleEF	MHD	0.94	1.16
tblVehicleEF	MHD	5.5720e-003	5.5660e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.5900e-004	9.2900e-004
tblVehicleEF	MHD	9.6600e-004	1.0250e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.22	0.20
tblVehicleEF	MHD	4.9600e-004	4.9200e-004
tblVehicleEF	MHD	0.12	0.15

tblVehicleEF	MHD	0.52	0.56
tblVehicleEF	MHD	1.00	1.23
tblVehicleEF	OBUS	3.1700e-003	0.00
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.7230e-003	2.7600e-003
tblVehicleEF	OBUS	2.40	1.99
tblVehicleEF	OBUS	0.90	1.21
tblVehicleEF	OBUS	6.23	7.36
tblVehicleEF	OBUS	565.17	566.66
tblVehicleEF	OBUS	1,013.79	1,011.27
tblVehicleEF	OBUS	32.73	32.73
tblVehicleEF	OBUS	3.1700e-003	3.1290e-003
tblVehicleEF	OBUS	3.30	4.79
tblVehicleEF	OBUS	1.02	2.09
tblVehicleEF	OBUS	1.11	1.29
tblVehicleEF	OBUS	7.4120e-003	8.0480e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.2300e-004	5.3000e-004
tblVehicleEF	OBUS	6.8190e-003	7.4040e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5830e-003	2.5720e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	3.9300e-004	4.9100e-004
tblVehicleEF	OBUS	1.1870e-003	1.2390e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.44
tblVehicleEF	OBUS	7.2800e-004	7.4800e-004
tblVehicleEF	OBUS	0.12	0.14



tbIVehicleEF	OBUS	0.27	0.27
tbIVehicleEF	OBUS	0.43	0.50
tbIVehicleEF	OBUS	5.9910e-003	6.0070e-003
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	4.7400e-004	4.9400e-004
tbIVehicleEF	OBUS	1.1870e-003	1.2390e-003
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	0.60	0.50
tbIVehicleEF	OBUS	7.2800e-004	7.4800e-004
tbIVehicleEF	OBUS	0.14	0.17
tbIVehicleEF	OBUS	0.27	0.27
tbIVehicleEF	OBUS	0.45	0.54
tbIVehicleEF	OBUS	0.03	0.02
tbIVehicleEF	OBUS	2.7230e-003	2.7600e-003
tbIVehicleEF	OBUS	4.55	3.78
tbIVehicleEF	OBUS	0.87	1.17
tbIVehicleEF	OBUS	11.03	13.14
tbIVehicleEF	OBUS	489.71	491.00
tbIVehicleEF	OBUS	1,013.79	1,011.27
tbIVehicleEF	OBUS	32.73	32.73
tbIVehicleEF	OBUS	3.1700e-003	3.1290e-003
tbIVehicleEF	OBUS	3.06	4.44
tbIVehicleEF	OBUS	1.10	2.25
tbIVehicleEF	OBUS	1.25	1.45
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	0.09	0.09
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	4.2300e-004	5.3000e-004
tbIVehicleEF	OBUS	9.8420e-003	0.01

tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5830e-003	2.5720e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	3.9300e-004	4.9100e-004
tblVehicleEF	OBUS	4.4100e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	1.6100e-004	1.5600e-004
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	0.31	0.31
tblVehicleEF	OBUS	0.59	0.71
tblVehicleEF	OBUS	5.1910e-003	5.2050e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.5500e-004	5.9200e-004
tblVehicleEF	OBUS	4.4100e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.69	0.57
tblVehicleEF	OBUS	1.6100e-004	1.5600e-004
tblVehicleEF	OBUS	0.14	0.16
tblVehicleEF	OBUS	0.31	0.31
tblVehicleEF	OBUS	0.63	0.76
tblVehicleEF	SBUS	5.1000e-004	0.00
tblVehicleEF	SBUS	4.4640e-003	4.1970e-003
tblVehicleEF	SBUS	5.2230e-003	4.8430e-003
tblVehicleEF	SBUS	0.84	0.76
tblVehicleEF	SBUS	1.38	1.46
tblVehicleEF	SBUS	14.41	15.64
tblVehicleEF	SBUS	586.94	579.49
tblVehicleEF	SBUS	981.76	988.14
tblVehicleEF	SBUS	115.30	115.30

tblVehicleEF	SBUS	5.1000e-004	5.2900e-004
tblVehicleEF	SBUS	7.49	7.82
tblVehicleEF	SBUS	5.44	5.87
tblVehicleEF	SBUS	1.82	1.90
tblVehicleEF	SBUS	9.9990e-003	0.01
tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.0990e-003	1.2320e-003
tblVehicleEF	SBUS	9.1990e-003	0.01
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6390e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.0200e-003	1.1430e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.15	0.14
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.18	0.18
tblVehicleEF	SBUS	0.96	0.91
tblVehicleEF	SBUS	1.07	1.15
tblVehicleEF	SBUS	6.2220e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5390e-003	1.5610e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.15	0.14
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.20	0.20
tblVehicleEF	SBUS	0.96	0.91

tblVehicleEF	SBUS	1.14	1.23
tblVehicleEF	SBUS	5.1130e-003	4.8080e-003
tblVehicleEF	SBUS	5.2230e-003	4.8430e-003
tblVehicleEF	SBUS	1.59	1.45
tblVehicleEF	SBUS	1.32	1.40
tblVehicleEF	SBUS	20.36	22.10
tblVehicleEF	SBUS	508.57	502.12
tblVehicleEF	SBUS	981.76	988.14
tblVehicleEF	SBUS	115.30	115.30
tblVehicleEF	SBUS	5.1000e-004	5.2900e-004
tblVehicleEF	SBUS	6.93	7.24
tblVehicleEF	SBUS	5.82	6.28
tblVehicleEF	SBUS	2.06	2.15
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.0990e-003	1.2320e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6390e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.0200e-003	1.1430e-003
tblVehicleEF	SBUS	7.3880e-003	6.5920e-003
tblVehicleEF	SBUS	0.16	0.15
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	2.6530e-003	2.3080e-003
tblVehicleEF	SBUS	0.17	0.17
tblVehicleEF	SBUS	1.39	1.32
tblVehicleEF	SBUS	1.31	1.41

tbIVehicleEF	SBUS	5.3910e-003	5.3230e-003
tbIVehicleEF	SBUS	0.01	0.01
tbIVehicleEF	SBUS	1.6400e-003	1.6700e-003
tbIVehicleEF	SBUS	7.3880e-003	6.5920e-003
tbIVehicleEF	SBUS	0.16	0.15
tbIVehicleEF	SBUS	0.13	0.12
tbIVehicleEF	SBUS	2.6530e-003	2.3080e-003
tbIVehicleEF	SBUS	0.20	0.20
tbIVehicleEF	SBUS	1.39	1.32
tbIVehicleEF	SBUS	1.40	1.51
tbIVehicleEF	UBUS	0.01	0.00
tbIVehicleEF	UBUS	3.81	3.84
tbIVehicleEF	UBUS	3.45	3.47
tbIVehicleEF	UBUS	2,103.85	2,108.15
tbIVehicleEF	UBUS	8.39	8.39
tbIVehicleEF	UBUS	0.01	0.01
tbIVehicleEF	UBUS	9.42	9.58
tbIVehicleEF	UBUS	0.31	0.30
tbIVehicleEF	UBUS	0.16	0.16
tbIVehicleEF	UBUS	4.5100e-004	4.5400e-004
tbIVehicleEF	UBUS	0.15	0.15
tbIVehicleEF	UBUS	4.1800e-004	4.2100e-004
tbIVehicleEF	UBUS	3.5230e-003	3.5050e-003
tbIVehicleEF	UBUS	0.05	0.05
tbIVehicleEF	UBUS	1.6810e-003	1.6720e-003
tbIVehicleEF	UBUS	0.77	0.76
tbIVehicleEF	UBUS	0.50	0.45
tbIVehicleEF	UBUS	0.25	0.24
tbIVehicleEF	UBUS	0.02	0.02
tbIVehicleEF	UBUS	3.5230e-003	3.5050e-003

tbIVehicleEF	UBUS	0.05	0.05
tbIVehicleEF	UBUS	1.6810e-003	1.6720e-003
tbIVehicleEF	UBUS	0.84	0.84
tbIVehicleEF	UBUS	0.50	0.45
tbIVehicleEF	UBUS	0.26	0.26
tbIVehicleEF	UBUS	3.69	3.72
tbIVehicleEF	UBUS	6.12	6.15
tbIVehicleEF	UBUS	2,103.85	2,108.15
tbIVehicleEF	UBUS	8.39	8.39
tbIVehicleEF	UBUS	0.01	0.01
tbIVehicleEF	UBUS	10.02	10.19
tbIVehicleEF	UBUS	0.35	0.34
tbIVehicleEF	UBUS	0.16	0.16
tbIVehicleEF	UBUS	4.5100e-004	4.5400e-004
tbIVehicleEF	UBUS	0.15	0.15
tbIVehicleEF	UBUS	4.1800e-004	4.2100e-004
tbIVehicleEF	UBUS	8.9400e-004	8.8400e-004
tbIVehicleEF	UBUS	0.06	0.06
tbIVehicleEF	UBUS	2.5400e-004	2.4900e-004
tbIVehicleEF	UBUS	0.73	0.73
tbIVehicleEF	UBUS	0.67	0.60
tbIVehicleEF	UBUS	0.37	0.36
tbIVehicleEF	UBUS	0.02	0.02
tbIVehicleEF	UBUS	8.9400e-004	8.8400e-004
tbIVehicleEF	UBUS	0.06	0.06
tbIVehicleEF	UBUS	2.5400e-004	2.4900e-004
tbIVehicleEF	UBUS	0.80	0.80
tbIVehicleEF	UBUS	0.67	0.60
tbIVehicleEF	UBUS	0.40	0.39
tbIVehicleTrips	CC_TL	7.30	0.00

tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.96
tblVehicleTrips	CC_TL	7.30	13.40
tblVehicleTrips	CC_TL	7.30	1.14
tblVehicleTrips	CC_TL	7.30	2.55
tblVehicleTrips	CC_TL	7.30	1.09
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.96
tblVehicleTrips	CNW_TL	7.30	13.40
tblVehicleTrips	CNW_TL	7.30	1.14
tblVehicleTrips	CNW_TL	7.30	2.55
tblVehicleTrips	CNW_TL	7.30	1.09
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.96
tblVehicleTrips	CW_TL	9.50	13.40
tblVehicleTrips	CW_TL	9.50	1.14
tblVehicleTrips	CW_TL	9.50	2.55
tblVehicleTrips	CW_TL	9.50	1.09
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	5.40	4.72
tblVehicleTrips	HS_TL	4.30	4.72
tblVehicleTrips	HW_TL	12.40	4.72

tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	51.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	1.71
tblVehicleTrips	ST_TR	1.59	2.93
tblVehicleTrips	ST_TR	696.00	80.59
tblVehicleTrips	ST_TR	2.37	3.05
tblVehicleTrips	ST_TR	158.37	28.90
tblVehicleTrips	ST_TR	1.49	0.47
tblVehicleTrips	ST_TR	42.04	20.16
tblVehicleTrips	SU_TR	6.07	1.71
tblVehicleTrips	SU_TR	1.59	2.93
tblVehicleTrips	SU_TR	500.00	80.59
tblVehicleTrips	SU_TR	0.98	3.05
tblVehicleTrips	SU_TR	131.84	28.90
tblVehicleTrips	SU_TR	0.62	0.47
tblVehicleTrips	SU_TR	20.43	20.16
tblVehicleTrips	WD_TR	6.59	1.71
tblVehicleTrips	WD_TR	1.59	2.93



tblVehicleTrips	WD_TR	716.00	80.59
tblVehicleTrips	WD_TR	11.01	3.05
tblVehicleTrips	WD_TR	127.15	28.90
tblVehicleTrips	WD_TR	3.82	0.47
tblVehicleTrips	WD_TR	44.32	20.16
tblWater	IndoorWaterUseRate	0.00	36,421,100.32
tblWater	IndoorWaterUseRate	69,140,205.31	36,682,468.25
tblWater	IndoorWaterUseRate	7,242,314.38	10,581,185.22
tblWater	IndoorWaterUseRate	0.00	44,053,125.00
tblWater	IndoorWaterUseRate	2,508,836.30	5,648,029.76
tblWater	OutdoorWaterUseRate	0.00	22,961,128.46
tblWater	OutdoorWaterUseRate	0.00	6,100,384.51
tblWater	OutdoorWaterUseRate	42,376,254.87	22,482,803.12
tblWater	OutdoorWaterUseRate	462,275.39	675,394.80
tblWater	OutdoorWaterUseRate	1,537,673.86	3,461,695.66

## 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					
2017	0.0906	0.8462	1.2272	2.4600e-003	0.0704	0.0145	0.0849	0.0190	0.0133	0.0323	0.0000	213.6336	213.6336	0.0172	0.0000	213.9947
<b>Total</b>	<b>0.0906</b>	<b>0.8462</b>	<b>1.2272</b>	<b>2.4600e-003</b>	<b>0.0704</b>	<b>0.0145</b>	<b>0.0849</b>	<b>0.0190</b>	<b>0.0133</b>	<b>0.0323</b>	<b>0.0000</b>	<b>213.6336</b>	<b>213.6336</b>	<b>0.0172</b>	<b>0.0000</b>	<b>213.9947</b>

**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					
2017	0.0850	1.0185	1.3857	2.4600e-003	0.0704	8.2100e-003	0.0786	0.0190	7.6600e-003	0.0267	0.0000	213.6336	213.6336	0.0172	0.0000	213.9946
<b>Total</b>	<b>0.0850</b>	<b>1.0185</b>	<b>1.3857</b>	<b>2.4600e-003</b>	<b>0.0704</b>	<b>8.2100e-003</b>	<b>0.0786</b>	<b>0.0190</b>	<b>7.6600e-003</b>	<b>0.0267</b>	<b>0.0000</b>	<b>213.6336</b>	<b>213.6336</b>	<b>0.0172</b>	<b>0.0000</b>	<b>213.9946</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>6.25</b>	<b>-20.37</b>	<b>-12.92</b>	<b>0.00</b>	<b>0.00</b>	<b>43.30</b>	<b>7.40</b>	<b>0.00</b>	<b>42.49</b>	<b>17.51</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**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	0.2387	4.0000e-005	4.2000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.1700e-003	8.1700e-003	2.0000e-005	0.0000	8.6200e-003
Energy	0.0391	0.3556	0.2987	2.1300e-003		0.0270	0.0270		0.0270	0.0270	0.0000	1,712.6575	1,712.6575	0.0674	0.0195	1,720.1164
Mobile	0.9524	0.8041	8.3672	0.0321	1.2991	0.0228	1.3219	0.3683	0.0212	0.3895	0.0000	1,988.7695	1,988.7695	0.0863	0.0000	1,990.5808
Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4599	0.1076	442.0521

Total	1.2302	1.1597	8.6701	0.0342	1.2991	0.0499	1.3490	0.3683	0.0482	0.4165	306.8800	3,973.1848	4,280.0648	20.1905	0.1271	4,743.4524
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### 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	0.0216	4.0000e-005	4.2000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.1700e-003	8.1700e-003	2.0000e-005	0.0000	8.6200e-003
Energy	0.0391	0.3556	0.2987	2.1300e-003		0.0270	0.0270		0.0270	0.0270	0.0000	1,712.6575	1,712.6575	0.0674	0.0195	1,720.1164
Mobile	0.9524	0.8041	8.3672	0.0321	1.2991	0.0228	1.3219	0.3683	0.0212	0.3895	0.0000	1,988.7695	1,988.7695	0.0863	0.0000	1,990.5808
Waste						0.0000	0.0000		0.0000	0.0000	263.5777	0.0000	263.5777	15.5770	0.0000	590.6946
Water						0.0000	0.0000		0.0000	0.0000	43.3023	271.7496	315.0520	4.4590	0.1074	441.9830
<b>Total</b>	<b>1.0131</b>	<b>1.1597</b>	<b>8.6701</b>	<b>0.0342</b>	<b>1.2991</b>	<b>0.0499</b>	<b>1.3490</b>	<b>0.3683</b>	<b>0.0482</b>	<b>0.4165</b>	<b>306.8800</b>	<b>3,973.1848</b>	<b>4,280.0648</b>	<b>20.1897</b>	<b>0.1269</b>	<b>4,743.3833</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	17.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	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	AREA 1 - Demo + Rough Grade	Grading	4/3/2017	6/23/2017	5	60	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
AREA 1 - Demo + Rough Grade	Bore/Drill Rigs	2	8.00	200	0.50

**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
AREA 1 - Demo + Rough Grade	2	80.00	0.00	5,200.00	20.40	16.00	16.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

**3.2 AREA 1 - Demo + Rough Grade - 2017**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.0184	0.2668	0.1166	5.1000e-004	7.6700e-003	7.6700e-003	7.6700e-003	7.0600e-003	7.0600e-003	7.0600e-003	0.0000	47.4373	47.4373	0.0145	0.0000	47.7425

<b>Total</b>	<b>0.0184</b>	<b>0.2668</b>	<b>0.1166</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>7.6700e-003</b>	<b>7.6700e-003</b>	<b>0.0000</b>	<b>7.0600e-003</b>	<b>7.0600e-003</b>	<b>0.0000</b>	<b>47.4373</b>	<b>47.4373</b>	<b>0.0145</b>	<b>0.0000</b>	<b>47.7425</b>
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**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	0.0629	0.5624	0.9444	1.4800e-003	0.0346	6.5100e-003	0.0411	9.4800e-003	5.9800e-003	0.0155	0.0000	132.1855	132.1855	9.6000e-004	0.0000	132.2056
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	9.3600e-003	0.0169	0.1661	4.6000e-004	0.0358	3.1000e-004	0.0361	9.5200e-003	2.8000e-004	9.8000e-003	0.0000	34.0109	34.0109	1.7000e-003	0.0000	34.0467
<b>Total</b>	<b>0.0723</b>	<b>0.5793</b>	<b>1.1106</b>	<b>1.9400e-003</b>	<b>0.0704</b>	<b>6.8200e-003</b>	<b>0.0772</b>	<b>0.0190</b>	<b>6.2600e-003</b>	<b>0.0253</b>	<b>0.0000</b>	<b>166.1963</b>	<b>166.1963</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>166.2522</b>

**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	0.0127	0.4392	0.2751	5.1000e-004		1.4000e-003	1.4000e-003		1.4000e-003	1.4000e-003	0.0000	47.4372	47.4372	0.0145	0.0000	47.7424
<b>Total</b>	<b>0.0127</b>	<b>0.4392</b>	<b>0.2751</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>1.4000e-003</b>	<b>1.4000e-003</b>	<b>0.0000</b>	<b>1.4000e-003</b>	<b>1.4000e-003</b>	<b>0.0000</b>	<b>47.4372</b>	<b>47.4372</b>	<b>0.0145</b>	<b>0.0000</b>	<b>47.7424</b>

**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	0.0629	0.5624	0.9444	1.4800e-003	0.0346	6.5100e-003	0.0411	9.4800e-003	5.9800e-003	0.0155	0.0000	132.1855	132.1855	9.6000e-004	0.0000	132.2056
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	9.3600e-003	0.0169	0.1661	4.6000e-004	0.0358	3.1000e-004	0.0361	9.5200e-003	2.8000e-004	9.8000e-003	0.0000	34.0109	34.0109	1.7000e-003	0.0000	34.0467
<b>Total</b>	<b>0.0723</b>	<b>0.5793</b>	<b>1.1106</b>	<b>1.9400e-003</b>	<b>0.0704</b>	<b>6.8200e-003</b>	<b>0.0772</b>	<b>0.0190</b>	<b>6.2600e-003</b>	<b>0.0253</b>	<b>0.0000</b>	<b>166.1963</b>	<b>166.1963</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>166.2522</b>

#### 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	0.9524	0.8041	8.3672	0.0321	1.2991	0.0228	1.3219	0.3683	0.0212	0.3895	0.0000	1,988.7695	1,988.7695	0.0863	0.0000	1,990.5808
Unmitigated	0.9524	0.8041	8.3672	0.0321	1.2991	0.0228	1.3219	0.3683	0.0212	0.3895	0.0000	1,988.7695	1,988.7695	0.0863	0.0000	1,990.5808

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		

City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	824.44	824.44	824.44	288,091	288,091
General Office Building	1,186.48	1,186.48	1186.48	5,787,177	5,787,177
High Turnover (Sit Down Restaurant)	689.55	689.55	689.55	286,137	286,137
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Strip Mall	682.82	682.82	682.82	270,915	270,915
Strip Mall	0.00	0.00	0.00		
<b>Total</b>	<b>3,383.29</b>	<b>3,383.29</b>	<b>3,383.29</b>	<b>6,632,321</b>	<b>6,632,321</b>

### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	4.72	4.72	4.72	26.10	29.10	44.80	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive	0.96	0.96	0.96	1.50	79.50	19.00	100	0	0
General Office Building	13.40	13.40	13.40	33.00	48.00	19.00	100	0	0
High Turnover (Sit Down	1.14	1.14	1.14	8.50	72.50	19.00	100	0	0
High Turnover (Sit Down	1.14	1.14	1.14	8.50	72.50	19.00	100	0	0
Manufacturing	2.55	2.55	2.55	59.00	28.00	13.00	100	0	0
Strip Mall	1.09	1.09	1.09	16.60	64.40	19.00	100	0	0
Strip Mall	1.09	1.09	1.09	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.689839	0.063945	0.161776	0.084440	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

### 5.0 Energy Detail

#### 4.4 Fleet Mix

Historical Energy Use: N





High Turnover (Sit Down Restaurant)	3.6889e+06	0.0199	0.1808	0.1519	1.0800e-003		0.0137	0.0137		0.0137	0.0137	0.0000	196.8536	196.8536	3.7700e-003	3.6100e-003	198.0516
Manufacturing	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	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	240794	1.3000e-003	0.0118	9.9200e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.8497	12.8497	2.5000e-004	2.4000e-004	12.9279
<b>Total</b>		<b>0.0391</b>	<b>0.3556</b>	<b>0.2987</b>	<b>2.1300e-003</b>		<b>0.0270</b>	<b>0.0270</b>		<b>0.0270</b>	<b>0.0270</b>	<b>0.0000</b>	<b>387.1083</b>	<b>387.1083</b>	<b>7.4200e-003</b>	<b>7.1000e-003</b>	<b>389.4641</b>

**Mitigated**

	Natural Gas 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					
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive Thru	2.84986e+006	0.0154	0.1397	0.1174	8.4000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	152.0792	152.0792	2.9100e-003	2.7900e-003	153.0047
General Office Building	474587	2.5600e-003	0.0233	0.0195	1.4000e-004		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003	0.0000	25.3258	25.3258	4.9000e-004	4.6000e-004	25.4799
High Turnover (Sit Down Restaurant)	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
High Turnover (Sit Down Restaurant)	3.6889e+06	0.0199	0.1808	0.1519	1.0800e-003		0.0137	0.0137		0.0137	0.0137	0.0000	196.8536	196.8536	3.7700e-003	3.6100e-003	198.0516
Manufacturing	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	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	240794	1.3000e-003	0.0118	9.9200e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.8497	12.8497	2.5000e-004	2.4000e-004	12.9279
Apartments High Rise	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
<b>Total</b>		<b>0.0391</b>	<b>0.3556</b>	<b>0.2987</b>	<b>2.1300e-003</b>		<b>0.0270</b>	<b>0.0270</b>		<b>0.0270</b>	<b>0.0270</b>	<b>0.0000</b>	<b>387.1083</b>	<b>387.1083</b>	<b>7.4200e-003</b>	<b>7.1000e-003</b>	<b>389.4641</b>

### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	493453	143.5511	6.4900e-003	1.3400e-003	144.1037
General Office Building	2.89031e+006	840.8257	0.0380	7.8700e-003	844.0626
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	837149	243.5363	0.0110	2.2800e-003	244.4738
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	335622	97.6363	4.4100e-003	9.1000e-004	98.0122
<b>Total</b>		<b>1,325.5493</b>	<b>0.0599</b>	<b>0.0124</b>	<b>1,330.6522</b>

#### Mitigated

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

Apartments High Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	493453	143.5511	6.4900e-003	1.3400e-003	144.1037
General Office Building	2.89031e+006	840.8257	0.0380	7.8700e-003	844.0626
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	837149	243.5363	0.0110	2.2800e-003	244.4738
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	335622	97.6363	4.4100e-003	9.1000e-004	98.0122
<b>Total</b>		<b>1,325.5493</b>	<b>0.0599</b>	<b>0.0124</b>	<b>1,330.6522</b>

## 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	0.0216	4.0000e-005	4.2000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.1700e-003	8.1700e-003	2.0000e-005	0.0000	8.6200e-003

Unmitigated	0.2387	4.0000e-005	4.2000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.1700e-003	8.1700e-003	2.0000e-005	0.0000	8.6200e-003
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## 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										M1/yr					
Architectural Coating	0.2383					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.9000e-004	4.0000e-005	4.2000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.1700e-003	8.1700e-003	2.0000e-005	0.0000	8.6200e-003
<b>Total</b>	<b>0.2387</b>	<b>4.0000e-005</b>	<b>4.2000e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>8.1700e-003</b>	<b>8.1700e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>8.6200e-003</b>

### 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										M1/yr					
Architectural Coating	0.0212					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.9000e-004	4.0000e-005	4.2000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.1700e-003	8.1700e-003	2.0000e-005	0.0000	8.6200e-003
<b>Total</b>	<b>0.0216</b>	<b>4.0000e-005</b>	<b>4.2000e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>8.1700e-003</b>	<b>8.1700e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>8.6200e-003</b>

## 7.0 Water Detail

## 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	315.0520	4.4590	0.1074	441.9830
Unmitigated	315.0520	4.4599	0.1076	442.0521

## 7.2 Water by Land Use

### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	36.4211 / 22.9611	92.2648	1.1904	0.0288	126.1849
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	3.10515 / 0.198201	6.0748	0.1014	2.4400e-003	8.9598
General Office Building	36.6825 / 22.4828	92.2721	1.1989	0.0290	126.4331
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3456	8.3000e-003	30.5318
Manufacturing	44.0531 / 0	83.3210	1.4386	0.0345	124.2402
Strip Mall	5.64803 / 3.4617	14.2072	0.1846	4.4600e-003	19.4670

<b>Total</b>		<b>315.0520</b>	<b>4.4598</b>	<b>0.1076</b>	<b>442.0521</b>
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**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	36.4211 / 22.9611	92.2648	1.1902	0.0287	126.1665
City Park	0 / 6.10038	6.2114	2.8000e-004	6.0000e-005	6.2353
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	3.10515 / 0.198201	6.0748	0.1014	2.4300e-003	8.9583
General Office Building	36.6825 / 22.4828	92.2721	1.1987	0.0289	126.4145
High Turnover (Sit Down Restaurant)	10.5812 / 0.675395	20.7007	0.3455	8.2900e-003	30.5264
Manufacturing	44.0531 / 0	83.3210	1.4384	0.0345	124.2179
Strip Mail	5.64803 / 3.4617	14.2072	0.1846	4.4500e-003	19.4642
<b>Total</b>		<b>315.0520</b>	<b>4.4591</b>	<b>0.1074</b>	<b>441.9830</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
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	MT/yr			
Unmitigated	263.5777	15.5770	0.0000	590.6946
Mitigated	263.5777	15.5770	0.0000	590.6946

## 8.2 Waste by Land Use

### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	191.94	38.9621	2.3026	0.0000	87.3165
High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206
<b>Total</b>		<b>263.5777</b>	<b>15.5770</b>	<b>0.0000</b>	<b>590.6946</b>

### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	257.14	52.1971	3.0848	0.0000	116.9771
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2002
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	117.84	23.9205	1.4137	0.0000	53.6073
General Office Building	191.94	38.9621	2.3026	0.0000	87.3165
High Turnover (Sit Down Restaurant)	414.83	84.2067	4.9765	0.0000	188.7127
Manufacturing	236.22	47.9505	2.8338	0.0000	107.4602
Strip Mall	80.06	16.2515	0.9604	0.0000	36.4206
<b>Total</b>		<b>263.5777</b>	<b>15.5770</b>	<b>0.0000</b>	<b>590.6946</b>

## 9.0 Operational Offroad

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



h. Area 4 | **Assumption B**

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## Mission Rock - Operational Area 4B San Francisco County, Annual

### 1.0 Project Characteristics

#### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.00	1000sqft	0.00	0.00	0
Manufacturing	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	0.00		0.00		0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	21,551.00	0
Fast Food Restaurant w/o Drive Thru	6.14	1000sqft	0.14	6,136.00	0
High Turnover (Sit Down Restaurant)	14.32	1000sqft	0.33	14,318.00	0
High Turnover (Sit Down Restaurant)	0.00	1000sqft	0.00	0.00	0
Apartments High Rise	532.00	Dwelling Unit	8.58	531,985.00	1522
Strip Mall	43.77	1000sqft	1.00	43,765.00	0
Strip Mall	0.00	1000sqft	0.00	0.00	0

#### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - May need to change operational date from 2020; plus there are multiple phases of operation coming online at different times

Land Use - Acreages will have to be updated as well, I had no acreage info to go on.

Construction Phase - Schedule specified by the applicant. Start date currently set for 4/3/17. All phases trickle down from this date, based on phase durations from applicant

Off-road Equipment - No equipment. Phase is just for fugitive emissions.

Off-road Equipment - Provided by applicant. Dump truck calculated outside of CalEEMod

Trips and VMT - All trips (and trip lengths) are one-way (times 2 for round trips). # of workers was doubled to calculate one-way worker trips. Hauling trips from applicant are already one-way trips. These are total trips including worker and material hauling

On-road Fugitive Dust - No changes

Demolition - No extra demo trips

Grading - From applicant. The applicant showed material movement in the foundations phase; since CalEEMod doesn't allow entry for bldg construction phase, this material was included in the demo phase

Architectural Coating - For Study Scenario A, based on CalEEMod defaults and land use data (since no land use data was entered into this model run).

Vehicle Trips - Trip rate and trip percentage values from TIA (June 2016). Trip lengths for High Com (Scen A) from F&P: 3.5 for res, 9.5 for office, 1.0 for retail, 2.2 for Dist 12

Vehicle Emission Factors - Trucks modeled outside of CalEEMod. Only includes light duty vehicles scaled up from default values.

Woodstoves - From 151201\_Mission Rock AQ Modeling Assumptions Rev3\_P+Ws\_clean.docx. No woodstoves. 20% gas fireplaces

Consumer Products - Removed consumer product emissions to model outside CalEEMod (to remove sqft from non-consumer land uses).

Energy Use - Assumed 1,000 sq ft per dwelling unit for Apartments High Rise

Construction Off-road Equipment Mitigation - Based on BAAQMD MMs

Area Mitigation - Per Brian Schuster's direction

Area Coating - From Off-Model sheet, ArchCoatings tab

Road Dust - For paved roads, composite silt loading calculated from Miscellaneous Process Methodology 7.9 - Entrained Road Travel, Paved Road Dust tables 8 (road fractions) and 9 (silt loading factors)

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	42885	32110
tblAreaCoating	Area_Nonresidential_Interior	128655	96329
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.63	0.00

tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	4.07	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	3.43	0.00
tblEnergyUse	LightingElect	5.51	0.00
tblEnergyUse	NT24E	2,561.86	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24NG	1,662.00	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	6.90	0.00
tblEnergyUse	NT24NG	0.70	0.00
tblEnergyUse	T24E	312.05	9,196.57
tblEnergyUse	T24E	3.26	48.25
tblEnergyUse	T24E	5.01	7.43
tblEnergyUse	T24E	3.26	35.08
tblEnergyUse	T24E	2.74	9.91
tblEnergyUse	T24NG	7,191.67	480.00
tblEnergyUse	T24NG	41.99	278.66
tblEnergyUse	T24NG	19.28	1.22
tblEnergyUse	T24NG	41.99	154.58
tblEnergyUse	T24NG	4.10	7.11
tblFireplaces	NumberGas	292.60	106.40
tblFireplaces	NumberNoFireplace	164.92	425.60

tblFireplaces	NumberWood	74.48	0.00
tblLandUse	LandUseSquareFeet	0.00	21,551.00
tblLandUse	LandUseSquareFeet	6,140.00	6,136.00
tblLandUse	LandUseSquareFeet	14,320.00	14,318.00
tblLandUse	LandUseSquareFeet	532,000.00	531,985.00
tblLandUse	LandUseSquareFeet	43,770.00	43,765.00
tblProjectCharacteristics	OperationalYear	2014	2023
tblRoadDust	RoadSiltLoading	0.1	0.042976
tblTripsAndVMT	HaulingTripNumber	0.00	620.00
tblTripsAndVMT	VendorTripLength	7.30	16.00
tblTripsAndVMT	WorkerTripLength	12.40	20.40
tblTripsAndVMT	WorkerTripNumber	8.00	18.00
tblVehicleEF	HHD	4.1560e-003	0.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	9.3370e-003	9.9070e-003
tblVehicleEF	HHD	2.50	2.29
tblVehicleEF	HHD	3.35	3.96
tblVehicleEF	HHD	44.23	47.11
tblVehicleEF	HHD	558.97	559.68
tblVehicleEF	HHD	1,470.23	1,457.70
tblVehicleEF	HHD	49.32	50.48
tblVehicleEF	HHD	4.1560e-003	4.0430e-003
tblVehicleEF	HHD	3.38	4.10
tblVehicleEF	HHD	2.21	3.83
tblVehicleEF	HHD	3.60	3.76
tblVehicleEF	HHD	7.6770e-003	8.6950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.0490e-003	1.6010e-003

tblVehicleEF	HHD	7.0630e-003	8.0000e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.2340e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	9.7300e-004	1.4180e-003
tblVehicleEF	HHD	2.8040e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.58	0.53
tblVehicleEF	HHD	2.1940e-003	2.3420e-003
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.33	1.59
tblVehicleEF	HHD	5.9250e-003	5.9330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2830e-003	1.3490e-003
tblVehicleEF	HHD	2.8040e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	2.1940e-003	2.3420e-003
tblVehicleEF	HHD	0.28	0.31
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.42	1.70
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.3370e-003	9.9070e-003
tblVehicleEF	HHD	4.74	4.35
tblVehicleEF	HHD	3.22	3.80
tblVehicleEF	HHD	81.29	86.21
tblVehicleEF	HHD	484.34	484.95
tblVehicleEF	HHD	1,470.23	1,457.70
tblVehicleEF	HHD	49.32	50.48

tblVehicleEF	HHD	4.1560e-003	4.0430e-003
tblVehicleEF	HHD	3.13	3.80
tblVehicleEF	HHD	2.39	4.11
tblVehicleEF	HHD	4.04	4.23
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.0490e-003	1.6010e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.2340e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	9.7300e-004	1.4180e-003
tblVehicleEF	HHD	7.6900e-004	7.5600e-004
tblVehicleEF	HHD	0.08	0.10
tblVehicleEF	HHD	0.66	0.61
tblVehicleEF	HHD	4.1800e-004	3.8500e-004
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.52	0.55
tblVehicleEF	HHD	2.04	2.48
tblVehicleEF	HHD	5.1340e-003	5.1410e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8870e-003	1.9910e-003
tblVehicleEF	HHD	7.6900e-004	7.5600e-004
tblVehicleEF	HHD	0.08	0.10
tblVehicleEF	HHD	0.75	0.69
tblVehicleEF	HHD	4.1800e-004	3.8500e-004
tblVehicleEF	HHD	0.28	0.31
tblVehicleEF	HHD	0.52	0.55



tblVehicleEF	HHD	2.18	2.65
tblVehicleEF	LDA	0.63	0.69
tblVehicleEF	LDA	9.8370e-003	0.01
tblVehicleEF	LDA	4.7840e-003	6.1340e-003
tblVehicleEF	LDA	0.77	0.88
tblVehicleEF	LDA	0.89	1.10
tblVehicleEF	LDA	258.73	274.05
tblVehicleEF	LDA	49.18	52.36
tblVehicleEF	LDA	0.63	0.63
tblVehicleEF	LDA	0.06	0.07
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	2.3290e-003	2.2290e-003
tblVehicleEF	LDA	4.0110e-003	3.4520e-003
tblVehicleEF	LDA	2.1600e-003	2.0660e-003
tblVehicleEF	LDA	3.7210e-003	3.2020e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.21
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	3.9810e-003	3.9820e-003
tblVehicleEF	LDA	7.5200e-004	7.5400e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.19	0.21
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	9.8370e-003	0.01

tbIVehicleEF	LDA	4.7840e-003	6.1340e-003
tbIVehicleEF	LDA	0.68	0.77
tbIVehicleEF	LDA	1.53	1.89
tbIVehicleEF	LDA	242.70	257.10
tbIVehicleEF	LDA	49.18	52.36
tbIVehicleEF	LDA	0.63	0.63
tbIVehicleEF	LDA	0.07	0.08
tbIVehicleEF	LDA	0.08	0.10
tbIVehicleEF	LDA	2.3290e-003	2.2290e-003
tbIVehicleEF	LDA	4.0110e-003	3.4520e-003
tbIVehicleEF	LDA	2.1600e-003	2.0660e-003
tbIVehicleEF	LDA	3.7210e-003	3.2020e-003
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.08	0.10
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.24	0.27
tbIVehicleEF	LDA	0.10	0.12
tbIVehicleEF	LDA	7.6300e-004	7.6800e-004
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.08	0.10
tbIVehicleEF	LDA	0.01	0.02
tbIVehicleEF	LDA	0.02	0.03
tbIVehicleEF	LDA	0.24	0.27
tbIVehicleEF	LDA	0.10	0.13
tbIVehicleEF	LDT1	0.06	0.06
tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	0.01	0.02
tbIVehicleEF	LDT1	1.57	1.91
tbIVehicleEF	LDT1	2.05	2.58

tblVehicleEF	LDT1	321.12	336.72
tblVehicleEF	LDT1	61.07	63.99
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.13	0.16
tblVehicleEF	LDT1	0.15	0.18
tblVehicleEF	LDT1	3.2430e-003	3.5450e-003
tblVehicleEF	LDT1	4.3730e-003	4.2950e-003
tblVehicleEF	LDT1	3.0090e-003	3.2870e-003
tblVehicleEF	LDT1	4.0570e-003	3.9840e-003
tblVehicleEF	LDT1	0.17	0.19
tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.14	0.15
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.73	0.83
tblVehicleEF	LDT1	0.16	0.21
tblVehicleEF	LDT1	4.6020e-003	4.5990e-003
tblVehicleEF	LDT1	8.8500e-004	8.9000e-004
tblVehicleEF	LDT1	0.17	0.19
tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.14	0.15
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.73	0.83
tblVehicleEF	LDT1	0.18	0.22
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.40	1.72
tblVehicleEF	LDT1	3.51	4.41
tblVehicleEF	LDT1	302.20	316.99
tblVehicleEF	LDT1	61.07	63.99
tblVehicleEF	LDT1	0.06	0.06

tblVehicleEF	LDT1	0.16	0.19
tblVehicleEF	LDT1	0.17	0.22
tblVehicleEF	LDT1	3.2430e-003	3.5450e-003
tblVehicleEF	LDT1	4.3730e-003	4.2950e-003
tblVehicleEF	LDT1	3.0090e-003	3.2870e-003
tblVehicleEF	LDT1	4.0570e-003	3.9840e-003
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	1.01	1.15
tblVehicleEF	LDT1	0.24	0.31
tblVehicleEF	LDT1	4.3280e-003	4.3260e-003
tblVehicleEF	LDT1	9.1000e-004	9.2200e-004
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	1.01	1.15
tblVehicleEF	LDT1	0.26	0.33
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	6.7330e-003	8.8110e-003
tblVehicleEF	LDT2	1.00	1.19
tblVehicleEF	LDT2	1.24	1.59
tblVehicleEF	LDT2	393.96	410.37
tblVehicleEF	LDT2	74.53	77.73
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.12	0.17

tblVehicleEF	LDT2	2.2470e-003	2.1340e-003
tblVehicleEF	LDT2	3.8670e-003	3.3120e-003
tblVehicleEF	LDT2	2.0840e-003	1.9800e-003
tblVehicleEF	LDT2	3.5880e-003	3.0720e-003
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.36	0.40
tblVehicleEF	LDT2	0.09	0.12
tblVehicleEF	LDT2	5.4130e-003	5.4160e-003
tblVehicleEF	LDT2	1.0270e-003	1.0310e-003
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.36	0.40
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	6.7330e-003	8.8110e-003
tblVehicleEF	LDT2	0.88	1.05
tblVehicleEF	LDT2	2.13	2.73
tblVehicleEF	LDT2	370.20	385.64
tblVehicleEF	LDT2	74.53	77.73
tblVehicleEF	LDT2	0.15	0.15
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.14	0.20
tblVehicleEF	LDT2	2.2470e-003	2.1340e-003
tblVehicleEF	LDT2	3.8670e-003	3.3120e-003
tblVehicleEF	LDT2	2.0840e-003	1.9800e-003

tblVehicleEF	LDT2	3.5880e-003	3.0720e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.49	0.54
tblVehicleEF	LDT2	0.14	0.18
tblVehicleEF	LDT2	5.0850e-003	5.0870e-003
tblVehicleEF	LDT2	1.0430e-003	1.0510e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.49	0.54
tblVehicleEF	LDT2	0.15	0.19
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	1.2910e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.05	1.38
tblVehicleEF	LHD1	2.92	3.28
tblVehicleEF	LHD1	7.52	7.52
tblVehicleEF	LHD1	801.15	801.15
tblVehicleEF	LHD1	44.77	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.61	0.75
tblVehicleEF	LHD1	1.26	1.35
tblVehicleEF	LHD1	3.5200e-004	3.5700e-004

tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7260e-003	8.7280e-003
tblVehicleEF	LHD1	7.8680e-003	9.2190e-003
tblVehicleEF	LHD1	7.5400e-004	9.3800e-004
tblVehicleEF	LHD1	3.2400e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.2480e-003	8.4930e-003
tblVehicleEF	LHD1	6.9900e-004	8.7000e-004
tblVehicleEF	LHD1	3.7220e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5660e-003	2.6220e-003
tblVehicleEF	LHD1	0.09	0.12
tblVehicleEF	LHD1	0.49	0.50
tblVehicleEF	LHD1	0.29	0.34
tblVehicleEF	LHD1	8.8600e-003	8.8660e-003
tblVehicleEF	LHD1	5.5100e-004	5.5500e-004
tblVehicleEF	LHD1	3.7220e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5660e-003	2.6220e-003
tblVehicleEF	LHD1	0.11	0.14
tblVehicleEF	LHD1	0.49	0.50
tblVehicleEF	LHD1	0.31	0.36
tblVehicleEF	LHD1	1.2910e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.01	1.32
tblVehicleEF	LHD1	5.16	5.82

tblVehicleEF	LHD1	7.52	7.52
tblVehicleEF	LHD1	801.15	801.15
tblVehicleEF	LHD1	44.77	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.67	0.83
tblVehicleEF	LHD1	1.41	1.51
tblVehicleEF	LHD1	3.5200e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7260e-003	8.7280e-003
tblVehicleEF	LHD1	7.8680e-003	9.2190e-003
tblVehicleEF	LHD1	7.5400e-004	9.3800e-004
tblVehicleEF	LHD1	3.2400e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.2480e-003	8.4930e-003
tblVehicleEF	LHD1	6.9900e-004	8.7000e-004
tblVehicleEF	LHD1	1.1480e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.3600e-004	6.1400e-004
tblVehicleEF	LHD1	0.08	0.11
tblVehicleEF	LHD1	0.57	0.59
tblVehicleEF	LHD1	0.40	0.47
tblVehicleEF	LHD1	8.8590e-003	8.8650e-003
tblVehicleEF	LHD1	5.9000e-004	5.9900e-004
tblVehicleEF	LHD1	1.1480e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.3600e-004	6.1400e-004
tblVehicleEF	LHD1	0.10	0.14



tblVehicleEF	LHD1	0.57	0.59
tblVehicleEF	LHD1	0.43	0.51
tblVehicleEF	LHD2	3.2560e-003	0.00
tblVehicleEF	LHD2	9.8600e-004	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.88	1.17
tblVehicleEF	LHD2	1.84	2.22
tblVehicleEF	LHD2	8.43	8.43
tblVehicleEF	LHD2	677.32	677.82
tblVehicleEF	LHD2	29.36	29.05
tblVehicleEF	LHD2	3.2560e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.05	1.32
tblVehicleEF	LHD2	0.77	0.84
tblVehicleEF	LHD2	1.0460e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9520e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9800e-004	5.6400e-004
tblVehicleEF	LHD2	9.6200e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.4880e-003	2.4890e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7000e-004	5.2400e-004
tblVehicleEF	LHD2	2.2890e-003	2.7260e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5480e-003	1.7340e-003

tblVehicleEF	LHD2	0.09	0.12
tblVehicleEF	LHD2	0.29	0.35
tblVehicleEF	LHD2	0.16	0.21
tblVehicleEF	LHD2	7.4090e-003	7.4180e-003
tblVehicleEF	LHD2	3.6000e-004	3.6400e-004
tblVehicleEF	LHD2	2.2890e-003	2.7260e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5480e-003	1.7340e-003
tblVehicleEF	LHD2	0.11	0.14
tblVehicleEF	LHD2	0.29	0.35
tblVehicleEF	LHD2	0.17	0.22
tblVehicleEF	LHD2	9.8600e-004	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.85	1.13
tblVehicleEF	LHD2	3.24	3.90
tblVehicleEF	LHD2	8.43	8.43
tblVehicleEF	LHD2	677.32	677.82
tblVehicleEF	LHD2	29.36	29.05
tblVehicleEF	LHD2	3.2560e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.12	1.41
tblVehicleEF	LHD2	0.86	0.94
tblVehicleEF	LHD2	1.0460e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9520e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9800e-004	5.6400e-004

tblVehicleEF	LHD2	9.6200e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.4880e-003	2.4890e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7000e-004	5.2400e-004
tblVehicleEF	LHD2	6.9800e-004	7.6500e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.8500e-004	3.9900e-004
tblVehicleEF	LHD2	0.09	0.12
tblVehicleEF	LHD2	0.35	0.41
tblVehicleEF	LHD2	0.23	0.29
tblVehicleEF	LHD2	7.4080e-003	7.4180e-003
tblVehicleEF	LHD2	3.8400e-004	3.9300e-004
tblVehicleEF	LHD2	6.9800e-004	7.6500e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.8500e-004	3.9900e-004
tblVehicleEF	LHD2	0.11	0.14
tblVehicleEF	LHD2	0.35	0.41
tblVehicleEF	LHD2	0.24	0.31
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	18.28	18.87
tblVehicleEF	MCY	8.88	8.85
tblVehicleEF	MCY	145.51	144.23
tblVehicleEF	MCY	37.50	38.45
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	1.03	1.04
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.7000e-004	3.3200e-004

tbIVehicleEF	MCY	8.1900e-004	1.0770e-003
tbIVehicleEF	MCY	2.3000e-004	2.7800e-004
tbIVehicleEF	MCY	6.9400e-004	8.8700e-004
tbIVehicleEF	MCY	1.43	1.44
tbIVehicleEF	MCY	0.45	0.47
tbIVehicleEF	MCY	0.94	0.95
tbIVehicleEF	MCY	2.32	2.35
tbIVehicleEF	MCY	1.10	1.20
tbIVehicleEF	MCY	1.81	1.82
tbIVehicleEF	MCY	1.9770e-003	1.9720e-003
tbIVehicleEF	MCY	6.1300e-004	6.2300e-004
tbIVehicleEF	MCY	1.43	1.44
tbIVehicleEF	MCY	0.45	0.47
tbIVehicleEF	MCY	0.94	0.95
tbIVehicleEF	MCY	2.56	2.58
tbIVehicleEF	MCY	1.10	1.20
tbIVehicleEF	MCY	1.94	1.96
tbIVehicleEF	MCY	20.83	21.60
tbIVehicleEF	MCY	12.85	12.69
tbIVehicleEF	MCY	145.51	144.23
tbIVehicleEF	MCY	37.50	38.45
tbIVehicleEF	MCY	0.01	0.01
tbIVehicleEF	MCY	1.25	1.26
tbIVehicleEF	MCY	0.33	0.33
tbIVehicleEF	MCY	2.7000e-004	3.3200e-004
tbIVehicleEF	MCY	8.1900e-004	1.0770e-003
tbIVehicleEF	MCY	2.3000e-004	2.7800e-004
tbIVehicleEF	MCY	6.9400e-004	8.8700e-004
tbIVehicleEF	MCY	0.22	0.22
tbIVehicleEF	MCY	0.43	0.46

tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.49	2.53
tblVehicleEF	MCY	1.56	1.69
tblVehicleEF	MCY	2.54	2.58
tblVehicleEF	MCY	2.0220e-003	2.0210e-003
tblVehicleEF	MCY	6.9800e-004	7.0800e-004
tblVehicleEF	MCY	0.22	0.22
tblVehicleEF	MCY	0.43	0.46
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.73	2.77
tblVehicleEF	MCY	1.56	1.69
tblVehicleEF	MCY	2.72	2.77
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.76	2.13
tblVehicleEF	MDV	2.64	3.21
tblVehicleEF	MDV	530.26	549.77
tblVehicleEF	MDV	100.42	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.18	0.22
tblVehicleEF	MDV	0.28	0.34
tblVehicleEF	MDV	2.4550e-003	2.4990e-003
tblVehicleEF	MDV	3.7160e-003	3.4510e-003
tblVehicleEF	MDV	2.2770e-003	2.3130e-003
tblVehicleEF	MDV	3.4470e-003	3.1960e-003
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.04	0.06

tblVehicleEF	MDV	0.58	0.60
tblVehicleEF	MDV	0.23	0.29
tblVehicleEF	MDV	6.9110e-003	6.9080e-003
tblVehicleEF	MDV	1.3230e-003	1.3290e-003
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.58	0.60
tblVehicleEF	MDV	0.25	0.31
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.56	1.91
tblVehicleEF	MDV	4.53	5.49
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tblVehicleEF	MDV	100.42	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.22	0.27
tblVehicleEF	MDV	0.33	0.41
tblVehicleEF	MDV	2.4550e-003	2.4990e-003
tblVehicleEF	MDV	3.7160e-003	3.4510e-003
tblVehicleEF	MDV	2.2770e-003	2.3130e-003
tblVehicleEF	MDV	3.4470e-003	3.1960e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.21	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.78	0.80
tblVehicleEF	MDV	0.34	0.43
tblVehicleEF	MDV	6.4960e-003	6.4940e-003

tbIVehicleEF	MDV	1.3560e-003	1.3690e-003
tbIVehicleEF	MDV	0.04	0.04
tbIVehicleEF	MDV	0.21	0.22
tbIVehicleEF	MDV	0.04	0.04
tbIVehicleEF	MDV	0.06	0.08
tbIVehicleEF	MDV	0.78	0.80
tbIVehicleEF	MDV	0.36	0.45
tbIVehicleEF	MH	4.9100e-004	0.00
tbIVehicleEF	MH	1.31	2.77
tbIVehicleEF	MH	4.33	5.59
tbIVehicleEF	MH	666.44	666.59
tbIVehicleEF	MH	28.70	28.96
tbIVehicleEF	MH	4.9100e-004	5.0000e-004
tbIVehicleEF	MH	0.91	1.12
tbIVehicleEF	MH	0.61	0.73
tbIVehicleEF	MH	0.05	0.05
tbIVehicleEF	MH	8.4750e-003	8.4760e-003
tbIVehicleEF	MH	0.02	0.02
tbIVehicleEF	MH	5.1800e-004	9.1100e-004
tbIVehicleEF	MH	0.02	0.02
tbIVehicleEF	MH	0.02	0.02
tbIVehicleEF	MH	4.8000e-004	8.3100e-004
tbIVehicleEF	MH	0.99	1.36
tbIVehicleEF	MH	0.05	0.07
tbIVehicleEF	MH	0.47	0.60
tbIVehicleEF	MH	0.07	0.11
tbIVehicleEF	MH	1.36	1.86
tbIVehicleEF	MH	0.26	0.34
tbIVehicleEF	MH	7.3500e-003	7.3760e-003
tbIVehicleEF	MH	3.9400e-004	4.2000e-004

tblVehicleEF	MH	0.99	1.36
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.47	0.60
tblVehicleEF	MH	0.08	0.14
tblVehicleEF	MH	1.36	1.86
tblVehicleEF	MH	0.27	0.36
tblVehicleEF	MH	1.22	2.62
tblVehicleEF	MH	7.96	10.58
tblVehicleEF	MH	666.44	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9100e-004	5.0000e-004
tblVehicleEF	MH	1.01	1.25
tblVehicleEF	MH	0.69	0.82
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.4750e-003	8.4760e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.1800e-004	9.1100e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	4.8000e-004	8.3100e-004
tblVehicleEF	MH	0.30	0.37
tblVehicleEF	MH	0.06	0.09
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.06	0.11
tblVehicleEF	MH	1.52	2.07
tblVehicleEF	MH	0.37	0.52
tblVehicleEF	MH	7.3490e-003	7.3730e-003
tblVehicleEF	MH	4.5500e-004	5.0400e-004
tblVehicleEF	MH	0.30	0.37
tblVehicleEF	MH	0.06	0.09



tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.08	0.13
tblVehicleEF	MH	1.52	2.07
tblVehicleEF	MH	0.40	0.55
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	7.7250e-003	7.1860e-003
tblVehicleEF	MHD	4.5410e-003	5.2290e-003
tblVehicleEF	MHD	1.51	1.39
tblVehicleEF	MHD	0.55	0.73
tblVehicleEF	MHD	10.16	12.38
tblVehicleEF	MHD	606.62	605.99
tblVehicleEF	MHD	991.18	993.40
tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.46	4.78
tblVehicleEF	MHD	0.93	1.74
tblVehicleEF	MHD	1.40	1.68
tblVehicleEF	MHD	6.4590e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.4110e-003	1.8460e-003
tblVehicleEF	MHD	5.9420e-003	9.2440e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8600e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.3100e-003	1.7130e-003
tblVehicleEF	MHD	3.6170e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.17	0.15

tblVehicleEF	MHD	2.4030e-003	2.6690e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.44	0.47
tblVehicleEF	MHD	0.67	0.82
tblVehicleEF	MHD	6.4300e-003	6.4240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.2800e-004	7.6700e-004
tblVehicleEF	MHD	3.6170e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	2.4030e-003	2.6690e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.44	0.47
tblVehicleEF	MHD	0.71	0.88
tblVehicleEF	MHD	8.8490e-003	8.2320e-003
tblVehicleEF	MHD	4.5410e-003	5.2290e-003
tblVehicleEF	MHD	2.87	2.63
tblVehicleEF	MHD	0.54	0.71
tblVehicleEF	MHD	17.96	22.03
tblVehicleEF	MHD	525.62	525.08
tblVehicleEF	MHD	991.18	993.40
tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.20	4.43
tblVehicleEF	MHD	1.00	1.85
tblVehicleEF	MHD	1.57	1.88
tblVehicleEF	MHD	9.3220e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04

tbIVehicleEF	MHD	1.4110e-003	1.8460e-003
tbIVehicleEF	MHD	8.5770e-003	0.01
tbIVehicleEF	MHD	0.05	0.05
tbIVehicleEF	MHD	2.8600e-003	2.8550e-003
tbIVehicleEF	MHD	0.03	0.04
tbIVehicleEF	MHD	1.3100e-003	1.7130e-003
tbIVehicleEF	MHD	9.6600e-004	1.0250e-003
tbIVehicleEF	MHD	0.09	0.10
tbIVehicleEF	MHD	0.19	0.18
tbIVehicleEF	MHD	4.9600e-004	4.9200e-004
tbIVehicleEF	MHD	0.11	0.13
tbIVehicleEF	MHD	0.52	0.56
tbIVehicleEF	MHD	0.94	1.16
tbIVehicleEF	MHD	5.5720e-003	5.5660e-003
tbIVehicleEF	MHD	0.01	0.01
tbIVehicleEF	MHD	8.5900e-004	9.2900e-004
tbIVehicleEF	MHD	9.6600e-004	1.0250e-003
tbIVehicleEF	MHD	0.09	0.10
tbIVehicleEF	MHD	0.22	0.20
tbIVehicleEF	MHD	4.9600e-004	4.9200e-004
tbIVehicleEF	MHD	0.12	0.15
tbIVehicleEF	MHD	0.52	0.56
tbIVehicleEF	MHD	1.00	1.23
tbIVehicleEF	OBUS	3.1700e-003	0.00
tbIVehicleEF	OBUS	0.02	0.02
tbIVehicleEF	OBUS	2.7230e-003	2.7600e-003
tbIVehicleEF	OBUS	2.40	1.99
tbIVehicleEF	OBUS	0.90	1.21
tbIVehicleEF	OBUS	6.23	7.36
tbIVehicleEF	OBUS	565.17	566.66

tblVehicleEF	OBUS	1,013.79	1,011.27
tblVehicleEF	OBUS	32.73	32.73
tblVehicleEF	OBUS	3.1700e-003	3.1290e-003
tblVehicleEF	OBUS	3.30	4.79
tblVehicleEF	OBUS	1.02	2.09
tblVehicleEF	OBUS	1.11	1.29
tblVehicleEF	OBUS	7.4120e-003	8.0480e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.2300e-004	5.3000e-004
tblVehicleEF	OBUS	6.8190e-003	7.4040e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5830e-003	2.5720e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	3.9300e-004	4.9100e-004
tblVehicleEF	OBUS	1.1870e-003	1.2390e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.44
tblVehicleEF	OBUS	7.2800e-004	7.4800e-004
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	0.43	0.50
tblVehicleEF	OBUS	5.9910e-003	6.0070e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.7400e-004	4.9400e-004
tblVehicleEF	OBUS	1.1870e-003	1.2390e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	7.2800e-004	7.4800e-004

tblVehicleEF	OBUS	0.14	0.17
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	0.45	0.54
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.7230e-003	2.7600e-003
tblVehicleEF	OBUS	4.55	3.78
tblVehicleEF	OBUS	0.87	1.17
tblVehicleEF	OBUS	11.03	13.14
tblVehicleEF	OBUS	489.71	491.00
tblVehicleEF	OBUS	1,013.79	1,011.27
tblVehicleEF	OBUS	32.73	32.73
tblVehicleEF	OBUS	3.1700e-003	3.1290e-003
tblVehicleEF	OBUS	3.06	4.44
tblVehicleEF	OBUS	1.10	2.25
tblVehicleEF	OBUS	1.25	1.45
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.2300e-004	5.3000e-004
tblVehicleEF	OBUS	9.8420e-003	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5830e-003	2.5720e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	3.9300e-004	4.9100e-004
tblVehicleEF	OBUS	4.4100e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	1.6100e-004	1.5600e-004
tblVehicleEF	OBUS	0.12	0.14

tbIVehicleEF	OBUS	0.31	0.31
tbIVehicleEF	OBUS	0.59	0.71
tbIVehicleEF	OBUS	5.1910e-003	5.2050e-003
tbIVehicleEF	OBUS	0.01	0.01
tbIVehicleEF	OBUS	5.5500e-004	5.9200e-004
tbIVehicleEF	OBUS	4.4100e-004	4.3600e-004
tbIVehicleEF	OBUS	0.03	0.03
tbIVehicleEF	OBUS	0.69	0.57
tbIVehicleEF	OBUS	1.6100e-004	1.5600e-004
tbIVehicleEF	OBUS	0.14	0.16
tbIVehicleEF	OBUS	0.31	0.31
tbIVehicleEF	OBUS	0.63	0.76
tbIVehicleEF	SBUS	5.1000e-004	0.00
tbIVehicleEF	SBUS	4.4640e-003	4.1970e-003
tbIVehicleEF	SBUS	5.2230e-003	4.8430e-003
tbIVehicleEF	SBUS	0.84	0.76
tbIVehicleEF	SBUS	1.38	1.46
tbIVehicleEF	SBUS	14.41	15.64
tbIVehicleEF	SBUS	586.94	579.49
tbIVehicleEF	SBUS	981.76	988.14
tbIVehicleEF	SBUS	115.30	115.30
tbIVehicleEF	SBUS	5.1000e-004	5.2900e-004
tbIVehicleEF	SBUS	7.49	7.82
tbIVehicleEF	SBUS	5.44	5.87
tbIVehicleEF	SBUS	1.82	1.90
tbIVehicleEF	SBUS	9.9990e-003	0.01
tbIVehicleEF	SBUS	0.49	0.50
tbIVehicleEF	SBUS	0.01	0.01
tbIVehicleEF	SBUS	0.04	0.04
tbIVehicleEF	SBUS	1.0990e-003	1.2320e-003

tblVehicleEF	SBUS	9.1990e-003	0.01
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6390e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.0200e-003	1.1430e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.15	0.14
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.18	0.18
tblVehicleEF	SBUS	0.96	0.91
tblVehicleEF	SBUS	1.07	1.15
tblVehicleEF	SBUS	6.2220e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5390e-003	1.5610e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.15	0.14
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.20	0.20
tblVehicleEF	SBUS	0.96	0.91
tblVehicleEF	SBUS	1.14	1.23
tblVehicleEF	SBUS	5.1130e-003	4.8080e-003
tblVehicleEF	SBUS	5.2230e-003	4.8430e-003
tblVehicleEF	SBUS	1.59	1.45
tblVehicleEF	SBUS	1.32	1.40
tblVehicleEF	SBUS	20.36	22.10
tblVehicleEF	SBUS	508.57	502.12
tblVehicleEF	SBUS	981.76	988.14
tblVehicleEF	SBUS	115.30	115.30

tblVehicleEF	SBUS	5.1000e-004	5.2900e-004
tblVehicleEF	SBUS	6.93	7.24
tblVehicleEF	SBUS	5.82	6.28
tblVehicleEF	SBUS	2.06	2.15
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.0990e-003	1.2320e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6390e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.0200e-003	1.1430e-003
tblVehicleEF	SBUS	7.3880e-003	6.5920e-003
tblVehicleEF	SBUS	0.16	0.15
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	2.6530e-003	2.3080e-003
tblVehicleEF	SBUS	0.17	0.17
tblVehicleEF	SBUS	1.39	1.32
tblVehicleEF	SBUS	1.31	1.41
tblVehicleEF	SBUS	5.3910e-003	5.3230e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6400e-003	1.6700e-003
tblVehicleEF	SBUS	7.3880e-003	6.5920e-003
tblVehicleEF	SBUS	0.16	0.15
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	2.6530e-003	2.3080e-003
tblVehicleEF	SBUS	0.20	0.20
tblVehicleEF	SBUS	1.39	1.32



tbIVehicleEF	SBUS	1.40	1.51
tbIVehicleEF	UBUS	0.01	0.00
tbIVehicleEF	UBUS	3.81	3.84
tbIVehicleEF	UBUS	3.45	3.47
tbIVehicleEF	UBUS	2,103.85	2,108.15
tbIVehicleEF	UBUS	8.39	8.39
tbIVehicleEF	UBUS	0.01	0.01
tbIVehicleEF	UBUS	9.42	9.58
tbIVehicleEF	UBUS	0.31	0.30
tbIVehicleEF	UBUS	0.16	0.16
tbIVehicleEF	UBUS	4.5100e-004	4.5400e-004
tbIVehicleEF	UBUS	0.15	0.15
tbIVehicleEF	UBUS	4.1800e-004	4.2100e-004
tbIVehicleEF	UBUS	3.5230e-003	3.5050e-003
tbIVehicleEF	UBUS	0.05	0.05
tbIVehicleEF	UBUS	1.6810e-003	1.6720e-003
tbIVehicleEF	UBUS	0.77	0.76
tbIVehicleEF	UBUS	0.50	0.45
tbIVehicleEF	UBUS	0.25	0.24
tbIVehicleEF	UBUS	0.02	0.02
tbIVehicleEF	UBUS	3.5230e-003	3.5050e-003
tbIVehicleEF	UBUS	0.05	0.05
tbIVehicleEF	UBUS	1.6810e-003	1.6720e-003
tbIVehicleEF	UBUS	0.84	0.84
tbIVehicleEF	UBUS	0.50	0.45
tbIVehicleEF	UBUS	0.26	0.26
tbIVehicleEF	UBUS	3.69	3.72
tbIVehicleEF	UBUS	6.12	6.15
tbIVehicleEF	UBUS	2,103.85	2,108.15
tbIVehicleEF	UBUS	8.39	8.39

tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	10.02	10.19
tblVehicleEF	UBUS	0.35	0.34
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	4.5100e-004	4.5400e-004
tblVehicleEF	UBUS	0.15	0.15
tblVehicleEF	UBUS	4.1800e-004	4.2100e-004
tblVehicleEF	UBUS	8.9400e-004	8.8400e-004
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	2.5400e-004	2.4900e-004
tblVehicleEF	UBUS	0.73	0.73
tblVehicleEF	UBUS	0.67	0.60
tblVehicleEF	UBUS	0.37	0.36
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	8.9400e-004	8.8400e-004
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	2.5400e-004	2.4900e-004
tblVehicleEF	UBUS	0.80	0.80
tblVehicleEF	UBUS	0.67	0.60
tblVehicleEF	UBUS	0.40	0.39
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.99
tblVehicleTrips	CC_TL	7.30	13.93
tblVehicleTrips	CC_TL	7.30	1.17
tblVehicleTrips	CC_TL	7.30	2.55
tblVehicleTrips	CC_TL	7.30	1.12
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.99

tblVehicleTrips	CNW_TL	7.30	13.93
tblVehicleTrips	CNW_TL	7.30	1.17
tblVehicleTrips	CNW_TL	7.30	2.55
tblVehicleTrips	CNW_TL	7.30	1.12
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.99
tblVehicleTrips	CW_TL	9.50	13.93
tblVehicleTrips	CW_TL	9.50	1.17
tblVehicleTrips	CW_TL	9.50	2.55
tblVehicleTrips	CW_TL	9.50	1.12
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	5.40	4.57
tblVehicleTrips	HS_TL	4.30	4.57
tblVehicleTrips	HW_TL	12.40	4.57
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00

tblVehicleTrips	PR_TP	51.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	7.16	1.77
tblVehicleTrips	ST_TR	1.59	2.93
tblVehicleTrips	ST_TR	696.00	79.38
tblVehicleTrips	ST_TR	2.37	2.93
tblVehicleTrips	ST_TR	158.37	28.01
tblVehicleTrips	ST_TR	1.49	0.47
tblVehicleTrips	ST_TR	42.04	19.27
tblVehicleTrips	SU_TR	6.07	1.77
tblVehicleTrips	SU_TR	1.59	2.93
tblVehicleTrips	SU_TR	500.00	79.38
tblVehicleTrips	SU_TR	0.98	2.93
tblVehicleTrips	SU_TR	131.84	28.01
tblVehicleTrips	SU_TR	0.62	0.47
tblVehicleTrips	SU_TR	20.43	19.27
tblVehicleTrips	WD_TR	6.59	1.77
tblVehicleTrips	WD_TR	1.59	2.93
tblVehicleTrips	WD_TR	716.00	79.38
tblVehicleTrips	WD_TR	11.01	2.93
tblVehicleTrips	WD_TR	127.15	28.01
tblVehicleTrips	WD_TR	3.82	0.47
tblVehicleTrips	WD_TR	44.32	19.27
tblWoodstoves	NumberCatalytic	2.66	0.00
tblWoodstoves	NumberNoncatalytic	2.66	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					
2016	0.0281	0.2996	0.2960	3.7000e-004	0.0968	0.0108	0.1076	0.0514	9.9200e-003	0.0613	0.0000	33.7539	33.7539	4.0000e-003	0.0000	33.8380
<b>Total</b>	<b>0.0281</b>	<b>0.2996</b>	<b>0.2960</b>	<b>3.7000e-004</b>	<b>0.0968</b>	<b>0.0108</b>	<b>0.1076</b>	<b>0.0514</b>	<b>9.9200e-003</b>	<b>0.0613</b>	<b>0.0000</b>	<b>33.7539</b>	<b>33.7539</b>	<b>4.0000e-003</b>	<b>0.0000</b>	<b>33.8380</b>

### 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					
2016	0.0281	0.2996	0.2960	3.7000e-004	0.0471	0.0108	0.0579	0.0241	9.9200e-003	0.0340	0.0000	33.7539	33.7539	4.0000e-003	0.0000	33.8379
<b>Total</b>	<b>0.0281</b>	<b>0.2996</b>	<b>0.2960</b>	<b>3.7000e-004</b>	<b>0.0471</b>	<b>0.0108</b>	<b>0.0579</b>	<b>0.0241</b>	<b>9.9200e-003</b>	<b>0.0340</b>	<b>0.0000</b>	<b>33.7539</b>	<b>33.7539</b>	<b>4.0000e-003</b>	<b>0.0000</b>	<b>33.8379</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>51.32</b>	<b>0.00</b>	<b>46.17</b>	<b>53.11</b>	<b>0.00</b>	<b>44.52</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

## 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	0.5276	0.0456	3.9517	2.1000e-004		0.0222	0.0222		0.0222	0.0222	0.0000	11.5689	11.5689	6.3100e-003	9.0000e-005	11.7304
Energy	0.0242	0.2193	0.1794	1.3200e-003		0.0167	0.0167		0.0167	0.0167	0.0000	2,021.3088	2,021.3088	0.0852	0.0211	2,029.6260
Mobile	0.6923	0.3399	3.8859	0.0114	0.4420	0.0102	0.4522	0.1253	9.4600e-003	0.1348	0.0000	708.9308	708.9308	0.0330	0.0000	709.6235
Waste						0.0000	0.0000		0.0000	0.0000	107.9547	0.0000	107.9547	6.3799	0.0000	241.9333
Water						0.0000	0.0000		0.0000	0.0000	13.9955	94.1179	108.1134	1.4417	0.0348	149.1845
<b>Total</b>	<b>1.2441</b>	<b>0.6048</b>	<b>8.0169</b>	<b>0.0130</b>	<b>0.4420</b>	<b>0.0492</b>	<b>0.4911</b>	<b>0.1253</b>	<b>0.0484</b>	<b>0.1737</b>	<b>121.9501</b>	<b>2,835.9264</b>	<b>2,957.8765</b>	<b>7.9461</b>	<b>0.0560</b>	<b>3,142.0977</b>

**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	0.1559	0.0456	3.9517	2.1000e-004		0.0222	0.0222		0.0222	0.0222	0.0000	11.5689	11.5689	6.3100e-003	9.0000e-005	11.7304
Energy	0.0242	0.2193	0.1794	1.3200e-003		0.0167	0.0167		0.0167	0.0167	0.0000	2,021.3088	2,021.3088	0.0852	0.0211	2,029.6260
Mobile	0.6923	0.3399	3.8859	0.0114	0.4420	0.0102	0.4522	0.1253	9.4600e-003	0.1348	0.0000	708.9308	708.9308	0.0330	0.0000	709.6235
Waste						0.0000	0.0000		0.0000	0.0000	107.9547	0.0000	107.9547	6.3799	0.0000	241.9333
Water						0.0000	0.0000		0.0000	0.0000	13.9955	94.1179	108.1134	1.4415	0.0348	149.1621
<b>Total</b>	<b>0.8724</b>	<b>0.6048</b>	<b>8.0169</b>	<b>0.0130</b>	<b>0.4420</b>	<b>0.0492</b>	<b>0.4911</b>	<b>0.1253</b>	<b>0.0484</b>	<b>0.1737</b>	<b>121.9501</b>	<b>2,835.9264</b>	<b>2,957.8765</b>	<b>7.9459</b>	<b>0.0559</b>	<b>3,142.0754</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	29.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	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	AREA 1 - Infrastructure	Site Preparation	1/1/2016	1/14/2016	5	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
AREA 1 - Infrastructure	Rubber Tired Dozers	3	8.00	255	0.40

#### 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
AREA 1 - Infrastructure	3	18.00	0.00	620.00	20.40	16.00	20.00	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

### 3.2 AREA 1 - Infrastructure - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.0186	0.2081	0.1573	1.3000e-004		9.6800e-003	9.6800e-003		8.9100e-003	8.9100e-003	0.0000	12.5659	12.5659	3.7900e-003	0.0000	12.6455
<b>Total</b>	<b>0.0186</b>	<b>0.2081</b>	<b>0.1573</b>	<b>1.3000e-004</b>	<b>0.0903</b>	<b>9.6800e-003</b>	<b>0.1000</b>	<b>0.0497</b>	<b>8.9100e-003</b>	<b>0.0586</b>	<b>0.0000</b>	<b>12.5659</b>	<b>12.5659</b>	<b>3.7900e-003</b>	<b>0.0000</b>	<b>12.6455</b>

#### 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	9.0800e-003	0.0908	0.1318	2.2000e-004	5.1500e-003	1.0900e-003	6.2400e-003	1.4100e-003	1.0000e-003	2.4100e-003	0.0000	19.8619	19.8619	1.4000e-004	0.0000	19.8649
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	3.9000e-004	7.0000e-004	6.8900e-003	2.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.3262	1.3262	7.0000e-005	0.0000	1.3276
<b>Total</b>	<b>9.4700e-003</b>	<b>0.0915</b>	<b>0.1387</b>	<b>2.4000e-004</b>	<b>6.4900e-003</b>	<b>1.1000e-003</b>	<b>7.5900e-003</b>	<b>1.7700e-003</b>	<b>1.0100e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>21.1880</b>	<b>21.1880</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>21.1925</b>

#### 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					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0186	0.2081	0.1573	1.3000e-004		9.6800e-003	9.6800e-003		8.9100e-003	8.9100e-003	0.0000	12.5658	12.5658	3.7900e-003	0.0000	12.6454
<b>Total</b>	<b>0.0186</b>	<b>0.2081</b>	<b>0.1573</b>	<b>1.3000e-004</b>	<b>0.0407</b>	<b>9.6800e-003</b>	<b>0.0503</b>	<b>0.0223</b>	<b>8.9100e-003</b>	<b>0.0313</b>	<b>0.0000</b>	<b>12.5658</b>	<b>12.5658</b>	<b>3.7900e-003</b>	<b>0.0000</b>	<b>12.6454</b>

### 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	9.0800e-003	0.0908	0.1318	2.2000e-004	5.1500e-003	1.0900e-003	6.2400e-003	1.4100e-003	1.0000e-003	2.4100e-003	0.0000	19.8619	19.8619	1.4000e-004	0.0000	19.8649
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	3.9000e-004	7.0000e-004	6.8900e-003	2.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.3262	1.3262	7.0000e-005	0.0000	1.3276
<b>Total</b>	<b>9.4700e-003</b>	<b>0.0915</b>	<b>0.1387</b>	<b>2.4000e-004</b>	<b>6.4900e-003</b>	<b>1.1000e-003</b>	<b>7.5900e-003</b>	<b>1.7700e-003</b>	<b>1.0100e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>21.1880</b>	<b>21.1880</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>21.1925</b>

## 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
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Category	tons/yr										MT/yr					
	0.6923	0.3399	3.8859	0.0114	0.4420	0.0102	0.4522	0.1253	9.4600e-003	0.1348	0.0000	708.9308	708.9308	0.0330	0.0000	709.6235
Mitigated	0.6923	0.3399	3.8859	0.0114	0.4420	0.0102	0.4522	0.1253	9.4600e-003	0.1348	0.0000	708.9308	708.9308	0.0330	0.0000	709.6235
Unmitigated	0.6923	0.3399	3.8859	0.0114	0.4420	0.0102	0.4522	0.1253	9.4600e-003	0.1348	0.0000	708.9308	708.9308	0.0330	0.0000	709.6235

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	941.36	941.36	941.36	1,566,405	1,566,405
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	487.38	487.38	487.38	175,463	175,463
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	401.09	401.09	401.09	170,718	170,718
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Strip Mall	843.66	843.66	843.66	343,873	343,873
Strip Mall	0.00	0.00	0.00		
<b>Total</b>	<b>2,673.49</b>	<b>2,673.49</b>	<b>2,673.49</b>	<b>2,256,459</b>	<b>2,256,459</b>

#### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	4.57	4.57	4.57	26.10	29.10	44.80	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive	0.99	0.99	0.99	1.50	79.50	19.00	100	0	0
General Office Building	13.93	13.93	13.93	33.00	48.00	19.00	100	0	0
High Turnover (Sit Down	1.17	1.17	1.17	8.50	72.50	19.00	100	0	0

High Turnover (Sit Down)	1.17	1.17	1.17	8.50	72.50	19.00	100	0	0
Manufacturing	2.55	2.55	2.55	59.00	28.00	13.00	100	0	0
Strip Mall	1.12	1.12	1.12	16.60	64.40	19.00	100	0	0
Strip Mall	1.12	1.12	1.12	16.60	64.40	19.00	100	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.689839	0.063945	0.161776	0.084440	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

## 5.0 Energy Detail

### 4.4 Fleet Mix

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	1,781.7233	1,781.7233	0.0806	0.0167	1,788.5824
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,781.7233	1,781.7233	0.0806	0.0167	1,788.5824
NaturalGas Mitigated	0.0242	0.2193	0.1794	1.3200e-003		0.0167	0.0167		0.0167	0.0167	0.0000	239.5855	239.5855	4.5900e-003	4.3900e-003	241.0436
NaturalGas Unmitigated	0.0242	0.2193	0.1794	1.3200e-003		0.0167	0.0167		0.0167	0.0167	0.0000	239.5855	239.5855	4.5900e-003	4.3900e-003	241.0436

### 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					
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive Thru	1.70986e+006	9.2200e-003	0.0838	0.0704	5.0000e-004		6.3700e-003	6.3700e-003		6.3700e-003	6.3700e-003	0.0000	91.2445	91.2445	1.7500e-003	1.6700e-003	91.7998
General Office Building	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
High Turnover (Sit Down Restaurant)	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
High Turnover (Sit Down Restaurant)	2.21328e+006	0.0119	0.1085	0.0911	6.5000e-004		8.2500e-003	8.2500e-003		8.2500e-003	8.2500e-003	0.0000	118.1089	118.1089	2.2600e-003	2.1700e-003	118.8277
Manufacturing	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	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	311169	1.6800e-003	0.0153	0.0128	9.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	16.6052	16.6052	3.2000e-004	3.0000e-004	16.7062
Apartments High Rise	255360	1.3800e-003	0.0118	5.0100e-003	8.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	13.6270	13.6270	2.6000e-004	2.5000e-004	13.7099
<b>Total</b>		<b>0.0242</b>	<b>0.2193</b>	<b>0.1794</b>	<b>1.3200e-003</b>		<b>0.0167</b>	<b>0.0167</b>		<b>0.0167</b>	<b>0.0167</b>	<b>0.0000</b>	<b>239.5855</b>	<b>239.5855</b>	<b>4.5900e-003</b>	<b>4.3900e-003</b>	<b>241.0436</b>

**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					
City Park	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
Enclosed Parking with Elevator	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
Fast Food Restaurant w/o Drive Thru	1.70986e+006	9.2200e-003	0.0838	0.0704	5.0000e-004		6.3700e-003	6.3700e-003		6.3700e-003	6.3700e-003	0.0000	91.2445	91.2445	1.7500e-003	1.6700e-003	91.7998

General Office Building	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	0.0000
High Turnover (Sit Down Restaurant)	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	0.0000
High Turnover (Sit Down Restaurant)	2.21328e+006	0.0119	0.1085	0.0911	6.5000e-004	8.2500e-003	8.2500e-003	8.2500e-003	8.2500e-003	0.0000	118.1089	118.1089	2.2600e-003	2.1700e-003	118.8277	
Manufacturing	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	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	311169	1.6800e-003	0.0153	0.0128	9.0000e-005	1.1600e-003	1.1600e-003	1.1600e-003	1.1600e-003	0.0000	16.6052	16.6052	3.2000e-004	3.0000e-004	16.7062	
Apartments High Rise	255360	1.3800e-003	0.0118	5.0100e-003	8.0000e-005	9.5000e-004	9.5000e-004	9.5000e-004	9.5000e-004	0.0000	13.6270	13.6270	2.6000e-004	2.5000e-004	13.7099	
<b>Total</b>		<b>0.0242</b>	<b>0.2193</b>	<b>0.1794</b>	<b>1.3200e-003</b>	<b>0.0167</b>	<b>0.0167</b>	<b>0.0167</b>	<b>0.0167</b>	<b>0.0000</b>	<b>239.5855</b>	<b>239.5855</b>	<b>4.5900e-003</b>	<b>4.3900e-003</b>	<b>241.0436</b>	

### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.89258e+006	1,423.3062	0.0644	0.0133	1,428.7855
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	296062	86.1278	3.8900e-003	8.1000e-004	86.4594
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	502275	146.1177	6.6100e-003	1.3700e-003	146.6802
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000

Strip Mall	433711	126.1716	5.7100e-003	1.1800e-003	126.6573
<b>Total</b>		<b>1,781.7233</b>	<b>0.0806</b>	<b>0.0167</b>	<b>1,788.5824</b>

### Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.89258e+006	1,423.3062	0.0644	0.0133	1,428.7855
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	296062	86.1278	3.8900e-003	8.1000e-004	86.4594
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	502275	146.1177	6.6100e-003	1.3700e-003	146.6802
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	433711	126.1716	5.7100e-003	1.1800e-003	126.6573
<b>Total</b>		<b>1,781.7233</b>	<b>0.0806</b>	<b>0.0167</b>	<b>1,788.5824</b>

## 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	0.1559	0.0456	3.9517	2.1000e-004		0.0222	0.0222		0.0222	0.0222	0.0000	11.5689	11.5689	6.3100e-003	9.0000e-005	11.7304
Unmitigated	0.5276	0.0456	3.9517	2.1000e-004		0.0222	0.0222		0.0222	0.0222	0.0000	11.5689	11.5689	6.3100e-003	9.0000e-005	11.7304

## 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	0.4080					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	5.2000e-004	0.0000	3.0000e-005	0.0000		3.6000e-004	3.6000e-004		3.5000e-004	3.5000e-004	0.0000	5.1152	5.1152	1.0000e-004	9.0000e-005	5.1464
Landscaping	0.1191	0.0456	3.9516	2.1000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	6.4537	6.4537	6.2100e-003	0.0000	6.5840
<b>Total</b>	<b>0.5276</b>	<b>0.0456</b>	<b>3.9517</b>	<b>2.1000e-004</b>		<b>0.0222</b>	<b>0.0222</b>		<b>0.0222</b>	<b>0.0222</b>	<b>0.0000</b>	<b>11.5689</b>	<b>11.5689</b>	<b>6.3100e-003</b>	<b>9.0000e-005</b>	<b>11.7304</b>

### 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	0.0363					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	5.2000e-004	0.0000	3.0000e-005	0.0000		3.6000e-004	3.6000e-004		3.5000e-004	3.5000e-004	0.0000	5.1152	5.1152	1.0000e-004	9.0000e-005	5.1464
Landscaping	0.1191	0.0456	3.9516	2.1000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	6.4537	6.4537	6.2100e-003	0.0000	6.5840
<b>Total</b>	<b>0.1559</b>	<b>0.0456</b>	<b>3.9517</b>	<b>2.1000e-004</b>		<b>0.0222</b>	<b>0.0222</b>		<b>0.0222</b>	<b>0.0222</b>	<b>0.0000</b>	<b>11.5689</b>	<b>11.5689</b>	<b>6.3100e-003</b>	<b>9.0000e-005</b>	<b>11.7304</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	108.1134	1.4415	0.0348	149.1621
Unmitigated	108.1134	1.4417	0.0348	149.1845

### 7.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e



Land Use	Mgal	MT/yr			
Apartments High Rise	34.6619 / 21.8521	87.8083	1.1329	0.0274	120.0901
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	1.8637 / 0.118959	3.6461	0.0609	1.4600e-003	5.3777
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.3466 / 0.277443	8.5036	0.1420	3.4100e-003	12.5420
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.24215 / 1.98713	8.1554	0.1060	2.5600e-003	11.1747
<b>Total</b>		<b>108.1134</b>	<b>1.4417</b>	<b>0.0348</b>	<b>149.1845</b>

**Mitigated**

Land Use	Indoor/Outdoor Use	Mgal	MT/yr			
			Total CO2	CH4	N2O	CO2e
Apartments High Rise		34.6619 / 21.8521	87.8083	1.1327	0.0273	120.0726
City Park		0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator		0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru		1.8637 / 0.118959	3.6461	0.0609	1.4600e-003	5.3767
General Office Building		0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)		4.3466 / 0.277443	8.5036	0.1419	3.4100e-003	12.5398

Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.24215 / 1.98713	8.1554	0.1060	2.5600e- 003	11.1731
<b>Total</b>		<b>108.1134</b>	<b>1.4415</b>	<b>0.0348</b>	<b>149.1621</b>

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Unmitigated	107.9547	6.3799	0.0000	241.9333
Mitigated	107.9547	6.3799	0.0000	241.9333

### 8.2 Waste by Land Use

#### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	244.72	49.6760	2.9358	0.0000	111.3270
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000

Fast Food Restaurant w/o Drive Thru	70.73	14.3576	0.8485	0.0000	32.1762
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	170.41	34.5917	2.0443	0.0000	77.5222
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	45.96	9.3295	0.5514	0.0000	20.9079
<b>Total</b>		<b>107.9547</b>	<b>6.3799</b>	<b>0.0000</b>	<b>241.9333</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	244.72	49.6760	2.9358	0.0000	111.3270
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	70.73	14.3576	0.8485	0.0000	32.1762
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	170.41	34.5917	2.0443	0.0000	77.5222
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	45.96	9.3295	0.5514	0.0000	20.9079
<b>Total</b>		<b>107.9547</b>	<b>6.3799</b>	<b>0.0000</b>	<b>241.9333</b>

**9.0 Operational Offroad**

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

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**Mission Rock - Operational Area 4B**  
**San Francisco County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.00	1000sqft	0.00	0.00	0
Manufacturing	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	0.00	1000sqft	0.00	0.00	0
Enclosed Parking with Elevator	0.00		0.00		0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	0.00	0
City Park	0.00	Acre	0.00	21,551.00	0
Fast Food Restaurant w/o Drive Thru	6.14	1000sqft	0.14	6,136.00	0
High Turnover (Sit Down Restaurant)	14.32	1000sqft	0.33	14,318.00	0
High Turnover (Sit Down Restaurant)	0.00	1000sqft	0.00	0.00	0
Apartments High Rise	532.00	Dwelling Unit	8.58	531,985.00	1522
Strip Mall	43.77	1000sqft	1.00	43,765.00	0
Strip Mall	0.00	1000sqft	0.00	0.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - May need to change operational date from 2020; plus there are multiple phases of operation coming online at different times

Land Use - Acreages will have to be updated as well, I had no acreage info to go on.

Construction Phase - Schedule specified by the applicant. Start date currently set for 4/3/17. All phases trickle down from this date, based on phase durations from applicant

Off-road Equipment - No equipment. Phase is just for fugitive emissions.

Off-road Equipment - Provided by applicant. Dump truck calculated outside of CalEEMod

Trips and VMT - All trips (and trip lengths) are one-way (times 2 for round trips). # of workers was doubled to calculate one-way worker trips. Hauling trips from applicant are already one-way trips. These are total trips including worker and material hauling

On-road Fugitive Dust - No changes

Demolition - No extra demo trips

Grading - From applicant. The applicant showed material movement in the foundations phase; since CalEEMod doesn't allow entry for bldg construction phase, this material was included in the demo phase

Architectural Coating - For Study Scenario A, based on CalEEMod defaults and land use data (since no land use data was entered into this model run).

Vehicle Trips - Trip rate and trip percentage values from TIA (June 2016). Trip lengths for High Com (Scen A) from F&P: 3.5 for res, 9.5 for office, 1.0 for retail, 2.2 for Dist 12

Vehicle Emission Factors - Trucks modeled outside of CalEEMod. Only includes light duty vehicles scaled up from default values.

Woodstoves - From 151201\_Mission Rock AQ Modeling Assumptions Rev3\_P+Ws\_clean.docx. No woodstoves. 20% gas fireplaces

Consumer Products - Removed consumer product emissions to model outside CalEEMod (to remove sqft from non-consumer land uses).

Energy Use - Assumed 1,000 sq ft per dwelling unit for Apartments High Rise

Construction Off-road Equipment Mitigation - Based on BAAQMD MMs

Area Mitigation - Per Brian Schuster's direction

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.63	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	4.07	0.00
tblEnergyUse	LightingElect	6.01	0.00
tblEnergyUse	LightingElect	3.43	0.00

tblEnergyUse	LightingElect	5.51	0.00
tblEnergyUse	NT24E	2,561.86	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	20.97	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24E	3.36	0.00
tblEnergyUse	NT24NG	1,662.00	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	128.02	0.00
tblEnergyUse	NT24NG	6.90	0.00
tblEnergyUse	NT24NG	0.70	0.00
tblEnergyUse	T24E	312.05	9,196.57
tblEnergyUse	T24E	3.26	48.25
tblEnergyUse	T24E	5.01	7.43
tblEnergyUse	T24E	3.26	35.08
tblEnergyUse	T24E	2.74	9.91
tblEnergyUse	T24NG	7,191.67	480.00
tblEnergyUse	T24NG	41.99	278.66
tblEnergyUse	T24NG	19.28	1.22
tblEnergyUse	T24NG	41.99	154.58
tblEnergyUse	T24NG	4.10	7.11
tblFireplaces	NumberGas	292.60	106.40
tblFireplaces	NumberNoFireplace	164.92	425.60
tblFireplaces	NumberWood	74.48	0.00
tblLandUse	LandUseSquareFeet	0.00	21,551.00
tblLandUse	LandUseSquareFeet	6,140.00	6,136.00
tblLandUse	LandUseSquareFeet	14,320.00	14,318.00

tblLandUse	LandUseSquareFeet	532,000.00	531,985.00
tblLandUse	LandUseSquareFeet	43,770.00	43,765.00
tblProjectCharacteristics	OperationalYear	2014	2023
tblTripsAndVMT	HaulingTripNumber	0.00	620.00
tblTripsAndVMT	VendorTripLength	7.30	16.00
tblTripsAndVMT	WorkerTripLength	12.40	20.40
tblTripsAndVMT	WorkerTripNumber	8.00	18.00
tblVehicleEF	HHD	4.1560e-003	0.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	9.3370e-003	9.9070e-003
tblVehicleEF	HHD	2.50	2.29
tblVehicleEF	HHD	3.35	3.96
tblVehicleEF	HHD	44.23	47.11
tblVehicleEF	HHD	558.97	559.68
tblVehicleEF	HHD	1,470.23	1,457.70
tblVehicleEF	HHD	49.32	50.48
tblVehicleEF	HHD	4.1560e-003	4.0430e-003
tblVehicleEF	HHD	3.38	4.10
tblVehicleEF	HHD	2.21	3.83
tblVehicleEF	HHD	3.60	3.76
tblVehicleEF	HHD	7.6770e-003	8.6950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.0490e-003	1.6010e-003
tblVehicleEF	HHD	7.0630e-003	8.0000e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.2340e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	9.7300e-004	1.4180e-003



tblVehicleEF	HHD	2.8040e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.58	0.53
tblVehicleEF	HHD	2.1940e-003	2.3420e-003
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.33	1.59
tblVehicleEF	HHD	5.9250e-003	5.9330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2830e-003	1.3490e-003
tblVehicleEF	HHD	2.8040e-003	3.0730e-003
tblVehicleEF	HHD	0.08	0.09
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	2.1940e-003	2.3420e-003
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tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	1.42	1.70
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.3370e-003	9.9070e-003
tblVehicleEF	HHD	4.74	4.35
tblVehicleEF	HHD	3.22	3.80
tblVehicleEF	HHD	81.29	86.21
tblVehicleEF	HHD	484.34	484.95
tblVehicleEF	HHD	1,470.23	1,457.70
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tblVehicleEF	HHD	4.1560e-003	4.0430e-003
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tblVehicleEF	HHD	2.39	4.11
tblVehicleEF	HHD	4.04	4.23
tblVehicleEF	HHD	0.01	0.01

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.0490e-003	1.6010e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.2340e-003	8.0790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	9.7300e-004	1.4180e-003
tblVehicleEF	HHD	7.6900e-004	7.5600e-004
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tblVehicleEF	HHD	0.66	0.61
tblVehicleEF	HHD	4.1800e-004	3.8500e-004
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tblVehicleEF	HHD	0.52	0.55
tblVehicleEF	HHD	2.04	2.48
tblVehicleEF	HHD	5.1340e-003	5.1410e-003
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tblVehicleEF	HHD	1.8870e-003	1.9910e-003
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tblVehicleEF	HHD	4.1800e-004	3.8500e-004
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tblVehicleEF	HHD	0.52	0.55
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tblVehicleEF	LDA	4.7840e-003	6.1340e-003
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tblVehicleEF	LDA	0.06	0.07
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	2.3290e-003	2.2290e-003
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tblVehicleEF	LDA	2.1600e-003	2.0660e-003
tblVehicleEF	LDA	3.7210e-003	3.2020e-003
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tblVehicleEF	LDA	0.08	0.10
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tblVehicleEF	LDA	0.19	0.21
tblVehicleEF	LDA	0.07	0.08
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tblVehicleEF	LDA	7.5200e-004	7.5400e-004
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tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.19	0.21
tblVehicleEF	LDA	0.07	0.09
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tblVehicleEF	LDA	242.70	257.10
tblVehicleEF	LDA	49.18	52.36

tblVehicleEF	LDA	0.63	0.63
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	2.3290e-003	2.2290e-003
tblVehicleEF	LDA	4.0110e-003	3.4520e-003
tblVehicleEF	LDA	2.1600e-003	2.0660e-003
tblVehicleEF	LDA	3.7210e-003	3.2020e-003
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.24	0.27
tblVehicleEF	LDA	0.10	0.12
tblVehicleEF	LDA	7.6300e-004	7.6800e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.02	0.03
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tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
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tblVehicleEF	LDT1	0.13	0.16
tblVehicleEF	LDT1	0.15	0.18

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tblVehicleEF	LDT1	3.0090e-003	3.2870e-003
tblVehicleEF	LDT1	4.0570e-003	3.9840e-003
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tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.14	0.15
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tblVehicleEF	LDT1	0.73	0.83
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tblVehicleEF	LDT1	8.8500e-004	8.9000e-004
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tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.14	0.15
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.73	0.83
tblVehicleEF	LDT1	0.18	0.22
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	1.40	1.72
tblVehicleEF	LDT1	3.51	4.41
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tblVehicleEF	LDT1	61.07	63.99
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.16	0.19
tblVehicleEF	LDT1	0.17	0.22
tblVehicleEF	LDT1	3.2430e-003	3.5450e-003
tblVehicleEF	LDT1	4.3730e-003	4.2950e-003
tblVehicleEF	LDT1	3.0090e-003	3.2870e-003

tblVehicleEF	LDT1	4.0570e-003	3.9840e-003
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	1.01	1.15
tblVehicleEF	LDT1	0.24	0.31
tblVehicleEF	LDT1	4.3280e-003	4.3260e-003
tblVehicleEF	LDT1	9.1000e-004	9.2200e-004
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tblVehicleEF	LDT1	0.24	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.05	0.06
tblVehicleEF	LDT1	1.01	1.15
tblVehicleEF	LDT1	0.26	0.33
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	6.7330e-003	8.8110e-003
tblVehicleEF	LDT2	1.00	1.19
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tblVehicleEF	LDT2	393.96	410.37
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tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.12	0.17
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tblVehicleEF	LDT2	3.8670e-003	3.3120e-003
tblVehicleEF	LDT2	2.0840e-003	1.9800e-003
tblVehicleEF	LDT2	3.5880e-003	3.0720e-003
tblVehicleEF	LDT2	0.08	0.09

tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.36	0.40
tblVehicleEF	LDT2	0.09	0.12
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tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.36	0.40
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.01	0.01
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tblVehicleEF	LDT2	3.8670e-003	3.3120e-003
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tblVehicleEF	LDT2	3.5880e-003	3.0720e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02

tblVehicleEF	LDT2	0.49	0.54
tblVehicleEF	LDT2	0.14	0.18
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tblVehicleEF	LDT2	1.0430e-003	1.0510e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.49	0.54
tblVehicleEF	LDT2	0.15	0.19
tblVehicleEF	LHD1	0.03	0.00
tblVehicleEF	LHD1	1.2910e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.05	1.38
tblVehicleEF	LHD1	2.92	3.28
tblVehicleEF	LHD1	7.52	7.52
tblVehicleEF	LHD1	801.15	801.15
tblVehicleEF	LHD1	44.77	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.61	0.75
tblVehicleEF	LHD1	1.26	1.35
tblVehicleEF	LHD1	3.5200e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7260e-003	8.7260e-003
tblVehicleEF	LHD1	7.8680e-003	9.2190e-003
tblVehicleEF	LHD1	7.5400e-004	9.3800e-004
tblVehicleEF	LHD1	3.2400e-004	3.2900e-004



tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.2480e-003	8.4930e-003
tblVehicleEF	LHD1	6.9900e-004	8.7000e-004
tblVehicleEF	LHD1	3.7220e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5660e-003	2.6220e-003
tblVehicleEF	LHD1	0.09	0.12
tblVehicleEF	LHD1	0.49	0.50
tblVehicleEF	LHD1	0.29	0.34
tblVehicleEF	LHD1	8.8600e-003	8.8660e-003
tblVehicleEF	LHD1	5.5100e-004	5.5500e-004
tblVehicleEF	LHD1	3.7220e-003	3.9420e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5660e-003	2.6220e-003
tblVehicleEF	LHD1	0.11	0.14
tblVehicleEF	LHD1	0.49	0.50
tblVehicleEF	LHD1	0.31	0.36
tblVehicleEF	LHD1	1.2910e-003	1.3330e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.19
tblVehicleEF	LHD1	1.01	1.32
tblVehicleEF	LHD1	5.16	5.82
tblVehicleEF	LHD1	7.52	7.52
tblVehicleEF	LHD1	801.15	801.15
tblVehicleEF	LHD1	44.77	44.40
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.03	0.03

tblVehicleEF	LHD1	0.67	0.83
tblVehicleEF	LHD1	1.41	1.51
tblVehicleEF	LHD1	3.5200e-004	3.5700e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	8.7260e-003	8.7280e-003
tblVehicleEF	LHD1	7.8680e-003	9.2190e-003
tblVehicleEF	LHD1	7.5400e-004	9.3800e-004
tblVehicleEF	LHD1	3.2400e-004	3.2900e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.2480e-003	8.4930e-003
tblVehicleEF	LHD1	6.9900e-004	8.7000e-004
tblVehicleEF	LHD1	1.1480e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.3600e-004	6.1400e-004
tblVehicleEF	LHD1	0.08	0.11
tblVehicleEF	LHD1	0.57	0.59
tblVehicleEF	LHD1	0.40	0.47
tblVehicleEF	LHD1	8.8590e-003	8.8650e-003
tblVehicleEF	LHD1	5.9000e-004	5.9900e-004
tblVehicleEF	LHD1	1.1480e-003	1.1490e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.3600e-004	6.1400e-004
tblVehicleEF	LHD1	0.10	0.14
tblVehicleEF	LHD1	0.57	0.59
tblVehicleEF	LHD1	0.43	0.51
tblVehicleEF	LHD2	3.2560e-003	0.00
tblVehicleEF	LHD2	9.8600e-004	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.88	1.17
tblVehicleEF	LHD2	1.84	2.22
tblVehicleEF	LHD2	8.43	8.43
tblVehicleEF	LHD2	677.32	677.82
tblVehicleEF	LHD2	29.36	29.05
tblVehicleEF	LHD2	3.2560e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.05	1.32
tblVehicleEF	LHD2	0.77	0.84
tblVehicleEF	LHD2	1.0460e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9520e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9800e-004	5.6400e-004
tblVehicleEF	LHD2	9.6200e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.4880e-003	2.4890e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7000e-004	5.2400e-004
tblVehicleEF	LHD2	2.2890e-003	2.7260e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5480e-003	1.7340e-003
tblVehicleEF	LHD2	0.09	0.12
tblVehicleEF	LHD2	0.29	0.35
tblVehicleEF	LHD2	0.16	0.21
tblVehicleEF	LHD2	7.4090e-003	7.4180e-003
tblVehicleEF	LHD2	3.6000e-004	3.6400e-004

tblVehicleEF	LHD2	2.2890e-003	2.7260e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5480e-003	1.7340e-003
tblVehicleEF	LHD2	0.11	0.14
tblVehicleEF	LHD2	0.29	0.35
tblVehicleEF	LHD2	0.17	0.22
tblVehicleEF	LHD2	9.8600e-004	1.0140e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.85	1.13
tblVehicleEF	LHD2	3.24	3.90
tblVehicleEF	LHD2	8.43	8.43
tblVehicleEF	LHD2	677.32	677.82
tblVehicleEF	LHD2	29.36	29.05
tblVehicleEF	LHD2	3.2560e-003	3.2760e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.12	1.41
tblVehicleEF	LHD2	0.86	0.94
tblVehicleEF	LHD2	1.0460e-003	1.0810e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9520e-003	9.9560e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9800e-004	5.6400e-004
tblVehicleEF	LHD2	9.6200e-004	9.9500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.4880e-003	2.4890e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7000e-004	5.2400e-004

tbIVehicleEF	LHD2	6.9800e-004	7.6500e-004
tbIVehicleEF	LHD2	0.05	0.06
tbIVehicleEF	LHD2	0.02	0.02
tbIVehicleEF	LHD2	3.8500e-004	3.9900e-004
tbIVehicleEF	LHD2	0.09	0.12
tbIVehicleEF	LHD2	0.35	0.41
tbIVehicleEF	LHD2	0.23	0.29
tbIVehicleEF	LHD2	7.4080e-003	7.4180e-003
tbIVehicleEF	LHD2	3.8400e-004	3.9300e-004
tbIVehicleEF	LHD2	6.9800e-004	7.6500e-004
tbIVehicleEF	LHD2	0.05	0.06
tbIVehicleEF	LHD2	0.02	0.02
tbIVehicleEF	LHD2	3.8500e-004	3.9900e-004
tbIVehicleEF	LHD2	0.11	0.14
tbIVehicleEF	LHD2	0.35	0.41
tbIVehicleEF	LHD2	0.24	0.31
tbIVehicleEF	MCY	0.01	0.00
tbIVehicleEF	MCY	18.28	18.87
tbIVehicleEF	MCY	8.88	8.85
tbIVehicleEF	MCY	145.51	144.23
tbIVehicleEF	MCY	37.50	38.45
tbIVehicleEF	MCY	0.01	0.01
tbIVehicleEF	MCY	1.03	1.04
tbIVehicleEF	MCY	0.29	0.29
tbIVehicleEF	MCY	2.7000e-004	3.3200e-004
tbIVehicleEF	MCY	8.1900e-004	1.0770e-003
tbIVehicleEF	MCY	2.3000e-004	2.7800e-004
tbIVehicleEF	MCY	6.9400e-004	8.8700e-004
tbIVehicleEF	MCY	1.43	1.44
tbIVehicleEF	MCY	0.45	0.47

tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	2.32	2.35
tblVehicleEF	MCY	1.10	1.20
tblVehicleEF	MCY	1.81	1.82
tblVehicleEF	MCY	1.9770e-003	1.9720e-003
tblVehicleEF	MCY	6.1300e-004	6.2300e-004
tblVehicleEF	MCY	1.43	1.44
tblVehicleEF	MCY	0.45	0.47
tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	2.56	2.58
tblVehicleEF	MCY	1.10	1.20
tblVehicleEF	MCY	1.94	1.96
tblVehicleEF	MCY	20.83	21.60
tblVehicleEF	MCY	12.85	12.69
tblVehicleEF	MCY	145.51	144.23
tblVehicleEF	MCY	37.50	38.45
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	1.25	1.26
tblVehicleEF	MCY	0.33	0.33
tblVehicleEF	MCY	2.7000e-004	3.3200e-004
tblVehicleEF	MCY	8.1900e-004	1.0770e-003
tblVehicleEF	MCY	2.3000e-004	2.7800e-004
tblVehicleEF	MCY	6.9400e-004	8.8700e-004
tblVehicleEF	MCY	0.22	0.22
tblVehicleEF	MCY	0.43	0.46
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.49	2.53
tblVehicleEF	MCY	1.56	1.69
tblVehicleEF	MCY	2.54	2.58
tblVehicleEF	MCY	2.0220e-003	2.0210e-003

tblVehicleEF	MCY	6.9800e-004	7.0800e-004
tblVehicleEF	MCY	0.22	0.22
tblVehicleEF	MCY	0.43	0.46
tblVehicleEF	MCY	0.11	0.11
tblVehicleEF	MCY	2.73	2.77
tblVehicleEF	MCY	1.56	1.69
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tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.76	2.13
tblVehicleEF	MDV	2.64	3.21
tblVehicleEF	MDV	530.26	549.77
tblVehicleEF	MDV	100.42	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.18	0.22
tblVehicleEF	MDV	0.28	0.34
tblVehicleEF	MDV	2.4550e-003	2.4990e-003
tblVehicleEF	MDV	3.7160e-003	3.4510e-003
tblVehicleEF	MDV	2.2770e-003	2.3130e-003
tblVehicleEF	MDV	3.4470e-003	3.1960e-003
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.04	0.06
tblVehicleEF	MDV	0.58	0.60
tblVehicleEF	MDV	0.23	0.29
tblVehicleEF	MDV	6.9110e-003	6.9080e-003
tblVehicleEF	MDV	1.3230e-003	1.3290e-003
tblVehicleEF	MDV	0.14	0.14

tblVehicleEF	MDV	0.21	0.22
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.58	0.60
tblVehicleEF	MDV	0.25	0.31
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.56	1.91
tblVehicleEF	MDV	4.53	5.49
tblVehicleEF	MDV	498.65	517.14
tblVehicleEF	MDV	100.42	103.84
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.22	0.27
tblVehicleEF	MDV	0.33	0.41
tblVehicleEF	MDV	2.4550e-003	2.4990e-003
tblVehicleEF	MDV	3.7160e-003	3.4510e-003
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tblVehicleEF	MDV	3.4470e-003	3.1960e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.21	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.78	0.80
tblVehicleEF	MDV	0.34	0.43
tblVehicleEF	MDV	6.4960e-003	6.4940e-003
tblVehicleEF	MDV	1.3560e-003	1.3690e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.21	0.22
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.06	0.08



tblVehicleEF	MDV	0.78	0.80
tblVehicleEF	MDV	0.36	0.45
tblVehicleEF	MH	4.9100e-004	0.00
tblVehicleEF	MH	1.31	2.77
tblVehicleEF	MH	4.33	5.59
tblVehicleEF	MH	666.44	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9100e-004	5.0000e-004
tblVehicleEF	MH	0.91	1.12
tblVehicleEF	MH	0.61	0.73
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.4750e-003	8.4760e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.1800e-004	9.1100e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	4.8000e-004	8.3100e-004
tblVehicleEF	MH	0.99	1.36
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.47	0.60
tblVehicleEF	MH	0.07	0.11
tblVehicleEF	MH	1.36	1.86
tblVehicleEF	MH	0.26	0.34
tblVehicleEF	MH	7.3500e-003	7.3760e-003
tblVehicleEF	MH	3.9400e-004	4.2000e-004
tblVehicleEF	MH	0.99	1.36
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.47	0.60
tblVehicleEF	MH	0.08	0.14
tblVehicleEF	MH	1.36	1.86

tblVehicleEF	MH	0.27	0.36
tblVehicleEF	MH	1.22	2.62
tblVehicleEF	MH	7.96	10.58
tblVehicleEF	MH	666.44	666.59
tblVehicleEF	MH	28.70	28.96
tblVehicleEF	MH	4.9100e-004	5.0000e-004
tblVehicleEF	MH	1.01	1.25
tblVehicleEF	MH	0.69	0.82
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.4750e-003	8.4760e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.1800e-004	9.1100e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	4.8000e-004	8.3100e-004
tblVehicleEF	MH	0.30	0.37
tblVehicleEF	MH	0.06	0.09
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.06	0.11
tblVehicleEF	MH	1.52	2.07
tblVehicleEF	MH	0.37	0.52
tblVehicleEF	MH	7.3490e-003	7.3730e-003
tblVehicleEF	MH	4.5500e-004	5.0400e-004
tblVehicleEF	MH	0.30	0.37
tblVehicleEF	MH	0.06	0.09
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.08	0.13
tblVehicleEF	MH	1.52	2.07
tblVehicleEF	MH	0.40	0.55
tblVehicleEF	MHD	0.03	0.00

tblVehicleEF	MHD	7.7250e-003	7.1860e-003
tblVehicleEF	MHD	4.5410e-003	5.2290e-003
tblVehicleEF	MHD	1.51	1.39
tblVehicleEF	MHD	0.55	0.73
tblVehicleEF	MHD	10.16	12.38
tblVehicleEF	MHD	606.62	605.99
tblVehicleEF	MHD	991.18	993.40
tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.46	4.78
tblVehicleEF	MHD	0.93	1.74
tblVehicleEF	MHD	1.40	1.68
tblVehicleEF	MHD	6.4590e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.4110e-003	1.8460e-003
tblVehicleEF	MHD	5.9420e-003	9.2440e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8600e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.3100e-003	1.7130e-003
tblVehicleEF	MHD	3.6170e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.17	0.15
tblVehicleEF	MHD	2.4030e-003	2.6690e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.44	0.47
tblVehicleEF	MHD	0.67	0.82
tblVehicleEF	MHD	6.4300e-003	6.4240e-003

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.2800e-004	7.6700e-004
tblVehicleEF	MHD	3.6170e-003	4.1970e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	2.4030e-003	2.6690e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.44	0.47
tblVehicleEF	MHD	0.71	0.88
tblVehicleEF	MHD	8.8490e-003	8.2320e-003
tblVehicleEF	MHD	4.5410e-003	5.2290e-003
tblVehicleEF	MHD	2.87	2.63
tblVehicleEF	MHD	0.54	0.71
tblVehicleEF	MHD	17.96	22.03
tblVehicleEF	MHD	525.62	525.08
tblVehicleEF	MHD	991.18	993.40
tblVehicleEF	MHD	49.32	49.32
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	3.20	4.43
tblVehicleEF	MHD	1.00	1.85
tblVehicleEF	MHD	1.57	1.88
tblVehicleEF	MHD	9.3220e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.4110e-003	1.8460e-003
tblVehicleEF	MHD	8.5770e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8600e-003	2.8550e-003
tblVehicleEF	MHD	0.03	0.04

tblVehicleEF	MHD	1.3100e-003	1.7130e-003
tblVehicleEF	MHD	9.6600e-004	1.0250e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	4.9600e-004	4.9200e-004
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.52	0.56
tblVehicleEF	MHD	0.94	1.16
tblVehicleEF	MHD	5.5720e-003	5.5660e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.5900e-004	9.2900e-004
tblVehicleEF	MHD	9.6600e-004	1.0250e-003
tblVehicleEF	MHD	0.09	0.10
tblVehicleEF	MHD	0.22	0.20
tblVehicleEF	MHD	4.9600e-004	4.9200e-004
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.52	0.56
tblVehicleEF	MHD	1.00	1.23
tblVehicleEF	OBUS	3.1700e-003	0.00
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.7230e-003	2.7600e-003
tblVehicleEF	OBUS	2.40	1.99
tblVehicleEF	OBUS	0.90	1.21
tblVehicleEF	OBUS	6.23	7.36
tblVehicleEF	OBUS	565.17	566.66
tblVehicleEF	OBUS	1,013.79	1,011.27
tblVehicleEF	OBUS	32.73	32.73
tblVehicleEF	OBUS	3.1700e-003	3.1290e-003
tblVehicleEF	OBUS	3.30	4.79
tblVehicleEF	OBUS	1.02	2.09

tblVehicleEF	OBUS	1.11	1.29
tblVehicleEF	OBUS	7.4120e-003	8.0480e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.2300e-004	5.3000e-004
tblVehicleEF	OBUS	6.8190e-003	7.4040e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5830e-003	2.5720e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	3.9300e-004	4.9100e-004
tblVehicleEF	OBUS	1.1870e-003	1.2390e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.44
tblVehicleEF	OBUS	7.2800e-004	7.4800e-004
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	0.43	0.50
tblVehicleEF	OBUS	5.9910e-003	6.0070e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.7400e-004	4.9400e-004
tblVehicleEF	OBUS	1.1870e-003	1.2390e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	7.2800e-004	7.4800e-004
tblVehicleEF	OBUS	0.14	0.17
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	0.45	0.54
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.7230e-003	2.7600e-003

tblVehicleEF	OBUS	4.55	3.78
tblVehicleEF	OBUS	0.87	1.17
tblVehicleEF	OBUS	11.03	13.14
tblVehicleEF	OBUS	489.71	491.00
tblVehicleEF	OBUS	1,013.79	1,011.27
tblVehicleEF	OBUS	32.73	32.73
tblVehicleEF	OBUS	3.1700e-003	3.1290e-003
tblVehicleEF	OBUS	3.06	4.44
tblVehicleEF	OBUS	1.10	2.25
tblVehicleEF	OBUS	1.25	1.45
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.2300e-004	5.3000e-004
tblVehicleEF	OBUS	9.8420e-003	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5830e-003	2.5720e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	3.9300e-004	4.9100e-004
tblVehicleEF	OBUS	4.4100e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	1.6100e-004	1.5600e-004
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	0.31	0.31
tblVehicleEF	OBUS	0.59	0.71
tblVehicleEF	OBUS	5.1910e-003	5.2050e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.5500e-004	5.9200e-004

tblVehicleEF	OBUS	4.4100e-004	4.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.69	0.57
tblVehicleEF	OBUS	1.6100e-004	1.5600e-004
tblVehicleEF	OBUS	0.14	0.16
tblVehicleEF	OBUS	0.31	0.31
tblVehicleEF	OBUS	0.63	0.76
tblVehicleEF	SBUS	5.1000e-004	0.00
tblVehicleEF	SBUS	4.4640e-003	4.1970e-003
tblVehicleEF	SBUS	5.2230e-003	4.8430e-003
tblVehicleEF	SBUS	0.84	0.76
tblVehicleEF	SBUS	1.38	1.46
tblVehicleEF	SBUS	14.41	15.64
tblVehicleEF	SBUS	586.94	579.49
tblVehicleEF	SBUS	981.76	988.14
tblVehicleEF	SBUS	115.30	115.30
tblVehicleEF	SBUS	5.1000e-004	5.2900e-004
tblVehicleEF	SBUS	7.49	7.82
tblVehicleEF	SBUS	5.44	5.87
tblVehicleEF	SBUS	1.82	1.90
tblVehicleEF	SBUS	9.9990e-003	0.01
tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.0990e-003	1.2320e-003
tblVehicleEF	SBUS	9.1990e-003	0.01
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6390e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.0200e-003	1.1430e-003



tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.15	0.14
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.18	0.18
tblVehicleEF	SBUS	0.96	0.91
tblVehicleEF	SBUS	1.07	1.15
tblVehicleEF	SBUS	6.2220e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5390e-003	1.5610e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.15	0.14
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.20	0.20
tblVehicleEF	SBUS	0.96	0.91
tblVehicleEF	SBUS	1.14	1.23
tblVehicleEF	SBUS	5.1130e-003	4.8080e-003
tblVehicleEF	SBUS	5.2230e-003	4.8430e-003
tblVehicleEF	SBUS	1.59	1.45
tblVehicleEF	SBUS	1.32	1.40
tblVehicleEF	SBUS	20.36	22.10
tblVehicleEF	SBUS	508.57	502.12
tblVehicleEF	SBUS	981.76	988.14
tblVehicleEF	SBUS	115.30	115.30
tblVehicleEF	SBUS	5.1000e-004	5.2900e-004
tblVehicleEF	SBUS	6.93	7.24
tblVehicleEF	SBUS	5.82	6.28
tblVehicleEF	SBUS	2.06	2.15
tblVehicleEF	SBUS	0.01	0.02

tblVehicleEF	SBUS	0.49	0.50
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.0990e-003	1.2320e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.21	0.21
tblVehicleEF	SBUS	2.6390e-003	2.6480e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.0200e-003	1.1430e-003
tblVehicleEF	SBUS	7.3880e-003	6.5920e-003
tblVehicleEF	SBUS	0.16	0.15
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	2.6530e-003	2.3080e-003
tblVehicleEF	SBUS	0.17	0.17
tblVehicleEF	SBUS	1.39	1.32
tblVehicleEF	SBUS	1.31	1.41
tblVehicleEF	SBUS	5.3910e-003	5.3230e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6400e-003	1.6700e-003
tblVehicleEF	SBUS	7.3880e-003	6.5920e-003
tblVehicleEF	SBUS	0.16	0.15
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	2.6530e-003	2.3080e-003
tblVehicleEF	SBUS	0.20	0.20
tblVehicleEF	SBUS	1.39	1.32
tblVehicleEF	SBUS	1.40	1.51
tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	3.81	3.84
tblVehicleEF	UBUS	3.45	3.47
tblVehicleEF	UBUS	2,103.85	2,108.15

tblVehicleEF	UBUS	8.39	8.39
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.42	9.58
tblVehicleEF	UBUS	0.31	0.30
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	4.5100e-004	4.5400e-004
tblVehicleEF	UBUS	0.15	0.15
tblVehicleEF	UBUS	4.1800e-004	4.2100e-004
tblVehicleEF	UBUS	3.5230e-003	3.5050e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6810e-003	1.6720e-003
tblVehicleEF	UBUS	0.77	0.76
tblVehicleEF	UBUS	0.50	0.45
tblVehicleEF	UBUS	0.25	0.24
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.5230e-003	3.5050e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6810e-003	1.6720e-003
tblVehicleEF	UBUS	0.84	0.84
tblVehicleEF	UBUS	0.50	0.45
tblVehicleEF	UBUS	0.26	0.26
tblVehicleEF	UBUS	3.69	3.72
tblVehicleEF	UBUS	6.12	6.15
tblVehicleEF	UBUS	2,103.85	2,108.15
tblVehicleEF	UBUS	8.39	8.39
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	10.02	10.19
tblVehicleEF	UBUS	0.35	0.34
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	4.5100e-004	4.5400e-004

tblVehicleEF	UBUS	0.15	0.15
tblVehicleEF	UBUS	4.1800e-004	4.2100e-004
tblVehicleEF	UBUS	8.9400e-004	8.8400e-004
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	2.5400e-004	2.4900e-004
tblVehicleEF	UBUS	0.73	0.73
tblVehicleEF	UBUS	0.67	0.60
tblVehicleEF	UBUS	0.37	0.36
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	8.9400e-004	8.8400e-004
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	2.5400e-004	2.4900e-004
tblVehicleEF	UBUS	0.80	0.80
tblVehicleEF	UBUS	0.67	0.60
tblVehicleEF	UBUS	0.40	0.39
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	1.07
tblVehicleTrips	CC_TL	7.30	9.90
tblVehicleTrips	CC_TL	7.30	1.27
tblVehicleTrips	CC_TL	7.30	2.77
tblVehicleTrips	CC_TL	7.30	1.22
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	1.07
tblVehicleTrips	CNW_TL	7.30	9.90
tblVehicleTrips	CNW_TL	7.30	1.27
tblVehicleTrips	CNW_TL	7.30	2.77
tblVehicleTrips	CNW_TL	7.30	1.22
tblVehicleTrips	CW_TL	9.50	0.00

tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	1.07
tblVehicleTrips	CW_TL	9.50	9.90
tblVehicleTrips	CW_TL	9.50	1.27
tblVehicleTrips	CW_TL	9.50	2.77
tblVehicleTrips	CW_TL	9.50	1.22
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	5.40	3.40
tblVehicleTrips	HS_TL	4.30	3.40
tblVehicleTrips	HW_TL	12.40	3.40
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	51.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00

tblVehicleTrips	ST_TR	7.16	1.80
tblVehicleTrips	ST_TR	1.59	2.93
tblVehicleTrips	ST_TR	696.00	82.97
tblVehicleTrips	ST_TR	2.37	3.15
tblVehicleTrips	ST_TR	158.37	28.06
tblVehicleTrips	ST_TR	1.49	0.67
tblVehicleTrips	ST_TR	42.04	19.78
tblVehicleTrips	SU_TR	6.07	1.80
tblVehicleTrips	SU_TR	1.59	2.93
tblVehicleTrips	SU_TR	500.00	82.97
tblVehicleTrips	SU_TR	0.98	3.15
tblVehicleTrips	SU_TR	131.84	28.06
tblVehicleTrips	SU_TR	0.62	0.67
tblVehicleTrips	SU_TR	20.43	19.78
tblVehicleTrips	WD_TR	6.59	1.80
tblVehicleTrips	WD_TR	1.59	2.93
tblVehicleTrips	WD_TR	716.00	82.97
tblVehicleTrips	WD_TR	11.01	3.15
tblVehicleTrips	WD_TR	127.15	28.06
tblVehicleTrips	WD_TR	3.82	0.67
tblVehicleTrips	WD_TR	44.32	19.78
tblWoodstoves	NumberCatalytic	2.66	0.00
tblWoodstoves	NumberNoncatalytic	2.66	0.00

## 2.0 Emissions Summary

### 2.1 Overall Construction

#### Unmitigated Construction



Category	tons/yr										MT/yr					
Area	0.5388	0.0456	3.9517	2.1000e-004		0.0222	0.0222		0.0222	0.0222	0.0000	11.5689	11.5689	6.3100e-003	9.0000e-005	11.7304
Energy	0.0242	0.2193	0.1794	1.3200e-003		0.0167	0.0167		0.0167	0.0167	0.0000	2,021.3088	2,021.3088	0.0852	0.0211	2,029.6260
Mobile	0.7010	0.3126	3.6512	0.0101	0.7138	9.5000e-003	0.7233	0.1898	8.8100e-003	0.1986	0.0000	622.7394	622.7394	0.0296	0.0000	623.3603
Waste						0.0000	0.0000		0.0000	0.0000	107.9547	0.0000	107.9547	6.3799	0.0000	241.9333
Water						0.0000	0.0000		0.0000	0.0000	13.9955	94.1179	108.1134	1.4417	0.0348	149.1845
<b>Total</b>	<b>1.2640</b>	<b>0.5775</b>	<b>7.7822</b>	<b>0.0116</b>	<b>0.7138</b>	<b>0.0485</b>	<b>0.7623</b>	<b>0.1898</b>	<b>0.0478</b>	<b>0.2376</b>	<b>121.9501</b>	<b>2,749.7350</b>	<b>2,871.6851</b>	<b>7.9427</b>	<b>0.0560</b>	<b>3,055.8345</b>

**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	0.1569	0.0456	3.9517	2.1000e-004		0.0222	0.0222		0.0222	0.0222	0.0000	11.5689	11.5689	6.3100e-003	9.0000e-005	11.7304
Energy	0.0242	0.2193	0.1794	1.3200e-003		0.0167	0.0167		0.0167	0.0167	0.0000	2,021.3088	2,021.3088	0.0852	0.0211	2,029.6260
Mobile	0.7010	0.3126	3.6512	0.0101	0.7138	9.5000e-003	0.7233	0.1898	8.8100e-003	0.1986	0.0000	622.7394	622.7394	0.0296	0.0000	623.3603
Waste						0.0000	0.0000		0.0000	0.0000	107.9547	0.0000	107.9547	6.3799	0.0000	241.9333
Water						0.0000	0.0000		0.0000	0.0000	13.9955	94.1179	108.1134	1.4415	0.0348	149.1621
<b>Total</b>	<b>0.8821</b>	<b>0.5775</b>	<b>7.7822</b>	<b>0.0116</b>	<b>0.7138</b>	<b>0.0485</b>	<b>0.7623</b>	<b>0.1898</b>	<b>0.0478</b>	<b>0.2376</b>	<b>121.9501</b>	<b>2,749.7350</b>	<b>2,871.6851</b>	<b>7.9424</b>	<b>0.0559</b>	<b>3,055.8121</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>30.22</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.09</b>	<b>0.00</b>



### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	AREA 1 - Infrastructure	Site Preparation	1/1/2016	1/14/2016	5	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
AREA 1 - Infrastructure	Rubber Tired Dozers	3	8.00	255	0.40

#### 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
AREA 1 - Infrastructure	3	18.00	0.00	620.00	20.40	16.00	20.00	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

### 3.2 AREA 1 - Infrastructure - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.0186	0.2081	0.1573	1.3000e-004		9.6800e-003	9.6800e-003		8.9100e-003	8.9100e-003	0.0000	12.5659	12.5659	3.7900e-003	0.0000	12.6455
<b>Total</b>	<b>0.0186</b>	<b>0.2081</b>	<b>0.1573</b>	<b>1.3000e-004</b>	<b>0.0903</b>	<b>9.6800e-003</b>	<b>0.1000</b>	<b>0.0497</b>	<b>8.9100e-003</b>	<b>0.0586</b>	<b>0.0000</b>	<b>12.5659</b>	<b>12.5659</b>	<b>3.7900e-003</b>	<b>0.0000</b>	<b>12.6455</b>

**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	9.0800e-003	0.0908	0.1318	2.2000e-004	5.1500e-003	1.0900e-003	6.2400e-003	1.4100e-003	1.0000e-003	2.4100e-003	0.0000	19.8619	19.8619	1.4000e-004	0.0000	19.8649
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	3.9000e-004	7.0000e-004	6.8900e-003	2.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.3262	1.3262	7.0000e-005	0.0000	1.3276
<b>Total</b>	<b>9.4700e-003</b>	<b>0.0915</b>	<b>0.1387</b>	<b>2.4000e-004</b>	<b>6.4900e-003</b>	<b>1.1000e-003</b>	<b>7.5900e-003</b>	<b>1.7700e-003</b>	<b>1.0100e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>21.1880</b>	<b>21.1880</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>21.1925</b>

**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					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0186	0.2081	0.1573	1.3000e-004		9.6800e-003	9.6800e-003		8.9100e-003	8.9100e-003	0.0000	12.5658	12.5658	3.7900e-003	0.0000	12.6454
<b>Total</b>	<b>0.0186</b>	<b>0.2081</b>	<b>0.1573</b>	<b>1.3000e-004</b>	<b>0.0407</b>	<b>9.6800e-003</b>	<b>0.0503</b>	<b>0.0223</b>	<b>8.9100e-003</b>	<b>0.0313</b>	<b>0.0000</b>	<b>12.5658</b>	<b>12.5658</b>	<b>3.7900e-003</b>	<b>0.0000</b>	<b>12.6454</b>

### 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	9.0800e-003	0.0908	0.1318	2.2000e-004	5.1500e-003	1.0900e-003	6.2400e-003	1.4100e-003	1.0000e-003	2.4100e-003	0.0000	19.8619	19.8619	1.4000e-004	0.0000	19.8649
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	3.9000e-004	7.0000e-004	6.8900e-003	2.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.3262	1.3262	7.0000e-005	0.0000	1.3276
<b>Total</b>	<b>9.4700e-003</b>	<b>0.0915</b>	<b>0.1387</b>	<b>2.4000e-004</b>	<b>6.4900e-003</b>	<b>1.1000e-003</b>	<b>7.5900e-003</b>	<b>1.7700e-003</b>	<b>1.0100e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>21.1880</b>	<b>21.1880</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>21.1925</b>

## 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	0.7010	0.3126	3.6512	0.0101	0.7138	9.5000e-003	0.7233	0.1898	8.8100e-003	0.1986	0.0000	622.7394	622.7394	0.0296	0.0000	623.3603
Unmitigated	0.7010	0.3126	3.6512	0.0101	0.7138	9.5000e-003	0.7233	0.1898	8.8100e-003	0.1986	0.0000	622.7394	622.7394	0.0296	0.0000	623.3603

## 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	957.60	957.60	957.60	1,185,126	1,185,126
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	509.44	509.44	509.44	198,415	198,415
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	401.82	401.82	401.82	185,753	185,753
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Strip Mall	865.77	865.77	865.77	384,471	384,471
Strip Mall	0.00	0.00	0.00		
<b>Total</b>	<b>2,734.63</b>	<b>2,734.63</b>	<b>2,734.63</b>	<b>1,953,765</b>	<b>1,953,765</b>

## 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	3.40	3.40	3.40	26.10	29.10	44.80	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
City Park	0.00	0.00	0.00	33.00	48.00	19.00	100	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive	1.07	1.07	1.07	1.50	79.50	19.00	100	0	0
General Office Building	9.90	9.90	9.90	33.00	48.00	19.00	100	0	0
High Turnover (Sit Down)	1.27	1.27	1.27	8.50	72.50	19.00	100	0	0
High Turnover (Sit Down)	1.27	1.27	1.27	8.50	72.50	19.00	100	0	0
Manufacturing	2.77	2.77	2.77	59.00	28.00	13.00	100	0	0
Strip Mall	1.22	1.22	1.22	16.60	64.40	19.00	100	0	0
Strip Mall	1.22	1.22	1.22	16.60	64.40	19.00	100	0	0



City Park	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	0.0000	0.0000
Enclosed Parking with Elevator	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	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	1.70986e+006	9.2200e-003	0.0838	0.0704	5.0000e-004	6.3700e-003	6.3700e-003	6.3700e-003	6.3700e-003	6.3700e-003	0.0000	91.2445	91.2445	1.7500e-003	1.6700e-003	91.7998	
General Office Building	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	0.0000	0.0000
High Turnover (Sit Down Restaurant)	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	0.0000	0.0000
High Turnover (Sit Down Restaurant)	2.21328e+006	0.0119	0.1085	0.0911	6.5000e-004	8.2500e-003	8.2500e-003	8.2500e-003	8.2500e-003	8.2500e-003	0.0000	118.1089	118.1089	2.2600e-003	2.1700e-003	118.8277	
Manufacturing	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	0.0000	0.0000
Strip Mall	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	0.0000	0.0000
Strip Mall	311169	1.6800e-003	0.0153	0.0128	9.0000e-005	1.1600e-003	1.1600e-003	1.1600e-003	1.1600e-003	1.1600e-003	0.0000	16.6052	16.6052	3.2000e-004	3.0000e-004	16.7062	
Apartments High Rise	255360	1.3800e-003	0.0118	5.0100e-003	8.0000e-005	9.5000e-004	9.5000e-004	9.5000e-004	9.5000e-004	9.5000e-004	0.0000	13.6270	13.6270	2.6000e-004	2.5000e-004	13.7099	
<b>Total</b>		<b>0.0242</b>	<b>0.2193</b>	<b>0.1794</b>	<b>1.3200e-003</b>	<b>0.0167</b>	<b>0.0167</b>	<b>0.0167</b>	<b>0.0167</b>	<b>0.0167</b>	<b>0.0000</b>	<b>239.5855</b>	<b>239.5855</b>	<b>4.5900e-003</b>	<b>4.3900e-003</b>	<b>241.0436</b>	

**Mitigated**

	Natural Gas 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					
City Park	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	0.0000	0.0000
Enclosed Parking with Elevator	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	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	1.70986e+006	9.2200e-003	0.0838	0.0704	5.0000e-004	6.3700e-003	6.3700e-003	6.3700e-003	6.3700e-003	6.3700e-003	6.3700e-003	0.0000	91.2445	91.2445	1.7500e-003	1.6700e-003	91.7998
General Office Building	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	0.0000	0.0000
High Turnover (Sit Down Restaurant)	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	0.0000	0.0000
High Turnover (Sit Down Restaurant)	2.21328e+006	0.0119	0.1085	0.0911	6.5000e-004	8.2500e-003	8.2500e-003	8.2500e-003	8.2500e-003	8.2500e-003	8.2500e-003	0.0000	118.1089	118.1089	2.2600e-003	2.1700e-003	118.8277

Manufacturing	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	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	311169	1.6800e-003	0.0153	0.0128	9.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	16.6052	16.6052	3.2000e-004	3.0000e-004	16.7062
Apartments High Rise	255360	1.3800e-003	0.0118	5.0100e-003	8.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	13.6270	13.6270	2.6000e-004	2.5000e-004	13.7099
<b>Total</b>		<b>0.0242</b>	<b>0.2193</b>	<b>0.1794</b>	<b>1.3200e-003</b>		<b>0.0167</b>	<b>0.0167</b>		<b>0.0167</b>	<b>0.0167</b>	<b>0.0000</b>	<b>239.5855</b>	<b>239.5855</b>	<b>4.5900e-003</b>	<b>4.3900e-003</b>	<b>241.0436</b>

### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.89258e+006	1,423.3062	0.0644	0.0133	1,428.7855
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	296062	86.1278	3.8900e-003	8.1000e-004	86.4594
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	502275	146.1177	6.6100e-003	1.3700e-003	146.6802
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	433711	126.1716	5.7100e-003	1.1800e-003	126.6573
<b>Total</b>		<b>1,781.7233</b>	<b>0.0806</b>	<b>0.0167</b>	<b>1,788.5824</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.89258e+006	1,423.3062	0.0644	0.0133	1,428.7855
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	296062	86.1278	3.8900e-003	8.1000e-004	86.4594
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	502275	146.1177	6.6100e-003	1.3700e-003	146.6802
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	433711	126.1716	5.7100e-003	1.1800e-003	126.6573
<b>Total</b>		<b>1,781.7233</b>	<b>0.0806</b>	<b>0.0167</b>	<b>1,788.5824</b>

**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	0.1569	0.0456	3.9517	2.1000e-004		0.0222	0.0222		0.0222	0.0222	0.0000	11.5689	11.5689	6.3100e-003	9.0000e-005	11.7304
Unmitigated	0.5388	0.0456	3.9517	2.1000e-004		0.0222	0.0222		0.0222	0.0222	0.0000	11.5689	11.5689	6.3100e-003	9.0000e-005	11.7304

## 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	0.4192					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	5.2000e-004	0.0000	3.0000e-005	0.0000		3.6000e-004	3.6000e-004		3.5000e-004	3.5000e-004	0.0000	5.1152	5.1152	1.0000e-004	9.0000e-005	5.1464
Landscaping	0.1191	0.0456	3.9516	2.1000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	6.4537	6.4537	6.2100e-003	0.0000	6.5840
<b>Total</b>	<b>0.5388</b>	<b>0.0456</b>	<b>3.9517</b>	<b>2.1000e-004</b>		<b>0.0222</b>	<b>0.0222</b>		<b>0.0222</b>	<b>0.0222</b>	<b>0.0000</b>	<b>11.5689</b>	<b>11.5689</b>	<b>6.3100e-003</b>	<b>9.0000e-005</b>	<b>11.7304</b>

### 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	0.0373					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	5.2000e-004	0.0000	3.0000e-005	0.0000		3.6000e-004	3.6000e-004		3.5000e-004	3.5000e-004	0.0000	5.1152	5.1152	1.0000e-004	9.0000e-005	5.1464
Landscaping	0.1191	0.0456	3.9516	2.1000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	6.4537	6.4537	6.2100e-003	0.0000	6.5840
<b>Total</b>	<b>0.1569</b>	<b>0.0456</b>	<b>3.9517</b>	<b>2.1000e-004</b>		<b>0.0222</b>	<b>0.0222</b>		<b>0.0222</b>	<b>0.0222</b>	<b>0.0000</b>	<b>11.5689</b>	<b>11.5689</b>	<b>6.3100e-003</b>	<b>9.0000e-005</b>	<b>11.7304</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	108.1134	1.4415	0.0348	149.1621
Unmitigated	108.1134	1.4417	0.0348	149.1845

### 7.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	34.6619 / 21.8521	87.8083	1.1329	0.0274	120.0901
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000

Fast Food Restaurant w/o Drive Thru	1.8637 / 0.118959	3.6461	0.0609	1.4600e-003	5.3777
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.3466 / 0.277443	8.5036	0.1420	3.4100e-003	12.5420
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.24215 / 1.98713	8.1554	0.1060	2.5600e-003	11.1747
<b>Total</b>		<b>108.1134</b>	<b>1.4417</b>	<b>0.0348</b>	<b>149.1845</b>

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	34.6619 / 21.8521	87.8083	1.1327	0.0273	120.0726
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	1.8637 / 0.118959	3.6461	0.0609	1.4600e-003	5.3767
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.3466 / 0.277443	8.5036	0.1419	3.4100e-003	12.5398
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.24215 / 1.98713	8.1554	0.1060	2.5600e-003	11.1731
<b>Total</b>		<b>108.1134</b>	<b>1.4415</b>	<b>0.0348</b>	<b>149.1621</b>

**8.0 Waste Detail**

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## 8.1 Mitigation Measures Waste

### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Unmitigated	107.9547	6.3799	0.0000	241.9333
Mitigated	107.9547	6.3799	0.0000	241.9333

## 8.2 Waste by Land Use

### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	244.72	49.6760	2.9358	0.0000	111.3270
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	70.73	14.3576	0.8485	0.0000	32.1762
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	170.41	34.5917	2.0443	0.0000	77.5222
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	45.96	9.3295	0.5514	0.0000	20.9079

<b>Total</b>		<b>107.9547</b>	<b>6.3799</b>	<b>0.0000</b>	<b>241.9333</b>
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**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	244.72	49.6760	2.9358	0.0000	111.3270
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	70.73	14.3576	0.8485	0.0000	32.1762
General Office Building	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	170.41	34.5917	2.0443	0.0000	77.5222
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Strip Mail	45.96	9.3295	0.5514	0.0000	20.9079
<b>Total</b>		<b>107.9547</b>	<b>6.3799</b>	<b>0.0000</b>	<b>241.9333</b>

**9.0 Operational Offroad**

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



Part 3  
**AERMOD Model Outputs**

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## 1. Construction

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**List of Sources included in the Mission Rock Construction Scenario**

***On-Site***

Source ID	Source Group	Source Type	Description
EXH_AREA1	1	AreaPoly	Exhaust Emissions in Area 1
EXH_AREA2	2	AreaPoly	Exhaust Emissions in Area 2
EXH_AREA3	3	AreaPoly	Exhaust Emissions in Area 3
EXH_AREA4	4	AreaPoly	Exhaust Emissions in Area 4
EXH_PIER48	5	AreaPoly	Exhaust Emissions at Pier 48
FUG_AREA1	6	AreaPoly	Fugitive Emissions in Area 1
FUG_AREA2	7	AreaPoly	Fugitive Emissions in Area 2
FUG_AREA3	8	AreaPoly	Fugitive Emissions in Area 3
FUG_AREA4	9	AreaPoly	Fugitive Emissions in Area 4
FUG_PIER48	10	AreaPoly	Fugitive Emissions at Pier 48
BARGE	11	Volume	Barge emissions

***Offsite***

Source ID	Source Group	Source Type	Description
N_RD_EX1	12	Line Volume	Exhaust emissions on Northern Haul Route: 3rd St. to Brannan
S_RD_EX1	12	Line Volume	Exhaust emissions on Southern Haul Route: 3rd St. to Mariposa
N_RD_EX2	12	Line Volume	Exhaust emissions on Northern Haul Route: additional segment on 3rd St.
S_RD_EX2	12	Line Volume	Exhaust emissions on Southern Haul Route: additional segment on 3rd St.
Total			
N_RD_FG1	13	Line Volume	Fugitive emissions on Northern Haul Route: 3rd St. to Brannan
S_RD_FG1	13	Line Volume	Fugitive emissions on Southern Haul Route: 3rd St. to Mariposa
N_RD_FG2	13	Line Volume	Fugitive emissions on Northern Haul Route: additional segment on 3rd St.
S_RD_FG2	13	Line Volume	Fugitive emissions on Southern Haul Route: additional segment on 3rd St.

**Annual Average Concentraion at Each Receptor Location: Mission Rock Construction Scenario - Source Group**  
**- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata**  
**- Emissions during daytime only (7am - 5pm)**  
**- New set of receptors (CRRP)**

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	5.49E-01	1.8	SRCGP1	OFF_SITE
553440.00	4180540.00	5.93E-01	1.8	SRCGP1	OFF_SITE
553440.00	4180560.00	6.41E-01	1.8	SRCGP1	OFF_SITE
553440.00	4180580.00	6.92E-01	1.8	SRCGP1	OFF_SITE
553440.00	4180600.00	7.47E-01	1.8	SRCGP1	OFF_SITE
553440.00	4180620.00	8.04E-01	1.8	SRCGP1	OFF_SITE
553440.00	4180640.00	8.62E-01	1.8	SRCGP1	OFF_SITE
553440.00	4180660.00	9.21E-01	1.8	SRCGP1	OFF_SITE
553440.00	4180720.00	1.08E+00	1.8	SRCGP1	OFF_SITE
553440.00	4180740.00	1.13E+00	1.8	SRCGP1	OFF_SITE
553440.00	4180760.00	1.17E+00	1.8	SRCGP1	OFF_SITE
553440.00	4180780.00	1.20E+00	1.8	SRCGP1	OFF_SITE
553440.00	4180800.00	1.23E+00	1.8	SRCGP1	OFF_SITE
553440.00	4180840.00	1.27E+00	1.8	SRCGP1	OFF_SITE
553440.00	4180860.00	1.27E+00	1.8	SRCGP1	OFF_SITE
553440.00	4180880.00	1.27E+00	1.8	SRCGP1	OFF_SITE
553440.00	4180900.00	1.27E+00	1.8	SRCGP1	OFF_SITE
553440.00	4181020.00	1.09E+00	1.8	SRCGP1	OFF_SITE
553440.00	4181040.00	1.04E+00	1.8	SRCGP1	OFF_SITE
553440.00	4181060.00	9.87E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181080.00	9.34E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181160.00	7.28E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181180.00	6.81E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181200.00	6.37E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181220.00	5.96E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181240.00	5.57E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181260.00	5.22E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181300.00	4.58E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181320.00	4.29E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181340.00	4.03E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181360.00	3.78E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181380.00	3.56E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181400.00	3.35E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181420.00	3.15E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181440.00	2.97E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181460.00	2.80E-01	1.8	SRCGP1	OFF_SITE
553440.00	4181480.00	2.65E-01	1.8	SRCGP1	OFF_SITE
553460.00	4180520.00	5.61E-01	1.8	SRCGP1	OFF_SITE
553460.00	4180540.00	6.08E-01	1.8	SRCGP1	OFF_SITE
553460.00	4180560.00	6.60E-01	1.8	SRCGP1	OFF_SITE

553460.00	4180580.00	7.16E-01	1.8	SRCGP1	OFF_SITE
553460.00	4180600.00	7.77E-01	1.8	SRCGP1	OFF_SITE
553460.00	4180620.00	8.41E-01	1.8	SRCGP1	OFF_SITE
553460.00	4180640.00	9.07E-01	1.8	SRCGP1	OFF_SITE
553460.00	4180660.00	9.75E-01	1.8	SRCGP1	OFF_SITE
553460.00	4180700.00	1.11E+00	1.8	SRCGP1	OFF_SITE
553460.00	4180740.00	1.22E+00	1.8	SRCGP1	OFF_SITE
553460.00	4180760.00	1.27E+00	1.8	SRCGP1	OFF_SITE
553460.00	4180780.00	1.32E+00	1.8	SRCGP1	OFF_SITE
553460.00	4180800.00	1.35E+00	1.8	SRCGP1	OFF_SITE
553460.00	4180820.00	1.38E+00	1.8	SRCGP1	OFF_SITE
553460.00	4180860.00	1.41E+00	1.8	SRCGP1	OFF_SITE
553460.00	4180880.00	1.41E+00	1.8	SRCGP1	OFF_SITE
553460.00	4180900.00	1.41E+00	1.8	SRCGP1	OFF_SITE
553460.00	4180920.00	1.39E+00	1.8	SRCGP1	OFF_SITE
553460.00	4181040.00	1.16E+00	1.8	SRCGP1	OFF_SITE
553460.00	4181060.00	1.10E+00	1.8	SRCGP1	OFF_SITE
553460.00	4181120.00	9.12E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181140.00	8.52E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181180.00	7.39E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181200.00	6.88E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181220.00	6.40E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181240.00	5.96E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181260.00	5.55E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181280.00	5.17E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181320.00	4.51E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181340.00	4.21E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181360.00	3.94E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181380.00	3.69E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181400.00	3.46E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181420.00	3.25E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181440.00	3.05E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181460.00	2.87E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181500.00	2.55E-01	1.8	SRCGP1	OFF_SITE
553460.00	4181520.00	2.41E-01	1.8	SRCGP1	OFF_SITE
553480.00	4180520.00	5.72E-01	1.8	SRCGP1	OFF_SITE
553480.00	4180540.00	6.22E-01	1.8	SRCGP1	OFF_SITE
553480.00	4180560.00	6.78E-01	1.8	SRCGP1	OFF_SITE
553480.00	4180580.00	7.39E-01	1.8	SRCGP1	OFF_SITE
553480.00	4180600.00	8.06E-01	1.8	SRCGP1	OFF_SITE
553480.00	4180620.00	8.78E-01	1.8	SRCGP1	OFF_SITE
553480.00	4180640.00	9.54E-01	1.8	SRCGP1	OFF_SITE
553480.00	4180660.00	1.03E+00	1.8	SRCGP1	OFF_SITE
553480.00	4180700.00	1.19E+00	1.8	SRCGP1	OFF_SITE
553480.00	4180720.00	1.26E+00	1.8	SRCGP1	OFF_SITE
553480.00	4180760.00	1.39E+00	1.8	SRCGP1	OFF_SITE
553480.00	4180780.00	1.44E+00	1.8	SRCGP1	OFF_SITE

553480.00	4180800.00	1.49E+00	1.8	SRCGP1	OFF_SITE
553480.00	4180820.00	1.52E+00	1.8	SRCGP1	OFF_SITE
553480.00	4180840.00	1.55E+00	1.8	SRCGP1	OFF_SITE
553480.00	4180880.00	1.57E+00	1.8	SRCGP1	OFF_SITE
553480.00	4180900.00	1.57E+00	1.8	SRCGP1	OFF_SITE
553480.00	4180920.00	1.56E+00	1.8	SRCGP1	OFF_SITE
553480.00	4180940.00	1.54E+00	1.8	SRCGP1	OFF_SITE
553480.00	4180960.00	1.51E+00	1.8	SRCGP1	OFF_SITE
553480.00	4181040.00	1.30E+00	1.8	SRCGP1	OFF_SITE
553480.00	4181080.00	1.16E+00	1.8	SRCGP1	OFF_SITE
553480.00	4181100.00	1.08E+00	1.8	SRCGP1	OFF_SITE
553480.00	4181120.00	1.01E+00	1.8	SRCGP1	OFF_SITE
553480.00	4181140.00	9.39E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181160.00	8.70E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181200.00	7.45E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181220.00	6.89E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181240.00	6.38E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181260.00	5.91E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181280.00	5.48E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181300.00	5.09E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181340.00	4.40E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181360.00	4.10E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181380.00	3.83E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181400.00	3.58E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181420.00	3.35E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181440.00	3.14E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181480.00	2.76E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181500.00	2.60E-01	1.8	SRCGP1	OFF_SITE
553480.00	4181520.00	2.45E-01	1.8	SRCGP1	OFF_SITE
553500.00	4180520.00	5.82E-01	1.8	SRCGP1	OFF_SITE
553500.00	4180540.00	6.36E-01	1.8	SRCGP1	OFF_SITE
553500.00	4180560.00	6.95E-01	1.8	SRCGP1	OFF_SITE
553500.00	4180580.00	7.62E-01	1.8	SRCGP1	OFF_SITE
553500.00	4180600.00	8.35E-01	1.8	SRCGP1	OFF_SITE
553500.00	4180620.00	9.15E-01	1.8	SRCGP1	OFF_SITE
553500.00	4180640.00	1.00E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180660.00	1.09E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180700.00	1.28E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180720.00	1.37E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180740.00	1.45E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180780.00	1.59E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180800.00	1.65E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180820.00	1.69E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180840.00	1.73E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180860.00	1.75E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180900.00	1.76E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180920.00	1.75E+00	1.8	SRCGP1	OFF_SITE

553500.00	4180940.00	1.73E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180960.00	1.70E+00	1.8	SRCGP1	OFF_SITE
553500.00	4180980.00	1.66E+00	1.8	SRCGP1	OFF_SITE
553500.00	4181000.00	1.61E+00	1.8	SRCGP1	OFF_SITE
553500.00	4181060.00	1.39E+00	1.8	SRCGP1	OFF_SITE
553500.00	4181080.00	1.30E+00	1.8	SRCGP1	OFF_SITE
553500.00	4181100.00	1.21E+00	1.8	SRCGP1	OFF_SITE
553500.00	4181120.00	1.13E+00	1.8	SRCGP1	OFF_SITE
553500.00	4181140.00	1.04E+00	1.8	SRCGP1	OFF_SITE
553500.00	4181160.00	9.58E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181180.00	8.81E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181220.00	7.44E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181240.00	6.84E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181260.00	6.30E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181280.00	5.81E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181300.00	5.36E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181320.00	4.96E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181360.00	4.27E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181380.00	3.96E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181400.00	3.69E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181420.00	3.44E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181460.00	3.01E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181480.00	2.82E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181500.00	2.64E-01	1.8	SRCGP1	OFF_SITE
553500.00	4181520.00	2.48E-01	1.8	SRCGP1	OFF_SITE
553520.00	4180520.00	5.91E-01	1.8	SRCGP1	OFF_SITE
553520.00	4180540.00	6.48E-01	1.8	SRCGP1	OFF_SITE
553520.00	4180560.00	7.12E-01	1.8	SRCGP1	OFF_SITE
553520.00	4180580.00	7.83E-01	1.8	SRCGP1	OFF_SITE
553520.00	4180600.00	8.64E-01	1.8	SRCGP1	OFF_SITE
553520.00	4180620.00	9.52E-01	1.8	SRCGP1	OFF_SITE
553520.00	4180640.00	1.05E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180660.00	1.15E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180700.00	1.37E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180720.00	1.48E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180740.00	1.59E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180760.00	1.68E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180800.00	1.84E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180820.00	1.90E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180840.00	1.94E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180860.00	1.97E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180880.00	1.99E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180920.00	1.99E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180940.00	1.97E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180960.00	1.93E+00	1.8	SRCGP1	OFF_SITE
553520.00	4180980.00	1.89E+00	1.8	SRCGP1	OFF_SITE
553520.00	4181000.00	1.83E+00	1.8	SRCGP1	OFF_SITE

553520.00	4181080.00	1.48E+00	1.8	SRCGP1	OFF_SITE
553520.00	4181100.00	1.37E+00	1.8	SRCGP1	OFF_SITE
553520.00	4181120.00	1.26E+00	1.8	SRCGP1	OFF_SITE
553520.00	4181140.00	1.16E+00	1.8	SRCGP1	OFF_SITE
553520.00	4181160.00	1.06E+00	1.8	SRCGP1	OFF_SITE
553520.00	4181180.00	9.68E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181200.00	8.82E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181240.00	7.35E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181260.00	6.72E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181280.00	6.16E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181300.00	5.65E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181320.00	5.20E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181340.00	4.79E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181380.00	4.10E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181400.00	3.80E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181440.00	3.29E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181460.00	3.07E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181480.00	2.86E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181500.00	2.68E-01	1.8	SRCGP1	OFF_SITE
553520.00	4181520.00	2.51E-01	1.8	SRCGP1	OFF_SITE
553540.00	4180520.00	5.98E-01	1.8	SRCGP1	OFF_SITE
553540.00	4180540.00	6.58E-01	1.8	SRCGP1	OFF_SITE
553540.00	4180560.00	7.26E-01	1.8	SRCGP1	OFF_SITE
553540.00	4180580.00	8.03E-01	1.8	SRCGP1	OFF_SITE
553540.00	4180600.00	8.90E-01	1.8	SRCGP1	OFF_SITE
553540.00	4180620.00	9.89E-01	1.8	SRCGP1	OFF_SITE
553540.00	4180640.00	1.10E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180660.00	1.22E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180700.00	1.48E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180720.00	1.61E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180740.00	1.74E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180760.00	1.86E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180780.00	1.97E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180820.00	2.13E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180840.00	2.19E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180860.00	2.23E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180880.00	2.26E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180900.00	2.27E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180940.00	2.25E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180960.00	2.21E+00	1.8	SRCGP1	OFF_SITE
553540.00	4180980.00	2.17E+00	1.8	SRCGP1	OFF_SITE
553540.00	4181100.00	1.56E+00	1.8	SRCGP1	OFF_SITE
553540.00	4181120.00	1.43E+00	1.8	SRCGP1	OFF_SITE
553540.00	4181140.00	1.30E+00	1.8	SRCGP1	OFF_SITE
553540.00	4181160.00	1.18E+00	1.8	SRCGP1	OFF_SITE
553540.00	4181180.00	1.07E+00	1.8	SRCGP1	OFF_SITE
553540.00	4181200.00	9.66E-01	1.8	SRCGP1	OFF_SITE



553540.00	4181220.00	8.73E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181260.00	7.18E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181280.00	6.53E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181300.00	5.95E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181320.00	5.44E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181340.00	4.99E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181360.00	4.59E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181420.00	3.61E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181440.00	3.35E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181460.00	3.12E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181480.00	2.91E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181500.00	2.71E-01	1.8	SRCGP1	OFF_SITE
553540.00	4181520.00	2.54E-01	1.8	SRCGP1	OFF_SITE
553560.00	4180520.00	6.04E-01	1.8	SRCGP1	OFF_SITE
553560.00	4180540.00	6.67E-01	1.8	SRCGP1	OFF_SITE
553560.00	4180560.00	7.38E-01	1.8	SRCGP1	OFF_SITE
553560.00	4180580.00	8.21E-01	1.8	SRCGP1	OFF_SITE
553560.00	4180600.00	9.15E-01	1.8	SRCGP1	OFF_SITE
553560.00	4180620.00	1.02E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180640.00	1.14E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180660.00	1.28E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180700.00	1.59E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180720.00	1.75E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180740.00	1.91E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180760.00	2.07E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180780.00	2.20E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180800.00	2.32E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180840.00	2.50E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180860.00	2.55E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180880.00	2.59E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180900.00	2.60E+00	1.8	SRCGP1	OFF_SITE
553560.00	4180920.00	2.60E+00	1.8	SRCGP1	OFF_SITE
553560.00	4181000.00	2.43E+00	1.8	SRCGP1	OFF_SITE
553560.00	4181020.00	2.34E+00	1.8	SRCGP1	OFF_SITE
553560.00	4181120.00	1.64E+00	1.8	SRCGP1	OFF_SITE
553560.00	4181140.00	1.48E+00	1.8	SRCGP1	OFF_SITE
553560.00	4181160.00	1.33E+00	1.8	SRCGP1	OFF_SITE
553560.00	4181180.00	1.19E+00	1.8	SRCGP1	OFF_SITE
553560.00	4181200.00	1.06E+00	1.8	SRCGP1	OFF_SITE
553560.00	4181220.00	9.50E-01	1.8	SRCGP1	OFF_SITE
553560.00	4181240.00	8.52E-01	1.8	SRCGP1	OFF_SITE
553560.00	4181280.00	6.91E-01	1.8	SRCGP1	OFF_SITE
553560.00	4181300.00	6.26E-01	1.8	SRCGP1	OFF_SITE
553560.00	4181320.00	5.69E-01	1.8	SRCGP1	OFF_SITE
553560.00	4181340.00	5.19E-01	1.8	SRCGP1	OFF_SITE
553560.00	4181420.00	3.69E-01	1.8	SRCGP1	OFF_SITE
553560.00	4181440.00	3.41E-01	1.8	SRCGP1	OFF_SITE

553560.00	4181460.00	3.16E-01	1.8	SRCGP1	OFF_SITE
553560.00	4181480.00	2.94E-01	1.8	SRCGP1	OFF_SITE
553560.00	4181500.00	2.74E-01	1.8	SRCGP1	OFF_SITE
553560.00	4181520.00	2.56E-01	1.8	SRCGP1	OFF_SITE
553580.00	4180520.00	6.08E-01	1.8	SRCGP1	OFF_SITE
553580.00	4180540.00	6.73E-01	1.8	SRCGP1	OFF_SITE
553580.00	4180560.00	7.48E-01	1.8	SRCGP1	OFF_SITE
553580.00	4180580.00	8.36E-01	1.8	SRCGP1	OFF_SITE
553580.00	4180600.00	9.37E-01	1.8	SRCGP1	OFF_SITE
553580.00	4180620.00	1.05E+00	1.8	SRCGP1	OFF_SITE
553580.00	4180640.00	1.19E+00	1.8	SRCGP1	OFF_SITE
553580.00	4180660.00	1.34E+00	1.8	SRCGP1	OFF_SITE
553580.00	4180700.00	1.71E+00	1.8	SRCGP1	OFF_SITE
553580.00	4180720.00	1.91E+00	1.8	SRCGP1	OFF_SITE
553580.00	4180740.00	2.11E+00	1.8	SRCGP1	OFF_SITE
553580.00	4180760.00	2.31E+00	1.8	SRCGP1	OFF_SITE
553580.00	4180780.00	2.49E+00	1.8	SRCGP1	OFF_SITE
553580.00	4180800.00	2.64E+00	1.8	SRCGP1	OFF_SITE
553580.00	4180820.00	2.77E+00	1.8	SRCGP1	OFF_SITE
553580.00	4181000.00	2.85E+00	1.8	SRCGP1	OFF_SITE
553580.00	4181020.00	2.75E+00	1.8	SRCGP1	OFF_SITE
553580.00	4181040.00	2.62E+00	1.8	SRCGP1	OFF_SITE
553580.00	4181140.00	1.70E+00	1.8	SRCGP1	OFF_SITE
553580.00	4181160.00	1.50E+00	1.8	SRCGP1	OFF_SITE
553580.00	4181180.00	1.33E+00	1.8	SRCGP1	OFF_SITE
553580.00	4181200.00	1.17E+00	1.8	SRCGP1	OFF_SITE
553580.00	4181220.00	1.04E+00	1.8	SRCGP1	OFF_SITE
553580.00	4181240.00	9.19E-01	1.8	SRCGP1	OFF_SITE
553580.00	4181260.00	8.18E-01	1.8	SRCGP1	OFF_SITE
553580.00	4181300.00	6.57E-01	1.8	SRCGP1	OFF_SITE
553580.00	4181320.00	5.93E-01	1.8	SRCGP1	OFF_SITE
553580.00	4181440.00	3.46E-01	1.8	SRCGP1	OFF_SITE
553580.00	4181460.00	3.20E-01	1.8	SRCGP1	OFF_SITE
553580.00	4181480.00	2.96E-01	1.8	SRCGP1	OFF_SITE
553580.00	4181500.00	2.75E-01	1.8	SRCGP1	OFF_SITE
553580.00	4181520.00	2.57E-01	1.8	SRCGP1	OFF_SITE
553600.00	4180800.00	3.04E+00	1.8	SRCGP1	OFF_SITE
553600.00	4180820.00	3.21E+00	1.8	SRCGP1	OFF_SITE
553600.00	4180840.00	3.34E+00	1.8	SRCGP1	OFF_SITE
553600.00	4180860.00	3.44E+00	1.8	SRCGP1	OFF_SITE
553600.00	4180900.00	3.54E+00	1.8	SRCGP1	OFF_SITE
553600.00	4180920.00	3.55E+00	1.8	SRCGP1	OFF_SITE
553600.00	4180940.00	3.54E+00	1.8	SRCGP1	OFF_SITE
553600.00	4181000.00	3.37E+00	1.8	SRCGP1	OFF_SITE
553600.00	4181020.00	3.26E+00	1.8	SRCGP1	OFF_SITE
553600.00	4181040.00	3.12E+00	1.8	SRCGP1	OFF_SITE
553600.00	4181060.00	2.95E+00	1.8	SRCGP1	OFF_SITE

553600.00	4181160.00	1.73E+00	1.8	SRCGP1	OFF_SITE
553600.00	4181180.00	1.50E+00	1.8	SRCGP1	OFF_SITE
553600.00	4181200.00	1.30E+00	1.8	SRCGP1	OFF_SITE
553600.00	4181220.00	1.13E+00	1.8	SRCGP1	OFF_SITE
553600.00	4181240.00	9.91E-01	1.8	SRCGP1	OFF_SITE
553600.00	4181260.00	8.73E-01	1.8	SRCGP1	OFF_SITE
553600.00	4181280.00	7.73E-01	1.8	SRCGP1	OFF_SITE
553600.00	4181460.00	3.22E-01	1.8	SRCGP1	OFF_SITE
553600.00	4181480.00	2.98E-01	1.8	SRCGP1	OFF_SITE
553600.00	4181500.00	2.76E-01	1.8	SRCGP1	OFF_SITE
553600.00	4181520.00	2.57E-01	1.8	SRCGP1	OFF_SITE
553620.00	4180520.00	6.09E-01	1.8	SRCGP1	OFF_SITE
553620.00	4180540.00	6.78E-01	1.8	SRCGP1	OFF_SITE
553620.00	4180560.00	7.59E-01	1.8	SRCGP1	OFF_SITE
553620.00	4180600.00	9.69E-01	1.8	SRCGP1	OFF_SITE
553620.00	4180620.00	1.10E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180640.00	1.27E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180660.00	1.46E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180700.00	1.95E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180720.00	2.26E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180740.00	2.58E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180760.00	2.92E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180780.00	3.24E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180800.00	3.53E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180820.00	3.76E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180840.00	3.94E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180860.00	4.07E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180900.00	4.20E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180920.00	4.22E+00	1.8	SRCGP1	OFF_SITE
553620.00	4180940.00	4.21E+00	1.8	SRCGP1	OFF_SITE
553620.00	4181000.00	4.04E+00	1.8	SRCGP1	OFF_SITE
553620.00	4181020.00	3.93E+00	1.8	SRCGP1	OFF_SITE
553620.00	4181040.00	3.78E+00	1.8	SRCGP1	OFF_SITE
553620.00	4181060.00	3.58E+00	1.8	SRCGP1	OFF_SITE
553620.00	4181080.00	3.32E+00	1.8	SRCGP1	OFF_SITE
553620.00	4181180.00	1.71E+00	1.8	SRCGP1	OFF_SITE
553620.00	4181200.00	1.45E+00	1.8	SRCGP1	OFF_SITE
553620.00	4181220.00	1.24E+00	1.8	SRCGP1	OFF_SITE
553620.00	4181240.00	1.07E+00	1.8	SRCGP1	OFF_SITE
553620.00	4181260.00	9.29E-01	1.8	SRCGP1	OFF_SITE
553620.00	4181280.00	8.14E-01	1.8	SRCGP1	OFF_SITE
553620.00	4181480.00	2.98E-01	1.8	SRCGP1	OFF_SITE
553620.00	4181500.00	2.76E-01	1.8	SRCGP1	OFF_SITE
553620.00	4181520.00	2.56E-01	1.8	SRCGP1	OFF_SITE
553640.00	4180520.00	6.05E-01	1.8	SRCGP1	OFF_SITE
553640.00	4180540.00	6.75E-01	1.8	SRCGP1	OFF_SITE
553640.00	4180560.00	7.59E-01	1.8	SRCGP1	OFF_SITE

553640.00	4180600.00	9.76E-01	1.8	SRCGP1	OFF_SITE
553640.00	4180620.00	1.12E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180640.00	1.29E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180660.00	1.51E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180700.00	2.08E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180720.00	2.44E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180740.00	2.86E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180760.00	3.31E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180780.00	3.75E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180800.00	4.16E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180820.00	4.49E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180840.00	4.74E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180860.00	4.91E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180900.00	5.07E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180920.00	5.09E+00	1.8	SRCGP1	OFF_SITE
553640.00	4180940.00	5.09E+00	1.8	SRCGP1	OFF_SITE
553640.00	4181000.00	4.93E+00	1.8	SRCGP1	OFF_SITE
553640.00	4181020.00	4.81E+00	1.8	SRCGP1	OFF_SITE
553640.00	4181040.00	4.65E+00	1.8	SRCGP1	OFF_SITE
553640.00	4181060.00	4.43E+00	1.8	SRCGP1	OFF_SITE
553640.00	4181080.00	4.13E+00	1.8	SRCGP1	OFF_SITE
553640.00	4181100.00	3.76E+00	1.8	SRCGP1	OFF_SITE
553640.00	4181200.00	1.63E+00	1.8	SRCGP1	OFF_SITE
553640.00	4181220.00	1.36E+00	1.8	SRCGP1	OFF_SITE
553640.00	4181240.00	1.15E+00	1.8	SRCGP1	OFF_SITE
553640.00	4181260.00	9.87E-01	1.8	SRCGP1	OFF_SITE
553640.00	4181500.00	2.75E-01	1.8	SRCGP1	OFF_SITE
553640.00	4181520.00	2.55E-01	1.8	SRCGP1	OFF_SITE
553660.00	4180520.00	5.99E-01	1.8	SRCGP1	OFF_SITE
553660.00	4180540.00	6.70E-01	1.8	SRCGP1	OFF_SITE
553660.00	4180560.00	7.54E-01	1.8	SRCGP1	OFF_SITE
553660.00	4180600.00	9.78E-01	1.8	SRCGP1	OFF_SITE
553660.00	4180620.00	1.13E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180640.00	1.31E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180660.00	1.54E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180700.00	2.19E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180720.00	2.63E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180740.00	3.16E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180760.00	3.76E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180780.00	4.39E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180800.00	4.98E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180820.00	5.47E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180840.00	5.83E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180860.00	6.06E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180900.00	6.26E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180920.00	6.29E+00	1.8	SRCGP1	OFF_SITE
553660.00	4180940.00	6.28E+00	1.8	SRCGP1	OFF_SITE

553660.00	4181000.00	6.14E+00	1.8	SRCGP1	OFF_SITE
553660.00	4181020.00	6.03E+00	1.8	SRCGP1	OFF_SITE
553660.00	4181040.00	5.86E+00	1.8	SRCGP1	OFF_SITE
553660.00	4181060.00	5.63E+00	1.8	SRCGP1	OFF_SITE
553660.00	4181080.00	5.30E+00	1.8	SRCGP1	OFF_SITE
553660.00	4181100.00	4.84E+00	1.8	SRCGP1	OFF_SITE
553660.00	4181120.00	4.25E+00	1.8	SRCGP1	OFF_SITE
553660.00	4181220.00	1.49E+00	1.8	SRCGP1	OFF_SITE
553660.00	4181240.00	1.24E+00	1.8	SRCGP1	OFF_SITE
553660.00	4181520.00	2.53E-01	1.8	SRCGP1	OFF_SITE
553680.00	4180520.00	5.90E-01	1.8	SRCGP1	OFF_SITE
553680.00	4180540.00	6.61E-01	1.8	SRCGP1	OFF_SITE
553680.00	4180560.00	7.45E-01	1.8	SRCGP1	OFF_SITE
553680.00	4180600.00	9.72E-01	1.8	SRCGP1	OFF_SITE
553680.00	4180620.00	1.13E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180640.00	1.32E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180660.00	1.56E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180700.00	2.28E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180720.00	2.80E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180740.00	3.46E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180760.00	4.27E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180780.00	5.19E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180800.00	6.10E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180820.00	6.85E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180840.00	7.39E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180860.00	7.71E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180900.00	7.95E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180920.00	7.97E+00	1.8	SRCGP1	OFF_SITE
553680.00	4180940.00	7.97E+00	1.8	SRCGP1	OFF_SITE
553680.00	4181000.00	7.87E+00	1.8	SRCGP1	OFF_SITE
553680.00	4181020.00	7.78E+00	1.8	SRCGP1	OFF_SITE
553680.00	4181040.00	7.63E+00	1.8	SRCGP1	OFF_SITE
553680.00	4181060.00	7.40E+00	1.8	SRCGP1	OFF_SITE
553680.00	4181080.00	7.04E+00	1.8	SRCGP1	OFF_SITE
553680.00	4181100.00	6.50E+00	1.8	SRCGP1	OFF_SITE
553680.00	4181120.00	5.72E+00	1.8	SRCGP1	OFF_SITE
553680.00	4181140.00	4.72E+00	1.8	SRCGP1	OFF_SITE
553700.00	4180520.00	5.78E-01	1.8	SRCGP1	OFF_SITE
553700.00	4180540.00	6.48E-01	1.8	SRCGP1	OFF_SITE
553700.00	4180560.00	7.32E-01	1.8	SRCGP1	OFF_SITE
553700.00	4180600.00	9.59E-01	1.8	SRCGP1	OFF_SITE
553700.00	4180620.00	1.12E+00	1.8	SRCGP1	OFF_SITE
553700.00	4180640.00	1.31E+00	1.8	SRCGP1	OFF_SITE
553700.00	4180660.00	1.57E+00	1.8	SRCGP1	OFF_SITE
553700.00	4180700.00	2.34E+00	1.8	SRCGP1	OFF_SITE
553700.00	4180720.00	2.94E+00	1.8	SRCGP1	OFF_SITE
553700.00	4180740.00	3.74E+00	1.8	SRCGP1	OFF_SITE

553700.00	4180760.00	4.81E+00	1.8	SRCGP1	OFF_SITE
553700.00	4180780.00	6.17E+00	1.8	SRCGP1	OFF_SITE
553700.00	4180800.00	7.66E+00	1.8	SRCGP1	OFF_SITE
553700.00	4180820.00	8.94E+00	1.8	SRCGP1	OFF_SITE
553700.00	4180840.00	9.79E+00	1.8	SRCGP1	OFF_SITE
553700.00	4180860.00	1.02E+01	1.8	SRCGP1	OFF_SITE
553700.00	4180900.00	1.05E+01	1.8	SRCGP1	OFF_SITE
553700.00	4180920.00	1.05E+01	1.8	SRCGP1	OFF_SITE
553700.00	4180940.00	1.05E+01	1.8	SRCGP1	OFF_SITE
553700.00	4181000.00	1.05E+01	1.8	SRCGP1	OFF_SITE
553700.00	4181020.00	1.05E+01	1.8	SRCGP1	OFF_SITE
553700.00	4181040.00	1.04E+01	1.8	SRCGP1	OFF_SITE
553700.00	4181060.00	1.02E+01	1.8	SRCGP1	OFF_SITE
553700.00	4181080.00	9.83E+00	1.8	SRCGP1	OFF_SITE
553700.00	4181100.00	9.25E+00	1.8	SRCGP1	OFF_SITE
553700.00	4181120.00	8.27E+00	1.8	SRCGP1	OFF_SITE
553700.00	4181140.00	6.75E+00	1.8	SRCGP1	OFF_SITE
553720.00	4180520.00	5.64E-01	1.8	SRCGP1	OFF_SITE
553720.00	4180540.00	6.33E-01	1.8	SRCGP1	OFF_SITE
553720.00	4180560.00	7.15E-01	1.8	SRCGP1	OFF_SITE
553720.00	4180600.00	9.39E-01	1.8	SRCGP1	OFF_SITE
553720.00	4180620.00	1.09E+00	1.8	SRCGP1	OFF_SITE
553720.00	4180640.00	1.29E+00	1.8	SRCGP1	OFF_SITE
553720.00	4180660.00	1.55E+00	1.8	SRCGP1	OFF_SITE
553740.00	4180520.00	5.48E-01	1.8	SRCGP1	OFF_SITE
553740.00	4180540.00	6.14E-01	1.8	SRCGP1	OFF_SITE
553740.00	4180560.00	6.94E-01	1.8	SRCGP1	OFF_SITE
553760.00	4180620.00	1.03E+00	1.8	SRCGP1	OFF_SITE
553760.00	4180640.00	1.21E+00	1.8	SRCGP1	OFF_SITE
553760.00	4180660.00	1.46E+00	1.8	SRCGP1	OFF_SITE
553760.00	4180680.00	1.80E+00	1.8	SRCGP1	OFF_SITE
553760.00	4180720.00	2.98E+00	1.8	SRCGP1	OFF_SITE
553760.00	4180740.00	4.06E+00	1.8	SRCGP1	OFF_SITE
553760.00	4180760.00	5.81E+00	1.8	SRCGP1	OFF_SITE
553760.00	4180780.00	8.92E+00	1.8	SRCGP1	OFF_SITE
553780.00	4180520.00	5.09E-01	1.8	SRCGP1	OFF_SITE
553780.00	4180540.00	5.70E-01	1.8	SRCGP1	OFF_SITE
553780.00	4180560.00	6.42E-01	1.8	SRCGP1	OFF_SITE
553780.00	4180580.00	7.31E-01	1.8	SRCGP1	OFF_SITE
553780.00	4180600.00	8.41E-01	1.8	SRCGP1	OFF_SITE
553780.00	4180620.00	9.79E-01	1.8	SRCGP1	OFF_SITE
553780.00	4180640.00	1.16E+00	1.8	SRCGP1	OFF_SITE
553780.00	4180660.00	1.39E+00	1.8	SRCGP1	OFF_SITE
553780.00	4180680.00	1.72E+00	1.8	SRCGP1	OFF_SITE
553780.00	4180720.00	2.86E+00	1.8	SRCGP1	OFF_SITE
553780.00	4180740.00	3.92E+00	1.8	SRCGP1	OFF_SITE
553780.00	4180760.00	5.72E+00	1.8	SRCGP1	OFF_SITE

553780.00	4180780.00	9.07E+00	1.8	SRCGP1	OFF_SITE
553800.00	4180520.00	4.88E-01	1.8	SRCGP1	OFF_SITE
553800.00	4180540.00	5.45E-01	1.8	SRCGP1	OFF_SITE
553800.00	4180560.00	6.14E-01	1.8	SRCGP1	OFF_SITE
553800.00	4180580.00	6.97E-01	1.8	SRCGP1	OFF_SITE
553800.00	4180600.00	8.00E-01	1.8	SRCGP1	OFF_SITE
553800.00	4180620.00	9.29E-01	1.8	SRCGP1	OFF_SITE
553800.00	4180640.00	1.10E+00	1.8	SRCGP1	OFF_SITE
553800.00	4180660.00	1.32E+00	1.8	SRCGP1	OFF_SITE
553800.00	4180680.00	1.62E+00	1.8	SRCGP1	OFF_SITE
553800.00	4180720.00	2.68E+00	1.8	SRCGP1	OFF_SITE
553800.00	4180740.00	3.70E+00	1.8	SRCGP1	OFF_SITE
553800.00	4180760.00	5.48E+00	1.8	SRCGP1	OFF_SITE
553800.00	4180780.00	9.02E+00	1.8	SRCGP1	OFF_SITE
553820.00	4180520.00	4.67E-01	1.8	SRCGP1	OFF_SITE
553820.00	4180540.00	5.21E-01	1.8	SRCGP1	OFF_SITE
553820.00	4180560.00	5.84E-01	1.8	SRCGP1	OFF_SITE
553820.00	4180580.00	6.62E-01	1.8	SRCGP1	OFF_SITE
553820.00	4180620.00	8.77E-01	1.8	SRCGP1	OFF_SITE
553820.00	4180640.00	1.03E+00	1.8	SRCGP1	OFF_SITE
553820.00	4180660.00	1.23E+00	1.8	SRCGP1	OFF_SITE
553820.00	4180680.00	1.51E+00	1.8	SRCGP1	OFF_SITE
553820.00	4180720.00	2.48E+00	1.8	SRCGP1	OFF_SITE
553820.00	4180740.00	3.44E+00	1.8	SRCGP1	OFF_SITE
553820.00	4180760.00	5.15E+00	1.8	SRCGP1	OFF_SITE
553820.00	4180780.00	8.70E+00	1.8	SRCGP1	OFF_SITE
553840.00	4180520.00	4.46E-01	1.8	SRCGP1	OFF_SITE
553840.00	4180540.00	4.96E-01	1.8	SRCGP1	OFF_SITE
553840.00	4180560.00	5.56E-01	1.8	SRCGP1	OFF_SITE
553840.00	4180580.00	6.27E-01	1.8	SRCGP1	OFF_SITE
553840.00	4180620.00	8.26E-01	1.8	SRCGP1	OFF_SITE
553840.00	4180640.00	9.66E-01	1.8	SRCGP1	OFF_SITE
553840.00	4180660.00	1.15E+00	1.8	SRCGP1	OFF_SITE
553840.00	4180680.00	1.40E+00	1.8	SRCGP1	OFF_SITE
553840.00	4180720.00	2.29E+00	1.8	SRCGP1	OFF_SITE
553840.00	4180740.00	3.16E+00	1.8	SRCGP1	OFF_SITE
553840.00	4180760.00	4.75E+00	1.8	SRCGP1	OFF_SITE
553840.00	4180780.00	8.05E+00	1.8	SRCGP1	OFF_SITE
553860.00	4180520.00	4.26E-01	1.8	SRCGP1	OFF_SITE
553860.00	4180540.00	4.73E-01	1.8	SRCGP1	OFF_SITE
553860.00	4180560.00	5.28E-01	1.8	SRCGP1	OFF_SITE
553860.00	4180580.00	5.95E-01	1.8	SRCGP1	OFF_SITE
553860.00	4180620.00	7.78E-01	1.8	SRCGP1	OFF_SITE
553860.00	4180640.00	9.07E-01	1.8	SRCGP1	OFF_SITE
553860.00	4180660.00	1.08E+00	1.8	SRCGP1	OFF_SITE
553860.00	4180680.00	1.31E+00	1.8	SRCGP1	OFF_SITE
553860.00	4180720.00	2.12E+00	1.8	SRCGP1	OFF_SITE

553860.00	4180740.00	2.91E+00	1.8	SRCGP1	OFF_SITE
553860.00	4180760.00	4.32E+00	1.8	SRCGP1	OFF_SITE
553860.00	4180780.00	7.15E+00	1.8	SRCGP1	OFF_SITE
553880.00	4180520.00	4.07E-01	1.8	SRCGP1	OFF_SITE
553880.00	4180540.00	4.50E-01	1.8	SRCGP1	OFF_SITE
553880.00	4180560.00	5.02E-01	1.8	SRCGP1	OFF_SITE
553880.00	4180580.00	5.64E-01	1.8	SRCGP1	OFF_SITE
553880.00	4180620.00	7.35E-01	1.8	SRCGP1	OFF_SITE
553880.00	4180640.00	8.55E-01	1.8	SRCGP1	OFF_SITE
553880.00	4180660.00	1.01E+00	1.8	SRCGP1	OFF_SITE
553880.00	4180680.00	1.23E+00	1.8	SRCGP1	OFF_SITE
553880.00	4180720.00	1.98E+00	1.8	SRCGP1	OFF_SITE
553880.00	4180740.00	2.71E+00	1.8	SRCGP1	OFF_SITE
553880.00	4180760.00	3.95E+00	1.8	SRCGP1	OFF_SITE
553880.00	4180780.00	6.30E+00	1.8	SRCGP1	OFF_SITE
553900.00	4180520.00	3.89E-01	1.8	SRCGP1	OFF_SITE
553900.00	4180540.00	4.30E-01	1.8	SRCGP1	OFF_SITE
553900.00	4180560.00	4.79E-01	1.8	SRCGP1	OFF_SITE
553900.00	4180580.00	5.37E-01	1.8	SRCGP1	OFF_SITE
553900.00	4180620.00	6.97E-01	1.8	SRCGP1	OFF_SITE
553900.00	4180640.00	8.10E-01	1.8	SRCGP1	OFF_SITE
553900.00	4180660.00	9.59E-01	1.8	SRCGP1	OFF_SITE
553900.00	4180680.00	1.16E+00	1.8	SRCGP1	OFF_SITE
553900.00	4180720.00	1.88E+00	1.8	SRCGP1	OFF_SITE
553900.00	4180740.00	2.55E+00	1.8	SRCGP1	OFF_SITE
553900.00	4180760.00	3.67E+00	1.8	SRCGP1	OFF_SITE
553900.00	4180780.00	5.67E+00	1.8	SRCGP1	OFF_SITE
553920.00	4180520.00	3.73E-01	1.8	SRCGP1	OFF_SITE
553920.00	4180540.00	4.12E-01	1.8	SRCGP1	OFF_SITE
553920.00	4180560.00	4.58E-01	1.8	SRCGP1	OFF_SITE
553920.00	4180580.00	5.14E-01	1.8	SRCGP1	OFF_SITE
553920.00	4180620.00	6.66E-01	1.8	SRCGP1	OFF_SITE
553920.00	4180640.00	7.74E-01	1.8	SRCGP1	OFF_SITE
553920.00	4180660.00	9.17E-01	1.8	SRCGP1	OFF_SITE
553920.00	4180680.00	1.11E+00	1.8	SRCGP1	OFF_SITE
553920.00	4180720.00	1.80E+00	1.8	SRCGP1	OFF_SITE
553920.00	4180740.00	2.43E+00	1.8	SRCGP1	OFF_SITE
553920.00	4180760.00	3.44E+00	1.8	SRCGP1	OFF_SITE
553920.00	4180780.00	5.10E+00	1.8	SRCGP1	OFF_SITE
553940.00	4180520.00	3.59E-01	1.8	SRCGP1	OFF_SITE
553940.00	4180540.00	3.96E-01	1.8	SRCGP1	OFF_SITE
553940.00	4180560.00	4.40E-01	1.8	SRCGP1	OFF_SITE
553940.00	4180580.00	4.93E-01	1.8	SRCGP1	OFF_SITE
553940.00	4180620.00	6.40E-01	1.8	SRCGP1	OFF_SITE
553940.00	4180640.00	7.45E-01	1.8	SRCGP1	OFF_SITE
553940.00	4180660.00	8.85E-01	1.8	SRCGP1	OFF_SITE
553940.00	4180680.00	1.08E+00	1.8	SRCGP1	OFF_SITE



553940.00	4180720.00	1.74E+00	1.8	SRCGP1	OFF_SITE
553940.00	4180740.00	2.32E+00	1.8	SRCGP1	OFF_SITE
553940.00	4180760.00	3.20E+00	1.8	SRCGP1	OFF_SITE
553940.00	4180780.00	4.51E+00	1.8	SRCGP1	OFF_SITE
553960.00	4180520.00	3.47E-01	1.8	SRCGP1	OFF_SITE
553960.00	4180540.00	3.82E-01	1.8	SRCGP1	OFF_SITE
553960.00	4180560.00	4.25E-01	1.8	SRCGP1	OFF_SITE
553960.00	4180580.00	4.76E-01	1.8	SRCGP1	OFF_SITE
553960.00	4180620.00	6.19E-01	1.8	SRCGP1	OFF_SITE
553960.00	4180640.00	7.22E-01	1.8	SRCGP1	OFF_SITE
553960.00	4180660.00	8.59E-01	1.8	SRCGP1	OFF_SITE
553960.00	4180680.00	1.05E+00	1.8	SRCGP1	OFF_SITE
553960.00	4180720.00	1.67E+00	1.8	SRCGP1	OFF_SITE
553960.00	4180740.00	2.20E+00	1.8	SRCGP1	OFF_SITE
553960.00	4180760.00	2.94E+00	1.8	SRCGP1	OFF_SITE
553980.00	4180520.00	3.36E-01	1.8	SRCGP1	OFF_SITE
553980.00	4180540.00	3.70E-01	1.8	SRCGP1	OFF_SITE
553980.00	4180560.00	4.12E-01	1.8	SRCGP1	OFF_SITE
553980.00	4180580.00	4.62E-01	1.8	SRCGP1	OFF_SITE
553980.00	4180620.00	6.02E-01	1.8	SRCGP1	OFF_SITE
553980.00	4180640.00	7.04E-01	1.8	SRCGP1	OFF_SITE
553980.00	4180660.00	8.38E-01	1.8	SRCGP1	OFF_SITE
553980.00	4180680.00	1.02E+00	1.8	SRCGP1	OFF_SITE
553560.00	4181180.00	1.19E+00	1.8	SRCGP1	OFF_SITE
553920.00	4180660.00	9.17E-01	1.8	SRCGP1	OFF_SITE
553700.00	4180920.00	1.05E+01	1.8	SRCGP1	OFF_SITE
553560.00	4180920.00	2.60E+00	1.8	SRCGP1	OFF_SITE
553680.00	4181060.00	7.40E+00	1.8	SRCGP1	OFF_SITE
553760.00	4181080.00	3.18E+01	1.8	SRCGP1	R_A1_BA
553780.00	4181080.00	3.31E+01	1.8	SRCGP1	R_A1_BA
553760.00	4181100.00	3.14E+01	1.8	SRCGP1	R_A1_BA
553780.00	4181100.00	3.24E+01	1.8	SRCGP1	R_A1_BA
553760.00	4181120.00	3.04E+01	1.8	SRCGP1	R_A1_BA
553780.00	4181120.00	3.12E+01	1.8	SRCGP1	R_A1_BA
553760.00	4181140.00	2.76E+01	1.8	SRCGP1	R_A1_BA
553780.00	4181140.00	2.85E+01	1.8	SRCGP1	R_A1_BA
553760.00	4181000.00	3.18E+01	1.8	SRCGP1	R_A1_BB
553780.00	4181000.00	3.46E+01	1.8	SRCGP1	R_A1_BB
553760.00	4181020.00	3.19E+01	1.8	SRCGP1	R_A1_BB
553780.00	4181020.00	3.43E+01	1.8	SRCGP1	R_A1_BB
553760.00	4181040.00	3.20E+01	1.8	SRCGP1	R_A1_BB
553780.00	4181040.00	3.40E+01	1.8	SRCGP1	R_A1_BB
553780.00	4181060.00	3.36E+01	1.8	SRCGP1	R_A1_BB
553760.00	4180900.00	3.21E+01	1.8	SRCGP1	R_A1_BC
553780.00	4180900.00	3.78E+01	1.8	SRCGP1	R_A1_BC
553760.00	4180920.00	3.17E+01	1.8	SRCGP1	R_A1_BC
553780.00	4180920.00	3.64E+01	1.8	SRCGP1	R_A1_BC

553760.00	4180940.00	3.16E+01	1.8	SRCGP1	R_A1_BC
553780.00	4180940.00	3.57E+01	1.8	SRCGP1	R_A1_BC
553760.00	4180960.00	3.16E+01	1.8	SRCGP1	R_A1_BC
553780.00	4180960.00	3.52E+01	1.8	SRCGP1	R_A1_BC
553760.00	4180820.00	2.80E+01	1.8	SRCGP1	R_A1_BD1
553780.00	4180820.00	3.55E+01	1.8	SRCGP1	R_A1_BD1
553760.00	4180840.00	3.22E+01	1.8	SRCGP1	R_A1_BD1
553780.00	4180840.00	4.20E+01	1.8	SRCGP1	R_A1_BD1
553760.00	4180860.00	3.32E+01	1.8	SRCGP1	R_A1_BD1
553780.00	4180860.00	4.27E+01	1.8	SRCGP1	R_A1_BD1
553760.00	4180880.00	3.28E+01	1.8	SRCGP1	R_A1_BD1
553800.00	4180820.00	3.84E+01	1.8	SRCGP1	R_A1_BD2
553820.00	4180820.00	3.88E+01	1.8	SRCGP1	R_A1_BD2
553840.00	4180820.00	3.73E+01	1.8	SRCGP1	R_A1_BD2
553860.00	4180820.00	3.36E+01	1.8	SRCGP1	R_A1_BD2
553880.00	4180820.00	2.64E+01	1.8	SRCGP1	R_A1_BD2
553800.00	4180840.00	4.65E+01	1.8	SRCGP1	R_A1_BD2
553820.00	4180840.00	4.79E+01	1.8	SRCGP1	R_A1_BD2
553840.00	4180840.00	4.69E+01	1.8	SRCGP1	R_A1_BD2
553860.00	4180840.00	4.29E+01	1.8	SRCGP1	R_A1_BD2
553880.00	4180840.00	3.44E+01	1.8	SRCGP1	R_A1_BD2
553800.00	4180860.00	4.72E+01	1.8	SRCGP1	R_A1_BD2
553820.00	4180860.00	4.89E+01	1.8	SRCGP1	R_A1_BD2
553840.00	4180860.00	4.81E+01	1.8	SRCGP1	R_A1_BD2
553860.00	4180860.00	4.43E+01	1.8	SRCGP1	R_A1_BD2
553880.00	4180860.00	3.57E+01	1.8	SRCGP1	R_A1_BD2
553780.00	4180880.00	4.04E+01	1.8	SRCGP1	R_A1_BD2
553800.00	4180880.00	4.24E+01	1.8	SRCGP1	R_A1_BD2
553820.00	4180880.00	4.26E+01	1.8	SRCGP1	R_A1_BD2
553840.00	4180880.00	4.10E+01	1.8	SRCGP1	R_A1_BD2
553860.00	4180880.00	3.80E+01	1.8	SRCGP1	R_A1_BD2
553820.00	4181100.00	1.63E+01	1.8	SRCGP1	R_A2_BG
553840.00	4181100.00	1.14E+01	1.8	SRCGP1	R_A2_BG
553860.00	4181100.00	8.57E+00	1.8	SRCGP1	R_A2_BG
553820.00	4181120.00	1.51E+01	1.8	SRCGP1	R_A2_BG
553840.00	4181120.00	1.04E+01	1.8	SRCGP1	R_A2_BG
553860.00	4181120.00	7.80E+00	1.8	SRCGP1	R_A2_BG
553900.00	4181100.00	5.55E+00	1.8	SRCGP1	R_A2_BK
553920.00	4181100.00	4.67E+00	1.8	SRCGP1	R_A2_BK
553900.00	4181120.00	5.05E+00	1.8	SRCGP1	R_A2_BK
553920.00	4181120.00	4.26E+00	1.8	SRCGP1	R_A2_BK
553860.00	4181140.00	6.75E+00	1.8	SRCGP1	R_A2_PK
553880.00	4181140.00	5.39E+00	1.8	SRCGP1	R_A2_PK
553900.00	4181140.00	4.47E+00	1.8	SRCGP1	R_A2_PK
553920.00	4181140.00	3.80E+00	1.8	SRCGP1	R_A2_PK
553800.00	4181160.00	1.35E+01	1.8	SRCGP1	R_A2_PK
553820.00	4181160.00	9.41E+00	1.8	SRCGP1	R_A2_PK

553840.00	4181160.00	6.98E+00	1.8	SRCGP1	R_A2_PK
553860.00	4181160.00	5.51E+00	1.8	SRCGP1	R_A2_PK
553880.00	4181160.00	4.53E+00	1.8	SRCGP1	R_A2_PK
553900.00	4181160.00	3.83E+00	1.8	SRCGP1	R_A2_PK
553920.00	4181160.00	3.31E+00	1.8	SRCGP1	R_A2_PK
553740.00	4181180.00	4.98E+00	1.8	SRCGP1	R_A2_PK
553760.00	4181180.00	6.12E+00	1.8	SRCGP1	R_A2_PK
553780.00	4181180.00	6.89E+00	1.8	SRCGP1	R_A2_PK
553800.00	4181180.00	6.77E+00	1.8	SRCGP1	R_A2_PK
553820.00	4181180.00	5.97E+00	1.8	SRCGP1	R_A2_PK
553840.00	4181180.00	5.03E+00	1.8	SRCGP1	R_A2_PK
553860.00	4181180.00	4.26E+00	1.8	SRCGP1	R_A2_PK
553880.00	4181180.00	3.66E+00	1.8	SRCGP1	R_A2_PK
553900.00	4181180.00	3.19E+00	1.8	SRCGP1	R_A2_PK
553920.00	4181180.00	2.82E+00	1.8	SRCGP1	R_A2_PK
553740.00	4181200.00	2.96E+00	1.8	SRCGP1	R_A2_PK
553760.00	4181200.00	3.29E+00	1.8	SRCGP1	R_A2_PK
553780.00	4181200.00	3.63E+00	1.8	SRCGP1	R_A2_PK
553800.00	4181200.00	3.82E+00	1.8	SRCGP1	R_A2_PK
553820.00	4181200.00	3.76E+00	1.8	SRCGP1	R_A2_PK
553840.00	4181200.00	3.52E+00	1.8	SRCGP1	R_A2_PK
553860.00	4181200.00	3.20E+00	1.8	SRCGP1	R_A2_PK
553880.00	4181200.00	2.89E+00	1.8	SRCGP1	R_A2_PK
553900.00	4181200.00	2.61E+00	1.8	SRCGP1	R_A2_PK
553920.00	4181200.00	2.37E+00	1.8	SRCGP1	R_A2_PK
553840.00	4180920.00	1.76E+01	1.8	SRCGP1	R_A3_BE
553860.00	4180920.00	1.46E+01	1.8	SRCGP1	R_A3_BE
553820.00	4180940.00	2.15E+01	1.8	SRCGP1	R_A3_BE
553840.00	4180940.00	1.57E+01	1.8	SRCGP1	R_A3_BE
553860.00	4180940.00	1.25E+01	1.8	SRCGP1	R_A3_BE
553820.00	4181040.00	1.82E+01	1.8	SRCGP1	R_A3_BF
553840.00	4181040.00	1.29E+01	1.8	SRCGP1	R_A3_BF
553860.00	4181040.00	9.85E+00	1.8	SRCGP1	R_A3_BF
553820.00	4181060.00	1.77E+01	1.8	SRCGP1	R_A3_BF
553840.00	4181060.00	1.25E+01	1.8	SRCGP1	R_A3_BF
553860.00	4181060.00	9.52E+00	1.8	SRCGP1	R_A3_BF
553800.00	4180960.00	3.01E+01	1.8	SRCGP1	R_A3_SQ
553820.00	4180960.00	2.05E+01	1.8	SRCGP1	R_A3_SQ
553840.00	4180960.00	1.47E+01	1.8	SRCGP1	R_A3_SQ
553860.00	4180960.00	1.15E+01	1.8	SRCGP1	R_A3_SQ
553800.00	4180980.00	2.93E+01	1.8	SRCGP1	R_A3_SQ
553820.00	4180980.00	1.98E+01	1.8	SRCGP1	R_A3_SQ
553840.00	4180980.00	1.41E+01	1.8	SRCGP1	R_A3_SQ
553860.00	4180980.00	1.09E+01	1.8	SRCGP1	R_A3_SQ
553800.00	4181000.00	2.86E+01	1.8	SRCGP1	R_A3_SQ
553820.00	4181000.00	1.92E+01	1.8	SRCGP1	R_A3_SQ
553840.00	4181000.00	1.37E+01	1.8	SRCGP1	R_A3_SQ

553860.00	4181000.00	1.05E+01	1.8	SRCGP1	R_A3_SQ
553800.00	4181020.00	2.79E+01	1.8	SRCGP1	R_A3_SQ
553820.00	4181020.00	1.87E+01	1.8	SRCGP1	R_A3_SQ
553840.00	4181020.00	1.33E+01	1.8	SRCGP1	R_A3_SQ
553860.00	4181020.00	1.02E+01	1.8	SRCGP1	R_A3_SQ
553900.00	4180920.00	1.09E+01	1.8	SRCGP1	R_A4_BI
553920.00	4180920.00	9.18E+00	1.8	SRCGP1	R_A4_BI
553900.00	4180940.00	9.01E+00	1.8	SRCGP1	R_A4_BI
553920.00	4180940.00	7.81E+00	1.8	SRCGP1	R_A4_BI
553900.00	4180960.00	8.04E+00	1.8	SRCGP1	R_A4_BI
553920.00	4180960.00	6.98E+00	1.8	SRCGP1	R_A4_BI
553900.00	4181000.00	7.09E+00	1.8	SRCGP1	R_A4_BJ
553920.00	4181000.00	6.09E+00	1.8	SRCGP1	R_A4_BJ
553900.00	4181020.00	6.80E+00	1.8	SRCGP1	R_A4_BJ
553920.00	4181020.00	5.81E+00	1.8	SRCGP1	R_A4_BJ
553900.00	4181040.00	6.54E+00	1.8	SRCGP1	R_A4_BJ
553920.00	4181040.00	5.56E+00	1.8	SRCGP1	R_A4_BJ
553900.00	4181060.00	6.27E+00	1.8	SRCGP1	R_A4_BJ
553920.00	4181060.00	5.30E+00	1.8	SRCGP1	R_A4_BJ
553900.00	4181000.00	7.09E+00	1.8	SRCGP1	R_A4_BJ
553920.00	4181000.00	6.09E+00	1.8	SRCGP1	R_A4_BJ
553900.00	4180980.00	7.47E+00	1.8	SRCGP1	R_A4_CL
553920.00	4180980.00	6.45E+00	1.8	SRCGP1	R_A4_CL
553940.00	4180980.00	5.65E+00	1.8	SRCGP1	R_A4_CL
553880.00	4181000.00	8.47E+00	1.8	SRCGP1	R_A4_CL
553940.00	4181000.00	5.31E+00	1.8	SRCGP1	R_A4_CL
553940.00	4181080.00	4.31E+00	1.8	SRCGP1	R_A4_CL
553880.00	4180980.00	8.85E+00	1.8	SRCGP1	R_A4_CL
553600.00	4181380.00	4.56E-01	1.8	SRCGP1	R_ATT
553600.00	4181400.00	4.16E-01	1.8	SRCGP1	R_ATT
553620.00	4181340.00	5.71E-01	1.8	SRCGP1	R_ATT
553620.00	4181360.00	5.13E-01	1.8	SRCGP1	R_ATT
553620.00	4181380.00	4.64E-01	1.8	SRCGP1	R_ATT
553620.00	4181400.00	4.21E-01	1.8	SRCGP1	R_ATT
553620.00	4181420.00	3.84E-01	1.8	SRCGP1	R_ATT
553640.00	4181340.00	5.84E-01	1.8	SRCGP1	R_ATT
553640.00	4181320.00	6.58E-01	1.8	SRCGP1	R_ATT
553640.00	4181360.00	5.22E-01	1.8	SRCGP1	R_ATT
553640.00	4181380.00	4.70E-01	1.8	SRCGP1	R_ATT
553640.00	4181400.00	4.25E-01	1.8	SRCGP1	R_ATT
553640.00	4181420.00	3.86E-01	1.8	SRCGP1	R_ATT
553640.00	4181440.00	3.53E-01	1.8	SRCGP1	R_ATT
553660.00	4181320.00	6.74E-01	1.8	SRCGP1	R_ATT
553660.00	4181340.00	5.94E-01	1.8	SRCGP1	R_ATT
553660.00	4181360.00	5.29E-01	1.8	SRCGP1	R_ATT
553660.00	4181380.00	4.73E-01	1.8	SRCGP1	R_ATT
553660.00	4181400.00	4.27E-01	1.8	SRCGP1	R_ATT

553660.00	4181420.00	3.87E-01	1.8	SRCGP1	R_ATT
553660.00	4181440.00	3.52E-01	1.8	SRCGP1	R_ATT
553660.00	4181460.00	3.22E-01	1.8	SRCGP1	R_ATT
553680.00	4181360.00	5.32E-01	1.8	SRCGP1	R_ATT
553680.00	4181380.00	4.74E-01	1.8	SRCGP1	R_ATT
553680.00	4181400.00	4.26E-01	1.8	SRCGP1	R_ATT
553680.00	4181420.00	3.85E-01	1.8	SRCGP1	R_ATT
553680.00	4181440.00	3.50E-01	1.8	SRCGP1	R_ATT
553680.00	4181460.00	3.20E-01	1.8	SRCGP1	R_ATT
553680.00	4181480.00	2.94E-01	1.8	SRCGP1	R_ATT
553680.00	4181340.00	6.01E-01	1.8	SRCGP1	R_ATT
553680.00	4181320.00	6.85E-01	1.8	SRCGP1	R_ATT
553700.00	4181360.00	5.32E-01	1.8	SRCGP1	R_ATT
553700.00	4181380.00	4.73E-01	1.8	SRCGP1	R_ATT
553700.00	4181400.00	4.24E-01	1.8	SRCGP1	R_ATT
553700.00	4181420.00	3.83E-01	1.8	SRCGP1	R_ATT
553700.00	4181440.00	3.48E-01	1.8	SRCGP1	R_ATT
553700.00	4181460.00	3.17E-01	1.8	SRCGP1	R_ATT
553700.00	4181480.00	2.91E-01	1.8	SRCGP1	R_ATT
553700.00	4181500.00	2.68E-01	1.8	SRCGP1	R_ATT
553700.00	4181340.00	6.04E-01	1.8	SRCGP1	R_ATT
553700.00	4181320.00	6.92E-01	1.8	SRCGP1	R_ATT
553720.00	4181360.00	5.31E-01	1.8	SRCGP1	R_ATT
553720.00	4181380.00	4.71E-01	1.8	SRCGP1	R_ATT
553720.00	4181400.00	4.21E-01	1.8	SRCGP1	R_ATT
553720.00	4181420.00	3.80E-01	1.8	SRCGP1	R_ATT
553720.00	4181440.00	3.44E-01	1.8	SRCGP1	R_ATT
553720.00	4181460.00	3.14E-01	1.8	SRCGP1	R_ATT
553720.00	4181480.00	2.88E-01	1.8	SRCGP1	R_ATT
553720.00	4181500.00	2.65E-01	1.8	SRCGP1	R_ATT
553720.00	4181520.00	2.45E-01	1.8	SRCGP1	R_ATT
553720.00	4181340.00	6.04E-01	1.8	SRCGP1	R_ATT
553720.00	4181320.00	6.95E-01	1.8	SRCGP1	R_ATT
553740.00	4181360.00	5.28E-01	1.8	SRCGP1	R_ATT
553740.00	4181380.00	4.68E-01	1.8	SRCGP1	R_ATT
553740.00	4181400.00	4.18E-01	1.8	SRCGP1	R_ATT
553740.00	4181420.00	3.76E-01	1.8	SRCGP1	R_ATT
553740.00	4181440.00	3.41E-01	1.8	SRCGP1	R_ATT
553740.00	4181460.00	3.11E-01	1.8	SRCGP1	R_ATT
553740.00	4181480.00	2.85E-01	1.8	SRCGP1	R_ATT
553740.00	4181500.00	2.62E-01	1.8	SRCGP1	R_ATT
553740.00	4181520.00	2.42E-01	1.8	SRCGP1	R_ATT
553740.00	4181340.00	6.03E-01	1.8	SRCGP1	R_ATT
553740.00	4181320.00	6.96E-01	1.8	SRCGP1	R_ATT
553760.00	4181360.00	5.27E-01	1.8	SRCGP1	R_ATT
553760.00	4181380.00	4.66E-01	1.8	SRCGP1	R_ATT
553760.00	4181400.00	4.15E-01	1.8	SRCGP1	R_ATT

553760.00	4181420.00	3.74E-01	1.8	SRCGP1	R_ATT
553760.00	4181440.00	3.38E-01	1.8	SRCGP1	R_ATT
553760.00	4181460.00	3.08E-01	1.8	SRCGP1	R_ATT
553760.00	4181480.00	2.82E-01	1.8	SRCGP1	R_ATT
553760.00	4181500.00	2.60E-01	1.8	SRCGP1	R_ATT
553760.00	4181520.00	2.40E-01	1.8	SRCGP1	R_ATT
553760.00	4181340.00	6.02E-01	1.8	SRCGP1	R_ATT
553760.00	4181320.00	6.98E-01	1.8	SRCGP1	R_ATT
553780.00	4181360.00	5.27E-01	1.8	SRCGP1	R_ATT
553780.00	4181380.00	4.65E-01	1.8	SRCGP1	R_ATT
553780.00	4181400.00	4.14E-01	1.8	SRCGP1	R_ATT
553780.00	4181420.00	3.72E-01	1.8	SRCGP1	R_ATT
553780.00	4181440.00	3.36E-01	1.8	SRCGP1	R_ATT
553780.00	4181460.00	3.06E-01	1.8	SRCGP1	R_ATT
553780.00	4181480.00	2.80E-01	1.8	SRCGP1	R_ATT
553780.00	4181500.00	2.58E-01	1.8	SRCGP1	R_ATT
553780.00	4181520.00	2.38E-01	1.8	SRCGP1	R_ATT
553780.00	4181340.00	6.04E-01	1.8	SRCGP1	R_ATT
553800.00	4181360.00	5.29E-01	1.8	SRCGP1	R_ATT
553800.00	4181380.00	4.66E-01	1.8	SRCGP1	R_ATT
553800.00	4181400.00	4.14E-01	1.8	SRCGP1	R_ATT
553800.00	4181420.00	3.72E-01	1.8	SRCGP1	R_ATT
553800.00	4181440.00	3.36E-01	1.8	SRCGP1	R_ATT
553800.00	4181460.00	3.05E-01	1.8	SRCGP1	R_ATT
553800.00	4181480.00	2.79E-01	1.8	SRCGP1	R_ATT
553800.00	4181500.00	2.56E-01	1.8	SRCGP1	R_ATT
553800.00	4181520.00	2.36E-01	1.8	SRCGP1	R_ATT
553820.00	4181360.00	5.35E-01	1.8	SRCGP1	R_ATT
553820.00	4181380.00	4.70E-01	1.8	SRCGP1	R_ATT
553820.00	4181400.00	4.17E-01	1.8	SRCGP1	R_ATT
553820.00	4181420.00	3.73E-01	1.8	SRCGP1	R_ATT
553820.00	4181440.00	3.36E-01	1.8	SRCGP1	R_ATT
553820.00	4181460.00	3.05E-01	1.8	SRCGP1	R_ATT
553820.00	4181480.00	2.79E-01	1.8	SRCGP1	R_ATT
553820.00	4181500.00	2.56E-01	1.8	SRCGP1	R_ATT
553820.00	4181520.00	2.36E-01	1.8	SRCGP1	R_ATT
553840.00	4181360.00	5.44E-01	1.8	SRCGP1	R_ATT
553840.00	4181380.00	4.76E-01	1.8	SRCGP1	R_ATT
553840.00	4181400.00	4.21E-01	1.8	SRCGP1	R_ATT
553840.00	4181420.00	3.76E-01	1.8	SRCGP1	R_ATT
553840.00	4181440.00	3.38E-01	1.8	SRCGP1	R_ATT
553840.00	4181460.00	3.07E-01	1.8	SRCGP1	R_ATT
553840.00	4181480.00	2.80E-01	1.8	SRCGP1	R_ATT
553840.00	4181500.00	2.56E-01	1.8	SRCGP1	R_ATT
553840.00	4181520.00	2.36E-01	1.8	SRCGP1	R_ATT
553920.00	4180820.00	1.13E+01	1.8	SRCGP1	R_B4_BH
553940.00	4180820.00	8.22E+00	1.8	SRCGP1	R_B4_BH

553920.00	4180840.00	1.40E+01	1.8	SRCGP1	R_B4_BH
553940.00	4180840.00	9.73E+00	1.8	SRCGP1	R_B4_BH
553900.00	4180860.00	2.32E+01	1.8	SRCGP1	R_B4_BH
553920.00	4180860.00	1.48E+01	1.8	SRCGP1	R_B4_BH
553940.00	4180860.00	1.03E+01	1.8	SRCGP1	R_B4_BH
553900.00	4180880.00	2.03E+01	1.8	SRCGP1	R_B4_BH
553920.00	4180880.00	1.36E+01	1.8	SRCGP1	R_B4_BH
553960.00	4181040.00	4.22E+00	1.8	SRCGP1	R_PIER48
553980.00	4181040.00	3.74E+00	1.8	SRCGP1	R_PIER48
554000.00	4181040.00	3.34E+00	1.8	SRCGP1	R_PIER48
553960.00	4181060.00	4.00E+00	1.8	SRCGP1	R_PIER48
553980.00	4181060.00	3.54E+00	1.8	SRCGP1	R_PIER48
554000.00	4181060.00	3.16E+00	1.8	SRCGP1	R_PIER48
554020.00	4181060.00	2.84E+00	1.8	SRCGP1	R_PIER48
554040.00	4181060.00	2.57E+00	1.8	SRCGP1	R_PIER48
554060.00	4181060.00	2.33E+00	1.8	SRCGP1	R_PIER48
554080.00	4181060.00	2.13E+00	1.8	SRCGP1	R_PIER48
554100.00	4181060.00	1.95E+00	1.8	SRCGP1	R_PIER48
554120.00	4181060.00	1.79E+00	1.8	SRCGP1	R_PIER48
554140.00	4181060.00	1.64E+00	1.8	SRCGP1	R_PIER48
554160.00	4181060.00	1.52E+00	1.8	SRCGP1	R_PIER48
553960.00	4181080.00	3.76E+00	1.8	SRCGP1	R_PIER48
553980.00	4181080.00	3.33E+00	1.8	SRCGP1	R_PIER48
554000.00	4181080.00	2.97E+00	1.8	SRCGP1	R_PIER48
554020.00	4181080.00	2.67E+00	1.8	SRCGP1	R_PIER48
554040.00	4181080.00	2.42E+00	1.8	SRCGP1	R_PIER48
554060.00	4181080.00	2.20E+00	1.8	SRCGP1	R_PIER48
554080.00	4181080.00	2.01E+00	1.8	SRCGP1	R_PIER48
554100.00	4181080.00	1.85E+00	1.8	SRCGP1	R_PIER48
554120.00	4181080.00	1.70E+00	1.8	SRCGP1	R_PIER48
554140.00	4181080.00	1.57E+00	1.8	SRCGP1	R_PIER48
554160.00	4181080.00	1.45E+00	1.8	SRCGP1	R_PIER48
553960.00	4181100.00	3.50E+00	1.8	SRCGP1	R_PIER48
553980.00	4181100.00	3.10E+00	1.8	SRCGP1	R_PIER48
554000.00	4181100.00	2.77E+00	1.8	SRCGP1	R_PIER48
554020.00	4181100.00	2.50E+00	1.8	SRCGP1	R_PIER48
554040.00	4181100.00	2.27E+00	1.8	SRCGP1	R_PIER48
554060.00	4181100.00	2.07E+00	1.8	SRCGP1	R_PIER48
554080.00	4181100.00	1.89E+00	1.8	SRCGP1	R_PIER48
554100.00	4181100.00	1.74E+00	1.8	SRCGP1	R_PIER48
554120.00	4181100.00	1.61E+00	1.8	SRCGP1	R_PIER48
554140.00	4181100.00	1.48E+00	1.8	SRCGP1	R_PIER48
554160.00	4181100.00	1.38E+00	1.8	SRCGP1	R_PIER48
553960.00	4181120.00	3.22E+00	1.8	SRCGP1	R_PIER48
553980.00	4181120.00	2.85E+00	1.8	SRCGP1	R_PIER48
554000.00	4181120.00	2.56E+00	1.8	SRCGP1	R_PIER48
554020.00	4181120.00	2.31E+00	1.8	SRCGP1	R_PIER48

554040.00	4181120.00	2.10E+00	1.8	SRCGP1	R_PIER48
554060.00	4181120.00	1.93E+00	1.8	SRCGP1	R_PIER48
554080.00	4181120.00	1.77E+00	1.8	SRCGP1	R_PIER48
554100.00	4181120.00	1.63E+00	1.8	SRCGP1	R_PIER48
554120.00	4181120.00	1.51E+00	1.8	SRCGP1	R_PIER48
554140.00	4181120.00	1.40E+00	1.8	SRCGP1	R_PIER48
553940.00	4181140.00	3.30E+00	1.8	SRCGP1	R_PIER48
553960.00	4181140.00	2.91E+00	1.8	SRCGP1	R_PIER48
553980.00	4181140.00	2.60E+00	1.8	SRCGP1	R_PIER48
554000.00	4181140.00	2.34E+00	1.8	SRCGP1	R_PIER48
554020.00	4181140.00	2.12E+00	1.8	SRCGP1	R_PIER48
554040.00	4181140.00	1.94E+00	1.8	SRCGP1	R_PIER48
554060.00	4181140.00	1.78E+00	1.8	SRCGP1	R_PIER48
554080.00	4181140.00	1.64E+00	1.8	SRCGP1	R_PIER48
554100.00	4181140.00	1.52E+00	1.8	SRCGP1	R_PIER48
554120.00	4181140.00	1.41E+00	1.8	SRCGP1	R_PIER48
554140.00	4181140.00	1.31E+00	1.8	SRCGP1	R_PIER48
554040.00	4181160.00	1.77E+00	1.8	SRCGP1	R_PIER48
554060.00	4181160.00	1.64E+00	1.8	SRCGP1	R_PIER48
554080.00	4181160.00	1.52E+00	1.8	SRCGP1	R_PIER48
554100.00	4181160.00	1.41E+00	1.8	SRCGP1	R_PIER48
554120.00	4181160.00	1.31E+00	1.8	SRCGP1	R_PIER48
554140.00	4181160.00	1.23E+00	1.8	SRCGP1	R_PIER48
553980.00	4180780.00	3.44E+00	1.8	SRCGP1	R_PIER50
553980.00	4180800.00	4.29E+00	1.8	SRCGP1	R_PIER50
553980.00	4180820.00	5.09E+00	1.8	SRCGP1	R_PIER50
553980.00	4180840.00	5.71E+00	1.8	SRCGP1	R_PIER50
553980.00	4180860.00	6.02E+00	1.8	SRCGP1	R_PIER50
553980.00	4180880.00	6.02E+00	1.8	SRCGP1	R_PIER50
553980.00	4180900.00	5.78E+00	1.8	SRCGP1	R_PIER50
553980.00	4180920.00	5.43E+00	1.8	SRCGP1	R_PIER50
553980.00	4180940.00	5.05E+00	1.8	SRCGP1	R_PIER50
553980.00	4180960.00	4.70E+00	1.8	SRCGP1	R_PIER50
554000.00	4180720.00	1.54E+00	1.8	SRCGP1	R_PIER50
554000.00	4180740.00	1.94E+00	1.8	SRCGP1	R_PIER50
554000.00	4180760.00	2.44E+00	1.8	SRCGP1	R_PIER50
554000.00	4180780.00	3.02E+00	1.8	SRCGP1	R_PIER50
554000.00	4180800.00	3.64E+00	1.8	SRCGP1	R_PIER50
554000.00	4180820.00	4.21E+00	1.8	SRCGP1	R_PIER50
554000.00	4180840.00	4.65E+00	1.8	SRCGP1	R_PIER50
554000.00	4180860.00	4.89E+00	1.8	SRCGP1	R_PIER50
554000.00	4180880.00	4.94E+00	1.8	SRCGP1	R_PIER50
554000.00	4180900.00	4.83E+00	1.8	SRCGP1	R_PIER50
554000.00	4180920.00	4.63E+00	1.8	SRCGP1	R_PIER50
554000.00	4180940.00	4.39E+00	1.8	SRCGP1	R_PIER50
554000.00	4180960.00	4.14E+00	1.8	SRCGP1	R_PIER50
554020.00	4180840.00	3.88E+00	1.8	SRCGP1	R_PIER50



554020.00	4180860.00	4.08E+00	1.8	SRCGP1	R_PIER50
554020.00	4180880.00	4.15E+00	1.8	SRCGP1	R_PIER50
554020.00	4180900.00	4.11E+00	1.8	SRCGP1	R_PIER50
554020.00	4180920.00	3.99E+00	1.8	SRCGP1	R_PIER50
554020.00	4180940.00	3.84E+00	1.8	SRCGP1	R_PIER50
554020.00	4180960.00	3.66E+00	1.8	SRCGP1	R_PIER50
554040.00	4180840.00	3.31E+00	1.8	SRCGP1	R_PIER50
554040.00	4180860.00	3.47E+00	1.8	SRCGP1	R_PIER50
554040.00	4180880.00	3.55E+00	1.8	SRCGP1	R_PIER50
554040.00	4180900.00	3.54E+00	1.8	SRCGP1	R_PIER50
554040.00	4180920.00	3.48E+00	1.8	SRCGP1	R_PIER50
554040.00	4180940.00	3.38E+00	1.8	SRCGP1	R_PIER50
554040.00	4180960.00	3.25E+00	1.8	SRCGP1	R_PIER50
554060.00	4180840.00	2.86E+00	1.8	SRCGP1	R_PIER50
554060.00	4180860.00	3.00E+00	1.8	SRCGP1	R_PIER50
554060.00	4180880.00	3.08E+00	1.8	SRCGP1	R_PIER50
554060.00	4180900.00	3.09E+00	1.8	SRCGP1	R_PIER50
554060.00	4180920.00	3.06E+00	1.8	SRCGP1	R_PIER50
554060.00	4180940.00	2.99E+00	1.8	SRCGP1	R_PIER50
554060.00	4180960.00	2.90E+00	1.8	SRCGP1	R_PIER50
554080.00	4180840.00	2.51E+00	1.8	SRCGP1	R_PIER50
554080.00	4180860.00	2.63E+00	1.8	SRCGP1	R_PIER50
554080.00	4180880.00	2.70E+00	1.8	SRCGP1	R_PIER50
554080.00	4180900.00	2.72E+00	1.8	SRCGP1	R_PIER50
554080.00	4180920.00	2.71E+00	1.8	SRCGP1	R_PIER50
554080.00	4180940.00	2.67E+00	1.8	SRCGP1	R_PIER50
554080.00	4180960.00	2.60E+00	1.8	SRCGP1	R_PIER50
554100.00	4180840.00	2.23E+00	1.8	SRCGP1	R_PIER50
554100.00	4180860.00	2.33E+00	1.8	SRCGP1	R_PIER50
554100.00	4180880.00	2.39E+00	1.8	SRCGP1	R_PIER50
554100.00	4180900.00	2.42E+00	1.8	SRCGP1	R_PIER50
554100.00	4180920.00	2.42E+00	1.8	SRCGP1	R_PIER50
554100.00	4180940.00	2.39E+00	1.8	SRCGP1	R_PIER50
554100.00	4180960.00	2.34E+00	1.8	SRCGP1	R_PIER50
554120.00	4180840.00	1.99E+00	1.8	SRCGP1	R_PIER50
554120.00	4180860.00	2.08E+00	1.8	SRCGP1	R_PIER50
554120.00	4180880.00	2.14E+00	1.8	SRCGP1	R_PIER50
554120.00	4180900.00	2.17E+00	1.8	SRCGP1	R_PIER50
554120.00	4180920.00	2.17E+00	1.8	SRCGP1	R_PIER50
554120.00	4180940.00	2.16E+00	1.8	SRCGP1	R_PIER50
554120.00	4180960.00	2.12E+00	1.8	SRCGP1	R_PIER50
554140.00	4180840.00	1.80E+00	1.8	SRCGP1	R_PIER50
554140.00	4180860.00	1.87E+00	1.8	SRCGP1	R_PIER50
554140.00	4180880.00	1.92E+00	1.8	SRCGP1	R_PIER50
554140.00	4180900.00	1.95E+00	1.8	SRCGP1	R_PIER50
554140.00	4180920.00	1.96E+00	1.8	SRCGP1	R_PIER50
554140.00	4180940.00	1.95E+00	1.8	SRCGP1	R_PIER50

554140.00	4180960.00	1.93E+00	1.8	SRCGP1	R_PIER50
554160.00	4180840.00	1.63E+00	1.8	SRCGP1	R_PIER50
554160.00	4180860.00	1.69E+00	1.8	SRCGP1	R_PIER50
554160.00	4180880.00	1.74E+00	1.8	SRCGP1	R_PIER50
554160.00	4180900.00	1.77E+00	1.8	SRCGP1	R_PIER50
554160.00	4180920.00	1.78E+00	1.8	SRCGP1	R_PIER50
554160.00	4180940.00	1.78E+00	1.8	SRCGP1	R_PIER50
554160.00	4180960.00	1.76E+00	1.8	SRCGP1	R_PIER50
554180.00	4180840.00	1.48E+00	1.8	SRCGP1	R_PIER50
554180.00	4180860.00	1.54E+00	1.8	SRCGP1	R_PIER50
554180.00	4180880.00	1.59E+00	1.8	SRCGP1	R_PIER50
554180.00	4180900.00	1.61E+00	1.8	SRCGP1	R_PIER50
554180.00	4180920.00	1.63E+00	1.8	SRCGP1	R_PIER50
554180.00	4180940.00	1.62E+00	1.8	SRCGP1	R_PIER50
554180.00	4180960.00	1.61E+00	1.8	SRCGP1	R_PIER50
554200.00	4180840.00	1.36E+00	1.8	SRCGP1	R_PIER50
554200.00	4180860.00	1.41E+00	1.8	SRCGP1	R_PIER50
554200.00	4180880.00	1.45E+00	1.8	SRCGP1	R_PIER50
554200.00	4180900.00	1.48E+00	1.8	SRCGP1	R_PIER50
554200.00	4180920.00	1.49E+00	1.8	SRCGP1	R_PIER50
554200.00	4180940.00	1.49E+00	1.8	SRCGP1	R_PIER50
554200.00	4180960.00	1.48E+00	1.8	SRCGP1	R_PIER50
554220.00	4180840.00	1.25E+00	1.8	SRCGP1	R_PIER50
554220.00	4180860.00	1.30E+00	1.8	SRCGP1	R_PIER50
554220.00	4180880.00	1.33E+00	1.8	SRCGP1	R_PIER50
554220.00	4180900.00	1.36E+00	1.8	SRCGP1	R_PIER50
554220.00	4180920.00	1.37E+00	1.8	SRCGP1	R_PIER50
554220.00	4180940.00	1.37E+00	1.8	SRCGP1	R_PIER50
554220.00	4180960.00	1.36E+00	1.8	SRCGP1	R_PIER50
554240.00	4180820.00	1.11E+00	1.8	SRCGP1	R_PIER50
554240.00	4180840.00	1.16E+00	1.8	SRCGP1	R_PIER50
554240.00	4180860.00	1.20E+00	1.8	SRCGP1	R_PIER50
554240.00	4180880.00	1.23E+00	1.8	SRCGP1	R_PIER50
554240.00	4180900.00	1.25E+00	1.8	SRCGP1	R_PIER50
554240.00	4180920.00	1.26E+00	1.8	SRCGP1	R_PIER50
554240.00	4180940.00	1.27E+00	1.8	SRCGP1	R_PIER50
554240.00	4180960.00	1.26E+00	1.8	SRCGP1	R_PIER50
554260.00	4180820.00	1.03E+00	1.8	SRCGP1	R_PIER50
554260.00	4180840.00	1.07E+00	1.8	SRCGP1	R_PIER50
554260.00	4180860.00	1.11E+00	1.8	SRCGP1	R_PIER50
554260.00	4180880.00	1.14E+00	1.8	SRCGP1	R_PIER50
554260.00	4180900.00	1.16E+00	1.8	SRCGP1	R_PIER50
554260.00	4180920.00	1.17E+00	1.8	SRCGP1	R_PIER50
554260.00	4180940.00	1.17E+00	1.8	SRCGP1	R_PIER50
554260.00	4180960.00	1.17E+00	1.8	SRCGP1	R_PIER50
554280.00	4180800.00	9.14E-01	1.8	SRCGP1	R_PIER50
554280.00	4180820.00	9.59E-01	1.8	SRCGP1	R_PIER50

554280.00	4180840.00	9.99E-01	1.8	SRCGP1	R_PIER50
554280.00	4180860.00	1.03E+00	1.8	SRCGP1	R_PIER50
554280.00	4180880.00	1.06E+00	1.8	SRCGP1	R_PIER50
554280.00	4180900.00	1.07E+00	1.8	SRCGP1	R_PIER50
554280.00	4180920.00	1.09E+00	1.8	SRCGP1	R_PIER50
554280.00	4180940.00	1.09E+00	1.8	SRCGP1	R_PIER50
554280.00	4180960.00	1.08E+00	1.8	SRCGP1	R_PIER50
554300.00	4180780.00	8.12E-01	1.8	SRCGP1	R_PIER50
554300.00	4180800.00	8.56E-01	1.8	SRCGP1	R_PIER50
554300.00	4180820.00	8.97E-01	1.8	SRCGP1	R_PIER50
554300.00	4180840.00	9.32E-01	1.8	SRCGP1	R_PIER50
554300.00	4180860.00	9.61E-01	1.8	SRCGP1	R_PIER50
554300.00	4180880.00	9.84E-01	1.8	SRCGP1	R_PIER50
554300.00	4180900.00	1.00E+00	1.8	SRCGP1	R_PIER50
554300.00	4180920.00	1.01E+00	1.8	SRCGP1	R_PIER50
554300.00	4180940.00	1.01E+00	1.8	SRCGP1	R_PIER50
554300.00	4180960.00	1.01E+00	1.8	SRCGP1	R_PIER50
554320.00	4180780.00	7.64E-01	1.8	SRCGP1	R_PIER50
554320.00	4180800.00	8.04E-01	1.8	SRCGP1	R_PIER50
554320.00	4180820.00	8.40E-01	1.8	SRCGP1	R_PIER50
554320.00	4180840.00	8.71E-01	1.8	SRCGP1	R_PIER50
554320.00	4180860.00	8.98E-01	1.8	SRCGP1	R_PIER50
554320.00	4180880.00	9.18E-01	1.8	SRCGP1	R_PIER50
554320.00	4180900.00	9.33E-01	1.8	SRCGP1	R_PIER50
554320.00	4180920.00	9.43E-01	1.8	SRCGP1	R_PIER50
554320.00	4180940.00	9.46E-01	1.8	SRCGP1	R_PIER50
554320.00	4180960.00	9.44E-01	1.8	SRCGP1	R_PIER50
554340.00	4180760.00	6.82E-01	1.8	SRCGP1	R_PIER50
554340.00	4180780.00	7.21E-01	1.8	SRCGP1	R_PIER50
554340.00	4180800.00	7.56E-01	1.8	SRCGP1	R_PIER50
554340.00	4180820.00	7.89E-01	1.8	SRCGP1	R_PIER50
554340.00	4180840.00	8.17E-01	1.8	SRCGP1	R_PIER50
554340.00	4180860.00	8.40E-01	1.8	SRCGP1	R_PIER50
554340.00	4180880.00	8.59E-01	1.8	SRCGP1	R_PIER50
554340.00	4180900.00	8.73E-01	1.8	SRCGP1	R_PIER50
554340.00	4180920.00	8.82E-01	1.8	SRCGP1	R_PIER50
554340.00	4180940.00	8.85E-01	1.8	SRCGP1	R_PIER50
554340.00	4180960.00	8.84E-01	1.8	SRCGP1	R_PIER50
554360.00	4180760.00	6.46E-01	1.8	SRCGP1	R_PIER50
554360.00	4180780.00	6.81E-01	1.8	SRCGP1	R_PIER50
554360.00	4180800.00	7.13E-01	1.8	SRCGP1	R_PIER50
554360.00	4180820.00	7.42E-01	1.8	SRCGP1	R_PIER50
554360.00	4180840.00	7.67E-01	1.8	SRCGP1	R_PIER50
554360.00	4180860.00	7.89E-01	1.8	SRCGP1	R_PIER50
554360.00	4180880.00	8.06E-01	1.8	SRCGP1	R_PIER50
554360.00	4180900.00	8.18E-01	1.8	SRCGP1	R_PIER50
554360.00	4180920.00	8.26E-01	1.8	SRCGP1	R_PIER50

554360.00	4180940.00	8.30E-01	1.8	SRCGP1	R_PIER50
554360.00	4180960.00	8.29E-01	1.8	SRCGP1	R_PIER50
554380.00	4180740.00	5.80E-01	1.8	SRCGP1	R_PIER50
554380.00	4180760.00	6.13E-01	1.8	SRCGP1	R_PIER50
554380.00	4180780.00	6.44E-01	1.8	SRCGP1	R_PIER50
554380.00	4180800.00	6.73E-01	1.8	SRCGP1	R_PIER50
554380.00	4180820.00	7.00E-01	1.8	SRCGP1	R_PIER50
554380.00	4180840.00	7.22E-01	1.8	SRCGP1	R_PIER50
554380.00	4180860.00	7.42E-01	1.8	SRCGP1	R_PIER50
554380.00	4180880.00	7.57E-01	1.8	SRCGP1	R_PIER50
554380.00	4180900.00	7.69E-01	1.8	SRCGP1	R_PIER50
554380.00	4180920.00	7.76E-01	1.8	SRCGP1	R_PIER50
554380.00	4180940.00	7.79E-01	1.8	SRCGP1	R_PIER50
554380.00	4180960.00	7.79E-01	1.8	SRCGP1	R_PIER50
554400.00	4180740.00	5.52E-01	1.8	SRCGP1	R_PIER50
554400.00	4180760.00	5.82E-01	1.8	SRCGP1	R_PIER50
554400.00	4180780.00	6.11E-01	1.8	SRCGP1	R_PIER50
554400.00	4180800.00	6.37E-01	1.8	SRCGP1	R_PIER50
554400.00	4180820.00	6.61E-01	1.8	SRCGP1	R_PIER50
554400.00	4180840.00	6.81E-01	1.8	SRCGP1	R_PIER50
554400.00	4180860.00	6.99E-01	1.8	SRCGP1	R_PIER50
554400.00	4180880.00	7.13E-01	1.8	SRCGP1	R_PIER50
554400.00	4180900.00	7.24E-01	1.8	SRCGP1	R_PIER50
554400.00	4180920.00	7.30E-01	1.8	SRCGP1	R_PIER50
554400.00	4180940.00	7.34E-01	1.8	SRCGP1	R_PIER50
554400.00	4180960.00	7.33E-01	1.8	SRCGP1	R_PIER50
554420.00	4180720.00	4.98E-01	1.8	SRCGP1	R_PIER50
554420.00	4180740.00	5.26E-01	1.8	SRCGP1	R_PIER50
554420.00	4180760.00	5.54E-01	1.8	SRCGP1	R_PIER50
554420.00	4180780.00	5.80E-01	1.8	SRCGP1	R_PIER50
554420.00	4180800.00	6.03E-01	1.8	SRCGP1	R_PIER50
554420.00	4180820.00	6.25E-01	1.8	SRCGP1	R_PIER50
554420.00	4180840.00	6.44E-01	1.8	SRCGP1	R_PIER50
554420.00	4180860.00	6.60E-01	1.8	SRCGP1	R_PIER50
554420.00	4180880.00	6.73E-01	1.8	SRCGP1	R_PIER50
554420.00	4180900.00	6.82E-01	1.8	SRCGP1	R_PIER50
554420.00	4180920.00	6.89E-01	1.8	SRCGP1	R_PIER50
554420.00	4180940.00	6.92E-01	1.8	SRCGP1	R_PIER50
554420.00	4180960.00	6.91E-01	1.8	SRCGP1	R_PIER50
554440.00	4180720.00	4.76E-01	1.8	SRCGP1	R_PIER50
554440.00	4180740.00	5.02E-01	1.8	SRCGP1	R_PIER50
554440.00	4180760.00	5.27E-01	1.8	SRCGP1	R_PIER50
554440.00	4180780.00	5.51E-01	1.8	SRCGP1	R_PIER50
554440.00	4180800.00	5.73E-01	1.8	SRCGP1	R_PIER50
554440.00	4180820.00	5.92E-01	1.8	SRCGP1	R_PIER50
554440.00	4180840.00	6.09E-01	1.8	SRCGP1	R_PIER50
554440.00	4180860.00	6.24E-01	1.8	SRCGP1	R_PIER50

554440.00	4180880.00	6.36E-01	1.8	SRCGP1	R_PIER50
554440.00	4180900.00	6.44E-01	1.8	SRCGP1	R_PIER50
554440.00	4180920.00	6.50E-01	1.8	SRCGP1	R_PIER50
554440.00	4180940.00	6.53E-01	1.8	SRCGP1	R_PIER50
554440.00	4180960.00	6.53E-01	1.8	SRCGP1	R_PIER50
553680.00	4180480.00	4.80E-01	1.8	SRCGP1	Sensitive
553360.00	4181000.00	7.65E-01	1.8	SRCGP1	Sensitive
553160.00	4180800.00	4.53E-01	1.8	SRCGP1	Sensitive
552940.00	4180980.00	2.22E-01	1.8	SRCGP1	Sensitive
553440.00	4180240.00	2.18E-01	1.8	SRCGP1	Sensitive
553920.00	4180800.00	7.80E+00	1.8	SRCGP1	Sensitive
553400.00	4180440.00	3.97E-01	1.8	SRCGP1	Sensitive
553920.00	4180000.00	8.37E-02	1.8	SRCGP1	Sensitive
553560.00	4180360.00	3.11E-01	1.8	SRCGP1	Sensitive
553360.00	4180340.00	2.84E-01	1.8	SRCGP1	Sensitive
553160.00	4181180.00	2.82E-01	1.8	SRCGP1	Sensitive



**Annual Average Concentration at Each Receptor Location: Mission Rock Construction Scenario - Source Group**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	2.56E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180540.00	2.71E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180560.00	2.87E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180580.00	3.05E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180600.00	3.24E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180620.00	3.45E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180640.00	3.68E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180660.00	3.93E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180720.00	4.82E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180740.00	5.18E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180760.00	5.56E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180780.00	5.97E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180800.00	6.41E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180840.00	7.36E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180860.00	7.86E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180880.00	8.37E-01	1.8	SRCGP2	OFF_SITE
553440.00	4180900.00	8.86E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181020.00	1.08E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181040.00	1.08E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181060.00	1.08E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181080.00	1.06E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181160.00	9.29E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181180.00	8.86E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181200.00	8.42E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181220.00	7.98E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181240.00	7.55E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181260.00	7.13E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181300.00	6.37E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181320.00	6.02E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181340.00	5.69E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181360.00	5.39E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181380.00	5.09E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181400.00	4.82E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181420.00	4.56E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181440.00	4.32E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181460.00	4.09E-01	1.8	SRCGP2	OFF_SITE
553440.00	4181480.00	3.88E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180520.00	2.57E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180540.00	2.72E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180560.00	2.89E-01	1.8	SRCGP2	OFF_SITE

553460.00	4180580.00	3.07E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180600.00	3.27E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180620.00	3.48E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180640.00	3.72E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180660.00	3.98E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180700.00	4.57E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180740.00	5.28E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180760.00	5.69E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180780.00	6.13E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180800.00	6.61E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180820.00	7.12E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180860.00	8.23E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180880.00	8.80E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180900.00	9.38E-01	1.8	SRCGP2	OFF_SITE
553460.00	4180920.00	9.94E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181040.00	1.20E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181060.00	1.19E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181120.00	1.12E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181140.00	1.08E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181180.00	9.82E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181200.00	9.30E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181220.00	8.78E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181240.00	8.28E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181260.00	7.79E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181280.00	7.34E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181320.00	6.50E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181340.00	6.12E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181360.00	5.77E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181380.00	5.43E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181400.00	5.12E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181420.00	4.83E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181440.00	4.56E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181460.00	4.30E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181500.00	3.84E-01	1.8	SRCGP2	OFF_SITE
553460.00	4181520.00	3.63E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180520.00	2.58E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180540.00	2.74E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180560.00	2.90E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180580.00	3.09E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180600.00	3.29E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180620.00	3.51E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180640.00	3.75E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180660.00	4.02E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180700.00	4.64E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180720.00	4.99E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180760.00	5.82E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180780.00	6.29E-01	1.8	SRCGP2	OFF_SITE



553480.00	4180800.00	6.81E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180820.00	7.37E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180840.00	7.96E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180880.00	9.26E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180900.00	9.93E-01	1.8	SRCGP2	OFF_SITE
553480.00	4180920.00	1.06E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180940.00	1.12E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180960.00	1.18E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181040.00	1.32E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181080.00	1.32E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181100.00	1.29E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181120.00	1.25E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181140.00	1.21E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181160.00	1.15E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181200.00	1.03E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181220.00	9.73E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181240.00	9.13E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181260.00	8.55E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181280.00	8.01E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181300.00	7.51E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181340.00	6.59E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181360.00	6.18E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181380.00	5.80E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181400.00	5.45E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181420.00	5.12E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181440.00	4.81E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181480.00	4.26E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181500.00	4.01E-01	1.8	SRCGP2	OFF_SITE
553480.00	4181520.00	3.78E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180520.00	2.59E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180540.00	2.74E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180560.00	2.91E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180580.00	3.10E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180600.00	3.31E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180620.00	3.53E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180640.00	3.78E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180660.00	4.06E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180700.00	4.70E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180720.00	5.07E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180740.00	5.48E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180780.00	6.44E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180800.00	7.00E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180820.00	7.61E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180840.00	8.26E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180860.00	8.97E-01	1.8	SRCGP2	OFF_SITE
553500.00	4180900.00	1.05E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180920.00	1.13E+00	1.8	SRCGP2	OFF_SITE

553500.00	4180940.00	1.21E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180960.00	1.28E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180980.00	1.34E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181000.00	1.40E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181060.00	1.49E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181080.00	1.48E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181100.00	1.46E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181120.00	1.42E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181140.00	1.36E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181160.00	1.30E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181180.00	1.23E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181220.00	1.08E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181240.00	1.01E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181260.00	9.43E-01	1.8	SRCGP2	OFF_SITE
553500.00	4181280.00	8.79E-01	1.8	SRCGP2	OFF_SITE
553500.00	4181300.00	8.19E-01	1.8	SRCGP2	OFF_SITE
553500.00	4181320.00	7.63E-01	1.8	SRCGP2	OFF_SITE
553500.00	4181360.00	6.64E-01	1.8	SRCGP2	OFF_SITE
553500.00	4181380.00	6.20E-01	1.8	SRCGP2	OFF_SITE
553500.00	4181400.00	5.80E-01	1.8	SRCGP2	OFF_SITE
553500.00	4181420.00	5.42E-01	1.8	SRCGP2	OFF_SITE
553500.00	4181460.00	4.76E-01	1.8	SRCGP2	OFF_SITE
553500.00	4181480.00	4.46E-01	1.8	SRCGP2	OFF_SITE
553500.00	4181500.00	4.19E-01	1.8	SRCGP2	OFF_SITE
553500.00	4181520.00	3.94E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180520.00	2.59E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180540.00	2.75E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180560.00	2.92E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180580.00	3.11E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180600.00	3.32E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180620.00	3.55E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180640.00	3.81E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180660.00	4.09E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180700.00	4.75E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180720.00	5.14E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180740.00	5.57E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180760.00	6.05E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180800.00	7.18E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180820.00	7.84E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180840.00	8.56E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180860.00	9.34E-01	1.8	SRCGP2	OFF_SITE
553520.00	4180880.00	1.02E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180920.00	1.20E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180940.00	1.29E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180960.00	1.38E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180980.00	1.47E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181000.00	1.54E+00	1.8	SRCGP2	OFF_SITE

553520.00	4181080.00	1.67E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181100.00	1.65E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181120.00	1.61E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181140.00	1.55E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181160.00	1.48E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181180.00	1.39E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181200.00	1.31E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181240.00	1.13E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181260.00	1.05E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181280.00	9.68E-01	1.8	SRCGP2	OFF_SITE
553520.00	4181300.00	8.96E-01	1.8	SRCGP2	OFF_SITE
553520.00	4181320.00	8.30E-01	1.8	SRCGP2	OFF_SITE
553520.00	4181340.00	7.70E-01	1.8	SRCGP2	OFF_SITE
553520.00	4181380.00	6.63E-01	1.8	SRCGP2	OFF_SITE
553520.00	4181400.00	6.17E-01	1.8	SRCGP2	OFF_SITE
553520.00	4181440.00	5.36E-01	1.8	SRCGP2	OFF_SITE
553520.00	4181460.00	5.00E-01	1.8	SRCGP2	OFF_SITE
553520.00	4181480.00	4.67E-01	1.8	SRCGP2	OFF_SITE
553520.00	4181500.00	4.37E-01	1.8	SRCGP2	OFF_SITE
553520.00	4181520.00	4.09E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180520.00	2.59E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180540.00	2.75E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180560.00	2.92E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180580.00	3.12E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180600.00	3.33E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180620.00	3.57E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180640.00	3.83E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180660.00	4.12E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180700.00	4.80E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180720.00	5.20E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180740.00	5.65E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180760.00	6.16E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180780.00	6.72E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180820.00	8.06E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180840.00	8.85E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180860.00	9.71E-01	1.8	SRCGP2	OFF_SITE
553540.00	4180880.00	1.07E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180900.00	1.17E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180940.00	1.39E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180960.00	1.50E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180980.00	1.60E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181100.00	1.89E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181120.00	1.85E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181140.00	1.78E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181160.00	1.69E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181180.00	1.59E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181200.00	1.48E+00	1.8	SRCGP2	OFF_SITE

553540.00	4181220.00	1.37E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181260.00	1.16E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181280.00	1.07E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181300.00	9.84E-01	1.8	SRCGP2	OFF_SITE
553540.00	4181320.00	9.05E-01	1.8	SRCGP2	OFF_SITE
553540.00	4181340.00	8.33E-01	1.8	SRCGP2	OFF_SITE
553540.00	4181360.00	7.69E-01	1.8	SRCGP2	OFF_SITE
553540.00	4181420.00	6.09E-01	1.8	SRCGP2	OFF_SITE
553540.00	4181440.00	5.65E-01	1.8	SRCGP2	OFF_SITE
553540.00	4181460.00	5.25E-01	1.8	SRCGP2	OFF_SITE
553540.00	4181480.00	4.88E-01	1.8	SRCGP2	OFF_SITE
553540.00	4181500.00	4.55E-01	1.8	SRCGP2	OFF_SITE
553540.00	4181520.00	4.25E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180520.00	2.58E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180540.00	2.74E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180560.00	2.92E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180580.00	3.12E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180600.00	3.33E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180620.00	3.57E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180640.00	3.84E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180660.00	4.14E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180700.00	4.84E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180720.00	5.25E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180740.00	5.72E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180760.00	6.25E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180780.00	6.85E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180800.00	7.52E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180840.00	9.12E-01	1.8	SRCGP2	OFF_SITE
553560.00	4180860.00	1.01E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180880.00	1.11E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180900.00	1.23E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180920.00	1.35E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181000.00	1.87E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181020.00	1.98E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181120.00	2.14E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181140.00	2.07E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181160.00	1.97E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181180.00	1.84E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181200.00	1.71E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181220.00	1.57E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181240.00	1.43E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181280.00	1.19E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181300.00	1.08E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181320.00	9.89E-01	1.8	SRCGP2	OFF_SITE
553560.00	4181340.00	9.04E-01	1.8	SRCGP2	OFF_SITE
553560.00	4181420.00	6.44E-01	1.8	SRCGP2	OFF_SITE
553560.00	4181440.00	5.95E-01	1.8	SRCGP2	OFF_SITE

553560.00	4181460.00	5.50E-01	1.8	SRCGP2	OFF_SITE
553560.00	4181480.00	5.10E-01	1.8	SRCGP2	OFF_SITE
553560.00	4181500.00	4.73E-01	1.8	SRCGP2	OFF_SITE
553560.00	4181520.00	4.40E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180520.00	2.57E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180540.00	2.74E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180560.00	2.92E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180580.00	3.11E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180600.00	3.33E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180620.00	3.58E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180640.00	3.85E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180660.00	4.15E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180700.00	4.87E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180720.00	5.29E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180740.00	5.78E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180760.00	6.33E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180780.00	6.95E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180800.00	7.66E-01	1.8	SRCGP2	OFF_SITE
553580.00	4180820.00	8.46E-01	1.8	SRCGP2	OFF_SITE
553580.00	4181000.00	2.07E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181020.00	2.22E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181040.00	2.35E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181140.00	2.43E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181160.00	2.31E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181180.00	2.16E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181200.00	1.98E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181220.00	1.81E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181240.00	1.63E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181260.00	1.47E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181300.00	1.20E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181320.00	1.08E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181440.00	6.26E-01	1.8	SRCGP2	OFF_SITE
553580.00	4181460.00	5.76E-01	1.8	SRCGP2	OFF_SITE
553580.00	4181480.00	5.31E-01	1.8	SRCGP2	OFF_SITE
553580.00	4181500.00	4.91E-01	1.8	SRCGP2	OFF_SITE
553580.00	4181520.00	4.55E-01	1.8	SRCGP2	OFF_SITE
553600.00	4180800.00	7.78E-01	1.8	SRCGP2	OFF_SITE
553600.00	4180820.00	8.63E-01	1.8	SRCGP2	OFF_SITE
553600.00	4180840.00	9.61E-01	1.8	SRCGP2	OFF_SITE
553600.00	4180860.00	1.07E+00	1.8	SRCGP2	OFF_SITE
553600.00	4180900.00	1.35E+00	1.8	SRCGP2	OFF_SITE
553600.00	4180920.00	1.51E+00	1.8	SRCGP2	OFF_SITE
553600.00	4180940.00	1.69E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181000.00	2.29E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181020.00	2.48E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181040.00	2.66E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181060.00	2.81E+00	1.8	SRCGP2	OFF_SITE

553600.00	4181160.00	2.76E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181180.00	2.57E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181200.00	2.34E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181220.00	2.11E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181240.00	1.88E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181260.00	1.67E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181280.00	1.49E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181460.00	6.01E-01	1.8	SRCGP2	OFF_SITE
553600.00	4181480.00	5.52E-01	1.8	SRCGP2	OFF_SITE
553600.00	4181500.00	5.08E-01	1.8	SRCGP2	OFF_SITE
553600.00	4181520.00	4.69E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180520.00	2.54E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180540.00	2.70E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180560.00	2.89E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180600.00	3.31E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180620.00	3.55E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180640.00	3.83E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180660.00	4.14E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180700.00	4.88E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180720.00	5.33E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180740.00	5.84E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180760.00	6.43E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180780.00	7.10E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180800.00	7.88E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180820.00	8.77E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180840.00	9.81E-01	1.8	SRCGP2	OFF_SITE
553620.00	4180860.00	1.10E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180900.00	1.40E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180920.00	1.59E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180940.00	1.79E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181000.00	2.53E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181020.00	2.79E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181040.00	3.03E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181060.00	3.24E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181080.00	3.42E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181180.00	3.12E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181200.00	2.81E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181220.00	2.49E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181240.00	2.18E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181260.00	1.91E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181280.00	1.67E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181480.00	5.72E-01	1.8	SRCGP2	OFF_SITE
553620.00	4181500.00	5.24E-01	1.8	SRCGP2	OFF_SITE
553620.00	4181520.00	4.82E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180520.00	2.52E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180540.00	2.68E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180560.00	2.86E-01	1.8	SRCGP2	OFF_SITE

553640.00	4180600.00	3.28E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180620.00	3.53E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180640.00	3.81E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180660.00	4.12E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180700.00	4.87E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180720.00	5.33E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180740.00	5.85E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180760.00	6.45E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180780.00	7.14E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180800.00	7.94E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180820.00	8.88E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180840.00	9.97E-01	1.8	SRCGP2	OFF_SITE
553640.00	4180860.00	1.13E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180900.00	1.45E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180920.00	1.66E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180940.00	1.90E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181000.00	2.80E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181020.00	3.13E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181040.00	3.46E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181060.00	3.76E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181080.00	4.03E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181100.00	4.24E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181200.00	3.45E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181220.00	2.99E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181240.00	2.57E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181260.00	2.20E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181500.00	5.39E-01	1.8	SRCGP2	OFF_SITE
553640.00	4181520.00	4.94E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180520.00	2.49E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180540.00	2.65E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180560.00	2.83E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180600.00	3.25E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180620.00	3.50E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180640.00	3.78E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180660.00	4.09E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180700.00	4.85E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180720.00	5.31E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180740.00	5.83E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180760.00	6.44E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180780.00	7.15E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180800.00	7.98E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180820.00	8.94E-01	1.8	SRCGP2	OFF_SITE
553660.00	4180840.00	1.01E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180860.00	1.14E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180900.00	1.50E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180920.00	1.73E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180940.00	2.00E+00	1.8	SRCGP2	OFF_SITE

553660.00	4181000.00	3.09E+00	1.8	SRCGP2	OFF_SITE
553660.00	4181020.00	3.52E+00	1.8	SRCGP2	OFF_SITE
553660.00	4181040.00	3.96E+00	1.8	SRCGP2	OFF_SITE
553660.00	4181060.00	4.38E+00	1.8	SRCGP2	OFF_SITE
553660.00	4181080.00	4.78E+00	1.8	SRCGP2	OFF_SITE
553660.00	4181100.00	5.13E+00	1.8	SRCGP2	OFF_SITE
553660.00	4181120.00	5.40E+00	1.8	SRCGP2	OFF_SITE
553660.00	4181220.00	3.68E+00	1.8	SRCGP2	OFF_SITE
553660.00	4181240.00	3.05E+00	1.8	SRCGP2	OFF_SITE
553660.00	4181520.00	5.04E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180520.00	2.45E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180540.00	2.62E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180560.00	2.80E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180600.00	3.21E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180620.00	3.46E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180640.00	3.74E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180660.00	4.05E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180700.00	4.81E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180720.00	5.27E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180740.00	5.80E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180760.00	6.41E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180780.00	7.13E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180800.00	7.97E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180820.00	8.97E-01	1.8	SRCGP2	OFF_SITE
553680.00	4180840.00	1.01E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180860.00	1.16E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180900.00	1.53E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180920.00	1.78E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180940.00	2.09E+00	1.8	SRCGP2	OFF_SITE
553680.00	4181000.00	3.40E+00	1.8	SRCGP2	OFF_SITE
553680.00	4181020.00	3.96E+00	1.8	SRCGP2	OFF_SITE
553680.00	4181040.00	4.56E+00	1.8	SRCGP2	OFF_SITE
553680.00	4181060.00	5.15E+00	1.8	SRCGP2	OFF_SITE
553680.00	4181080.00	5.71E+00	1.8	SRCGP2	OFF_SITE
553680.00	4181100.00	6.25E+00	1.8	SRCGP2	OFF_SITE
553680.00	4181120.00	6.76E+00	1.8	SRCGP2	OFF_SITE
553680.00	4181140.00	7.18E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180520.00	2.42E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180540.00	2.58E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180560.00	2.75E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180600.00	3.17E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180620.00	3.41E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180640.00	3.69E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180660.00	4.00E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180700.00	4.75E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180720.00	5.21E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180740.00	5.74E-01	1.8	SRCGP2	OFF_SITE



553700.00	4180760.00	6.36E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180780.00	7.08E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180800.00	7.93E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180820.00	8.94E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180840.00	1.02E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180860.00	1.16E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180900.00	1.56E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180920.00	1.83E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180940.00	2.16E+00	1.8	SRCGP2	OFF_SITE
553700.00	4181000.00	3.72E+00	1.8	SRCGP2	OFF_SITE
553700.00	4181020.00	4.45E+00	1.8	SRCGP2	OFF_SITE
553700.00	4181040.00	5.26E+00	1.8	SRCGP2	OFF_SITE
553700.00	4181060.00	6.09E+00	1.8	SRCGP2	OFF_SITE
553700.00	4181080.00	6.90E+00	1.8	SRCGP2	OFF_SITE
553700.00	4181100.00	7.69E+00	1.8	SRCGP2	OFF_SITE
553700.00	4181120.00	8.53E+00	1.8	SRCGP2	OFF_SITE
553700.00	4181140.00	9.49E+00	1.8	SRCGP2	OFF_SITE
553720.00	4180520.00	2.37E-01	1.8	SRCGP2	OFF_SITE
553720.00	4180540.00	2.53E-01	1.8	SRCGP2	OFF_SITE
553720.00	4180560.00	2.71E-01	1.8	SRCGP2	OFF_SITE
553720.00	4180600.00	3.11E-01	1.8	SRCGP2	OFF_SITE
553720.00	4180620.00	3.36E-01	1.8	SRCGP2	OFF_SITE
553720.00	4180640.00	3.63E-01	1.8	SRCGP2	OFF_SITE
553720.00	4180660.00	3.93E-01	1.8	SRCGP2	OFF_SITE
553740.00	4180520.00	2.33E-01	1.8	SRCGP2	OFF_SITE
553740.00	4180540.00	2.48E-01	1.8	SRCGP2	OFF_SITE
553740.00	4180560.00	2.65E-01	1.8	SRCGP2	OFF_SITE
553760.00	4180620.00	3.22E-01	1.8	SRCGP2	OFF_SITE
553760.00	4180640.00	3.48E-01	1.8	SRCGP2	OFF_SITE
553760.00	4180660.00	3.77E-01	1.8	SRCGP2	OFF_SITE
553760.00	4180680.00	4.11E-01	1.8	SRCGP2	OFF_SITE
553760.00	4180720.00	4.93E-01	1.8	SRCGP2	OFF_SITE
553760.00	4180740.00	5.44E-01	1.8	SRCGP2	OFF_SITE
553760.00	4180760.00	6.03E-01	1.8	SRCGP2	OFF_SITE
553760.00	4180780.00	6.73E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180520.00	2.23E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180540.00	2.37E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180560.00	2.53E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180580.00	2.71E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180600.00	2.91E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180620.00	3.14E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180640.00	3.39E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180660.00	3.68E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180680.00	4.00E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180720.00	4.80E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180740.00	5.30E-01	1.8	SRCGP2	OFF_SITE
553780.00	4180760.00	5.87E-01	1.8	SRCGP2	OFF_SITE

553780.00	4180780.00	6.56E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180520.00	2.17E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180540.00	2.31E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180560.00	2.47E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180580.00	2.64E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180600.00	2.84E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180620.00	3.05E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180640.00	3.30E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180660.00	3.57E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180680.00	3.89E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180720.00	4.66E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180740.00	5.14E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180760.00	5.70E-01	1.8	SRCGP2	OFF_SITE
553800.00	4180780.00	6.35E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180520.00	2.11E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180540.00	2.25E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180560.00	2.40E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180580.00	2.57E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180620.00	2.96E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180640.00	3.20E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180660.00	3.47E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180680.00	3.77E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180720.00	4.51E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180740.00	4.97E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180760.00	5.50E-01	1.8	SRCGP2	OFF_SITE
553820.00	4180780.00	6.13E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180520.00	2.05E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180540.00	2.19E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180560.00	2.33E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180580.00	2.49E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180620.00	2.87E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180640.00	3.10E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180660.00	3.35E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180680.00	3.64E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180720.00	4.35E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180740.00	4.79E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180760.00	5.30E-01	1.8	SRCGP2	OFF_SITE
553840.00	4180780.00	5.89E-01	1.8	SRCGP2	OFF_SITE
553860.00	4180520.00	2.00E-01	1.8	SRCGP2	OFF_SITE
553860.00	4180540.00	2.12E-01	1.8	SRCGP2	OFF_SITE
553860.00	4180560.00	2.26E-01	1.8	SRCGP2	OFF_SITE
553860.00	4180580.00	2.42E-01	1.8	SRCGP2	OFF_SITE
553860.00	4180620.00	2.78E-01	1.8	SRCGP2	OFF_SITE
553860.00	4180640.00	3.00E-01	1.8	SRCGP2	OFF_SITE
553860.00	4180660.00	3.24E-01	1.8	SRCGP2	OFF_SITE
553860.00	4180680.00	3.51E-01	1.8	SRCGP2	OFF_SITE
553860.00	4180720.00	4.19E-01	1.8	SRCGP2	OFF_SITE

553860.00	4180740.00	4.60E-01	1.8	SRCGP2	OFF_SITE
553860.00	4180760.00	5.08E-01	1.8	SRCGP2	OFF_SITE
553860.00	4180780.00	5.65E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180520.00	1.94E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180540.00	2.06E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180560.00	2.19E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180580.00	2.34E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180620.00	2.69E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180640.00	2.89E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180660.00	3.12E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180680.00	3.38E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180720.00	4.02E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180740.00	4.41E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180760.00	4.87E-01	1.8	SRCGP2	OFF_SITE
553880.00	4180780.00	5.40E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180520.00	1.88E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180540.00	2.00E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180560.00	2.12E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180580.00	2.26E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180620.00	2.60E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180640.00	2.79E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180660.00	3.01E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180680.00	3.26E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180720.00	3.86E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180740.00	4.23E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180760.00	4.66E-01	1.8	SRCGP2	OFF_SITE
553900.00	4180780.00	5.16E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180520.00	1.82E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180540.00	1.93E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180560.00	2.06E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180580.00	2.19E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180620.00	2.51E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180640.00	2.69E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180660.00	2.90E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180680.00	3.14E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180720.00	3.70E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180740.00	4.05E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180760.00	4.45E-01	1.8	SRCGP2	OFF_SITE
553920.00	4180780.00	4.92E-01	1.8	SRCGP2	OFF_SITE
553940.00	4180520.00	1.77E-01	1.8	SRCGP2	OFF_SITE
553940.00	4180540.00	1.87E-01	1.8	SRCGP2	OFF_SITE
553940.00	4180560.00	1.99E-01	1.8	SRCGP2	OFF_SITE
553940.00	4180580.00	2.12E-01	1.8	SRCGP2	OFF_SITE
553940.00	4180620.00	2.42E-01	1.8	SRCGP2	OFF_SITE
553940.00	4180640.00	2.60E-01	1.8	SRCGP2	OFF_SITE
553940.00	4180660.00	2.80E-01	1.8	SRCGP2	OFF_SITE
553940.00	4180680.00	3.02E-01	1.8	SRCGP2	OFF_SITE

553940.00	4180720.00	3.56E-01	1.8	SRCGP2	OFF_SITE
553940.00	4180740.00	3.88E-01	1.8	SRCGP2	OFF_SITE
553940.00	4180760.00	4.26E-01	1.8	SRCGP2	OFF_SITE
553940.00	4180780.00	4.70E-01	1.8	SRCGP2	OFF_SITE
553960.00	4180520.00	1.72E-01	1.8	SRCGP2	OFF_SITE
553960.00	4180540.00	1.82E-01	1.8	SRCGP2	OFF_SITE
553960.00	4180560.00	1.93E-01	1.8	SRCGP2	OFF_SITE
553960.00	4180580.00	2.05E-01	1.8	SRCGP2	OFF_SITE
553960.00	4180620.00	2.34E-01	1.8	SRCGP2	OFF_SITE
553960.00	4180640.00	2.51E-01	1.8	SRCGP2	OFF_SITE
553960.00	4180660.00	2.70E-01	1.8	SRCGP2	OFF_SITE
553960.00	4180680.00	2.91E-01	1.8	SRCGP2	OFF_SITE
553960.00	4180720.00	3.42E-01	1.8	SRCGP2	OFF_SITE
553960.00	4180740.00	3.73E-01	1.8	SRCGP2	OFF_SITE
553960.00	4180760.00	4.09E-01	1.8	SRCGP2	OFF_SITE
553980.00	4180520.00	1.67E-01	1.8	SRCGP2	OFF_SITE
553980.00	4180540.00	1.76E-01	1.8	SRCGP2	OFF_SITE
553980.00	4180560.00	1.87E-01	1.8	SRCGP2	OFF_SITE
553980.00	4180580.00	1.99E-01	1.8	SRCGP2	OFF_SITE
553980.00	4180620.00	2.26E-01	1.8	SRCGP2	OFF_SITE
553980.00	4180640.00	2.42E-01	1.8	SRCGP2	OFF_SITE
553980.00	4180660.00	2.60E-01	1.8	SRCGP2	OFF_SITE
553980.00	4180680.00	2.80E-01	1.8	SRCGP2	OFF_SITE
553560.00	4181180.00	1.84E+00	1.8	SRCGP2	OFF_SITE
553920.00	4180660.00	2.90E-01	1.8	SRCGP2	OFF_SITE
553700.00	4180920.00	1.83E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180920.00	1.35E+00	1.8	SRCGP2	OFF_SITE
553680.00	4181060.00	5.15E+00	1.8	SRCGP2	OFF_SITE
553760.00	4181080.00	1.42E+01	1.8	SRCGP2	R_A1_BA
553780.00	4181080.00	2.00E+01	1.8	SRCGP2	R_A1_BA
553760.00	4181100.00	1.66E+01	1.8	SRCGP2	R_A1_BA
553780.00	4181100.00	2.42E+01	1.8	SRCGP2	R_A1_BA
553760.00	4181120.00	1.85E+01	1.8	SRCGP2	R_A1_BA
553780.00	4181120.00	2.65E+01	1.8	SRCGP2	R_A1_BA
553760.00	4181140.00	2.11E+01	1.8	SRCGP2	R_A1_BA
553780.00	4181140.00	2.91E+01	1.8	SRCGP2	R_A1_BA
553760.00	4181000.00	4.53E+00	1.8	SRCGP2	R_A1_BB
553780.00	4181000.00	4.65E+00	1.8	SRCGP2	R_A1_BB
553760.00	4181020.00	5.98E+00	1.8	SRCGP2	R_A1_BB
553780.00	4181020.00	6.32E+00	1.8	SRCGP2	R_A1_BB
553760.00	4181040.00	8.07E+00	1.8	SRCGP2	R_A1_BB
553780.00	4181040.00	8.96E+00	1.8	SRCGP2	R_A1_BB
553780.00	4181060.00	1.34E+01	1.8	SRCGP2	R_A1_BB
553760.00	4180900.00	1.55E+00	1.8	SRCGP2	R_A1_BC
553780.00	4180900.00	1.52E+00	1.8	SRCGP2	R_A1_BC
553760.00	4180920.00	1.86E+00	1.8	SRCGP2	R_A1_BC
553780.00	4180920.00	1.82E+00	1.8	SRCGP2	R_A1_BC

553760.00	4180940.00	2.25E+00	1.8	SRCGP2	R_A1_BC
553780.00	4180940.00	2.23E+00	1.8	SRCGP2	R_A1_BC
553760.00	4180960.00	2.79E+00	1.8	SRCGP2	R_A1_BC
553780.00	4180960.00	2.77E+00	1.8	SRCGP2	R_A1_BC
553760.00	4180820.00	8.57E-01	1.8	SRCGP2	R_A1_BD1
553780.00	4180820.00	8.34E-01	1.8	SRCGP2	R_A1_BD1
553760.00	4180840.00	9.78E-01	1.8	SRCGP2	R_A1_BD1
553780.00	4180840.00	9.53E-01	1.8	SRCGP2	R_A1_BD1
553760.00	4180860.00	1.13E+00	1.8	SRCGP2	R_A1_BD1
553780.00	4180860.00	1.10E+00	1.8	SRCGP2	R_A1_BD1
553760.00	4180880.00	1.31E+00	1.8	SRCGP2	R_A1_BD1
553800.00	4180820.00	8.08E-01	1.8	SRCGP2	R_A1_BD2
553820.00	4180820.00	7.78E-01	1.8	SRCGP2	R_A1_BD2
553840.00	4180820.00	7.46E-01	1.8	SRCGP2	R_A1_BD2
553860.00	4180820.00	7.12E-01	1.8	SRCGP2	R_A1_BD2
553880.00	4180820.00	6.78E-01	1.8	SRCGP2	R_A1_BD2
553800.00	4180840.00	9.23E-01	1.8	SRCGP2	R_A1_BD2
553820.00	4180840.00	8.88E-01	1.8	SRCGP2	R_A1_BD2
553840.00	4180840.00	8.49E-01	1.8	SRCGP2	R_A1_BD2
553860.00	4180840.00	8.09E-01	1.8	SRCGP2	R_A1_BD2
553880.00	4180840.00	7.69E-01	1.8	SRCGP2	R_A1_BD2
553800.00	4180860.00	1.06E+00	1.8	SRCGP2	R_A1_BD2
553820.00	4180860.00	1.02E+00	1.8	SRCGP2	R_A1_BD2
553840.00	4180860.00	9.77E-01	1.8	SRCGP2	R_A1_BD2
553860.00	4180860.00	9.29E-01	1.8	SRCGP2	R_A1_BD2
553880.00	4180860.00	8.80E-01	1.8	SRCGP2	R_A1_BD2
553780.00	4180880.00	1.28E+00	1.8	SRCGP2	R_A1_BD2
553800.00	4180880.00	1.24E+00	1.8	SRCGP2	R_A1_BD2
553820.00	4180880.00	1.19E+00	1.8	SRCGP2	R_A1_BD2
553840.00	4180880.00	1.14E+00	1.8	SRCGP2	R_A1_BD2
553860.00	4180880.00	1.08E+00	1.8	SRCGP2	R_A1_BD2
553820.00	4181100.00	4.57E+01	1.8	SRCGP2	R_A2_BG
553840.00	4181100.00	5.03E+01	1.8	SRCGP2	R_A2_BG
553860.00	4181100.00	5.19E+01	1.8	SRCGP2	R_A2_BG
553820.00	4181120.00	4.99E+01	1.8	SRCGP2	R_A2_BG
553840.00	4181120.00	5.52E+01	1.8	SRCGP2	R_A2_BG
553860.00	4181120.00	5.73E+01	1.8	SRCGP2	R_A2_BG
553900.00	4181100.00	4.90E+01	1.8	SRCGP2	R_A2_BK
553920.00	4181100.00	4.35E+01	1.8	SRCGP2	R_A2_BK
553900.00	4181120.00	5.45E+01	1.8	SRCGP2	R_A2_BK
553920.00	4181120.00	4.86E+01	1.8	SRCGP2	R_A2_BK
553860.00	4181140.00	5.96E+01	1.8	SRCGP2	R_A2_PK
553880.00	4181140.00	5.94E+01	1.8	SRCGP2	R_A2_PK
553900.00	4181140.00	5.67E+01	1.8	SRCGP2	R_A2_PK
553920.00	4181140.00	5.06E+01	1.8	SRCGP2	R_A2_PK
553800.00	4181160.00	4.77E+01	1.8	SRCGP2	R_A2_PK
553820.00	4181160.00	5.46E+01	1.8	SRCGP2	R_A2_PK

553840.00	4181160.00	5.84E+01	1.8	SRCGP2	R_A2_PK
553860.00	4181160.00	6.00E+01	1.8	SRCGP2	R_A2_PK
553880.00	4181160.00	5.97E+01	1.8	SRCGP2	R_A2_PK
553900.00	4181160.00	5.70E+01	1.8	SRCGP2	R_A2_PK
553920.00	4181160.00	5.09E+01	1.8	SRCGP2	R_A2_PK
553740.00	4181180.00	2.72E+01	1.8	SRCGP2	R_A2_PK
553760.00	4181180.00	3.87E+01	1.8	SRCGP2	R_A2_PK
553780.00	4181180.00	4.58E+01	1.8	SRCGP2	R_A2_PK
553800.00	4181180.00	5.06E+01	1.8	SRCGP2	R_A2_PK
553820.00	4181180.00	5.42E+01	1.8	SRCGP2	R_A2_PK
553840.00	4181180.00	5.68E+01	1.8	SRCGP2	R_A2_PK
553860.00	4181180.00	5.80E+01	1.8	SRCGP2	R_A2_PK
553880.00	4181180.00	5.77E+01	1.8	SRCGP2	R_A2_PK
553900.00	4181180.00	5.53E+01	1.8	SRCGP2	R_A2_PK
553920.00	4181180.00	4.95E+01	1.8	SRCGP2	R_A2_PK
553740.00	4181200.00	2.31E+01	1.8	SRCGP2	R_A2_PK
553760.00	4181200.00	3.39E+01	1.8	SRCGP2	R_A2_PK
553780.00	4181200.00	4.03E+01	1.8	SRCGP2	R_A2_PK
553800.00	4181200.00	4.45E+01	1.8	SRCGP2	R_A2_PK
553820.00	4181200.00	4.76E+01	1.8	SRCGP2	R_A2_PK
553840.00	4181200.00	4.99E+01	1.8	SRCGP2	R_A2_PK
553860.00	4181200.00	5.14E+01	1.8	SRCGP2	R_A2_PK
553880.00	4181200.00	5.16E+01	1.8	SRCGP2	R_A2_PK
553900.00	4181200.00	5.02E+01	1.8	SRCGP2	R_A2_PK
553920.00	4181200.00	4.54E+01	1.8	SRCGP2	R_A2_PK
553840.00	4180920.00	1.61E+00	1.8	SRCGP2	R_A3_BE
553860.00	4180920.00	1.52E+00	1.8	SRCGP2	R_A3_BE
553820.00	4180940.00	2.08E+00	1.8	SRCGP2	R_A3_BE
553840.00	4180940.00	1.97E+00	1.8	SRCGP2	R_A3_BE
553860.00	4180940.00	1.86E+00	1.8	SRCGP2	R_A3_BE
553820.00	4181040.00	9.60E+00	1.8	SRCGP2	R_A3_BF
553840.00	4181040.00	9.57E+00	1.8	SRCGP2	R_A3_BF
553860.00	4181040.00	9.32E+00	1.8	SRCGP2	R_A3_BF
553820.00	4181060.00	1.61E+01	1.8	SRCGP2	R_A3_BF
553840.00	4181060.00	1.68E+01	1.8	SRCGP2	R_A3_BF
553860.00	4181060.00	1.68E+01	1.8	SRCGP2	R_A3_BF
553800.00	4180960.00	2.71E+00	1.8	SRCGP2	R_A3_SQ
553820.00	4180960.00	2.61E+00	1.8	SRCGP2	R_A3_SQ
553840.00	4180960.00	2.48E+00	1.8	SRCGP2	R_A3_SQ
553860.00	4180960.00	2.32E+00	1.8	SRCGP2	R_A3_SQ
553800.00	4180980.00	3.50E+00	1.8	SRCGP2	R_A3_SQ
553820.00	4180980.00	3.38E+00	1.8	SRCGP2	R_A3_SQ
553840.00	4180980.00	3.21E+00	1.8	SRCGP2	R_A3_SQ
553860.00	4180980.00	3.01E+00	1.8	SRCGP2	R_A3_SQ
553800.00	4181000.00	4.65E+00	1.8	SRCGP2	R_A3_SQ
553820.00	4181000.00	4.54E+00	1.8	SRCGP2	R_A3_SQ
553840.00	4181000.00	4.34E+00	1.8	SRCGP2	R_A3_SQ

553860.00	4181000.00	4.08E+00	1.8	SRCGP2	R_A3_SQ
553800.00	4181020.00	6.45E+00	1.8	SRCGP2	R_A3_SQ
553820.00	4181020.00	6.39E+00	1.8	SRCGP2	R_A3_SQ
553840.00	4181020.00	6.19E+00	1.8	SRCGP2	R_A3_SQ
553860.00	4181020.00	5.89E+00	1.8	SRCGP2	R_A3_SQ
553900.00	4180920.00	1.34E+00	1.8	SRCGP2	R_A4_BI
553920.00	4180920.00	1.26E+00	1.8	SRCGP2	R_A4_BI
553900.00	4180940.00	1.62E+00	1.8	SRCGP2	R_A4_BI
553920.00	4180940.00	1.52E+00	1.8	SRCGP2	R_A4_BI
553900.00	4180960.00	2.02E+00	1.8	SRCGP2	R_A4_BI
553920.00	4180960.00	1.89E+00	1.8	SRCGP2	R_A4_BI
553900.00	4181000.00	3.51E+00	1.8	SRCGP2	R_A4_BJ
553920.00	4181000.00	3.26E+00	1.8	SRCGP2	R_A4_BJ
553900.00	4181020.00	5.08E+00	1.8	SRCGP2	R_A4_BJ
553920.00	4181020.00	4.65E+00	1.8	SRCGP2	R_A4_BJ
553900.00	4181040.00	8.06E+00	1.8	SRCGP2	R_A4_BJ
553920.00	4181040.00	7.20E+00	1.8	SRCGP2	R_A4_BJ
553900.00	4181060.00	1.47E+01	1.8	SRCGP2	R_A4_BJ
553920.00	4181060.00	1.26E+01	1.8	SRCGP2	R_A4_BJ
553900.00	4181000.00	3.51E+00	1.8	SRCGP2	R_A4_BJ
553920.00	4181000.00	3.26E+00	1.8	SRCGP2	R_A4_BJ
553900.00	4180980.00	2.60E+00	1.8	SRCGP2	R_A4_CL
553920.00	4180980.00	2.42E+00	1.8	SRCGP2	R_A4_CL
553940.00	4180980.00	2.28E+00	1.8	SRCGP2	R_A4_CL
553880.00	4181000.00	3.80E+00	1.8	SRCGP2	R_A4_CL
553940.00	4181000.00	3.04E+00	1.8	SRCGP2	R_A4_CL
553940.00	4181080.00	2.16E+01	1.8	SRCGP2	R_A4_CL
553880.00	4180980.00	2.80E+00	1.8	SRCGP2	R_A4_CL
553600.00	4181380.00	8.70E-01	1.8	SRCGP2	R_ATT
553600.00	4181400.00	7.90E-01	1.8	SRCGP2	R_ATT
553620.00	4181340.00	1.16E+00	1.8	SRCGP2	R_ATT
553620.00	4181360.00	1.04E+00	1.8	SRCGP2	R_ATT
553620.00	4181380.00	9.29E-01	1.8	SRCGP2	R_ATT
553620.00	4181400.00	8.38E-01	1.8	SRCGP2	R_ATT
553620.00	4181420.00	7.58E-01	1.8	SRCGP2	R_ATT
553640.00	4181340.00	1.26E+00	1.8	SRCGP2	R_ATT
553640.00	4181320.00	1.43E+00	1.8	SRCGP2	R_ATT
553640.00	4181360.00	1.11E+00	1.8	SRCGP2	R_ATT
553640.00	4181380.00	9.90E-01	1.8	SRCGP2	R_ATT
553640.00	4181400.00	8.86E-01	1.8	SRCGP2	R_ATT
553640.00	4181420.00	7.96E-01	1.8	SRCGP2	R_ATT
553640.00	4181440.00	7.18E-01	1.8	SRCGP2	R_ATT
553660.00	4181320.00	1.57E+00	1.8	SRCGP2	R_ATT
553660.00	4181340.00	1.36E+00	1.8	SRCGP2	R_ATT
553660.00	4181360.00	1.19E+00	1.8	SRCGP2	R_ATT
553660.00	4181380.00	1.05E+00	1.8	SRCGP2	R_ATT
553660.00	4181400.00	9.33E-01	1.8	SRCGP2	R_ATT

553660.00	4181420.00	8.32E-01	1.8	SRCGP2	R_ATT
553660.00	4181440.00	7.46E-01	1.8	SRCGP2	R_ATT
553660.00	4181460.00	6.72E-01	1.8	SRCGP2	R_ATT
553680.00	4181360.00	1.27E+00	1.8	SRCGP2	R_ATT
553680.00	4181380.00	1.11E+00	1.8	SRCGP2	R_ATT
553680.00	4181400.00	9.78E-01	1.8	SRCGP2	R_ATT
553680.00	4181420.00	8.67E-01	1.8	SRCGP2	R_ATT
553680.00	4181440.00	7.72E-01	1.8	SRCGP2	R_ATT
553680.00	4181460.00	6.92E-01	1.8	SRCGP2	R_ATT
553680.00	4181480.00	6.23E-01	1.8	SRCGP2	R_ATT
553680.00	4181340.00	1.47E+00	1.8	SRCGP2	R_ATT
553680.00	4181320.00	1.71E+00	1.8	SRCGP2	R_ATT
553700.00	4181360.00	1.35E+00	1.8	SRCGP2	R_ATT
553700.00	4181380.00	1.17E+00	1.8	SRCGP2	R_ATT
553700.00	4181400.00	1.02E+00	1.8	SRCGP2	R_ATT
553700.00	4181420.00	8.98E-01	1.8	SRCGP2	R_ATT
553700.00	4181440.00	7.96E-01	1.8	SRCGP2	R_ATT
553700.00	4181460.00	7.09E-01	1.8	SRCGP2	R_ATT
553700.00	4181480.00	6.36E-01	1.8	SRCGP2	R_ATT
553700.00	4181500.00	5.73E-01	1.8	SRCGP2	R_ATT
553700.00	4181340.00	1.58E+00	1.8	SRCGP2	R_ATT
553700.00	4181320.00	1.87E+00	1.8	SRCGP2	R_ATT
553720.00	4181360.00	1.43E+00	1.8	SRCGP2	R_ATT
553720.00	4181380.00	1.22E+00	1.8	SRCGP2	R_ATT
553720.00	4181400.00	1.06E+00	1.8	SRCGP2	R_ATT
553720.00	4181420.00	9.25E-01	1.8	SRCGP2	R_ATT
553720.00	4181440.00	8.15E-01	1.8	SRCGP2	R_ATT
553720.00	4181460.00	7.23E-01	1.8	SRCGP2	R_ATT
553720.00	4181480.00	6.45E-01	1.8	SRCGP2	R_ATT
553720.00	4181500.00	5.79E-01	1.8	SRCGP2	R_ATT
553720.00	4181520.00	5.23E-01	1.8	SRCGP2	R_ATT
553720.00	4181340.00	1.68E+00	1.8	SRCGP2	R_ATT
553720.00	4181320.00	2.02E+00	1.8	SRCGP2	R_ATT
553740.00	4181360.00	1.50E+00	1.8	SRCGP2	R_ATT
553740.00	4181380.00	1.27E+00	1.8	SRCGP2	R_ATT
553740.00	4181400.00	1.09E+00	1.8	SRCGP2	R_ATT
553740.00	4181420.00	9.48E-01	1.8	SRCGP2	R_ATT
553740.00	4181440.00	8.31E-01	1.8	SRCGP2	R_ATT
553740.00	4181460.00	7.34E-01	1.8	SRCGP2	R_ATT
553740.00	4181480.00	6.52E-01	1.8	SRCGP2	R_ATT
553740.00	4181500.00	5.84E-01	1.8	SRCGP2	R_ATT
553740.00	4181520.00	5.25E-01	1.8	SRCGP2	R_ATT
553740.00	4181340.00	1.79E+00	1.8	SRCGP2	R_ATT
553740.00	4181320.00	2.17E+00	1.8	SRCGP2	R_ATT
553760.00	4181360.00	1.56E+00	1.8	SRCGP2	R_ATT
553760.00	4181380.00	1.31E+00	1.8	SRCGP2	R_ATT
553760.00	4181400.00	1.12E+00	1.8	SRCGP2	R_ATT



553760.00	4181420.00	9.67E-01	1.8	SRCGP2	R_ATT
553760.00	4181440.00	8.43E-01	1.8	SRCGP2	R_ATT
553760.00	4181460.00	7.41E-01	1.8	SRCGP2	R_ATT
553760.00	4181480.00	6.57E-01	1.8	SRCGP2	R_ATT
553760.00	4181500.00	5.86E-01	1.8	SRCGP2	R_ATT
553760.00	4181520.00	5.26E-01	1.8	SRCGP2	R_ATT
553760.00	4181340.00	1.88E+00	1.8	SRCGP2	R_ATT
553760.00	4181320.00	2.32E+00	1.8	SRCGP2	R_ATT
553780.00	4181360.00	1.62E+00	1.8	SRCGP2	R_ATT
553780.00	4181380.00	1.35E+00	1.8	SRCGP2	R_ATT
553780.00	4181400.00	1.14E+00	1.8	SRCGP2	R_ATT
553780.00	4181420.00	9.83E-01	1.8	SRCGP2	R_ATT
553780.00	4181440.00	8.53E-01	1.8	SRCGP2	R_ATT
553780.00	4181460.00	7.47E-01	1.8	SRCGP2	R_ATT
553780.00	4181480.00	6.59E-01	1.8	SRCGP2	R_ATT
553780.00	4181500.00	5.87E-01	1.8	SRCGP2	R_ATT
553780.00	4181520.00	5.25E-01	1.8	SRCGP2	R_ATT
553780.00	4181340.00	1.98E+00	1.8	SRCGP2	R_ATT
553800.00	4181360.00	1.67E+00	1.8	SRCGP2	R_ATT
553800.00	4181380.00	1.38E+00	1.8	SRCGP2	R_ATT
553800.00	4181400.00	1.17E+00	1.8	SRCGP2	R_ATT
553800.00	4181420.00	9.95E-01	1.8	SRCGP2	R_ATT
553800.00	4181440.00	8.60E-01	1.8	SRCGP2	R_ATT
553800.00	4181460.00	7.50E-01	1.8	SRCGP2	R_ATT
553800.00	4181480.00	6.61E-01	1.8	SRCGP2	R_ATT
553800.00	4181500.00	5.86E-01	1.8	SRCGP2	R_ATT
553800.00	4181520.00	5.24E-01	1.8	SRCGP2	R_ATT
553820.00	4181360.00	1.72E+00	1.8	SRCGP2	R_ATT
553820.00	4181380.00	1.42E+00	1.8	SRCGP2	R_ATT
553820.00	4181400.00	1.18E+00	1.8	SRCGP2	R_ATT
553820.00	4181420.00	1.01E+00	1.8	SRCGP2	R_ATT
553820.00	4181440.00	8.66E-01	1.8	SRCGP2	R_ATT
553820.00	4181460.00	7.53E-01	1.8	SRCGP2	R_ATT
553820.00	4181480.00	6.61E-01	1.8	SRCGP2	R_ATT
553820.00	4181500.00	5.85E-01	1.8	SRCGP2	R_ATT
553820.00	4181520.00	5.22E-01	1.8	SRCGP2	R_ATT
553840.00	4181360.00	1.77E+00	1.8	SRCGP2	R_ATT
553840.00	4181380.00	1.45E+00	1.8	SRCGP2	R_ATT
553840.00	4181400.00	1.20E+00	1.8	SRCGP2	R_ATT
553840.00	4181420.00	1.02E+00	1.8	SRCGP2	R_ATT
553840.00	4181440.00	8.72E-01	1.8	SRCGP2	R_ATT
553840.00	4181460.00	7.56E-01	1.8	SRCGP2	R_ATT
553840.00	4181480.00	6.62E-01	1.8	SRCGP2	R_ATT
553840.00	4181500.00	5.85E-01	1.8	SRCGP2	R_ATT
553840.00	4181520.00	5.21E-01	1.8	SRCGP2	R_ATT
553920.00	4180820.00	6.13E-01	1.8	SRCGP2	R_B4_BH
553940.00	4180820.00	5.84E-01	1.8	SRCGP2	R_B4_BH

553920.00	4180840.00	6.92E-01	1.8	SRCGP2	R_B4_BH
553940.00	4180840.00	6.57E-01	1.8	SRCGP2	R_B4_BH
553900.00	4180860.00	8.33E-01	1.8	SRCGP2	R_B4_BH
553920.00	4180860.00	7.88E-01	1.8	SRCGP2	R_B4_BH
553940.00	4180860.00	7.47E-01	1.8	SRCGP2	R_B4_BH
553900.00	4180880.00	9.61E-01	1.8	SRCGP2	R_B4_BH
553920.00	4180880.00	9.08E-01	1.8	SRCGP2	R_B4_BH
553960.00	4181040.00	5.88E+00	1.8	SRCGP2	R_PIER48
553980.00	4181040.00	5.37E+00	1.8	SRCGP2	R_PIER48
554000.00	4181040.00	4.84E+00	1.8	SRCGP2	R_PIER48
553960.00	4181060.00	9.28E+00	1.8	SRCGP2	R_PIER48
553980.00	4181060.00	7.88E+00	1.8	SRCGP2	R_PIER48
554000.00	4181060.00	6.64E+00	1.8	SRCGP2	R_PIER48
554020.00	4181060.00	5.65E+00	1.8	SRCGP2	R_PIER48
554040.00	4181060.00	4.87E+00	1.8	SRCGP2	R_PIER48
554060.00	4181060.00	4.24E+00	1.8	SRCGP2	R_PIER48
554080.00	4181060.00	3.72E+00	1.8	SRCGP2	R_PIER48
554100.00	4181060.00	3.29E+00	1.8	SRCGP2	R_PIER48
554120.00	4181060.00	2.93E+00	1.8	SRCGP2	R_PIER48
554140.00	4181060.00	2.62E+00	1.8	SRCGP2	R_PIER48
554160.00	4181060.00	2.36E+00	1.8	SRCGP2	R_PIER48
553960.00	4181080.00	1.54E+01	1.8	SRCGP2	R_PIER48
553980.00	4181080.00	1.13E+01	1.8	SRCGP2	R_PIER48
554000.00	4181080.00	8.78E+00	1.8	SRCGP2	R_PIER48
554020.00	4181080.00	7.12E+00	1.8	SRCGP2	R_PIER48
554040.00	4181080.00	5.92E+00	1.8	SRCGP2	R_PIER48
554060.00	4181080.00	5.02E+00	1.8	SRCGP2	R_PIER48
554080.00	4181080.00	4.31E+00	1.8	SRCGP2	R_PIER48
554100.00	4181080.00	3.75E+00	1.8	SRCGP2	R_PIER48
554120.00	4181080.00	3.29E+00	1.8	SRCGP2	R_PIER48
554140.00	4181080.00	2.91E+00	1.8	SRCGP2	R_PIER48
554160.00	4181080.00	2.60E+00	1.8	SRCGP2	R_PIER48
553960.00	4181100.00	2.16E+01	1.8	SRCGP2	R_PIER48
553980.00	4181100.00	1.47E+01	1.8	SRCGP2	R_PIER48
554000.00	4181100.00	1.09E+01	1.8	SRCGP2	R_PIER48
554020.00	4181100.00	8.51E+00	1.8	SRCGP2	R_PIER48
554040.00	4181100.00	6.90E+00	1.8	SRCGP2	R_PIER48
554060.00	4181100.00	5.73E+00	1.8	SRCGP2	R_PIER48
554080.00	4181100.00	4.85E+00	1.8	SRCGP2	R_PIER48
554100.00	4181100.00	4.16E+00	1.8	SRCGP2	R_PIER48
554120.00	4181100.00	3.61E+00	1.8	SRCGP2	R_PIER48
554140.00	4181100.00	3.17E+00	1.8	SRCGP2	R_PIER48
554160.00	4181100.00	2.80E+00	1.8	SRCGP2	R_PIER48
553960.00	4181120.00	2.51E+01	1.8	SRCGP2	R_PIER48
553980.00	4181120.00	1.71E+01	1.8	SRCGP2	R_PIER48
554000.00	4181120.00	1.25E+01	1.8	SRCGP2	R_PIER48
554020.00	4181120.00	9.62E+00	1.8	SRCGP2	R_PIER48

554040.00	4181120.00	7.69E+00	1.8	SRCGP2	R_PIER48
554060.00	4181120.00	6.30E+00	1.8	SRCGP2	R_PIER48
554080.00	4181120.00	5.27E+00	1.8	SRCGP2	R_PIER48
554100.00	4181120.00	4.48E+00	1.8	SRCGP2	R_PIER48
554120.00	4181120.00	3.86E+00	1.8	SRCGP2	R_PIER48
554140.00	4181120.00	3.36E+00	1.8	SRCGP2	R_PIER48
553940.00	4181140.00	3.99E+01	1.8	SRCGP2	R_PIER48
553960.00	4181140.00	2.66E+01	1.8	SRCGP2	R_PIER48
553980.00	4181140.00	1.83E+01	1.8	SRCGP2	R_PIER48
554000.00	4181140.00	1.34E+01	1.8	SRCGP2	R_PIER48
554020.00	4181140.00	1.03E+01	1.8	SRCGP2	R_PIER48
554040.00	4181140.00	8.18E+00	1.8	SRCGP2	R_PIER48
554060.00	4181140.00	6.66E+00	1.8	SRCGP2	R_PIER48
554080.00	4181140.00	5.54E+00	1.8	SRCGP2	R_PIER48
554100.00	4181140.00	4.68E+00	1.8	SRCGP2	R_PIER48
554120.00	4181140.00	4.01E+00	1.8	SRCGP2	R_PIER48
554140.00	4181140.00	3.48E+00	1.8	SRCGP2	R_PIER48
554040.00	4181160.00	8.33E+00	1.8	SRCGP2	R_PIER48
554060.00	4181160.00	6.77E+00	1.8	SRCGP2	R_PIER48
554080.00	4181160.00	5.62E+00	1.8	SRCGP2	R_PIER48
554100.00	4181160.00	4.74E+00	1.8	SRCGP2	R_PIER48
554120.00	4181160.00	4.06E+00	1.8	SRCGP2	R_PIER48
554140.00	4181160.00	3.52E+00	1.8	SRCGP2	R_PIER48
553980.00	4180780.00	4.32E-01	1.8	SRCGP2	R_PIER50
553980.00	4180800.00	4.78E-01	1.8	SRCGP2	R_PIER50
553980.00	4180820.00	5.33E-01	1.8	SRCGP2	R_PIER50
553980.00	4180840.00	6.00E-01	1.8	SRCGP2	R_PIER50
553980.00	4180860.00	6.81E-01	1.8	SRCGP2	R_PIER50
553980.00	4180880.00	7.81E-01	1.8	SRCGP2	R_PIER50
553980.00	4180900.00	9.10E-01	1.8	SRCGP2	R_PIER50
553980.00	4180920.00	1.08E+00	1.8	SRCGP2	R_PIER50
553980.00	4180940.00	1.30E+00	1.8	SRCGP2	R_PIER50
553980.00	4180960.00	1.62E+00	1.8	SRCGP2	R_PIER50
554000.00	4180720.00	3.17E-01	1.8	SRCGP2	R_PIER50
554000.00	4180740.00	3.45E-01	1.8	SRCGP2	R_PIER50
554000.00	4180760.00	3.78E-01	1.8	SRCGP2	R_PIER50
554000.00	4180780.00	4.15E-01	1.8	SRCGP2	R_PIER50
554000.00	4180800.00	4.60E-01	1.8	SRCGP2	R_PIER50
554000.00	4180820.00	5.13E-01	1.8	SRCGP2	R_PIER50
554000.00	4180840.00	5.76E-01	1.8	SRCGP2	R_PIER50
554000.00	4180860.00	6.54E-01	1.8	SRCGP2	R_PIER50
554000.00	4180880.00	7.52E-01	1.8	SRCGP2	R_PIER50
554000.00	4180900.00	8.77E-01	1.8	SRCGP2	R_PIER50
554000.00	4180920.00	1.04E+00	1.8	SRCGP2	R_PIER50
554000.00	4180940.00	1.26E+00	1.8	SRCGP2	R_PIER50
554000.00	4180960.00	1.56E+00	1.8	SRCGP2	R_PIER50
554020.00	4180840.00	5.56E-01	1.8	SRCGP2	R_PIER50

554020.00	4180860.00	6.32E-01	1.8	SRCGP2	R_PIER50
554020.00	4180880.00	7.28E-01	1.8	SRCGP2	R_PIER50
554020.00	4180900.00	8.50E-01	1.8	SRCGP2	R_PIER50
554020.00	4180920.00	1.01E+00	1.8	SRCGP2	R_PIER50
554020.00	4180940.00	1.22E+00	1.8	SRCGP2	R_PIER50
554020.00	4180960.00	1.52E+00	1.8	SRCGP2	R_PIER50
554040.00	4180840.00	5.40E-01	1.8	SRCGP2	R_PIER50
554040.00	4180860.00	6.14E-01	1.8	SRCGP2	R_PIER50
554040.00	4180880.00	7.08E-01	1.8	SRCGP2	R_PIER50
554040.00	4180900.00	8.28E-01	1.8	SRCGP2	R_PIER50
554040.00	4180920.00	9.84E-01	1.8	SRCGP2	R_PIER50
554040.00	4180940.00	1.19E+00	1.8	SRCGP2	R_PIER50
554040.00	4180960.00	1.47E+00	1.8	SRCGP2	R_PIER50
554060.00	4180840.00	5.25E-01	1.8	SRCGP2	R_PIER50
554060.00	4180860.00	5.99E-01	1.8	SRCGP2	R_PIER50
554060.00	4180880.00	6.91E-01	1.8	SRCGP2	R_PIER50
554060.00	4180900.00	8.09E-01	1.8	SRCGP2	R_PIER50
554060.00	4180920.00	9.62E-01	1.8	SRCGP2	R_PIER50
554060.00	4180940.00	1.16E+00	1.8	SRCGP2	R_PIER50
554060.00	4180960.00	1.43E+00	1.8	SRCGP2	R_PIER50
554080.00	4180840.00	5.13E-01	1.8	SRCGP2	R_PIER50
554080.00	4180860.00	5.85E-01	1.8	SRCGP2	R_PIER50
554080.00	4180880.00	6.76E-01	1.8	SRCGP2	R_PIER50
554080.00	4180900.00	7.92E-01	1.8	SRCGP2	R_PIER50
554080.00	4180920.00	9.40E-01	1.8	SRCGP2	R_PIER50
554080.00	4180940.00	1.13E+00	1.8	SRCGP2	R_PIER50
554080.00	4180960.00	1.38E+00	1.8	SRCGP2	R_PIER50
554100.00	4180840.00	5.03E-01	1.8	SRCGP2	R_PIER50
554100.00	4180860.00	5.74E-01	1.8	SRCGP2	R_PIER50
554100.00	4180880.00	6.63E-01	1.8	SRCGP2	R_PIER50
554100.00	4180900.00	7.76E-01	1.8	SRCGP2	R_PIER50
554100.00	4180920.00	9.19E-01	1.8	SRCGP2	R_PIER50
554100.00	4180940.00	1.10E+00	1.8	SRCGP2	R_PIER50
554100.00	4180960.00	1.33E+00	1.8	SRCGP2	R_PIER50
554120.00	4180840.00	4.93E-01	1.8	SRCGP2	R_PIER50
554120.00	4180860.00	5.63E-01	1.8	SRCGP2	R_PIER50
554120.00	4180880.00	6.51E-01	1.8	SRCGP2	R_PIER50
554120.00	4180900.00	7.60E-01	1.8	SRCGP2	R_PIER50
554120.00	4180920.00	8.97E-01	1.8	SRCGP2	R_PIER50
554120.00	4180940.00	1.07E+00	1.8	SRCGP2	R_PIER50
554120.00	4180960.00	1.28E+00	1.8	SRCGP2	R_PIER50
554140.00	4180840.00	4.85E-01	1.8	SRCGP2	R_PIER50
554140.00	4180860.00	5.53E-01	1.8	SRCGP2	R_PIER50
554140.00	4180880.00	6.39E-01	1.8	SRCGP2	R_PIER50
554140.00	4180900.00	7.44E-01	1.8	SRCGP2	R_PIER50
554140.00	4180920.00	8.75E-01	1.8	SRCGP2	R_PIER50
554140.00	4180940.00	1.03E+00	1.8	SRCGP2	R_PIER50

554140.00	4180960.00	1.23E+00	1.8	SRCGP2	R_PIER50
554160.00	4180840.00	4.77E-01	1.8	SRCGP2	R_PIER50
554160.00	4180860.00	5.44E-01	1.8	SRCGP2	R_PIER50
554160.00	4180880.00	6.27E-01	1.8	SRCGP2	R_PIER50
554160.00	4180900.00	7.28E-01	1.8	SRCGP2	R_PIER50
554160.00	4180920.00	8.51E-01	1.8	SRCGP2	R_PIER50
554160.00	4180940.00	9.99E-01	1.8	SRCGP2	R_PIER50
554160.00	4180960.00	1.17E+00	1.8	SRCGP2	R_PIER50
554180.00	4180840.00	4.69E-01	1.8	SRCGP2	R_PIER50
554180.00	4180860.00	5.35E-01	1.8	SRCGP2	R_PIER50
554180.00	4180880.00	6.15E-01	1.8	SRCGP2	R_PIER50
554180.00	4180900.00	7.11E-01	1.8	SRCGP2	R_PIER50
554180.00	4180920.00	8.27E-01	1.8	SRCGP2	R_PIER50
554180.00	4180940.00	9.64E-01	1.8	SRCGP2	R_PIER50
554180.00	4180960.00	1.12E+00	1.8	SRCGP2	R_PIER50
554200.00	4180840.00	4.62E-01	1.8	SRCGP2	R_PIER50
554200.00	4180860.00	5.26E-01	1.8	SRCGP2	R_PIER50
554200.00	4180880.00	6.03E-01	1.8	SRCGP2	R_PIER50
554200.00	4180900.00	6.94E-01	1.8	SRCGP2	R_PIER50
554200.00	4180920.00	8.03E-01	1.8	SRCGP2	R_PIER50
554200.00	4180940.00	9.29E-01	1.8	SRCGP2	R_PIER50
554200.00	4180960.00	1.07E+00	1.8	SRCGP2	R_PIER50
554220.00	4180840.00	4.54E-01	1.8	SRCGP2	R_PIER50
554220.00	4180860.00	5.16E-01	1.8	SRCGP2	R_PIER50
554220.00	4180880.00	5.90E-01	1.8	SRCGP2	R_PIER50
554220.00	4180900.00	6.77E-01	1.8	SRCGP2	R_PIER50
554220.00	4180920.00	7.78E-01	1.8	SRCGP2	R_PIER50
554220.00	4180940.00	8.93E-01	1.8	SRCGP2	R_PIER50
554220.00	4180960.00	1.02E+00	1.8	SRCGP2	R_PIER50
554240.00	4180820.00	3.97E-01	1.8	SRCGP2	R_PIER50
554240.00	4180840.00	4.47E-01	1.8	SRCGP2	R_PIER50
554240.00	4180860.00	5.07E-01	1.8	SRCGP2	R_PIER50
554240.00	4180880.00	5.77E-01	1.8	SRCGP2	R_PIER50
554240.00	4180900.00	6.59E-01	1.8	SRCGP2	R_PIER50
554240.00	4180920.00	7.52E-01	1.8	SRCGP2	R_PIER50
554240.00	4180940.00	8.58E-01	1.8	SRCGP2	R_PIER50
554240.00	4180960.00	9.75E-01	1.8	SRCGP2	R_PIER50
554260.00	4180820.00	3.91E-01	1.8	SRCGP2	R_PIER50
554260.00	4180840.00	4.40E-01	1.8	SRCGP2	R_PIER50
554260.00	4180860.00	4.97E-01	1.8	SRCGP2	R_PIER50
554260.00	4180880.00	5.64E-01	1.8	SRCGP2	R_PIER50
554260.00	4180900.00	6.41E-01	1.8	SRCGP2	R_PIER50
554260.00	4180920.00	7.27E-01	1.8	SRCGP2	R_PIER50
554260.00	4180940.00	8.24E-01	1.8	SRCGP2	R_PIER50
554260.00	4180960.00	9.29E-01	1.8	SRCGP2	R_PIER50
554280.00	4180800.00	3.45E-01	1.8	SRCGP2	R_PIER50
554280.00	4180820.00	3.85E-01	1.8	SRCGP2	R_PIER50

554280.00	4180840.00	4.33E-01	1.8	SRCGP2	R_PIER50
554280.00	4180860.00	4.88E-01	1.8	SRCGP2	R_PIER50
554280.00	4180880.00	5.51E-01	1.8	SRCGP2	R_PIER50
554280.00	4180900.00	6.22E-01	1.8	SRCGP2	R_PIER50
554280.00	4180920.00	7.02E-01	1.8	SRCGP2	R_PIER50
554280.00	4180940.00	7.90E-01	1.8	SRCGP2	R_PIER50
554280.00	4180960.00	8.85E-01	1.8	SRCGP2	R_PIER50
554300.00	4180780.00	3.06E-01	1.8	SRCGP2	R_PIER50
554300.00	4180800.00	3.40E-01	1.8	SRCGP2	R_PIER50
554300.00	4180820.00	3.79E-01	1.8	SRCGP2	R_PIER50
554300.00	4180840.00	4.25E-01	1.8	SRCGP2	R_PIER50
554300.00	4180860.00	4.78E-01	1.8	SRCGP2	R_PIER50
554300.00	4180880.00	5.37E-01	1.8	SRCGP2	R_PIER50
554300.00	4180900.00	6.04E-01	1.8	SRCGP2	R_PIER50
554300.00	4180920.00	6.78E-01	1.8	SRCGP2	R_PIER50
554300.00	4180940.00	7.58E-01	1.8	SRCGP2	R_PIER50
554300.00	4180960.00	8.43E-01	1.8	SRCGP2	R_PIER50
554320.00	4180780.00	3.02E-01	1.8	SRCGP2	R_PIER50
554320.00	4180800.00	3.35E-01	1.8	SRCGP2	R_PIER50
554320.00	4180820.00	3.74E-01	1.8	SRCGP2	R_PIER50
554320.00	4180840.00	4.17E-01	1.8	SRCGP2	R_PIER50
554320.00	4180860.00	4.67E-01	1.8	SRCGP2	R_PIER50
554320.00	4180880.00	5.23E-01	1.8	SRCGP2	R_PIER50
554320.00	4180900.00	5.85E-01	1.8	SRCGP2	R_PIER50
554320.00	4180920.00	6.53E-01	1.8	SRCGP2	R_PIER50
554320.00	4180940.00	7.26E-01	1.8	SRCGP2	R_PIER50
554320.00	4180960.00	8.03E-01	1.8	SRCGP2	R_PIER50
554340.00	4180760.00	2.70E-01	1.8	SRCGP2	R_PIER50
554340.00	4180780.00	2.98E-01	1.8	SRCGP2	R_PIER50
554340.00	4180800.00	3.31E-01	1.8	SRCGP2	R_PIER50
554340.00	4180820.00	3.68E-01	1.8	SRCGP2	R_PIER50
554340.00	4180840.00	4.10E-01	1.8	SRCGP2	R_PIER50
554340.00	4180860.00	4.57E-01	1.8	SRCGP2	R_PIER50
554340.00	4180880.00	5.09E-01	1.8	SRCGP2	R_PIER50
554340.00	4180900.00	5.67E-01	1.8	SRCGP2	R_PIER50
554340.00	4180920.00	6.29E-01	1.8	SRCGP2	R_PIER50
554340.00	4180940.00	6.96E-01	1.8	SRCGP2	R_PIER50
554340.00	4180960.00	7.65E-01	1.8	SRCGP2	R_PIER50
554360.00	4180760.00	2.67E-01	1.8	SRCGP2	R_PIER50
554360.00	4180780.00	2.95E-01	1.8	SRCGP2	R_PIER50
554360.00	4180800.00	3.26E-01	1.8	SRCGP2	R_PIER50
554360.00	4180820.00	3.61E-01	1.8	SRCGP2	R_PIER50
554360.00	4180840.00	4.02E-01	1.8	SRCGP2	R_PIER50
554360.00	4180860.00	4.46E-01	1.8	SRCGP2	R_PIER50
554360.00	4180880.00	4.95E-01	1.8	SRCGP2	R_PIER50
554360.00	4180900.00	5.49E-01	1.8	SRCGP2	R_PIER50
554360.00	4180920.00	6.06E-01	1.8	SRCGP2	R_PIER50

554360.00	4180940.00	6.66E-01	1.8	SRCGP2	R_PIER50
554360.00	4180960.00	7.29E-01	1.8	SRCGP2	R_PIER50
554380.00	4180740.00	2.41E-01	1.8	SRCGP2	R_PIER50
554380.00	4180760.00	2.64E-01	1.8	SRCGP2	R_PIER50
554380.00	4180780.00	2.91E-01	1.8	SRCGP2	R_PIER50
554380.00	4180800.00	3.21E-01	1.8	SRCGP2	R_PIER50
554380.00	4180820.00	3.55E-01	1.8	SRCGP2	R_PIER50
554380.00	4180840.00	3.93E-01	1.8	SRCGP2	R_PIER50
554380.00	4180860.00	4.36E-01	1.8	SRCGP2	R_PIER50
554380.00	4180880.00	4.82E-01	1.8	SRCGP2	R_PIER50
554380.00	4180900.00	5.31E-01	1.8	SRCGP2	R_PIER50
554380.00	4180920.00	5.84E-01	1.8	SRCGP2	R_PIER50
554380.00	4180940.00	6.38E-01	1.8	SRCGP2	R_PIER50
554380.00	4180960.00	6.95E-01	1.8	SRCGP2	R_PIER50
554400.00	4180740.00	2.38E-01	1.8	SRCGP2	R_PIER50
554400.00	4180760.00	2.61E-01	1.8	SRCGP2	R_PIER50
554400.00	4180780.00	2.87E-01	1.8	SRCGP2	R_PIER50
554400.00	4180800.00	3.16E-01	1.8	SRCGP2	R_PIER50
554400.00	4180820.00	3.49E-01	1.8	SRCGP2	R_PIER50
554400.00	4180840.00	3.85E-01	1.8	SRCGP2	R_PIER50
554400.00	4180860.00	4.25E-01	1.8	SRCGP2	R_PIER50
554400.00	4180880.00	4.68E-01	1.8	SRCGP2	R_PIER50
554400.00	4180900.00	5.14E-01	1.8	SRCGP2	R_PIER50
554400.00	4180920.00	5.62E-01	1.8	SRCGP2	R_PIER50
554400.00	4180940.00	6.12E-01	1.8	SRCGP2	R_PIER50
554400.00	4180960.00	6.62E-01	1.8	SRCGP2	R_PIER50
554420.00	4180720.00	2.16E-01	1.8	SRCGP2	R_PIER50
554420.00	4180740.00	2.35E-01	1.8	SRCGP2	R_PIER50
554420.00	4180760.00	2.58E-01	1.8	SRCGP2	R_PIER50
554420.00	4180780.00	2.83E-01	1.8	SRCGP2	R_PIER50
554420.00	4180800.00	3.11E-01	1.8	SRCGP2	R_PIER50
554420.00	4180820.00	3.42E-01	1.8	SRCGP2	R_PIER50
554420.00	4180840.00	3.77E-01	1.8	SRCGP2	R_PIER50
554420.00	4180860.00	4.14E-01	1.8	SRCGP2	R_PIER50
554420.00	4180880.00	4.54E-01	1.8	SRCGP2	R_PIER50
554420.00	4180900.00	4.96E-01	1.8	SRCGP2	R_PIER50
554420.00	4180920.00	5.41E-01	1.8	SRCGP2	R_PIER50
554420.00	4180940.00	5.86E-01	1.8	SRCGP2	R_PIER50
554420.00	4180960.00	6.32E-01	1.8	SRCGP2	R_PIER50
554440.00	4180720.00	2.13E-01	1.8	SRCGP2	R_PIER50
554440.00	4180740.00	2.33E-01	1.8	SRCGP2	R_PIER50
554440.00	4180760.00	2.55E-01	1.8	SRCGP2	R_PIER50
554440.00	4180780.00	2.79E-01	1.8	SRCGP2	R_PIER50
554440.00	4180800.00	3.06E-01	1.8	SRCGP2	R_PIER50
554440.00	4180820.00	3.36E-01	1.8	SRCGP2	R_PIER50
554440.00	4180840.00	3.68E-01	1.8	SRCGP2	R_PIER50
554440.00	4180860.00	4.03E-01	1.8	SRCGP2	R_PIER50

554440.00	4180880.00	4.41E-01	1.8	SRCGP2	R_PIER50
554440.00	4180900.00	4.80E-01	1.8	SRCGP2	R_PIER50
554440.00	4180920.00	5.20E-01	1.8	SRCGP2	R_PIER50
554440.00	4180940.00	5.62E-01	1.8	SRCGP2	R_PIER50
554440.00	4180960.00	6.03E-01	1.8	SRCGP2	R_PIER50
553680.00	4180480.00	2.17E-01	1.8	SRCGP2	Sensitive
553360.00	4181000.00	7.67E-01	1.8	SRCGP2	Sensitive
553160.00	4180800.00	3.85E-01	1.8	SRCGP2	Sensitive
552940.00	4180980.00	2.40E-01	1.8	SRCGP2	Sensitive
553440.00	4180240.00	1.33E-01	1.8	SRCGP2	Sensitive
553920.00	4180800.00	5.47E-01	1.8	SRCGP2	Sensitive
553400.00	4180440.00	2.06E-01	1.8	SRCGP2	Sensitive
553920.00	4180000.00	6.25E-02	1.8	SRCGP2	Sensitive
553560.00	4180360.00	1.68E-01	1.8	SRCGP2	Sensitive
553360.00	4180340.00	1.63E-01	1.8	SRCGP2	Sensitive
553160.00	4181180.00	3.21E-01	1.8	SRCGP2	Sensitive



**Annual Average Concentration at Each Receptor Location: Mission Rock Construction Scenario - Source Group**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	4.49E-01	1.8	SRCGP3	OFF_SITE
553440.00	4180540.00	4.82E-01	1.8	SRCGP3	OFF_SITE
553440.00	4180560.00	5.18E-01	1.8	SRCGP3	OFF_SITE
553440.00	4180580.00	5.57E-01	1.8	SRCGP3	OFF_SITE
553440.00	4180600.00	6.00E-01	1.8	SRCGP3	OFF_SITE
553440.00	4180620.00	6.46E-01	1.8	SRCGP3	OFF_SITE
553440.00	4180640.00	6.94E-01	1.8	SRCGP3	OFF_SITE
553440.00	4180660.00	7.45E-01	1.8	SRCGP3	OFF_SITE
553440.00	4180720.00	9.02E-01	1.8	SRCGP3	OFF_SITE
553440.00	4180740.00	9.52E-01	1.8	SRCGP3	OFF_SITE
553440.00	4180760.00	9.97E-01	1.8	SRCGP3	OFF_SITE
553440.00	4180780.00	1.04E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180800.00	1.07E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180840.00	1.11E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180860.00	1.11E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180880.00	1.11E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180900.00	1.09E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181020.00	8.85E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181040.00	8.41E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181060.00	7.98E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181080.00	7.56E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181160.00	6.04E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181180.00	5.71E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181200.00	5.40E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181220.00	5.11E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181240.00	4.83E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181260.00	4.57E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181300.00	4.10E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181320.00	3.88E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181340.00	3.68E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181360.00	3.49E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181380.00	3.31E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181400.00	3.14E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181420.00	2.98E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181440.00	2.83E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181460.00	2.69E-01	1.8	SRCGP3	OFF_SITE
553440.00	4181480.00	2.56E-01	1.8	SRCGP3	OFF_SITE
553460.00	4180520.00	4.56E-01	1.8	SRCGP3	OFF_SITE
553460.00	4180540.00	4.91E-01	1.8	SRCGP3	OFF_SITE
553460.00	4180560.00	5.29E-01	1.8	SRCGP3	OFF_SITE

553460.00	4180580.00	5.71E-01	1.8	SRCGP3	OFF_SITE
553460.00	4180600.00	6.16E-01	1.8	SRCGP3	OFF_SITE
553460.00	4180620.00	6.66E-01	1.8	SRCGP3	OFF_SITE
553460.00	4180640.00	7.19E-01	1.8	SRCGP3	OFF_SITE
553460.00	4180660.00	7.75E-01	1.8	SRCGP3	OFF_SITE
553460.00	4180700.00	8.95E-01	1.8	SRCGP3	OFF_SITE
553460.00	4180740.00	1.01E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180760.00	1.07E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180780.00	1.12E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180800.00	1.16E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180820.00	1.19E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180860.00	1.23E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180880.00	1.22E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180900.00	1.21E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180920.00	1.19E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181040.00	9.27E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181060.00	8.76E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181120.00	7.34E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181140.00	6.91E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181180.00	6.13E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181200.00	5.78E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181220.00	5.45E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181240.00	5.13E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181260.00	4.84E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181280.00	4.57E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181320.00	4.07E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181340.00	3.84E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181360.00	3.63E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181380.00	3.43E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181400.00	3.25E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181420.00	3.08E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181440.00	2.91E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181460.00	2.76E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181500.00	2.49E-01	1.8	SRCGP3	OFF_SITE
553460.00	4181520.00	2.36E-01	1.8	SRCGP3	OFF_SITE
553480.00	4180520.00	4.62E-01	1.8	SRCGP3	OFF_SITE
553480.00	4180540.00	4.99E-01	1.8	SRCGP3	OFF_SITE
553480.00	4180560.00	5.39E-01	1.8	SRCGP3	OFF_SITE
553480.00	4180580.00	5.83E-01	1.8	SRCGP3	OFF_SITE
553480.00	4180600.00	6.32E-01	1.8	SRCGP3	OFF_SITE
553480.00	4180620.00	6.85E-01	1.8	SRCGP3	OFF_SITE
553480.00	4180640.00	7.43E-01	1.8	SRCGP3	OFF_SITE
553480.00	4180660.00	8.06E-01	1.8	SRCGP3	OFF_SITE
553480.00	4180700.00	9.41E-01	1.8	SRCGP3	OFF_SITE
553480.00	4180720.00	1.01E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180760.00	1.15E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180780.00	1.21E+00	1.8	SRCGP3	OFF_SITE

553480.00	4180800.00	1.26E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180820.00	1.31E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180840.00	1.34E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180880.00	1.36E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180900.00	1.35E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180920.00	1.33E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180940.00	1.29E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180960.00	1.25E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181040.00	1.03E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181080.00	9.09E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181100.00	8.53E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181120.00	8.00E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181140.00	7.50E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181160.00	7.03E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181200.00	6.19E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181220.00	5.81E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181240.00	5.45E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181260.00	5.12E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181280.00	4.81E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181300.00	4.53E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181340.00	4.01E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181360.00	3.78E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181380.00	3.56E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181400.00	3.36E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181420.00	3.17E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181440.00	3.00E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181480.00	2.68E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181500.00	2.54E-01	1.8	SRCGP3	OFF_SITE
553480.00	4181520.00	2.41E-01	1.8	SRCGP3	OFF_SITE
553500.00	4180520.00	4.68E-01	1.8	SRCGP3	OFF_SITE
553500.00	4180540.00	5.06E-01	1.8	SRCGP3	OFF_SITE
553500.00	4180560.00	5.48E-01	1.8	SRCGP3	OFF_SITE
553500.00	4180580.00	5.95E-01	1.8	SRCGP3	OFF_SITE
553500.00	4180600.00	6.47E-01	1.8	SRCGP3	OFF_SITE
553500.00	4180620.00	7.04E-01	1.8	SRCGP3	OFF_SITE
553500.00	4180640.00	7.67E-01	1.8	SRCGP3	OFF_SITE
553500.00	4180660.00	8.36E-01	1.8	SRCGP3	OFF_SITE
553500.00	4180700.00	9.89E-01	1.8	SRCGP3	OFF_SITE
553500.00	4180720.00	1.07E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180740.00	1.15E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180780.00	1.31E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180800.00	1.38E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180820.00	1.43E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180840.00	1.48E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180860.00	1.51E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180900.00	1.51E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180920.00	1.49E+00	1.8	SRCGP3	OFF_SITE

553500.00	4180940.00	1.45E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180960.00	1.41E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180980.00	1.35E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181000.00	1.28E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181060.00	1.07E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181080.00	1.00E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181100.00	9.38E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181120.00	8.75E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181140.00	8.17E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181160.00	7.62E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181180.00	7.11E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181220.00	6.20E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181240.00	5.80E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181260.00	5.42E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181280.00	5.08E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181300.00	4.76E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181320.00	4.46E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181360.00	3.93E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181380.00	3.69E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181400.00	3.47E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181420.00	3.27E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181460.00	2.91E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181480.00	2.74E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181500.00	2.59E-01	1.8	SRCGP3	OFF_SITE
553500.00	4181520.00	2.45E-01	1.8	SRCGP3	OFF_SITE
553520.00	4180520.00	4.73E-01	1.8	SRCGP3	OFF_SITE
553520.00	4180540.00	5.13E-01	1.8	SRCGP3	OFF_SITE
553520.00	4180560.00	5.57E-01	1.8	SRCGP3	OFF_SITE
553520.00	4180580.00	6.06E-01	1.8	SRCGP3	OFF_SITE
553520.00	4180600.00	6.61E-01	1.8	SRCGP3	OFF_SITE
553520.00	4180620.00	7.22E-01	1.8	SRCGP3	OFF_SITE
553520.00	4180640.00	7.91E-01	1.8	SRCGP3	OFF_SITE
553520.00	4180660.00	8.66E-01	1.8	SRCGP3	OFF_SITE
553520.00	4180700.00	1.04E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180720.00	1.13E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180740.00	1.23E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180760.00	1.32E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180800.00	1.50E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180820.00	1.58E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180840.00	1.64E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180860.00	1.68E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180880.00	1.70E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180920.00	1.68E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180940.00	1.65E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180960.00	1.59E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180980.00	1.52E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181000.00	1.45E+00	1.8	SRCGP3	OFF_SITE

553520.00	4181080.00	1.11E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181100.00	1.04E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181120.00	9.61E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181140.00	8.92E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181160.00	8.27E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181180.00	7.68E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181200.00	7.13E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181240.00	6.17E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181260.00	5.74E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181280.00	5.35E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181300.00	4.99E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181320.00	4.66E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181340.00	4.36E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181380.00	3.82E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181400.00	3.58E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181440.00	3.16E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181460.00	2.97E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181480.00	2.80E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181500.00	2.64E-01	1.8	SRCGP3	OFF_SITE
553520.00	4181520.00	2.49E-01	1.8	SRCGP3	OFF_SITE
553540.00	4180520.00	4.77E-01	1.8	SRCGP3	OFF_SITE
553540.00	4180540.00	5.18E-01	1.8	SRCGP3	OFF_SITE
553540.00	4180560.00	5.64E-01	1.8	SRCGP3	OFF_SITE
553540.00	4180580.00	6.16E-01	1.8	SRCGP3	OFF_SITE
553540.00	4180600.00	6.74E-01	1.8	SRCGP3	OFF_SITE
553540.00	4180620.00	7.39E-01	1.8	SRCGP3	OFF_SITE
553540.00	4180640.00	8.13E-01	1.8	SRCGP3	OFF_SITE
553540.00	4180660.00	8.95E-01	1.8	SRCGP3	OFF_SITE
553540.00	4180700.00	1.09E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180720.00	1.19E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180740.00	1.31E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180760.00	1.42E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180780.00	1.54E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180820.00	1.74E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180840.00	1.82E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180860.00	1.88E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180880.00	1.92E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180900.00	1.93E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180940.00	1.88E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180960.00	1.82E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180980.00	1.74E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181100.00	1.15E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181120.00	1.06E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181140.00	9.77E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181160.00	9.01E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181180.00	8.31E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181200.00	7.67E-01	1.8	SRCGP3	OFF_SITE

553540.00	4181220.00	7.09E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181260.00	6.08E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181280.00	5.64E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181300.00	5.24E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181320.00	4.87E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181340.00	4.54E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181360.00	4.23E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181420.00	3.45E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181440.00	3.24E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181460.00	3.04E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181480.00	2.85E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181500.00	2.68E-01	1.8	SRCGP3	OFF_SITE
553540.00	4181520.00	2.53E-01	1.8	SRCGP3	OFF_SITE
553560.00	4180520.00	4.81E-01	1.8	SRCGP3	OFF_SITE
553560.00	4180540.00	5.23E-01	1.8	SRCGP3	OFF_SITE
553560.00	4180560.00	5.70E-01	1.8	SRCGP3	OFF_SITE
553560.00	4180580.00	6.24E-01	1.8	SRCGP3	OFF_SITE
553560.00	4180600.00	6.85E-01	1.8	SRCGP3	OFF_SITE
553560.00	4180620.00	7.55E-01	1.8	SRCGP3	OFF_SITE
553560.00	4180640.00	8.33E-01	1.8	SRCGP3	OFF_SITE
553560.00	4180660.00	9.22E-01	1.8	SRCGP3	OFF_SITE
553560.00	4180700.00	1.13E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180720.00	1.26E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180740.00	1.39E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180760.00	1.52E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180780.00	1.66E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180800.00	1.80E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180840.00	2.03E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180860.00	2.12E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180880.00	2.17E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180900.00	2.20E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180920.00	2.20E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181000.00	1.89E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181020.00	1.77E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181120.00	1.17E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181140.00	1.07E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181160.00	9.83E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181180.00	9.01E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181200.00	8.26E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181220.00	7.59E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181240.00	6.98E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181280.00	5.94E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181300.00	5.49E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181320.00	5.08E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181340.00	4.71E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181420.00	3.54E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181440.00	3.31E-01	1.8	SRCGP3	OFF_SITE

553560.00	4181460.00	3.10E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181480.00	2.90E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181500.00	2.72E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181520.00	2.56E-01	1.8	SRCGP3	OFF_SITE
553580.00	4180520.00	4.83E-01	1.8	SRCGP3	OFF_SITE
553580.00	4180540.00	5.26E-01	1.8	SRCGP3	OFF_SITE
553580.00	4180560.00	5.75E-01	1.8	SRCGP3	OFF_SITE
553580.00	4180580.00	6.31E-01	1.8	SRCGP3	OFF_SITE
553580.00	4180600.00	6.95E-01	1.8	SRCGP3	OFF_SITE
553580.00	4180620.00	7.68E-01	1.8	SRCGP3	OFF_SITE
553580.00	4180640.00	8.52E-01	1.8	SRCGP3	OFF_SITE
553580.00	4180660.00	9.48E-01	1.8	SRCGP3	OFF_SITE
553580.00	4180700.00	1.18E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180720.00	1.32E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180740.00	1.47E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180760.00	1.63E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180780.00	1.80E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180800.00	1.97E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180820.00	2.13E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181000.00	2.20E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181020.00	2.05E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181040.00	1.89E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181140.00	1.18E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181160.00	1.08E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181180.00	9.77E-01	1.8	SRCGP3	OFF_SITE
553580.00	4181200.00	8.90E-01	1.8	SRCGP3	OFF_SITE
553580.00	4181220.00	8.12E-01	1.8	SRCGP3	OFF_SITE
553580.00	4181240.00	7.42E-01	1.8	SRCGP3	OFF_SITE
553580.00	4181260.00	6.80E-01	1.8	SRCGP3	OFF_SITE
553580.00	4181300.00	5.74E-01	1.8	SRCGP3	OFF_SITE
553580.00	4181320.00	5.29E-01	1.8	SRCGP3	OFF_SITE
553580.00	4181440.00	3.37E-01	1.8	SRCGP3	OFF_SITE
553580.00	4181460.00	3.15E-01	1.8	SRCGP3	OFF_SITE
553580.00	4181480.00	2.94E-01	1.8	SRCGP3	OFF_SITE
553580.00	4181500.00	2.76E-01	1.8	SRCGP3	OFF_SITE
553580.00	4181520.00	2.59E-01	1.8	SRCGP3	OFF_SITE
553600.00	4180800.00	2.16E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180820.00	2.37E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180840.00	2.56E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180860.00	2.72E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180900.00	2.93E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180920.00	2.96E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180940.00	2.93E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181000.00	2.58E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181020.00	2.39E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181040.00	2.20E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181060.00	2.00E+00	1.8	SRCGP3	OFF_SITE

553600.00	4181160.00	1.18E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181180.00	1.06E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181200.00	9.59E-01	1.8	SRCGP3	OFF_SITE
553600.00	4181220.00	8.69E-01	1.8	SRCGP3	OFF_SITE
553600.00	4181240.00	7.89E-01	1.8	SRCGP3	OFF_SITE
553600.00	4181260.00	7.18E-01	1.8	SRCGP3	OFF_SITE
553600.00	4181280.00	6.55E-01	1.8	SRCGP3	OFF_SITE
553600.00	4181460.00	3.19E-01	1.8	SRCGP3	OFF_SITE
553600.00	4181480.00	2.98E-01	1.8	SRCGP3	OFF_SITE
553600.00	4181500.00	2.78E-01	1.8	SRCGP3	OFF_SITE
553600.00	4181520.00	2.60E-01	1.8	SRCGP3	OFF_SITE
553620.00	4180520.00	4.83E-01	1.8	SRCGP3	OFF_SITE
553620.00	4180540.00	5.28E-01	1.8	SRCGP3	OFF_SITE
553620.00	4180560.00	5.80E-01	1.8	SRCGP3	OFF_SITE
553620.00	4180600.00	7.08E-01	1.8	SRCGP3	OFF_SITE
553620.00	4180620.00	7.88E-01	1.8	SRCGP3	OFF_SITE
553620.00	4180640.00	8.81E-01	1.8	SRCGP3	OFF_SITE
553620.00	4180660.00	9.89E-01	1.8	SRCGP3	OFF_SITE
553620.00	4180700.00	1.26E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180720.00	1.44E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180740.00	1.64E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180760.00	1.86E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180780.00	2.11E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180800.00	2.37E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180820.00	2.64E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180840.00	2.89E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180860.00	3.12E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180900.00	3.42E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180920.00	3.48E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180940.00	3.48E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181000.00	3.06E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181020.00	2.83E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181040.00	2.58E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181060.00	2.32E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181080.00	2.08E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181180.00	1.15E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181200.00	1.03E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181220.00	9.28E-01	1.8	SRCGP3	OFF_SITE
553620.00	4181240.00	8.37E-01	1.8	SRCGP3	OFF_SITE
553620.00	4181260.00	7.56E-01	1.8	SRCGP3	OFF_SITE
553620.00	4181280.00	6.86E-01	1.8	SRCGP3	OFF_SITE
553620.00	4181480.00	3.00E-01	1.8	SRCGP3	OFF_SITE
553620.00	4181500.00	2.80E-01	1.8	SRCGP3	OFF_SITE
553620.00	4181520.00	2.62E-01	1.8	SRCGP3	OFF_SITE
553640.00	4180520.00	4.81E-01	1.8	SRCGP3	OFF_SITE
553640.00	4180540.00	5.26E-01	1.8	SRCGP3	OFF_SITE
553640.00	4180560.00	5.79E-01	1.8	SRCGP3	OFF_SITE



553640.00	4180600.00	7.10E-01	1.8	SRCGP3	OFF_SITE
553640.00	4180620.00	7.93E-01	1.8	SRCGP3	OFF_SITE
553640.00	4180640.00	8.89E-01	1.8	SRCGP3	OFF_SITE
553640.00	4180660.00	1.00E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180700.00	1.30E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180720.00	1.49E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180740.00	1.71E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180760.00	1.97E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180780.00	2.27E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180800.00	2.60E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180820.00	2.94E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180840.00	3.28E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180860.00	3.59E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180900.00	4.04E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180920.00	4.15E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180940.00	4.17E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181000.00	3.70E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181020.00	3.40E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181040.00	3.07E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181060.00	2.74E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181080.00	2.41E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181100.00	2.11E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181200.00	1.11E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181220.00	9.90E-01	1.8	SRCGP3	OFF_SITE
553640.00	4181240.00	8.85E-01	1.8	SRCGP3	OFF_SITE
553640.00	4181260.00	7.95E-01	1.8	SRCGP3	OFF_SITE
553640.00	4181500.00	2.81E-01	1.8	SRCGP3	OFF_SITE
553640.00	4181520.00	2.62E-01	1.8	SRCGP3	OFF_SITE
553660.00	4180520.00	4.77E-01	1.8	SRCGP3	OFF_SITE
553660.00	4180540.00	5.23E-01	1.8	SRCGP3	OFF_SITE
553660.00	4180560.00	5.76E-01	1.8	SRCGP3	OFF_SITE
553660.00	4180600.00	7.09E-01	1.8	SRCGP3	OFF_SITE
553660.00	4180620.00	7.94E-01	1.8	SRCGP3	OFF_SITE
553660.00	4180640.00	8.94E-01	1.8	SRCGP3	OFF_SITE
553660.00	4180660.00	1.01E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180700.00	1.33E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180720.00	1.53E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180740.00	1.78E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180760.00	2.08E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180780.00	2.44E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180800.00	2.84E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180820.00	3.28E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180840.00	3.73E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180860.00	4.16E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180900.00	4.82E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180920.00	5.01E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180940.00	5.08E+00	1.8	SRCGP3	OFF_SITE

553660.00	4181000.00	4.55E+00	1.8	SRCGP3	OFF_SITE
553660.00	4181020.00	4.16E+00	1.8	SRCGP3	OFF_SITE
553660.00	4181040.00	3.73E+00	1.8	SRCGP3	OFF_SITE
553660.00	4181060.00	3.27E+00	1.8	SRCGP3	OFF_SITE
553660.00	4181080.00	2.84E+00	1.8	SRCGP3	OFF_SITE
553660.00	4181100.00	2.44E+00	1.8	SRCGP3	OFF_SITE
553660.00	4181120.00	2.10E+00	1.8	SRCGP3	OFF_SITE
553660.00	4181220.00	1.05E+00	1.8	SRCGP3	OFF_SITE
553660.00	4181240.00	9.34E-01	1.8	SRCGP3	OFF_SITE
553660.00	4181520.00	2.62E-01	1.8	SRCGP3	OFF_SITE
553680.00	4180520.00	4.72E-01	1.8	SRCGP3	OFF_SITE
553680.00	4180540.00	5.18E-01	1.8	SRCGP3	OFF_SITE
553680.00	4180560.00	5.71E-01	1.8	SRCGP3	OFF_SITE
553680.00	4180600.00	7.05E-01	1.8	SRCGP3	OFF_SITE
553680.00	4180620.00	7.91E-01	1.8	SRCGP3	OFF_SITE
553680.00	4180640.00	8.93E-01	1.8	SRCGP3	OFF_SITE
553680.00	4180660.00	1.02E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180700.00	1.35E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180720.00	1.57E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180740.00	1.84E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180760.00	2.18E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180780.00	2.59E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180800.00	3.09E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180820.00	3.65E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180840.00	4.26E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180860.00	4.86E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180900.00	5.84E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180920.00	6.14E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180940.00	6.28E+00	1.8	SRCGP3	OFF_SITE
553680.00	4181000.00	5.71E+00	1.8	SRCGP3	OFF_SITE
553680.00	4181020.00	5.21E+00	1.8	SRCGP3	OFF_SITE
553680.00	4181040.00	4.61E+00	1.8	SRCGP3	OFF_SITE
553680.00	4181060.00	3.99E+00	1.8	SRCGP3	OFF_SITE
553680.00	4181080.00	3.38E+00	1.8	SRCGP3	OFF_SITE
553680.00	4181100.00	2.85E+00	1.8	SRCGP3	OFF_SITE
553680.00	4181120.00	2.39E+00	1.8	SRCGP3	OFF_SITE
553680.00	4181140.00	2.02E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180520.00	4.65E-01	1.8	SRCGP3	OFF_SITE
553700.00	4180540.00	5.10E-01	1.8	SRCGP3	OFF_SITE
553700.00	4180560.00	5.63E-01	1.8	SRCGP3	OFF_SITE
553700.00	4180600.00	6.97E-01	1.8	SRCGP3	OFF_SITE
553700.00	4180620.00	7.84E-01	1.8	SRCGP3	OFF_SITE
553700.00	4180640.00	8.87E-01	1.8	SRCGP3	OFF_SITE
553700.00	4180660.00	1.01E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180700.00	1.35E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180720.00	1.59E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180740.00	1.89E+00	1.8	SRCGP3	OFF_SITE

553700.00	4180760.00	2.26E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180780.00	2.74E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180800.00	3.33E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180820.00	4.05E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180840.00	4.87E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180860.00	5.72E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180900.00	7.19E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180920.00	7.67E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180940.00	7.93E+00	1.8	SRCGP3	OFF_SITE
553700.00	4181000.00	7.35E+00	1.8	SRCGP3	OFF_SITE
553700.00	4181020.00	6.70E+00	1.8	SRCGP3	OFF_SITE
553700.00	4181040.00	5.87E+00	1.8	SRCGP3	OFF_SITE
553700.00	4181060.00	4.97E+00	1.8	SRCGP3	OFF_SITE
553700.00	4181080.00	4.11E+00	1.8	SRCGP3	OFF_SITE
553700.00	4181100.00	3.36E+00	1.8	SRCGP3	OFF_SITE
553700.00	4181120.00	2.74E+00	1.8	SRCGP3	OFF_SITE
553700.00	4181140.00	2.26E+00	1.8	SRCGP3	OFF_SITE
553720.00	4180520.00	4.56E-01	1.8	SRCGP3	OFF_SITE
553720.00	4180540.00	5.01E-01	1.8	SRCGP3	OFF_SITE
553720.00	4180560.00	5.53E-01	1.8	SRCGP3	OFF_SITE
553720.00	4180600.00	6.86E-01	1.8	SRCGP3	OFF_SITE
553720.00	4180620.00	7.72E-01	1.8	SRCGP3	OFF_SITE
553720.00	4180640.00	8.75E-01	1.8	SRCGP3	OFF_SITE
553720.00	4180660.00	1.00E+00	1.8	SRCGP3	OFF_SITE
553740.00	4180520.00	4.46E-01	1.8	SRCGP3	OFF_SITE
553740.00	4180540.00	4.90E-01	1.8	SRCGP3	OFF_SITE
553740.00	4180560.00	5.41E-01	1.8	SRCGP3	OFF_SITE
553760.00	4180620.00	7.36E-01	1.8	SRCGP3	OFF_SITE
553760.00	4180640.00	8.35E-01	1.8	SRCGP3	OFF_SITE
553760.00	4180660.00	9.57E-01	1.8	SRCGP3	OFF_SITE
553760.00	4180680.00	1.11E+00	1.8	SRCGP3	OFF_SITE
553760.00	4180720.00	1.55E+00	1.8	SRCGP3	OFF_SITE
553760.00	4180740.00	1.87E+00	1.8	SRCGP3	OFF_SITE
553760.00	4180760.00	2.32E+00	1.8	SRCGP3	OFF_SITE
553760.00	4180780.00	2.93E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180520.00	4.21E-01	1.8	SRCGP3	OFF_SITE
553780.00	4180540.00	4.63E-01	1.8	SRCGP3	OFF_SITE
553780.00	4180560.00	5.10E-01	1.8	SRCGP3	OFF_SITE
553780.00	4180580.00	5.66E-01	1.8	SRCGP3	OFF_SITE
553780.00	4180600.00	6.33E-01	1.8	SRCGP3	OFF_SITE
553780.00	4180620.00	7.12E-01	1.8	SRCGP3	OFF_SITE
553780.00	4180640.00	8.07E-01	1.8	SRCGP3	OFF_SITE
553780.00	4180660.00	9.25E-01	1.8	SRCGP3	OFF_SITE
553780.00	4180680.00	1.07E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180720.00	1.50E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180740.00	1.82E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180760.00	2.25E+00	1.8	SRCGP3	OFF_SITE

553780.00	4180780.00	2.87E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180520.00	4.08E-01	1.8	SRCGP3	OFF_SITE
553800.00	4180540.00	4.47E-01	1.8	SRCGP3	OFF_SITE
553800.00	4180560.00	4.93E-01	1.8	SRCGP3	OFF_SITE
553800.00	4180580.00	5.46E-01	1.8	SRCGP3	OFF_SITE
553800.00	4180600.00	6.10E-01	1.8	SRCGP3	OFF_SITE
553800.00	4180620.00	6.85E-01	1.8	SRCGP3	OFF_SITE
553800.00	4180640.00	7.76E-01	1.8	SRCGP3	OFF_SITE
553800.00	4180660.00	8.87E-01	1.8	SRCGP3	OFF_SITE
553800.00	4180680.00	1.03E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180720.00	1.43E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180740.00	1.73E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180760.00	2.15E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180780.00	2.75E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180520.00	3.93E-01	1.8	SRCGP3	OFF_SITE
553820.00	4180540.00	4.31E-01	1.8	SRCGP3	OFF_SITE
553820.00	4180560.00	4.74E-01	1.8	SRCGP3	OFF_SITE
553820.00	4180580.00	5.25E-01	1.8	SRCGP3	OFF_SITE
553820.00	4180620.00	6.56E-01	1.8	SRCGP3	OFF_SITE
553820.00	4180640.00	7.42E-01	1.8	SRCGP3	OFF_SITE
553820.00	4180660.00	8.46E-01	1.8	SRCGP3	OFF_SITE
553820.00	4180680.00	9.76E-01	1.8	SRCGP3	OFF_SITE
553820.00	4180720.00	1.35E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180740.00	1.63E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180760.00	2.02E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180780.00	2.57E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180520.00	3.78E-01	1.8	SRCGP3	OFF_SITE
553840.00	4180540.00	4.14E-01	1.8	SRCGP3	OFF_SITE
553840.00	4180560.00	4.55E-01	1.8	SRCGP3	OFF_SITE
553840.00	4180580.00	5.03E-01	1.8	SRCGP3	OFF_SITE
553840.00	4180620.00	6.26E-01	1.8	SRCGP3	OFF_SITE
553840.00	4180640.00	7.06E-01	1.8	SRCGP3	OFF_SITE
553840.00	4180660.00	8.03E-01	1.8	SRCGP3	OFF_SITE
553840.00	4180680.00	9.23E-01	1.8	SRCGP3	OFF_SITE
553840.00	4180720.00	1.27E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180740.00	1.52E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180760.00	1.87E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180780.00	2.37E+00	1.8	SRCGP3	OFF_SITE
553860.00	4180520.00	3.63E-01	1.8	SRCGP3	OFF_SITE
553860.00	4180540.00	3.97E-01	1.8	SRCGP3	OFF_SITE
553860.00	4180560.00	4.35E-01	1.8	SRCGP3	OFF_SITE
553860.00	4180580.00	4.80E-01	1.8	SRCGP3	OFF_SITE
553860.00	4180620.00	5.95E-01	1.8	SRCGP3	OFF_SITE
553860.00	4180640.00	6.69E-01	1.8	SRCGP3	OFF_SITE
553860.00	4180660.00	7.59E-01	1.8	SRCGP3	OFF_SITE
553860.00	4180680.00	8.70E-01	1.8	SRCGP3	OFF_SITE
553860.00	4180720.00	1.18E+00	1.8	SRCGP3	OFF_SITE

553860.00	4180740.00	1.41E+00	1.8	SRCGP3	OFF_SITE
553860.00	4180760.00	1.73E+00	1.8	SRCGP3	OFF_SITE
553860.00	4180780.00	2.16E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180520.00	3.49E-01	1.8	SRCGP3	OFF_SITE
553880.00	4180540.00	3.80E-01	1.8	SRCGP3	OFF_SITE
553880.00	4180560.00	4.17E-01	1.8	SRCGP3	OFF_SITE
553880.00	4180580.00	4.59E-01	1.8	SRCGP3	OFF_SITE
553880.00	4180620.00	5.65E-01	1.8	SRCGP3	OFF_SITE
553880.00	4180640.00	6.34E-01	1.8	SRCGP3	OFF_SITE
553880.00	4180660.00	7.17E-01	1.8	SRCGP3	OFF_SITE
553880.00	4180680.00	8.19E-01	1.8	SRCGP3	OFF_SITE
553880.00	4180720.00	1.10E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180740.00	1.31E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180760.00	1.59E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180780.00	1.99E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180520.00	3.35E-01	1.8	SRCGP3	OFF_SITE
553900.00	4180540.00	3.64E-01	1.8	SRCGP3	OFF_SITE
553900.00	4180560.00	3.98E-01	1.8	SRCGP3	OFF_SITE
553900.00	4180580.00	4.38E-01	1.8	SRCGP3	OFF_SITE
553900.00	4180620.00	5.37E-01	1.8	SRCGP3	OFF_SITE
553900.00	4180640.00	6.01E-01	1.8	SRCGP3	OFF_SITE
553900.00	4180660.00	6.78E-01	1.8	SRCGP3	OFF_SITE
553900.00	4180680.00	7.71E-01	1.8	SRCGP3	OFF_SITE
553900.00	4180720.00	1.03E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180740.00	1.23E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180760.00	1.48E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180780.00	1.85E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180520.00	3.21E-01	1.8	SRCGP3	OFF_SITE
553920.00	4180540.00	3.49E-01	1.8	SRCGP3	OFF_SITE
553920.00	4180560.00	3.81E-01	1.8	SRCGP3	OFF_SITE
553920.00	4180580.00	4.18E-01	1.8	SRCGP3	OFF_SITE
553920.00	4180620.00	5.11E-01	1.8	SRCGP3	OFF_SITE
553920.00	4180640.00	5.71E-01	1.8	SRCGP3	OFF_SITE
553920.00	4180660.00	6.43E-01	1.8	SRCGP3	OFF_SITE
553920.00	4180680.00	7.30E-01	1.8	SRCGP3	OFF_SITE
553920.00	4180720.00	9.76E-01	1.8	SRCGP3	OFF_SITE
553920.00	4180740.00	1.16E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180760.00	1.40E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180780.00	1.75E+00	1.8	SRCGP3	OFF_SITE
553940.00	4180520.00	3.09E-01	1.8	SRCGP3	OFF_SITE
553940.00	4180540.00	3.35E-01	1.8	SRCGP3	OFF_SITE
553940.00	4180560.00	3.65E-01	1.8	SRCGP3	OFF_SITE
553940.00	4180580.00	4.00E-01	1.8	SRCGP3	OFF_SITE
553940.00	4180620.00	4.88E-01	1.8	SRCGP3	OFF_SITE
553940.00	4180640.00	5.44E-01	1.8	SRCGP3	OFF_SITE
553940.00	4180660.00	6.12E-01	1.8	SRCGP3	OFF_SITE
553940.00	4180680.00	6.94E-01	1.8	SRCGP3	OFF_SITE

553940.00	4180720.00	9.29E-01	1.8	SRCGP3	OFF_SITE
553940.00	4180740.00	1.10E+00	1.8	SRCGP3	OFF_SITE
553940.00	4180760.00	1.34E+00	1.8	SRCGP3	OFF_SITE
553940.00	4180780.00	1.68E+00	1.8	SRCGP3	OFF_SITE
553960.00	4180520.00	2.97E-01	1.8	SRCGP3	OFF_SITE
553960.00	4180540.00	3.22E-01	1.8	SRCGP3	OFF_SITE
553960.00	4180560.00	3.51E-01	1.8	SRCGP3	OFF_SITE
553960.00	4180580.00	3.84E-01	1.8	SRCGP3	OFF_SITE
553960.00	4180620.00	4.68E-01	1.8	SRCGP3	OFF_SITE
553960.00	4180640.00	5.21E-01	1.8	SRCGP3	OFF_SITE
553960.00	4180660.00	5.86E-01	1.8	SRCGP3	OFF_SITE
553960.00	4180680.00	6.65E-01	1.8	SRCGP3	OFF_SITE
553960.00	4180720.00	8.92E-01	1.8	SRCGP3	OFF_SITE
553960.00	4180740.00	1.06E+00	1.8	SRCGP3	OFF_SITE
553960.00	4180760.00	1.30E+00	1.8	SRCGP3	OFF_SITE
553980.00	4180520.00	2.87E-01	1.8	SRCGP3	OFF_SITE
553980.00	4180540.00	3.11E-01	1.8	SRCGP3	OFF_SITE
553980.00	4180560.00	3.38E-01	1.8	SRCGP3	OFF_SITE
553980.00	4180580.00	3.70E-01	1.8	SRCGP3	OFF_SITE
553980.00	4180620.00	4.50E-01	1.8	SRCGP3	OFF_SITE
553980.00	4180640.00	5.01E-01	1.8	SRCGP3	OFF_SITE
553980.00	4180660.00	5.64E-01	1.8	SRCGP3	OFF_SITE
553980.00	4180680.00	6.41E-01	1.8	SRCGP3	OFF_SITE
553560.00	4181180.00	9.01E-01	1.8	SRCGP3	OFF_SITE
553920.00	4180660.00	6.43E-01	1.8	SRCGP3	OFF_SITE
553700.00	4180920.00	7.67E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180920.00	2.20E+00	1.8	SRCGP3	OFF_SITE
553680.00	4181060.00	3.99E+00	1.8	SRCGP3	OFF_SITE
553760.00	4181080.00	8.72E+00	1.8	SRCGP3	R_A1_BA
553780.00	4181080.00	1.22E+01	1.8	SRCGP3	R_A1_BA
553760.00	4181100.00	5.87E+00	1.8	SRCGP3	R_A1_BA
553780.00	4181100.00	7.14E+00	1.8	SRCGP3	R_A1_BA
553760.00	4181120.00	4.17E+00	1.8	SRCGP3	R_A1_BA
553780.00	4181120.00	4.74E+00	1.8	SRCGP3	R_A1_BA
553760.00	4181140.00	3.12E+00	1.8	SRCGP3	R_A1_BA
553780.00	4181140.00	3.40E+00	1.8	SRCGP3	R_A1_BA
553760.00	4181000.00	1.95E+01	1.8	SRCGP3	R_A1_BB
553780.00	4181000.00	2.99E+01	1.8	SRCGP3	R_A1_BB
553760.00	4181020.00	1.83E+01	1.8	SRCGP3	R_A1_BB
553780.00	4181020.00	2.88E+01	1.8	SRCGP3	R_A1_BB
553760.00	4181040.00	1.62E+01	1.8	SRCGP3	R_A1_BB
553780.00	4181040.00	2.62E+01	1.8	SRCGP3	R_A1_BB
553780.00	4181060.00	2.08E+01	1.8	SRCGP3	R_A1_BB
553760.00	4180900.00	1.61E+01	1.8	SRCGP3	R_A1_BC
553780.00	4180900.00	2.37E+01	1.8	SRCGP3	R_A1_BC
553760.00	4180920.00	1.81E+01	1.8	SRCGP3	R_A1_BC
553780.00	4180920.00	2.70E+01	1.8	SRCGP3	R_A1_BC

553760.00	4180940.00	1.93E+01	1.8	SRCGP3	R_A1_BC
553780.00	4180940.00	2.88E+01	1.8	SRCGP3	R_A1_BC
553760.00	4180960.00	1.99E+01	1.8	SRCGP3	R_A1_BC
553780.00	4180960.00	2.98E+01	1.8	SRCGP3	R_A1_BC
553760.00	4180820.00	5.10E+00	1.8	SRCGP3	R_A1_BD1
553780.00	4180820.00	5.21E+00	1.8	SRCGP3	R_A1_BD1
553760.00	4180840.00	7.02E+00	1.8	SRCGP3	R_A1_BD1
553780.00	4180840.00	7.53E+00	1.8	SRCGP3	R_A1_BD1
553760.00	4180860.00	9.78E+00	1.8	SRCGP3	R_A1_BD1
553780.00	4180860.00	1.14E+01	1.8	SRCGP3	R_A1_BD1
553760.00	4180880.00	1.31E+01	1.8	SRCGP3	R_A1_BD1
553800.00	4180820.00	5.10E+00	1.8	SRCGP3	R_A1_BD2
553820.00	4180820.00	4.77E+00	1.8	SRCGP3	R_A1_BD2
553840.00	4180820.00	4.32E+00	1.8	SRCGP3	R_A1_BD2
553860.00	4180820.00	3.88E+00	1.8	SRCGP3	R_A1_BD2
553880.00	4180820.00	3.53E+00	1.8	SRCGP3	R_A1_BD2
553800.00	4180840.00	7.61E+00	1.8	SRCGP3	R_A1_BD2
553820.00	4180840.00	7.22E+00	1.8	SRCGP3	R_A1_BD2
553840.00	4180840.00	6.56E+00	1.8	SRCGP3	R_A1_BD2
553860.00	4180840.00	5.84E+00	1.8	SRCGP3	R_A1_BD2
553880.00	4180840.00	5.26E+00	1.8	SRCGP3	R_A1_BD2
553800.00	4180860.00	1.24E+01	1.8	SRCGP3	R_A1_BD2
553820.00	4180860.00	1.22E+01	1.8	SRCGP3	R_A1_BD2
553840.00	4180860.00	1.15E+01	1.8	SRCGP3	R_A1_BD2
553860.00	4180860.00	1.03E+01	1.8	SRCGP3	R_A1_BD2
553880.00	4180860.00	8.95E+00	1.8	SRCGP3	R_A1_BD2
553780.00	4180880.00	1.77E+01	1.8	SRCGP3	R_A1_BD2
553800.00	4180880.00	2.25E+01	1.8	SRCGP3	R_A1_BD2
553820.00	4180880.00	2.48E+01	1.8	SRCGP3	R_A1_BD2
553840.00	4180880.00	2.55E+01	1.8	SRCGP3	R_A1_BD2
553860.00	4180880.00	2.32E+01	1.8	SRCGP3	R_A1_BD2
553820.00	4181100.00	1.05E+01	1.8	SRCGP3	R_A2_BG
553840.00	4181100.00	1.21E+01	1.8	SRCGP3	R_A2_BG
553860.00	4181100.00	1.29E+01	1.8	SRCGP3	R_A2_BG
553820.00	4181120.00	5.98E+00	1.8	SRCGP3	R_A2_BG
553840.00	4181120.00	6.63E+00	1.8	SRCGP3	R_A2_BG
553860.00	4181120.00	7.14E+00	1.8	SRCGP3	R_A2_BG
553900.00	4181100.00	1.16E+01	1.8	SRCGP3	R_A2_BK
553920.00	4181100.00	9.82E+00	1.8	SRCGP3	R_A2_BK
553900.00	4181120.00	7.26E+00	1.8	SRCGP3	R_A2_BK
553920.00	4181120.00	6.79E+00	1.8	SRCGP3	R_A2_BK
553860.00	4181140.00	4.53E+00	1.8	SRCGP3	R_A2_PK
553880.00	4181140.00	4.74E+00	1.8	SRCGP3	R_A2_PK
553900.00	4181140.00	4.83E+00	1.8	SRCGP3	R_A2_PK
553920.00	4181140.00	4.76E+00	1.8	SRCGP3	R_A2_PK
553800.00	4181160.00	2.72E+00	1.8	SRCGP3	R_A2_PK
553820.00	4181160.00	2.85E+00	1.8	SRCGP3	R_A2_PK

553840.00	4181160.00	2.99E+00	1.8	SRCGP3	R_A2_PK
553860.00	4181160.00	3.14E+00	1.8	SRCGP3	R_A2_PK
553880.00	4181160.00	3.29E+00	1.8	SRCGP3	R_A2_PK
553900.00	4181160.00	3.40E+00	1.8	SRCGP3	R_A2_PK
553920.00	4181160.00	3.44E+00	1.8	SRCGP3	R_A2_PK
553740.00	4181180.00	1.83E+00	1.8	SRCGP3	R_A2_PK
553760.00	4181180.00	1.94E+00	1.8	SRCGP3	R_A2_PK
553780.00	4181180.00	2.02E+00	1.8	SRCGP3	R_A2_PK
553800.00	4181180.00	2.10E+00	1.8	SRCGP3	R_A2_PK
553820.00	4181180.00	2.16E+00	1.8	SRCGP3	R_A2_PK
553840.00	4181180.00	2.24E+00	1.8	SRCGP3	R_A2_PK
553860.00	4181180.00	2.33E+00	1.8	SRCGP3	R_A2_PK
553880.00	4181180.00	2.42E+00	1.8	SRCGP3	R_A2_PK
553900.00	4181180.00	2.51E+00	1.8	SRCGP3	R_A2_PK
553920.00	4181180.00	2.57E+00	1.8	SRCGP3	R_A2_PK
553740.00	4181200.00	1.52E+00	1.8	SRCGP3	R_A2_PK
553760.00	4181200.00	1.58E+00	1.8	SRCGP3	R_A2_PK
553780.00	4181200.00	1.63E+00	1.8	SRCGP3	R_A2_PK
553800.00	4181200.00	1.67E+00	1.8	SRCGP3	R_A2_PK
553820.00	4181200.00	1.71E+00	1.8	SRCGP3	R_A2_PK
553840.00	4181200.00	1.75E+00	1.8	SRCGP3	R_A2_PK
553860.00	4181200.00	1.80E+00	1.8	SRCGP3	R_A2_PK
553880.00	4181200.00	1.86E+00	1.8	SRCGP3	R_A2_PK
553900.00	4181200.00	1.93E+00	1.8	SRCGP3	R_A2_PK
553920.00	4181200.00	1.99E+00	1.8	SRCGP3	R_A2_PK
553840.00	4180920.00	6.33E+01	1.8	SRCGP3	R_A3_BE
553860.00	4180920.00	6.07E+01	1.8	SRCGP3	R_A3_BE
553820.00	4180940.00	6.02E+01	1.8	SRCGP3	R_A3_BE
553840.00	4180940.00	6.66E+01	1.8	SRCGP3	R_A3_BE
553860.00	4180940.00	6.40E+01	1.8	SRCGP3	R_A3_BE
553820.00	4181040.00	5.82E+01	1.8	SRCGP3	R_A3_BF
553840.00	4181040.00	6.37E+01	1.8	SRCGP3	R_A3_BF
553860.00	4181040.00	6.01E+01	1.8	SRCGP3	R_A3_BF
553820.00	4181060.00	5.05E+01	1.8	SRCGP3	R_A3_BF
553840.00	4181060.00	5.57E+01	1.8	SRCGP3	R_A3_BF
553860.00	4181060.00	5.32E+01	1.8	SRCGP3	R_A3_BF
553800.00	4180960.00	4.55E+01	1.8	SRCGP3	R_A3_SQ
553820.00	4180960.00	6.16E+01	1.8	SRCGP3	R_A3_SQ
553840.00	4180960.00	6.79E+01	1.8	SRCGP3	R_A3_SQ
553860.00	4180960.00	6.51E+01	1.8	SRCGP3	R_A3_SQ
553800.00	4180980.00	4.63E+01	1.8	SRCGP3	R_A3_SQ
553820.00	4180980.00	6.22E+01	1.8	SRCGP3	R_A3_SQ
553840.00	4180980.00	6.82E+01	1.8	SRCGP3	R_A3_SQ
553860.00	4180980.00	6.52E+01	1.8	SRCGP3	R_A3_SQ
553800.00	4181000.00	4.64E+01	1.8	SRCGP3	R_A3_SQ
553820.00	4181000.00	6.21E+01	1.8	SRCGP3	R_A3_SQ
553840.00	4181000.00	6.78E+01	1.8	SRCGP3	R_A3_SQ



553860.00	4181000.00	6.45E+01	1.8	SRCGP3	R_A3_SQ
553800.00	4181020.00	4.56E+01	1.8	SRCGP3	R_A3_SQ
553820.00	4181020.00	6.10E+01	1.8	SRCGP3	R_A3_SQ
553840.00	4181020.00	6.66E+01	1.8	SRCGP3	R_A3_SQ
553860.00	4181020.00	6.31E+01	1.8	SRCGP3	R_A3_SQ
553900.00	4180920.00	3.23E+01	1.8	SRCGP3	R_A4_BI
553920.00	4180920.00	2.07E+01	1.8	SRCGP3	R_A4_BI
553900.00	4180940.00	3.49E+01	1.8	SRCGP3	R_A4_BI
553920.00	4180940.00	2.30E+01	1.8	SRCGP3	R_A4_BI
553900.00	4180960.00	3.57E+01	1.8	SRCGP3	R_A4_BI
553920.00	4180960.00	2.41E+01	1.8	SRCGP3	R_A4_BI
553900.00	4181000.00	3.49E+01	1.8	SRCGP3	R_A4_BJ
553920.00	4181000.00	2.39E+01	1.8	SRCGP3	R_A4_BJ
553900.00	4181020.00	3.34E+01	1.8	SRCGP3	R_A4_BJ
553920.00	4181020.00	2.29E+01	1.8	SRCGP3	R_A4_BJ
553900.00	4181040.00	3.08E+01	1.8	SRCGP3	R_A4_BJ
553920.00	4181040.00	2.10E+01	1.8	SRCGP3	R_A4_BJ
553900.00	4181060.00	2.62E+01	1.8	SRCGP3	R_A4_BJ
553920.00	4181060.00	1.79E+01	1.8	SRCGP3	R_A4_BJ
553900.00	4181000.00	3.49E+01	1.8	SRCGP3	R_A4_BJ
553920.00	4181000.00	2.39E+01	1.8	SRCGP3	R_A4_BJ
553900.00	4180980.00	3.56E+01	1.8	SRCGP3	R_A4_CL
553920.00	4180980.00	2.43E+01	1.8	SRCGP3	R_A4_CL
553940.00	4180980.00	1.77E+01	1.8	SRCGP3	R_A4_CL
553880.00	4181000.00	5.22E+01	1.8	SRCGP3	R_A4_CL
553940.00	4181000.00	1.75E+01	1.8	SRCGP3	R_A4_CL
553940.00	4181080.00	1.08E+01	1.8	SRCGP3	R_A4_CL
553880.00	4180980.00	5.30E+01	1.8	SRCGP3	R_A4_CL
553600.00	4181380.00	4.30E-01	1.8	SRCGP3	R_ATT
553600.00	4181400.00	3.98E-01	1.8	SRCGP3	R_ATT
553620.00	4181340.00	5.21E-01	1.8	SRCGP3	R_ATT
553620.00	4181360.00	4.78E-01	1.8	SRCGP3	R_ATT
553620.00	4181380.00	4.40E-01	1.8	SRCGP3	R_ATT
553620.00	4181400.00	4.06E-01	1.8	SRCGP3	R_ATT
553620.00	4181420.00	3.75E-01	1.8	SRCGP3	R_ATT
553640.00	4181340.00	5.35E-01	1.8	SRCGP3	R_ATT
553640.00	4181320.00	5.88E-01	1.8	SRCGP3	R_ATT
553640.00	4181360.00	4.89E-01	1.8	SRCGP3	R_ATT
553640.00	4181380.00	4.48E-01	1.8	SRCGP3	R_ATT
553640.00	4181400.00	4.12E-01	1.8	SRCGP3	R_ATT
553640.00	4181420.00	3.80E-01	1.8	SRCGP3	R_ATT
553640.00	4181440.00	3.51E-01	1.8	SRCGP3	R_ATT
553660.00	4181320.00	6.04E-01	1.8	SRCGP3	R_ATT
553660.00	4181340.00	5.48E-01	1.8	SRCGP3	R_ATT
553660.00	4181360.00	4.98E-01	1.8	SRCGP3	R_ATT
553660.00	4181380.00	4.55E-01	1.8	SRCGP3	R_ATT
553660.00	4181400.00	4.17E-01	1.8	SRCGP3	R_ATT

553660.00	4181420.00	3.83E-01	1.8	SRCGP3	R_ATT
553660.00	4181440.00	3.53E-01	1.8	SRCGP3	R_ATT
553660.00	4181460.00	3.26E-01	1.8	SRCGP3	R_ATT
553680.00	4181360.00	5.06E-01	1.8	SRCGP3	R_ATT
553680.00	4181380.00	4.60E-01	1.8	SRCGP3	R_ATT
553680.00	4181400.00	4.20E-01	1.8	SRCGP3	R_ATT
553680.00	4181420.00	3.85E-01	1.8	SRCGP3	R_ATT
553680.00	4181440.00	3.54E-01	1.8	SRCGP3	R_ATT
553680.00	4181460.00	3.27E-01	1.8	SRCGP3	R_ATT
553680.00	4181480.00	3.02E-01	1.8	SRCGP3	R_ATT
553680.00	4181340.00	5.58E-01	1.8	SRCGP3	R_ATT
553680.00	4181320.00	6.18E-01	1.8	SRCGP3	R_ATT
553700.00	4181360.00	5.10E-01	1.8	SRCGP3	R_ATT
553700.00	4181380.00	4.63E-01	1.8	SRCGP3	R_ATT
553700.00	4181400.00	4.21E-01	1.8	SRCGP3	R_ATT
553700.00	4181420.00	3.85E-01	1.8	SRCGP3	R_ATT
553700.00	4181440.00	3.54E-01	1.8	SRCGP3	R_ATT
553700.00	4181460.00	3.26E-01	1.8	SRCGP3	R_ATT
553700.00	4181480.00	3.01E-01	1.8	SRCGP3	R_ATT
553700.00	4181500.00	2.79E-01	1.8	SRCGP3	R_ATT
553700.00	4181340.00	5.65E-01	1.8	SRCGP3	R_ATT
553700.00	4181320.00	6.29E-01	1.8	SRCGP3	R_ATT
553720.00	4181360.00	5.13E-01	1.8	SRCGP3	R_ATT
553720.00	4181380.00	4.64E-01	1.8	SRCGP3	R_ATT
553720.00	4181400.00	4.21E-01	1.8	SRCGP3	R_ATT
553720.00	4181420.00	3.84E-01	1.8	SRCGP3	R_ATT
553720.00	4181440.00	3.52E-01	1.8	SRCGP3	R_ATT
553720.00	4181460.00	3.24E-01	1.8	SRCGP3	R_ATT
553720.00	4181480.00	2.99E-01	1.8	SRCGP3	R_ATT
553720.00	4181500.00	2.77E-01	1.8	SRCGP3	R_ATT
553720.00	4181520.00	2.57E-01	1.8	SRCGP3	R_ATT
553720.00	4181340.00	5.70E-01	1.8	SRCGP3	R_ATT
553720.00	4181320.00	6.37E-01	1.8	SRCGP3	R_ATT
553740.00	4181360.00	5.13E-01	1.8	SRCGP3	R_ATT
553740.00	4181380.00	4.62E-01	1.8	SRCGP3	R_ATT
553740.00	4181400.00	4.19E-01	1.8	SRCGP3	R_ATT
553740.00	4181420.00	3.82E-01	1.8	SRCGP3	R_ATT
553740.00	4181440.00	3.50E-01	1.8	SRCGP3	R_ATT
553740.00	4181460.00	3.21E-01	1.8	SRCGP3	R_ATT
553740.00	4181480.00	2.96E-01	1.8	SRCGP3	R_ATT
553740.00	4181500.00	2.74E-01	1.8	SRCGP3	R_ATT
553740.00	4181520.00	2.54E-01	1.8	SRCGP3	R_ATT
553740.00	4181340.00	5.71E-01	1.8	SRCGP3	R_ATT
553740.00	4181320.00	6.41E-01	1.8	SRCGP3	R_ATT
553760.00	4181360.00	5.10E-01	1.8	SRCGP3	R_ATT
553760.00	4181380.00	4.60E-01	1.8	SRCGP3	R_ATT
553760.00	4181400.00	4.16E-01	1.8	SRCGP3	R_ATT

553760.00	4181420.00	3.79E-01	1.8	SRCGP3	R_ATT
553760.00	4181440.00	3.46E-01	1.8	SRCGP3	R_ATT
553760.00	4181460.00	3.18E-01	1.8	SRCGP3	R_ATT
553760.00	4181480.00	2.93E-01	1.8	SRCGP3	R_ATT
553760.00	4181500.00	2.71E-01	1.8	SRCGP3	R_ATT
553760.00	4181520.00	2.51E-01	1.8	SRCGP3	R_ATT
553760.00	4181340.00	5.70E-01	1.8	SRCGP3	R_ATT
553760.00	4181320.00	6.41E-01	1.8	SRCGP3	R_ATT
553780.00	4181360.00	5.07E-01	1.8	SRCGP3	R_ATT
553780.00	4181380.00	4.56E-01	1.8	SRCGP3	R_ATT
553780.00	4181400.00	4.13E-01	1.8	SRCGP3	R_ATT
553780.00	4181420.00	3.75E-01	1.8	SRCGP3	R_ATT
553780.00	4181440.00	3.43E-01	1.8	SRCGP3	R_ATT
553780.00	4181460.00	3.14E-01	1.8	SRCGP3	R_ATT
553780.00	4181480.00	2.90E-01	1.8	SRCGP3	R_ATT
553780.00	4181500.00	2.68E-01	1.8	SRCGP3	R_ATT
553780.00	4181520.00	2.48E-01	1.8	SRCGP3	R_ATT
553780.00	4181340.00	5.67E-01	1.8	SRCGP3	R_ATT
553800.00	4181360.00	5.03E-01	1.8	SRCGP3	R_ATT
553800.00	4181380.00	4.52E-01	1.8	SRCGP3	R_ATT
553800.00	4181400.00	4.09E-01	1.8	SRCGP3	R_ATT
553800.00	4181420.00	3.71E-01	1.8	SRCGP3	R_ATT
553800.00	4181440.00	3.39E-01	1.8	SRCGP3	R_ATT
553800.00	4181460.00	3.11E-01	1.8	SRCGP3	R_ATT
553800.00	4181480.00	2.86E-01	1.8	SRCGP3	R_ATT
553800.00	4181500.00	2.65E-01	1.8	SRCGP3	R_ATT
553800.00	4181520.00	2.45E-01	1.8	SRCGP3	R_ATT
553820.00	4181360.00	5.00E-01	1.8	SRCGP3	R_ATT
553820.00	4181380.00	4.49E-01	1.8	SRCGP3	R_ATT
553820.00	4181400.00	4.05E-01	1.8	SRCGP3	R_ATT
553820.00	4181420.00	3.68E-01	1.8	SRCGP3	R_ATT
553820.00	4181440.00	3.36E-01	1.8	SRCGP3	R_ATT
553820.00	4181460.00	3.08E-01	1.8	SRCGP3	R_ATT
553820.00	4181480.00	2.83E-01	1.8	SRCGP3	R_ATT
553820.00	4181500.00	2.62E-01	1.8	SRCGP3	R_ATT
553820.00	4181520.00	2.43E-01	1.8	SRCGP3	R_ATT
553840.00	4181360.00	4.98E-01	1.8	SRCGP3	R_ATT
553840.00	4181380.00	4.46E-01	1.8	SRCGP3	R_ATT
553840.00	4181400.00	4.03E-01	1.8	SRCGP3	R_ATT
553840.00	4181420.00	3.65E-01	1.8	SRCGP3	R_ATT
553840.00	4181440.00	3.33E-01	1.8	SRCGP3	R_ATT
553840.00	4181460.00	3.05E-01	1.8	SRCGP3	R_ATT
553840.00	4181480.00	2.81E-01	1.8	SRCGP3	R_ATT
553840.00	4181500.00	2.60E-01	1.8	SRCGP3	R_ATT
553840.00	4181520.00	2.41E-01	1.8	SRCGP3	R_ATT
553920.00	4180820.00	3.14E+00	1.8	SRCGP3	R_B4_BH
553940.00	4180820.00	3.00E+00	1.8	SRCGP3	R_B4_BH

553920.00	4180840.00	4.61E+00	1.8	SRCGP3	R_B4_BH
553940.00	4180840.00	4.29E+00	1.8	SRCGP3	R_B4_BH
553900.00	4180860.00	8.09E+00	1.8	SRCGP3	R_B4_BH
553920.00	4180860.00	7.24E+00	1.8	SRCGP3	R_B4_BH
553940.00	4180860.00	6.29E+00	1.8	SRCGP3	R_B4_BH
553900.00	4180880.00	1.52E+01	1.8	SRCGP3	R_B4_BH
553920.00	4180880.00	1.16E+01	1.8	SRCGP3	R_B4_BH
553960.00	4181040.00	1.18E+01	1.8	SRCGP3	R_PIER48
553980.00	4181040.00	9.42E+00	1.8	SRCGP3	R_PIER48
554000.00	4181040.00	7.69E+00	1.8	SRCGP3	R_PIER48
553960.00	4181060.00	1.04E+01	1.8	SRCGP3	R_PIER48
553980.00	4181060.00	8.41E+00	1.8	SRCGP3	R_PIER48
554000.00	4181060.00	6.96E+00	1.8	SRCGP3	R_PIER48
554020.00	4181060.00	5.86E+00	1.8	SRCGP3	R_PIER48
554040.00	4181060.00	5.00E+00	1.8	SRCGP3	R_PIER48
554060.00	4181060.00	4.32E+00	1.8	SRCGP3	R_PIER48
554080.00	4181060.00	3.77E+00	1.8	SRCGP3	R_PIER48
554100.00	4181060.00	3.31E+00	1.8	SRCGP3	R_PIER48
554120.00	4181060.00	2.94E+00	1.8	SRCGP3	R_PIER48
554140.00	4181060.00	2.62E+00	1.8	SRCGP3	R_PIER48
554160.00	4181060.00	2.35E+00	1.8	SRCGP3	R_PIER48
553960.00	4181080.00	8.72E+00	1.8	SRCGP3	R_PIER48
553980.00	4181080.00	7.23E+00	1.8	SRCGP3	R_PIER48
554000.00	4181080.00	6.10E+00	1.8	SRCGP3	R_PIER48
554020.00	4181080.00	5.22E+00	1.8	SRCGP3	R_PIER48
554040.00	4181080.00	4.52E+00	1.8	SRCGP3	R_PIER48
554060.00	4181080.00	3.95E+00	1.8	SRCGP3	R_PIER48
554080.00	4181080.00	3.47E+00	1.8	SRCGP3	R_PIER48
554100.00	4181080.00	3.08E+00	1.8	SRCGP3	R_PIER48
554120.00	4181080.00	2.75E+00	1.8	SRCGP3	R_PIER48
554140.00	4181080.00	2.46E+00	1.8	SRCGP3	R_PIER48
554160.00	4181080.00	2.22E+00	1.8	SRCGP3	R_PIER48
553960.00	4181100.00	7.01E+00	1.8	SRCGP3	R_PIER48
553980.00	4181100.00	6.01E+00	1.8	SRCGP3	R_PIER48
554000.00	4181100.00	5.21E+00	1.8	SRCGP3	R_PIER48
554020.00	4181100.00	4.55E+00	1.8	SRCGP3	R_PIER48
554040.00	4181100.00	4.00E+00	1.8	SRCGP3	R_PIER48
554060.00	4181100.00	3.54E+00	1.8	SRCGP3	R_PIER48
554080.00	4181100.00	3.15E+00	1.8	SRCGP3	R_PIER48
554100.00	4181100.00	2.82E+00	1.8	SRCGP3	R_PIER48
554120.00	4181100.00	2.53E+00	1.8	SRCGP3	R_PIER48
554140.00	4181100.00	2.29E+00	1.8	SRCGP3	R_PIER48
554160.00	4181100.00	2.08E+00	1.8	SRCGP3	R_PIER48
553960.00	4181120.00	5.49E+00	1.8	SRCGP3	R_PIER48
553980.00	4181120.00	4.89E+00	1.8	SRCGP3	R_PIER48
554000.00	4181120.00	4.35E+00	1.8	SRCGP3	R_PIER48
554020.00	4181120.00	3.89E+00	1.8	SRCGP3	R_PIER48

554040.00	4181120.00	3.48E+00	1.8	SRCGP3	R_PIER48
554060.00	4181120.00	3.12E+00	1.8	SRCGP3	R_PIER48
554080.00	4181120.00	2.82E+00	1.8	SRCGP3	R_PIER48
554100.00	4181120.00	2.55E+00	1.8	SRCGP3	R_PIER48
554120.00	4181120.00	2.31E+00	1.8	SRCGP3	R_PIER48
554140.00	4181120.00	2.10E+00	1.8	SRCGP3	R_PIER48
553940.00	4181140.00	4.55E+00	1.8	SRCGP3	R_PIER48
553960.00	4181140.00	4.25E+00	1.8	SRCGP3	R_PIER48
553980.00	4181140.00	3.92E+00	1.8	SRCGP3	R_PIER48
554000.00	4181140.00	3.59E+00	1.8	SRCGP3	R_PIER48
554020.00	4181140.00	3.28E+00	1.8	SRCGP3	R_PIER48
554040.00	4181140.00	2.99E+00	1.8	SRCGP3	R_PIER48
554060.00	4181140.00	2.73E+00	1.8	SRCGP3	R_PIER48
554080.00	4181140.00	2.49E+00	1.8	SRCGP3	R_PIER48
554100.00	4181140.00	2.28E+00	1.8	SRCGP3	R_PIER48
554120.00	4181140.00	2.09E+00	1.8	SRCGP3	R_PIER48
554140.00	4181140.00	1.92E+00	1.8	SRCGP3	R_PIER48
554040.00	4181160.00	2.55E+00	1.8	SRCGP3	R_PIER48
554060.00	4181160.00	2.36E+00	1.8	SRCGP3	R_PIER48
554080.00	4181160.00	2.19E+00	1.8	SRCGP3	R_PIER48
554100.00	4181160.00	2.02E+00	1.8	SRCGP3	R_PIER48
554120.00	4181160.00	1.87E+00	1.8	SRCGP3	R_PIER48
554140.00	4181160.00	1.73E+00	1.8	SRCGP3	R_PIER48
553980.00	4180780.00	1.58E+00	1.8	SRCGP3	R_PIER50
553980.00	4180800.00	2.04E+00	1.8	SRCGP3	R_PIER50
553980.00	4180820.00	2.70E+00	1.8	SRCGP3	R_PIER50
553980.00	4180840.00	3.59E+00	1.8	SRCGP3	R_PIER50
553980.00	4180860.00	4.74E+00	1.8	SRCGP3	R_PIER50
553980.00	4180880.00	6.07E+00	1.8	SRCGP3	R_PIER50
553980.00	4180900.00	7.44E+00	1.8	SRCGP3	R_PIER50
553980.00	4180920.00	8.68E+00	1.8	SRCGP3	R_PIER50
553980.00	4180940.00	9.66E+00	1.8	SRCGP3	R_PIER50
553980.00	4180960.00	1.03E+01	1.8	SRCGP3	R_PIER50
554000.00	4180720.00	8.40E-01	1.8	SRCGP3	R_PIER50
554000.00	4180740.00	1.00E+00	1.8	SRCGP3	R_PIER50
554000.00	4180760.00	1.23E+00	1.8	SRCGP3	R_PIER50
554000.00	4180780.00	1.53E+00	1.8	SRCGP3	R_PIER50
554000.00	4180800.00	1.96E+00	1.8	SRCGP3	R_PIER50
554000.00	4180820.00	2.53E+00	1.8	SRCGP3	R_PIER50
554000.00	4180840.00	3.26E+00	1.8	SRCGP3	R_PIER50
554000.00	4180860.00	4.16E+00	1.8	SRCGP3	R_PIER50
554000.00	4180880.00	5.15E+00	1.8	SRCGP3	R_PIER50
554000.00	4180900.00	6.16E+00	1.8	SRCGP3	R_PIER50
554000.00	4180920.00	7.07E+00	1.8	SRCGP3	R_PIER50
554000.00	4180940.00	7.80E+00	1.8	SRCGP3	R_PIER50
554000.00	4180960.00	8.31E+00	1.8	SRCGP3	R_PIER50
554020.00	4180840.00	2.97E+00	1.8	SRCGP3	R_PIER50

554020.00	4180860.00	3.67E+00	1.8	SRCGP3	R_PIER50
554020.00	4180880.00	4.44E+00	1.8	SRCGP3	R_PIER50
554020.00	4180900.00	5.20E+00	1.8	SRCGP3	R_PIER50
554020.00	4180920.00	5.89E+00	1.8	SRCGP3	R_PIER50
554020.00	4180940.00	6.45E+00	1.8	SRCGP3	R_PIER50
554020.00	4180960.00	6.84E+00	1.8	SRCGP3	R_PIER50
554040.00	4180840.00	2.70E+00	1.8	SRCGP3	R_PIER50
554040.00	4180860.00	3.27E+00	1.8	SRCGP3	R_PIER50
554040.00	4180880.00	3.87E+00	1.8	SRCGP3	R_PIER50
554040.00	4180900.00	4.46E+00	1.8	SRCGP3	R_PIER50
554040.00	4180920.00	5.00E+00	1.8	SRCGP3	R_PIER50
554040.00	4180940.00	5.43E+00	1.8	SRCGP3	R_PIER50
554040.00	4180960.00	5.73E+00	1.8	SRCGP3	R_PIER50
554060.00	4180840.00	2.47E+00	1.8	SRCGP3	R_PIER50
554060.00	4180860.00	2.93E+00	1.8	SRCGP3	R_PIER50
554060.00	4180880.00	3.41E+00	1.8	SRCGP3	R_PIER50
554060.00	4180900.00	3.88E+00	1.8	SRCGP3	R_PIER50
554060.00	4180920.00	4.30E+00	1.8	SRCGP3	R_PIER50
554060.00	4180940.00	4.64E+00	1.8	SRCGP3	R_PIER50
554060.00	4180960.00	4.88E+00	1.8	SRCGP3	R_PIER50
554080.00	4180840.00	2.26E+00	1.8	SRCGP3	R_PIER50
554080.00	4180860.00	2.64E+00	1.8	SRCGP3	R_PIER50
554080.00	4180880.00	3.03E+00	1.8	SRCGP3	R_PIER50
554080.00	4180900.00	3.41E+00	1.8	SRCGP3	R_PIER50
554080.00	4180920.00	3.74E+00	1.8	SRCGP3	R_PIER50
554080.00	4180940.00	4.01E+00	1.8	SRCGP3	R_PIER50
554080.00	4180960.00	4.20E+00	1.8	SRCGP3	R_PIER50
554100.00	4180840.00	2.07E+00	1.8	SRCGP3	R_PIER50
554100.00	4180860.00	2.39E+00	1.8	SRCGP3	R_PIER50
554100.00	4180880.00	2.71E+00	1.8	SRCGP3	R_PIER50
554100.00	4180900.00	3.01E+00	1.8	SRCGP3	R_PIER50
554100.00	4180920.00	3.28E+00	1.8	SRCGP3	R_PIER50
554100.00	4180940.00	3.50E+00	1.8	SRCGP3	R_PIER50
554100.00	4180960.00	3.65E+00	1.8	SRCGP3	R_PIER50
554120.00	4180840.00	1.91E+00	1.8	SRCGP3	R_PIER50
554120.00	4180860.00	2.18E+00	1.8	SRCGP3	R_PIER50
554120.00	4180880.00	2.44E+00	1.8	SRCGP3	R_PIER50
554120.00	4180900.00	2.69E+00	1.8	SRCGP3	R_PIER50
554120.00	4180920.00	2.91E+00	1.8	SRCGP3	R_PIER50
554120.00	4180940.00	3.08E+00	1.8	SRCGP3	R_PIER50
554120.00	4180960.00	3.20E+00	1.8	SRCGP3	R_PIER50
554140.00	4180840.00	1.76E+00	1.8	SRCGP3	R_PIER50
554140.00	4180860.00	1.99E+00	1.8	SRCGP3	R_PIER50
554140.00	4180880.00	2.21E+00	1.8	SRCGP3	R_PIER50
554140.00	4180900.00	2.41E+00	1.8	SRCGP3	R_PIER50
554140.00	4180920.00	2.59E+00	1.8	SRCGP3	R_PIER50
554140.00	4180940.00	2.73E+00	1.8	SRCGP3	R_PIER50

554140.00	4180960.00	2.83E+00	1.8	SRCGP3	R_PIER50
554160.00	4180840.00	1.63E+00	1.8	SRCGP3	R_PIER50
554160.00	4180860.00	1.82E+00	1.8	SRCGP3	R_PIER50
554160.00	4180880.00	2.01E+00	1.8	SRCGP3	R_PIER50
554160.00	4180900.00	2.18E+00	1.8	SRCGP3	R_PIER50
554160.00	4180920.00	2.33E+00	1.8	SRCGP3	R_PIER50
554160.00	4180940.00	2.44E+00	1.8	SRCGP3	R_PIER50
554160.00	4180960.00	2.52E+00	1.8	SRCGP3	R_PIER50
554180.00	4180840.00	1.51E+00	1.8	SRCGP3	R_PIER50
554180.00	4180860.00	1.67E+00	1.8	SRCGP3	R_PIER50
554180.00	4180880.00	1.83E+00	1.8	SRCGP3	R_PIER50
554180.00	4180900.00	1.97E+00	1.8	SRCGP3	R_PIER50
554180.00	4180920.00	2.10E+00	1.8	SRCGP3	R_PIER50
554180.00	4180940.00	2.20E+00	1.8	SRCGP3	R_PIER50
554180.00	4180960.00	2.26E+00	1.8	SRCGP3	R_PIER50
554200.00	4180840.00	1.40E+00	1.8	SRCGP3	R_PIER50
554200.00	4180860.00	1.54E+00	1.8	SRCGP3	R_PIER50
554200.00	4180880.00	1.68E+00	1.8	SRCGP3	R_PIER50
554200.00	4180900.00	1.80E+00	1.8	SRCGP3	R_PIER50
554200.00	4180920.00	1.90E+00	1.8	SRCGP3	R_PIER50
554200.00	4180940.00	1.98E+00	1.8	SRCGP3	R_PIER50
554200.00	4180960.00	2.04E+00	1.8	SRCGP3	R_PIER50
554220.00	4180840.00	1.31E+00	1.8	SRCGP3	R_PIER50
554220.00	4180860.00	1.43E+00	1.8	SRCGP3	R_PIER50
554220.00	4180880.00	1.54E+00	1.8	SRCGP3	R_PIER50
554220.00	4180900.00	1.64E+00	1.8	SRCGP3	R_PIER50
554220.00	4180920.00	1.73E+00	1.8	SRCGP3	R_PIER50
554220.00	4180940.00	1.80E+00	1.8	SRCGP3	R_PIER50
554220.00	4180960.00	1.85E+00	1.8	SRCGP3	R_PIER50
554240.00	4180820.00	1.11E+00	1.8	SRCGP3	R_PIER50
554240.00	4180840.00	1.22E+00	1.8	SRCGP3	R_PIER50
554240.00	4180860.00	1.32E+00	1.8	SRCGP3	R_PIER50
554240.00	4180880.00	1.42E+00	1.8	SRCGP3	R_PIER50
554240.00	4180900.00	1.51E+00	1.8	SRCGP3	R_PIER50
554240.00	4180920.00	1.58E+00	1.8	SRCGP3	R_PIER50
554240.00	4180940.00	1.64E+00	1.8	SRCGP3	R_PIER50
554240.00	4180960.00	1.68E+00	1.8	SRCGP3	R_PIER50
554260.00	4180820.00	1.04E+00	1.8	SRCGP3	R_PIER50
554260.00	4180840.00	1.14E+00	1.8	SRCGP3	R_PIER50
554260.00	4180860.00	1.23E+00	1.8	SRCGP3	R_PIER50
554260.00	4180880.00	1.31E+00	1.8	SRCGP3	R_PIER50
554260.00	4180900.00	1.39E+00	1.8	SRCGP3	R_PIER50
554260.00	4180920.00	1.45E+00	1.8	SRCGP3	R_PIER50
554260.00	4180940.00	1.50E+00	1.8	SRCGP3	R_PIER50
554260.00	4180960.00	1.54E+00	1.8	SRCGP3	R_PIER50
554280.00	4180800.00	8.98E-01	1.8	SRCGP3	R_PIER50
554280.00	4180820.00	9.82E-01	1.8	SRCGP3	R_PIER50

554280.00	4180840.00	1.07E+00	1.8	SRCGP3	R_PIER50
554280.00	4180860.00	1.15E+00	1.8	SRCGP3	R_PIER50
554280.00	4180880.00	1.22E+00	1.8	SRCGP3	R_PIER50
554280.00	4180900.00	1.28E+00	1.8	SRCGP3	R_PIER50
554280.00	4180920.00	1.34E+00	1.8	SRCGP3	R_PIER50
554280.00	4180940.00	1.38E+00	1.8	SRCGP3	R_PIER50
554280.00	4180960.00	1.41E+00	1.8	SRCGP3	R_PIER50
554300.00	4180780.00	7.76E-01	1.8	SRCGP3	R_PIER50
554300.00	4180800.00	8.51E-01	1.8	SRCGP3	R_PIER50
554300.00	4180820.00	9.26E-01	1.8	SRCGP3	R_PIER50
554300.00	4180840.00	9.99E-01	1.8	SRCGP3	R_PIER50
554300.00	4180860.00	1.07E+00	1.8	SRCGP3	R_PIER50
554300.00	4180880.00	1.13E+00	1.8	SRCGP3	R_PIER50
554300.00	4180900.00	1.19E+00	1.8	SRCGP3	R_PIER50
554300.00	4180920.00	1.24E+00	1.8	SRCGP3	R_PIER50
554300.00	4180940.00	1.27E+00	1.8	SRCGP3	R_PIER50
554300.00	4180960.00	1.30E+00	1.8	SRCGP3	R_PIER50
554320.00	4180780.00	7.40E-01	1.8	SRCGP3	R_PIER50
554320.00	4180800.00	8.07E-01	1.8	SRCGP3	R_PIER50
554320.00	4180820.00	8.74E-01	1.8	SRCGP3	R_PIER50
554320.00	4180840.00	9.38E-01	1.8	SRCGP3	R_PIER50
554320.00	4180860.00	1.00E+00	1.8	SRCGP3	R_PIER50
554320.00	4180880.00	1.06E+00	1.8	SRCGP3	R_PIER50
554320.00	4180900.00	1.11E+00	1.8	SRCGP3	R_PIER50
554320.00	4180920.00	1.15E+00	1.8	SRCGP3	R_PIER50
554320.00	4180940.00	1.18E+00	1.8	SRCGP3	R_PIER50
554320.00	4180960.00	1.20E+00	1.8	SRCGP3	R_PIER50
554340.00	4180760.00	6.47E-01	1.8	SRCGP3	R_PIER50
554340.00	4180780.00	7.06E-01	1.8	SRCGP3	R_PIER50
554340.00	4180800.00	7.66E-01	1.8	SRCGP3	R_PIER50
554340.00	4180820.00	8.25E-01	1.8	SRCGP3	R_PIER50
554340.00	4180840.00	8.83E-01	1.8	SRCGP3	R_PIER50
554340.00	4180860.00	9.37E-01	1.8	SRCGP3	R_PIER50
554340.00	4180880.00	9.86E-01	1.8	SRCGP3	R_PIER50
554340.00	4180900.00	1.03E+00	1.8	SRCGP3	R_PIER50
554340.00	4180920.00	1.07E+00	1.8	SRCGP3	R_PIER50
554340.00	4180940.00	1.09E+00	1.8	SRCGP3	R_PIER50
554340.00	4180960.00	1.11E+00	1.8	SRCGP3	R_PIER50
554360.00	4180760.00	6.20E-01	1.8	SRCGP3	R_PIER50
554360.00	4180780.00	6.73E-01	1.8	SRCGP3	R_PIER50
554360.00	4180800.00	7.27E-01	1.8	SRCGP3	R_PIER50
554360.00	4180820.00	7.80E-01	1.8	SRCGP3	R_PIER50
554360.00	4180840.00	8.31E-01	1.8	SRCGP3	R_PIER50
554360.00	4180860.00	8.79E-01	1.8	SRCGP3	R_PIER50
554360.00	4180880.00	9.23E-01	1.8	SRCGP3	R_PIER50
554360.00	4180900.00	9.61E-01	1.8	SRCGP3	R_PIER50
554360.00	4180920.00	9.92E-01	1.8	SRCGP3	R_PIER50



554360.00	4180940.00	1.02E+00	1.8	SRCGP3	R_PIER50
554360.00	4180960.00	1.03E+00	1.8	SRCGP3	R_PIER50
554380.00	4180740.00	5.46E-01	1.8	SRCGP3	R_PIER50
554380.00	4180760.00	5.94E-01	1.8	SRCGP3	R_PIER50
554380.00	4180780.00	6.43E-01	1.8	SRCGP3	R_PIER50
554380.00	4180800.00	6.91E-01	1.8	SRCGP3	R_PIER50
554380.00	4180820.00	7.39E-01	1.8	SRCGP3	R_PIER50
554380.00	4180840.00	7.84E-01	1.8	SRCGP3	R_PIER50
554380.00	4180860.00	8.27E-01	1.8	SRCGP3	R_PIER50
554380.00	4180880.00	8.65E-01	1.8	SRCGP3	R_PIER50
554380.00	4180900.00	8.99E-01	1.8	SRCGP3	R_PIER50
554380.00	4180920.00	9.27E-01	1.8	SRCGP3	R_PIER50
554380.00	4180940.00	9.48E-01	1.8	SRCGP3	R_PIER50
554380.00	4180960.00	9.63E-01	1.8	SRCGP3	R_PIER50
554400.00	4180740.00	5.26E-01	1.8	SRCGP3	R_PIER50
554400.00	4180760.00	5.70E-01	1.8	SRCGP3	R_PIER50
554400.00	4180780.00	6.14E-01	1.8	SRCGP3	R_PIER50
554400.00	4180800.00	6.58E-01	1.8	SRCGP3	R_PIER50
554400.00	4180820.00	7.00E-01	1.8	SRCGP3	R_PIER50
554400.00	4180840.00	7.41E-01	1.8	SRCGP3	R_PIER50
554400.00	4180860.00	7.79E-01	1.8	SRCGP3	R_PIER50
554400.00	4180880.00	8.13E-01	1.8	SRCGP3	R_PIER50
554400.00	4180900.00	8.43E-01	1.8	SRCGP3	R_PIER50
554400.00	4180920.00	8.67E-01	1.8	SRCGP3	R_PIER50
554400.00	4180940.00	8.86E-01	1.8	SRCGP3	R_PIER50
554400.00	4180960.00	8.99E-01	1.8	SRCGP3	R_PIER50
554420.00	4180720.00	4.67E-01	1.8	SRCGP3	R_PIER50
554420.00	4180740.00	5.06E-01	1.8	SRCGP3	R_PIER50
554420.00	4180760.00	5.46E-01	1.8	SRCGP3	R_PIER50
554420.00	4180780.00	5.86E-01	1.8	SRCGP3	R_PIER50
554420.00	4180800.00	6.26E-01	1.8	SRCGP3	R_PIER50
554420.00	4180820.00	6.64E-01	1.8	SRCGP3	R_PIER50
554420.00	4180840.00	7.01E-01	1.8	SRCGP3	R_PIER50
554420.00	4180860.00	7.35E-01	1.8	SRCGP3	R_PIER50
554420.00	4180880.00	7.65E-01	1.8	SRCGP3	R_PIER50
554420.00	4180900.00	7.91E-01	1.8	SRCGP3	R_PIER50
554420.00	4180920.00	8.13E-01	1.8	SRCGP3	R_PIER50
554420.00	4180940.00	8.30E-01	1.8	SRCGP3	R_PIER50
554420.00	4180960.00	8.41E-01	1.8	SRCGP3	R_PIER50
554440.00	4180720.00	4.52E-01	1.8	SRCGP3	R_PIER50
554440.00	4180740.00	4.88E-01	1.8	SRCGP3	R_PIER50
554440.00	4180760.00	5.24E-01	1.8	SRCGP3	R_PIER50
554440.00	4180780.00	5.61E-01	1.8	SRCGP3	R_PIER50
554440.00	4180800.00	5.97E-01	1.8	SRCGP3	R_PIER50
554440.00	4180820.00	6.31E-01	1.8	SRCGP3	R_PIER50
554440.00	4180840.00	6.64E-01	1.8	SRCGP3	R_PIER50
554440.00	4180860.00	6.94E-01	1.8	SRCGP3	R_PIER50

554440.00	4180880.00	7.21E-01	1.8	SRCGP3	R_PIER50
554440.00	4180900.00	7.45E-01	1.8	SRCGP3	R_PIER50
554440.00	4180920.00	7.64E-01	1.8	SRCGP3	R_PIER50
554440.00	4180940.00	7.79E-01	1.8	SRCGP3	R_PIER50
554440.00	4180960.00	7.89E-01	1.8	SRCGP3	R_PIER50
553680.00	4180480.00	3.97E-01	1.8	SRCGP3	Sensitive
553360.00	4181000.00	6.49E-01	1.8	SRCGP3	Sensitive
553160.00	4180800.00	4.14E-01	1.8	SRCGP3	Sensitive
552940.00	4180980.00	2.07E-01	1.8	SRCGP3	Sensitive
553440.00	4180240.00	1.95E-01	1.8	SRCGP3	Sensitive
553920.00	4180800.00	2.28E+00	1.8	SRCGP3	Sensitive
553400.00	4180440.00	3.36E-01	1.8	SRCGP3	Sensitive
553920.00	4180000.00	8.14E-02	1.8	SRCGP3	Sensitive
553560.00	4180360.00	2.71E-01	1.8	SRCGP3	Sensitive
553360.00	4180340.00	2.48E-01	1.8	SRCGP3	Sensitive
553160.00	4181180.00	2.55E-01	1.8	SRCGP3	Sensitive



**Annual Average Concentraion at Each Receptor Location: Mission Rock Construction Scenario - Source Group 4**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	4.70E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180540.00	4.99E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180560.00	5.29E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180580.00	5.59E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180600.00	5.89E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180620.00	6.19E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180640.00	6.48E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180660.00	6.76E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180720.00	7.42E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180740.00	7.57E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180760.00	7.68E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180780.00	7.74E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180800.00	7.76E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180840.00	7.67E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180860.00	7.57E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180880.00	7.42E-01	1.8	SRCGP4	OFF_SITE
553440.00	4180900.00	7.25E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181020.00	5.87E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181040.00	5.62E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181060.00	5.38E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181080.00	5.15E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181160.00	4.31E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181180.00	4.12E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181200.00	3.95E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181220.00	3.78E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181240.00	3.61E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181260.00	3.46E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181300.00	3.17E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181320.00	3.03E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181340.00	2.91E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181360.00	2.78E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181380.00	2.67E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181400.00	2.55E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181420.00	2.45E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181440.00	2.34E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181460.00	2.25E-01	1.8	SRCGP4	OFF_SITE
553440.00	4181480.00	2.15E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180520.00	4.83E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180540.00	5.14E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180560.00	5.46E-01	1.8	SRCGP4	OFF_SITE

553460.00	4180580.00	5.80E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180600.00	6.14E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180620.00	6.48E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180640.00	6.81E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180660.00	7.12E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180700.00	7.68E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180740.00	8.10E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180760.00	8.25E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180780.00	8.35E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180800.00	8.39E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180820.00	8.38E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180860.00	8.22E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180880.00	8.07E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180900.00	7.89E-01	1.8	SRCGP4	OFF_SITE
553460.00	4180920.00	7.67E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181040.00	6.07E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181060.00	5.80E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181120.00	5.04E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181140.00	4.81E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181180.00	4.38E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181200.00	4.18E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181220.00	3.99E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181240.00	3.81E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181260.00	3.64E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181280.00	3.47E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181320.00	3.17E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181340.00	3.03E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181360.00	2.89E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181380.00	2.76E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181400.00	2.64E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181420.00	2.53E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181440.00	2.42E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181460.00	2.31E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181500.00	2.12E-01	1.8	SRCGP4	OFF_SITE
553460.00	4181520.00	2.03E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180520.00	4.95E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180540.00	5.29E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180560.00	5.64E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180580.00	6.01E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180600.00	6.39E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180620.00	6.77E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180640.00	7.15E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180660.00	7.51E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180700.00	8.17E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180720.00	8.46E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180760.00	8.88E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180780.00	9.02E-01	1.8	SRCGP4	OFF_SITE

553480.00	4180800.00	9.09E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180820.00	9.11E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180840.00	9.07E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180880.00	8.82E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180900.00	8.62E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180920.00	8.38E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180940.00	8.11E-01	1.8	SRCGP4	OFF_SITE
553480.00	4180960.00	7.83E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181040.00	6.58E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181080.00	5.97E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181100.00	5.68E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181120.00	5.40E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181140.00	5.14E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181160.00	4.89E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181200.00	4.43E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181220.00	4.22E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181240.00	4.02E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181260.00	3.83E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181280.00	3.64E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181300.00	3.47E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181340.00	3.15E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181360.00	3.01E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181380.00	2.87E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181400.00	2.73E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181420.00	2.61E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181440.00	2.49E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181480.00	2.27E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181500.00	2.17E-01	1.8	SRCGP4	OFF_SITE
553480.00	4181520.00	2.07E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180520.00	5.07E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180540.00	5.43E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180560.00	5.82E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180580.00	6.22E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180600.00	6.64E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180620.00	7.07E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180640.00	7.50E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180660.00	7.93E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180700.00	8.71E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180720.00	9.05E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180740.00	9.34E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180780.00	9.76E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180800.00	9.88E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180820.00	9.93E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180840.00	9.91E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180860.00	9.82E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180900.00	9.45E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180920.00	9.20E-01	1.8	SRCGP4	OFF_SITE

553500.00	4180940.00	8.90E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180960.00	8.58E-01	1.8	SRCGP4	OFF_SITE
553500.00	4180980.00	8.23E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181000.00	7.88E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181060.00	6.80E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181080.00	6.46E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181100.00	6.13E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181120.00	5.81E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181140.00	5.51E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181160.00	5.23E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181180.00	4.96E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181220.00	4.47E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181240.00	4.24E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181260.00	4.03E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181280.00	3.83E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181300.00	3.64E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181320.00	3.45E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181360.00	3.12E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181380.00	2.97E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181400.00	2.83E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181420.00	2.69E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181460.00	2.44E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181480.00	2.33E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181500.00	2.22E-01	1.8	SRCGP4	OFF_SITE
553500.00	4181520.00	2.11E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180520.00	5.19E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180540.00	5.58E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180560.00	6.00E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180580.00	6.44E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180600.00	6.90E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180620.00	7.39E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180640.00	7.88E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180660.00	8.36E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180700.00	9.28E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180720.00	9.69E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180740.00	1.01E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180760.00	1.04E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180800.00	1.08E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180820.00	1.09E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180840.00	1.09E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180860.00	1.08E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180880.00	1.06E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180920.00	1.01E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180940.00	9.81E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180960.00	9.44E-01	1.8	SRCGP4	OFF_SITE
553520.00	4180980.00	9.05E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181000.00	8.64E-01	1.8	SRCGP4	OFF_SITE

553520.00	4181080.00	7.01E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181100.00	6.63E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181120.00	6.27E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181140.00	5.92E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181160.00	5.60E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181180.00	5.30E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181200.00	5.01E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181240.00	4.48E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181260.00	4.24E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181280.00	4.02E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181300.00	3.81E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181320.00	3.61E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181340.00	3.42E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181380.00	3.08E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181400.00	2.92E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181440.00	2.63E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181460.00	2.50E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181480.00	2.38E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181500.00	2.27E-01	1.8	SRCGP4	OFF_SITE
553520.00	4181520.00	2.16E-01	1.8	SRCGP4	OFF_SITE
553540.00	4180520.00	5.30E-01	1.8	SRCGP4	OFF_SITE
553540.00	4180540.00	5.72E-01	1.8	SRCGP4	OFF_SITE
553540.00	4180560.00	6.17E-01	1.8	SRCGP4	OFF_SITE
553540.00	4180580.00	6.66E-01	1.8	SRCGP4	OFF_SITE
553540.00	4180600.00	7.17E-01	1.8	SRCGP4	OFF_SITE
553540.00	4180620.00	7.71E-01	1.8	SRCGP4	OFF_SITE
553540.00	4180640.00	8.26E-01	1.8	SRCGP4	OFF_SITE
553540.00	4180660.00	8.82E-01	1.8	SRCGP4	OFF_SITE
553540.00	4180700.00	9.90E-01	1.8	SRCGP4	OFF_SITE
553540.00	4180720.00	1.04E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180740.00	1.08E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180760.00	1.12E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180780.00	1.15E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180820.00	1.19E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180840.00	1.20E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180860.00	1.19E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180880.00	1.18E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180900.00	1.15E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180940.00	1.09E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180960.00	1.05E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180980.00	1.00E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181100.00	7.19E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181120.00	6.78E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181140.00	6.38E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181160.00	6.01E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181180.00	5.66E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181200.00	5.34E-01	1.8	SRCGP4	OFF_SITE



553540.00	4181220.00	5.03E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181260.00	4.47E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181280.00	4.22E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181300.00	3.98E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181320.00	3.76E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181340.00	3.56E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181360.00	3.36E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181420.00	2.85E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181440.00	2.71E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181460.00	2.57E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181480.00	2.44E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181500.00	2.31E-01	1.8	SRCGP4	OFF_SITE
553540.00	4181520.00	2.20E-01	1.8	SRCGP4	OFF_SITE
553560.00	4180520.00	5.41E-01	1.8	SRCGP4	OFF_SITE
553560.00	4180540.00	5.86E-01	1.8	SRCGP4	OFF_SITE
553560.00	4180560.00	6.34E-01	1.8	SRCGP4	OFF_SITE
553560.00	4180580.00	6.87E-01	1.8	SRCGP4	OFF_SITE
553560.00	4180600.00	7.44E-01	1.8	SRCGP4	OFF_SITE
553560.00	4180620.00	8.04E-01	1.8	SRCGP4	OFF_SITE
553560.00	4180640.00	8.67E-01	1.8	SRCGP4	OFF_SITE
553560.00	4180660.00	9.31E-01	1.8	SRCGP4	OFF_SITE
553560.00	4180700.00	1.06E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180720.00	1.12E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180740.00	1.17E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180760.00	1.22E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180780.00	1.26E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180800.00	1.29E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180840.00	1.32E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180860.00	1.32E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180880.00	1.31E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180900.00	1.28E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180920.00	1.25E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181000.00	1.06E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181020.00	1.00E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181120.00	7.35E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181140.00	6.89E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181160.00	6.46E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181180.00	6.06E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181200.00	5.69E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181220.00	5.34E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181240.00	5.02E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181280.00	4.43E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181300.00	4.17E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181320.00	3.93E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181340.00	3.70E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181420.00	2.94E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181440.00	2.78E-01	1.8	SRCGP4	OFF_SITE

553560.00	4181460.00	2.63E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181480.00	2.49E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181500.00	2.36E-01	1.8	SRCGP4	OFF_SITE
553560.00	4181520.00	2.24E-01	1.8	SRCGP4	OFF_SITE
553580.00	4180520.00	5.52E-01	1.8	SRCGP4	OFF_SITE
553580.00	4180540.00	5.99E-01	1.8	SRCGP4	OFF_SITE
553580.00	4180560.00	6.51E-01	1.8	SRCGP4	OFF_SITE
553580.00	4180580.00	7.08E-01	1.8	SRCGP4	OFF_SITE
553580.00	4180600.00	7.70E-01	1.8	SRCGP4	OFF_SITE
553580.00	4180620.00	8.37E-01	1.8	SRCGP4	OFF_SITE
553580.00	4180640.00	9.08E-01	1.8	SRCGP4	OFF_SITE
553580.00	4180660.00	9.81E-01	1.8	SRCGP4	OFF_SITE
553580.00	4180700.00	1.13E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180720.00	1.20E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180740.00	1.27E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180760.00	1.33E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180780.00	1.38E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180800.00	1.42E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180820.00	1.45E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181000.00	1.18E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181020.00	1.11E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181040.00	1.05E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181140.00	7.46E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181160.00	6.96E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181180.00	6.50E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181200.00	6.08E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181220.00	5.68E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181240.00	5.31E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181260.00	4.97E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181300.00	4.36E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181320.00	4.09E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181440.00	2.84E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181460.00	2.68E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181480.00	2.54E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181500.00	2.40E-01	1.8	SRCGP4	OFF_SITE
553580.00	4181520.00	2.27E-01	1.8	SRCGP4	OFF_SITE
553600.00	4180800.00	1.57E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180820.00	1.61E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180840.00	1.63E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180860.00	1.64E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180900.00	1.62E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180920.00	1.58E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180940.00	1.53E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181000.00	1.32E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181020.00	1.24E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181040.00	1.17E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181060.00	1.09E+00	1.8	SRCGP4	OFF_SITE

553600.00	4181160.00	7.52E-01	1.8	SRCGP4	OFF_SITE
553600.00	4181180.00	6.99E-01	1.8	SRCGP4	OFF_SITE
553600.00	4181200.00	6.49E-01	1.8	SRCGP4	OFF_SITE
553600.00	4181220.00	6.04E-01	1.8	SRCGP4	OFF_SITE
553600.00	4181240.00	5.62E-01	1.8	SRCGP4	OFF_SITE
553600.00	4181260.00	5.24E-01	1.8	SRCGP4	OFF_SITE
553600.00	4181280.00	4.89E-01	1.8	SRCGP4	OFF_SITE
553600.00	4181460.00	2.74E-01	1.8	SRCGP4	OFF_SITE
553600.00	4181480.00	2.58E-01	1.8	SRCGP4	OFF_SITE
553600.00	4181500.00	2.44E-01	1.8	SRCGP4	OFF_SITE
553600.00	4181520.00	2.30E-01	1.8	SRCGP4	OFF_SITE
553620.00	4180520.00	5.70E-01	1.8	SRCGP4	OFF_SITE
553620.00	4180540.00	6.23E-01	1.8	SRCGP4	OFF_SITE
553620.00	4180560.00	6.82E-01	1.8	SRCGP4	OFF_SITE
553620.00	4180600.00	8.22E-01	1.8	SRCGP4	OFF_SITE
553620.00	4180620.00	9.03E-01	1.8	SRCGP4	OFF_SITE
553620.00	4180640.00	9.93E-01	1.8	SRCGP4	OFF_SITE
553620.00	4180660.00	1.09E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180700.00	1.29E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180720.00	1.39E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180740.00	1.49E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180760.00	1.58E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180780.00	1.67E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180800.00	1.74E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180820.00	1.79E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180840.00	1.83E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180860.00	1.85E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180900.00	1.83E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180920.00	1.79E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180940.00	1.74E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181000.00	1.50E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181020.00	1.40E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181040.00	1.31E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181060.00	1.21E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181080.00	1.12E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181180.00	7.51E-01	1.8	SRCGP4	OFF_SITE
553620.00	4181200.00	6.95E-01	1.8	SRCGP4	OFF_SITE
553620.00	4181220.00	6.43E-01	1.8	SRCGP4	OFF_SITE
553620.00	4181240.00	5.95E-01	1.8	SRCGP4	OFF_SITE
553620.00	4181260.00	5.52E-01	1.8	SRCGP4	OFF_SITE
553620.00	4181280.00	5.13E-01	1.8	SRCGP4	OFF_SITE
553620.00	4181480.00	2.63E-01	1.8	SRCGP4	OFF_SITE
553620.00	4181500.00	2.47E-01	1.8	SRCGP4	OFF_SITE
553620.00	4181520.00	2.33E-01	1.8	SRCGP4	OFF_SITE
553640.00	4180520.00	5.77E-01	1.8	SRCGP4	OFF_SITE
553640.00	4180540.00	6.33E-01	1.8	SRCGP4	OFF_SITE
553640.00	4180560.00	6.95E-01	1.8	SRCGP4	OFF_SITE

553640.00	4180600.00	8.46E-01	1.8	SRCGP4	OFF_SITE
553640.00	4180620.00	9.36E-01	1.8	SRCGP4	OFF_SITE
553640.00	4180640.00	1.03E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180660.00	1.14E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180700.00	1.38E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180720.00	1.50E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180740.00	1.62E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180760.00	1.74E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180780.00	1.84E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180800.00	1.93E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180820.00	2.01E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180840.00	2.06E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180860.00	2.09E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180900.00	2.09E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180920.00	2.05E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180940.00	1.99E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181000.00	1.71E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181020.00	1.59E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181040.00	1.48E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181060.00	1.36E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181080.00	1.25E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181100.00	1.15E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181200.00	7.44E-01	1.8	SRCGP4	OFF_SITE
553640.00	4181220.00	6.84E-01	1.8	SRCGP4	OFF_SITE
553640.00	4181240.00	6.30E-01	1.8	SRCGP4	OFF_SITE
553640.00	4181260.00	5.81E-01	1.8	SRCGP4	OFF_SITE
553640.00	4181500.00	2.50E-01	1.8	SRCGP4	OFF_SITE
553640.00	4181520.00	2.36E-01	1.8	SRCGP4	OFF_SITE
553660.00	4180520.00	5.83E-01	1.8	SRCGP4	OFF_SITE
553660.00	4180540.00	6.41E-01	1.8	SRCGP4	OFF_SITE
553660.00	4180560.00	7.07E-01	1.8	SRCGP4	OFF_SITE
553660.00	4180600.00	8.68E-01	1.8	SRCGP4	OFF_SITE
553660.00	4180620.00	9.66E-01	1.8	SRCGP4	OFF_SITE
553660.00	4180640.00	1.08E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180660.00	1.20E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180700.00	1.48E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180720.00	1.62E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180740.00	1.77E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180760.00	1.91E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180780.00	2.05E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180800.00	2.16E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180820.00	2.26E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180840.00	2.33E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180860.00	2.38E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180900.00	2.40E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180920.00	2.36E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180940.00	2.30E+00	1.8	SRCGP4	OFF_SITE

553660.00	4181000.00	1.96E+00	1.8	SRCGP4	OFF_SITE
553660.00	4181020.00	1.82E+00	1.8	SRCGP4	OFF_SITE
553660.00	4181040.00	1.68E+00	1.8	SRCGP4	OFF_SITE
553660.00	4181060.00	1.54E+00	1.8	SRCGP4	OFF_SITE
553660.00	4181080.00	1.40E+00	1.8	SRCGP4	OFF_SITE
553660.00	4181100.00	1.28E+00	1.8	SRCGP4	OFF_SITE
553660.00	4181120.00	1.16E+00	1.8	SRCGP4	OFF_SITE
553660.00	4181220.00	7.28E-01	1.8	SRCGP4	OFF_SITE
553660.00	4181240.00	6.66E-01	1.8	SRCGP4	OFF_SITE
553660.00	4181520.00	2.38E-01	1.8	SRCGP4	OFF_SITE
553680.00	4180520.00	5.87E-01	1.8	SRCGP4	OFF_SITE
553680.00	4180540.00	6.47E-01	1.8	SRCGP4	OFF_SITE
553680.00	4180560.00	7.17E-01	1.8	SRCGP4	OFF_SITE
553680.00	4180600.00	8.88E-01	1.8	SRCGP4	OFF_SITE
553680.00	4180620.00	9.94E-01	1.8	SRCGP4	OFF_SITE
553680.00	4180640.00	1.12E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180660.00	1.25E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180700.00	1.57E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180720.00	1.75E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180740.00	1.93E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180760.00	2.11E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180780.00	2.28E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180800.00	2.43E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180820.00	2.56E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180840.00	2.66E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180860.00	2.74E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180900.00	2.78E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180920.00	2.74E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180940.00	2.68E+00	1.8	SRCGP4	OFF_SITE
553680.00	4181000.00	2.28E+00	1.8	SRCGP4	OFF_SITE
553680.00	4181020.00	2.11E+00	1.8	SRCGP4	OFF_SITE
553680.00	4181040.00	1.93E+00	1.8	SRCGP4	OFF_SITE
553680.00	4181060.00	1.76E+00	1.8	SRCGP4	OFF_SITE
553680.00	4181080.00	1.59E+00	1.8	SRCGP4	OFF_SITE
553680.00	4181100.00	1.43E+00	1.8	SRCGP4	OFF_SITE
553680.00	4181120.00	1.29E+00	1.8	SRCGP4	OFF_SITE
553680.00	4181140.00	1.16E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180520.00	5.89E-01	1.8	SRCGP4	OFF_SITE
553700.00	4180540.00	6.52E-01	1.8	SRCGP4	OFF_SITE
553700.00	4180560.00	7.24E-01	1.8	SRCGP4	OFF_SITE
553700.00	4180600.00	9.05E-01	1.8	SRCGP4	OFF_SITE
553700.00	4180620.00	1.02E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180640.00	1.15E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180660.00	1.31E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180700.00	1.68E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180720.00	1.89E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180740.00	2.11E+00	1.8	SRCGP4	OFF_SITE

553700.00	4180760.00	2.34E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180780.00	2.55E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180800.00	2.75E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180820.00	2.92E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180840.00	3.06E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180860.00	3.17E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180900.00	3.25E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180920.00	3.22E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180940.00	3.15E+00	1.8	SRCGP4	OFF_SITE
553700.00	4181000.00	2.69E+00	1.8	SRCGP4	OFF_SITE
553700.00	4181020.00	2.47E+00	1.8	SRCGP4	OFF_SITE
553700.00	4181040.00	2.25E+00	1.8	SRCGP4	OFF_SITE
553700.00	4181060.00	2.02E+00	1.8	SRCGP4	OFF_SITE
553700.00	4181080.00	1.81E+00	1.8	SRCGP4	OFF_SITE
553700.00	4181100.00	1.61E+00	1.8	SRCGP4	OFF_SITE
553700.00	4181120.00	1.43E+00	1.8	SRCGP4	OFF_SITE
553700.00	4181140.00	1.28E+00	1.8	SRCGP4	OFF_SITE
553720.00	4180520.00	5.89E-01	1.8	SRCGP4	OFF_SITE
553720.00	4180540.00	6.53E-01	1.8	SRCGP4	OFF_SITE
553720.00	4180560.00	7.28E-01	1.8	SRCGP4	OFF_SITE
553720.00	4180600.00	9.18E-01	1.8	SRCGP4	OFF_SITE
553720.00	4180620.00	1.04E+00	1.8	SRCGP4	OFF_SITE
553720.00	4180640.00	1.18E+00	1.8	SRCGP4	OFF_SITE
553720.00	4180660.00	1.35E+00	1.8	SRCGP4	OFF_SITE
553740.00	4180520.00	5.87E-01	1.8	SRCGP4	OFF_SITE
553740.00	4180540.00	6.52E-01	1.8	SRCGP4	OFF_SITE
553740.00	4180560.00	7.28E-01	1.8	SRCGP4	OFF_SITE
553760.00	4180620.00	1.06E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180640.00	1.23E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180660.00	1.43E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180680.00	1.68E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180720.00	2.34E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180740.00	2.76E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180760.00	3.23E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180780.00	3.71E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180520.00	5.75E-01	1.8	SRCGP4	OFF_SITE
553780.00	4180540.00	6.40E-01	1.8	SRCGP4	OFF_SITE
553780.00	4180560.00	7.18E-01	1.8	SRCGP4	OFF_SITE
553780.00	4180580.00	8.12E-01	1.8	SRCGP4	OFF_SITE
553780.00	4180600.00	9.25E-01	1.8	SRCGP4	OFF_SITE
553780.00	4180620.00	1.06E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180640.00	1.23E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180660.00	1.45E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180680.00	1.72E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180720.00	2.49E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180740.00	3.01E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180760.00	3.61E+00	1.8	SRCGP4	OFF_SITE

553780.00	4180780.00	4.26E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180520.00	5.64E-01	1.8	SRCGP4	OFF_SITE
553800.00	4180540.00	6.29E-01	1.8	SRCGP4	OFF_SITE
553800.00	4180560.00	7.07E-01	1.8	SRCGP4	OFF_SITE
553800.00	4180580.00	8.00E-01	1.8	SRCGP4	OFF_SITE
553800.00	4180600.00	9.14E-01	1.8	SRCGP4	OFF_SITE
553800.00	4180620.00	1.05E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180640.00	1.23E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180660.00	1.46E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180680.00	1.74E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180720.00	2.61E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180740.00	3.24E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180760.00	4.03E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180780.00	4.93E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180520.00	5.52E-01	1.8	SRCGP4	OFF_SITE
553820.00	4180540.00	6.16E-01	1.8	SRCGP4	OFF_SITE
553820.00	4180560.00	6.92E-01	1.8	SRCGP4	OFF_SITE
553820.00	4180580.00	7.84E-01	1.8	SRCGP4	OFF_SITE
553820.00	4180620.00	1.04E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180640.00	1.21E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180660.00	1.44E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180680.00	1.74E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180720.00	2.70E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180740.00	3.45E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180760.00	4.47E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180780.00	5.75E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180520.00	5.37E-01	1.8	SRCGP4	OFF_SITE
553840.00	4180540.00	5.99E-01	1.8	SRCGP4	OFF_SITE
553840.00	4180560.00	6.73E-01	1.8	SRCGP4	OFF_SITE
553840.00	4180580.00	7.63E-01	1.8	SRCGP4	OFF_SITE
553840.00	4180620.00	1.01E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180640.00	1.19E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180660.00	1.41E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180680.00	1.72E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180720.00	2.73E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180740.00	3.59E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180760.00	4.87E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180780.00	6.70E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180520.00	5.20E-01	1.8	SRCGP4	OFF_SITE
553860.00	4180540.00	5.79E-01	1.8	SRCGP4	OFF_SITE
553860.00	4180560.00	6.51E-01	1.8	SRCGP4	OFF_SITE
553860.00	4180580.00	7.37E-01	1.8	SRCGP4	OFF_SITE
553860.00	4180620.00	9.75E-01	1.8	SRCGP4	OFF_SITE
553860.00	4180640.00	1.14E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180660.00	1.37E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180680.00	1.66E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180720.00	2.69E+00	1.8	SRCGP4	OFF_SITE

553860.00	4180740.00	3.62E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180760.00	5.12E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180780.00	7.64E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180520.00	5.01E-01	1.8	SRCGP4	OFF_SITE
553880.00	4180540.00	5.58E-01	1.8	SRCGP4	OFF_SITE
553880.00	4180560.00	6.26E-01	1.8	SRCGP4	OFF_SITE
553880.00	4180580.00	7.08E-01	1.8	SRCGP4	OFF_SITE
553880.00	4180620.00	9.33E-01	1.8	SRCGP4	OFF_SITE
553880.00	4180640.00	1.09E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180660.00	1.30E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180680.00	1.58E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180720.00	2.57E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180740.00	3.49E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180760.00	5.09E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180780.00	8.12E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180520.00	4.81E-01	1.8	SRCGP4	OFF_SITE
553900.00	4180540.00	5.35E-01	1.8	SRCGP4	OFF_SITE
553900.00	4180560.00	5.99E-01	1.8	SRCGP4	OFF_SITE
553900.00	4180580.00	6.76E-01	1.8	SRCGP4	OFF_SITE
553900.00	4180620.00	8.87E-01	1.8	SRCGP4	OFF_SITE
553900.00	4180640.00	1.04E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180660.00	1.23E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180680.00	1.49E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180720.00	2.38E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180740.00	3.23E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180760.00	4.72E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180780.00	7.74E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180520.00	4.61E-01	1.8	SRCGP4	OFF_SITE
553920.00	4180540.00	5.11E-01	1.8	SRCGP4	OFF_SITE
553920.00	4180560.00	5.71E-01	1.8	SRCGP4	OFF_SITE
553920.00	4180580.00	6.43E-01	1.8	SRCGP4	OFF_SITE
553920.00	4180620.00	8.38E-01	1.8	SRCGP4	OFF_SITE
553920.00	4180640.00	9.74E-01	1.8	SRCGP4	OFF_SITE
553920.00	4180660.00	1.15E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180680.00	1.38E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180720.00	2.17E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180740.00	2.91E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180760.00	4.19E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180780.00	6.87E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180520.00	4.41E-01	1.8	SRCGP4	OFF_SITE
553940.00	4180540.00	4.88E-01	1.8	SRCGP4	OFF_SITE
553940.00	4180560.00	5.43E-01	1.8	SRCGP4	OFF_SITE
553940.00	4180580.00	6.10E-01	1.8	SRCGP4	OFF_SITE
553940.00	4180620.00	7.89E-01	1.8	SRCGP4	OFF_SITE
553940.00	4180640.00	9.13E-01	1.8	SRCGP4	OFF_SITE
553940.00	4180660.00	1.07E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180680.00	1.28E+00	1.8	SRCGP4	OFF_SITE



553940.00	4180720.00	1.97E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180740.00	2.61E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180760.00	3.71E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180780.00	6.02E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180520.00	4.21E-01	1.8	SRCGP4	OFF_SITE
553960.00	4180540.00	4.65E-01	1.8	SRCGP4	OFF_SITE
553960.00	4180560.00	5.16E-01	1.8	SRCGP4	OFF_SITE
553960.00	4180580.00	5.78E-01	1.8	SRCGP4	OFF_SITE
553960.00	4180620.00	7.42E-01	1.8	SRCGP4	OFF_SITE
553960.00	4180640.00	8.55E-01	1.8	SRCGP4	OFF_SITE
553960.00	4180660.00	9.99E-01	1.8	SRCGP4	OFF_SITE
553960.00	4180680.00	1.19E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180720.00	1.81E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180740.00	2.39E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180760.00	3.41E+00	1.8	SRCGP4	OFF_SITE
553980.00	4180520.00	4.02E-01	1.8	SRCGP4	OFF_SITE
553980.00	4180540.00	4.43E-01	1.8	SRCGP4	OFF_SITE
553980.00	4180560.00	4.91E-01	1.8	SRCGP4	OFF_SITE
553980.00	4180580.00	5.48E-01	1.8	SRCGP4	OFF_SITE
553980.00	4180620.00	7.00E-01	1.8	SRCGP4	OFF_SITE
553980.00	4180640.00	8.04E-01	1.8	SRCGP4	OFF_SITE
553980.00	4180660.00	9.37E-01	1.8	SRCGP4	OFF_SITE
553980.00	4180680.00	1.11E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181180.00	6.06E-01	1.8	SRCGP4	OFF_SITE
553920.00	4180660.00	1.15E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180920.00	3.22E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180920.00	1.25E+00	1.8	SRCGP4	OFF_SITE
553680.00	4181060.00	1.76E+00	1.8	SRCGP4	OFF_SITE
553760.00	4181080.00	2.86E+00	1.8	SRCGP4	R_A1_BA
553780.00	4181080.00	3.44E+00	1.8	SRCGP4	R_A1_BA
553760.00	4181100.00	2.42E+00	1.8	SRCGP4	R_A1_BA
553780.00	4181100.00	2.82E+00	1.8	SRCGP4	R_A1_BA
553760.00	4181120.00	2.04E+00	1.8	SRCGP4	R_A1_BA
553780.00	4181120.00	2.32E+00	1.8	SRCGP4	R_A1_BA
553760.00	4181140.00	1.73E+00	1.8	SRCGP4	R_A1_BA
553780.00	4181140.00	1.92E+00	1.8	SRCGP4	R_A1_BA
553760.00	4181000.00	4.82E+00	1.8	SRCGP4	R_A1_BB
553780.00	4181000.00	6.11E+00	1.8	SRCGP4	R_A1_BB
553760.00	4181020.00	4.38E+00	1.8	SRCGP4	R_A1_BB
553780.00	4181020.00	5.55E+00	1.8	SRCGP4	R_A1_BB
553760.00	4181040.00	3.88E+00	1.8	SRCGP4	R_A1_BB
553780.00	4181040.00	4.87E+00	1.8	SRCGP4	R_A1_BB
553780.00	4181060.00	4.14E+00	1.8	SRCGP4	R_A1_BB
553760.00	4180900.00	5.57E+00	1.8	SRCGP4	R_A1_BC
553780.00	4180900.00	6.87E+00	1.8	SRCGP4	R_A1_BC
553760.00	4180920.00	5.61E+00	1.8	SRCGP4	R_A1_BC
553780.00	4180920.00	6.96E+00	1.8	SRCGP4	R_A1_BC

553760.00	4180940.00	5.56E+00	1.8	SRCGP4	R_A1_BC
553780.00	4180940.00	6.94E+00	1.8	SRCGP4	R_A1_BC
553760.00	4180960.00	5.41E+00	1.8	SRCGP4	R_A1_BC
553780.00	4180960.00	6.80E+00	1.8	SRCGP4	R_A1_BC
553760.00	4180820.00	4.60E+00	1.8	SRCGP4	R_A1_BD1
553780.00	4180820.00	5.50E+00	1.8	SRCGP4	R_A1_BD1
553760.00	4180840.00	4.96E+00	1.8	SRCGP4	R_A1_BD1
553780.00	4180840.00	5.99E+00	1.8	SRCGP4	R_A1_BD1
553760.00	4180860.00	5.24E+00	1.8	SRCGP4	R_A1_BD1
553780.00	4180860.00	6.39E+00	1.8	SRCGP4	R_A1_BD1
553760.00	4180880.00	5.44E+00	1.8	SRCGP4	R_A1_BD1
553800.00	4180820.00	6.71E+00	1.8	SRCGP4	R_A1_BD2
553820.00	4180820.00	8.44E+00	1.8	SRCGP4	R_A1_BD2
553840.00	4180820.00	1.11E+01	1.8	SRCGP4	R_A1_BD2
553860.00	4180820.00	1.56E+01	1.8	SRCGP4	R_A1_BD2
553880.00	4180820.00	2.37E+01	1.8	SRCGP4	R_A1_BD2
553800.00	4180840.00	7.42E+00	1.8	SRCGP4	R_A1_BD2
553820.00	4180840.00	9.49E+00	1.8	SRCGP4	R_A1_BD2
553840.00	4180840.00	1.27E+01	1.8	SRCGP4	R_A1_BD2
553860.00	4180840.00	1.83E+01	1.8	SRCGP4	R_A1_BD2
553880.00	4180840.00	2.81E+01	1.8	SRCGP4	R_A1_BD2
553800.00	4180860.00	7.98E+00	1.8	SRCGP4	R_A1_BD2
553820.00	4180860.00	1.03E+01	1.8	SRCGP4	R_A1_BD2
553840.00	4180860.00	1.39E+01	1.8	SRCGP4	R_A1_BD2
553860.00	4180860.00	2.00E+01	1.8	SRCGP4	R_A1_BD2
553880.00	4180860.00	3.04E+01	1.8	SRCGP4	R_A1_BD2
553780.00	4180880.00	6.68E+00	1.8	SRCGP4	R_A1_BD2
553800.00	4180880.00	8.39E+00	1.8	SRCGP4	R_A1_BD2
553820.00	4180880.00	1.09E+01	1.8	SRCGP4	R_A1_BD2
553840.00	4180880.00	1.47E+01	1.8	SRCGP4	R_A1_BD2
553860.00	4180880.00	2.11E+01	1.8	SRCGP4	R_A1_BD2
553820.00	4181100.00	4.00E+00	1.8	SRCGP4	R_A2_BG
553840.00	4181100.00	4.86E+00	1.8	SRCGP4	R_A2_BG
553860.00	4181100.00	5.92E+00	1.8	SRCGP4	R_A2_BG
553820.00	4181120.00	3.03E+00	1.8	SRCGP4	R_A2_BG
553840.00	4181120.00	3.46E+00	1.8	SRCGP4	R_A2_BG
553860.00	4181120.00	3.91E+00	1.8	SRCGP4	R_A2_BG
553900.00	4181100.00	8.74E+00	1.8	SRCGP4	R_A2_BK
553920.00	4181100.00	1.01E+01	1.8	SRCGP4	R_A2_BK
553900.00	4181120.00	4.89E+00	1.8	SRCGP4	R_A2_BK
553920.00	4181120.00	5.41E+00	1.8	SRCGP4	R_A2_BK
553860.00	4181140.00	2.81E+00	1.8	SRCGP4	R_A2_PK
553880.00	4181140.00	3.02E+00	1.8	SRCGP4	R_A2_PK
553900.00	4181140.00	3.23E+00	1.8	SRCGP4	R_A2_PK
553920.00	4181140.00	3.46E+00	1.8	SRCGP4	R_A2_PK
553800.00	4181160.00	1.75E+00	1.8	SRCGP4	R_A2_PK
553820.00	4181160.00	1.89E+00	1.8	SRCGP4	R_A2_PK

553840.00	4181160.00	2.02E+00	1.8	SRCGP4	R_A2_PK
553860.00	4181160.00	2.14E+00	1.8	SRCGP4	R_A2_PK
553880.00	4181160.00	2.24E+00	1.8	SRCGP4	R_A2_PK
553900.00	4181160.00	2.34E+00	1.8	SRCGP4	R_A2_PK
553920.00	4181160.00	2.45E+00	1.8	SRCGP4	R_A2_PK
553740.00	4181180.00	1.19E+00	1.8	SRCGP4	R_A2_PK
553760.00	4181180.00	1.28E+00	1.8	SRCGP4	R_A2_PK
553780.00	4181180.00	1.37E+00	1.8	SRCGP4	R_A2_PK
553800.00	4181180.00	1.46E+00	1.8	SRCGP4	R_A2_PK
553820.00	4181180.00	1.55E+00	1.8	SRCGP4	R_A2_PK
553840.00	4181180.00	1.63E+00	1.8	SRCGP4	R_A2_PK
553860.00	4181180.00	1.69E+00	1.8	SRCGP4	R_A2_PK
553880.00	4181180.00	1.74E+00	1.8	SRCGP4	R_A2_PK
553900.00	4181180.00	1.79E+00	1.8	SRCGP4	R_A2_PK
553920.00	4181180.00	1.85E+00	1.8	SRCGP4	R_A2_PK
553740.00	4181200.00	1.04E+00	1.8	SRCGP4	R_A2_PK
553760.00	4181200.00	1.11E+00	1.8	SRCGP4	R_A2_PK
553780.00	4181200.00	1.18E+00	1.8	SRCGP4	R_A2_PK
553800.00	4181200.00	1.24E+00	1.8	SRCGP4	R_A2_PK
553820.00	4181200.00	1.29E+00	1.8	SRCGP4	R_A2_PK
553840.00	4181200.00	1.34E+00	1.8	SRCGP4	R_A2_PK
553860.00	4181200.00	1.38E+00	1.8	SRCGP4	R_A2_PK
553880.00	4181200.00	1.40E+00	1.8	SRCGP4	R_A2_PK
553900.00	4181200.00	1.43E+00	1.8	SRCGP4	R_A2_PK
553920.00	4181200.00	1.46E+00	1.8	SRCGP4	R_A2_PK
553840.00	4180920.00	1.57E+01	1.8	SRCGP4	R_A3_BE
553860.00	4180920.00	2.27E+01	1.8	SRCGP4	R_A3_BE
553820.00	4180940.00	1.17E+01	1.8	SRCGP4	R_A3_BE
553840.00	4180940.00	1.60E+01	1.8	SRCGP4	R_A3_BE
553860.00	4180940.00	2.32E+01	1.8	SRCGP4	R_A3_BE
553820.00	4181040.00	8.66E+00	1.8	SRCGP4	R_A3_BF
553840.00	4181040.00	1.27E+01	1.8	SRCGP4	R_A3_BF
553860.00	4181040.00	2.03E+01	1.8	SRCGP4	R_A3_BF
553820.00	4181060.00	7.03E+00	1.8	SRCGP4	R_A3_BF
553840.00	4181060.00	1.01E+01	1.8	SRCGP4	R_A3_BF
553860.00	4181060.00	1.63E+01	1.8	SRCGP4	R_A3_BF
553800.00	4180960.00	8.74E+00	1.8	SRCGP4	R_A3_SQ
553820.00	4180960.00	1.16E+01	1.8	SRCGP4	R_A3_SQ
553840.00	4180960.00	1.61E+01	1.8	SRCGP4	R_A3_SQ
553860.00	4180960.00	2.35E+01	1.8	SRCGP4	R_A3_SQ
553800.00	4180980.00	8.46E+00	1.8	SRCGP4	R_A3_SQ
553820.00	4180980.00	1.13E+01	1.8	SRCGP4	R_A3_SQ
553840.00	4180980.00	1.59E+01	1.8	SRCGP4	R_A3_SQ
553860.00	4180980.00	2.36E+01	1.8	SRCGP4	R_A3_SQ
553800.00	4181000.00	7.98E+00	1.8	SRCGP4	R_A3_SQ
553820.00	4181000.00	1.08E+01	1.8	SRCGP4	R_A3_SQ
553840.00	4181000.00	1.54E+01	1.8	SRCGP4	R_A3_SQ

553860.00	4181000.00	2.32E+01	1.8	SRCGP4	R_A3_SQ
553800.00	4181020.00	7.26E+00	1.8	SRCGP4	R_A3_SQ
553820.00	4181020.00	9.94E+00	1.8	SRCGP4	R_A3_SQ
553840.00	4181020.00	1.44E+01	1.8	SRCGP4	R_A3_SQ
553860.00	4181020.00	2.22E+01	1.8	SRCGP4	R_A3_SQ
553900.00	4180920.00	4.80E+01	1.8	SRCGP4	R_A4_BI
553920.00	4180920.00	5.32E+01	1.8	SRCGP4	R_A4_BI
553900.00	4180940.00	4.91E+01	1.8	SRCGP4	R_A4_BI
553920.00	4180940.00	5.44E+01	1.8	SRCGP4	R_A4_BI
553900.00	4180960.00	4.98E+01	1.8	SRCGP4	R_A4_BI
553920.00	4180960.00	5.55E+01	1.8	SRCGP4	R_A4_BI
553900.00	4181000.00	4.97E+01	1.8	SRCGP4	R_A4_BJ
553920.00	4181000.00	5.51E+01	1.8	SRCGP4	R_A4_BJ
553900.00	4181020.00	4.85E+01	1.8	SRCGP4	R_A4_BJ
553920.00	4181020.00	5.31E+01	1.8	SRCGP4	R_A4_BJ
553900.00	4181040.00	4.61E+01	1.8	SRCGP4	R_A4_BJ
553920.00	4181040.00	4.97E+01	1.8	SRCGP4	R_A4_BJ
553900.00	4181060.00	4.09E+01	1.8	SRCGP4	R_A4_BJ
553920.00	4181060.00	4.41E+01	1.8	SRCGP4	R_A4_BJ
553900.00	4181000.00	4.97E+01	1.8	SRCGP4	R_A4_BJ
553920.00	4181000.00	5.51E+01	1.8	SRCGP4	R_A4_BJ
553900.00	4180980.00	5.01E+01	1.8	SRCGP4	R_A4_CL
553920.00	4180980.00	5.57E+01	1.8	SRCGP4	R_A4_CL
553940.00	4180980.00	5.27E+01	1.8	SRCGP4	R_A4_CL
553880.00	4181000.00	3.57E+01	1.8	SRCGP4	R_A4_CL
553940.00	4181000.00	5.19E+01	1.8	SRCGP4	R_A4_CL
553940.00	4181080.00	2.47E+01	1.8	SRCGP4	R_A4_CL
553880.00	4180980.00	3.60E+01	1.8	SRCGP4	R_A4_CL
553600.00	4181380.00	3.51E-01	1.8	SRCGP4	R_ATT
553600.00	4181400.00	3.29E-01	1.8	SRCGP4	R_ATT
553620.00	4181340.00	4.14E-01	1.8	SRCGP4	R_ATT
553620.00	4181360.00	3.86E-01	1.8	SRCGP4	R_ATT
553620.00	4181380.00	3.61E-01	1.8	SRCGP4	R_ATT
553620.00	4181400.00	3.38E-01	1.8	SRCGP4	R_ATT
553620.00	4181420.00	3.17E-01	1.8	SRCGP4	R_ATT
553640.00	4181340.00	4.28E-01	1.8	SRCGP4	R_ATT
553640.00	4181320.00	4.61E-01	1.8	SRCGP4	R_ATT
553640.00	4181360.00	3.98E-01	1.8	SRCGP4	R_ATT
553640.00	4181380.00	3.71E-01	1.8	SRCGP4	R_ATT
553640.00	4181400.00	3.46E-01	1.8	SRCGP4	R_ATT
553640.00	4181420.00	3.23E-01	1.8	SRCGP4	R_ATT
553640.00	4181440.00	3.03E-01	1.8	SRCGP4	R_ATT
553660.00	4181320.00	4.78E-01	1.8	SRCGP4	R_ATT
553660.00	4181340.00	4.42E-01	1.8	SRCGP4	R_ATT
553660.00	4181360.00	4.10E-01	1.8	SRCGP4	R_ATT
553660.00	4181380.00	3.80E-01	1.8	SRCGP4	R_ATT
553660.00	4181400.00	3.54E-01	1.8	SRCGP4	R_ATT

553660.00	4181420.00	3.30E-01	1.8	SRCGP4	R_ATT
553660.00	4181440.00	3.08E-01	1.8	SRCGP4	R_ATT
553660.00	4181460.00	2.88E-01	1.8	SRCGP4	R_ATT
553680.00	4181360.00	4.20E-01	1.8	SRCGP4	R_ATT
553680.00	4181380.00	3.89E-01	1.8	SRCGP4	R_ATT
553680.00	4181400.00	3.61E-01	1.8	SRCGP4	R_ATT
553680.00	4181420.00	3.35E-01	1.8	SRCGP4	R_ATT
553680.00	4181440.00	3.12E-01	1.8	SRCGP4	R_ATT
553680.00	4181460.00	2.91E-01	1.8	SRCGP4	R_ATT
553680.00	4181480.00	2.72E-01	1.8	SRCGP4	R_ATT
553680.00	4181340.00	4.55E-01	1.8	SRCGP4	R_ATT
553680.00	4181320.00	4.94E-01	1.8	SRCGP4	R_ATT
553700.00	4181360.00	4.30E-01	1.8	SRCGP4	R_ATT
553700.00	4181380.00	3.97E-01	1.8	SRCGP4	R_ATT
553700.00	4181400.00	3.66E-01	1.8	SRCGP4	R_ATT
553700.00	4181420.00	3.39E-01	1.8	SRCGP4	R_ATT
553700.00	4181440.00	3.15E-01	1.8	SRCGP4	R_ATT
553700.00	4181460.00	2.93E-01	1.8	SRCGP4	R_ATT
553700.00	4181480.00	2.74E-01	1.8	SRCGP4	R_ATT
553700.00	4181500.00	2.56E-01	1.8	SRCGP4	R_ATT
553700.00	4181340.00	4.68E-01	1.8	SRCGP4	R_ATT
553700.00	4181320.00	5.10E-01	1.8	SRCGP4	R_ATT
553720.00	4181360.00	4.39E-01	1.8	SRCGP4	R_ATT
553720.00	4181380.00	4.03E-01	1.8	SRCGP4	R_ATT
553720.00	4181400.00	3.71E-01	1.8	SRCGP4	R_ATT
553720.00	4181420.00	3.43E-01	1.8	SRCGP4	R_ATT
553720.00	4181440.00	3.18E-01	1.8	SRCGP4	R_ATT
553720.00	4181460.00	2.95E-01	1.8	SRCGP4	R_ATT
553720.00	4181480.00	2.75E-01	1.8	SRCGP4	R_ATT
553720.00	4181500.00	2.56E-01	1.8	SRCGP4	R_ATT
553720.00	4181520.00	2.39E-01	1.8	SRCGP4	R_ATT
553720.00	4181340.00	4.79E-01	1.8	SRCGP4	R_ATT
553720.00	4181320.00	5.24E-01	1.8	SRCGP4	R_ATT
553740.00	4181360.00	4.45E-01	1.8	SRCGP4	R_ATT
553740.00	4181380.00	4.08E-01	1.8	SRCGP4	R_ATT
553740.00	4181400.00	3.74E-01	1.8	SRCGP4	R_ATT
553740.00	4181420.00	3.45E-01	1.8	SRCGP4	R_ATT
553740.00	4181440.00	3.19E-01	1.8	SRCGP4	R_ATT
553740.00	4181460.00	2.96E-01	1.8	SRCGP4	R_ATT
553740.00	4181480.00	2.75E-01	1.8	SRCGP4	R_ATT
553740.00	4181500.00	2.56E-01	1.8	SRCGP4	R_ATT
553740.00	4181520.00	2.39E-01	1.8	SRCGP4	R_ATT
553740.00	4181340.00	4.88E-01	1.8	SRCGP4	R_ATT
553740.00	4181320.00	5.37E-01	1.8	SRCGP4	R_ATT
553760.00	4181360.00	4.50E-01	1.8	SRCGP4	R_ATT
553760.00	4181380.00	4.11E-01	1.8	SRCGP4	R_ATT
553760.00	4181400.00	3.76E-01	1.8	SRCGP4	R_ATT

553760.00	4181420.00	3.46E-01	1.8	SRCGP4	R_ATT
553760.00	4181440.00	3.19E-01	1.8	SRCGP4	R_ATT
553760.00	4181460.00	2.95E-01	1.8	SRCGP4	R_ATT
553760.00	4181480.00	2.74E-01	1.8	SRCGP4	R_ATT
553760.00	4181500.00	2.55E-01	1.8	SRCGP4	R_ATT
553760.00	4181520.00	2.38E-01	1.8	SRCGP4	R_ATT
553760.00	4181340.00	4.95E-01	1.8	SRCGP4	R_ATT
553760.00	4181320.00	5.47E-01	1.8	SRCGP4	R_ATT
553780.00	4181360.00	4.53E-01	1.8	SRCGP4	R_ATT
553780.00	4181380.00	4.12E-01	1.8	SRCGP4	R_ATT
553780.00	4181400.00	3.77E-01	1.8	SRCGP4	R_ATT
553780.00	4181420.00	3.46E-01	1.8	SRCGP4	R_ATT
553780.00	4181440.00	3.18E-01	1.8	SRCGP4	R_ATT
553780.00	4181460.00	2.94E-01	1.8	SRCGP4	R_ATT
553780.00	4181480.00	2.72E-01	1.8	SRCGP4	R_ATT
553780.00	4181500.00	2.53E-01	1.8	SRCGP4	R_ATT
553780.00	4181520.00	2.36E-01	1.8	SRCGP4	R_ATT
553780.00	4181340.00	5.00E-01	1.8	SRCGP4	R_ATT
553800.00	4181360.00	4.54E-01	1.8	SRCGP4	R_ATT
553800.00	4181380.00	4.12E-01	1.8	SRCGP4	R_ATT
553800.00	4181400.00	3.76E-01	1.8	SRCGP4	R_ATT
553800.00	4181420.00	3.44E-01	1.8	SRCGP4	R_ATT
553800.00	4181440.00	3.16E-01	1.8	SRCGP4	R_ATT
553800.00	4181460.00	2.92E-01	1.8	SRCGP4	R_ATT
553800.00	4181480.00	2.70E-01	1.8	SRCGP4	R_ATT
553800.00	4181500.00	2.51E-01	1.8	SRCGP4	R_ATT
553800.00	4181520.00	2.34E-01	1.8	SRCGP4	R_ATT
553820.00	4181360.00	4.53E-01	1.8	SRCGP4	R_ATT
553820.00	4181380.00	4.10E-01	1.8	SRCGP4	R_ATT
553820.00	4181400.00	3.74E-01	1.8	SRCGP4	R_ATT
553820.00	4181420.00	3.42E-01	1.8	SRCGP4	R_ATT
553820.00	4181440.00	3.14E-01	1.8	SRCGP4	R_ATT
553820.00	4181460.00	2.89E-01	1.8	SRCGP4	R_ATT
553820.00	4181480.00	2.67E-01	1.8	SRCGP4	R_ATT
553820.00	4181500.00	2.48E-01	1.8	SRCGP4	R_ATT
553820.00	4181520.00	2.31E-01	1.8	SRCGP4	R_ATT
553840.00	4181360.00	4.50E-01	1.8	SRCGP4	R_ATT
553840.00	4181380.00	4.07E-01	1.8	SRCGP4	R_ATT
553840.00	4181400.00	3.70E-01	1.8	SRCGP4	R_ATT
553840.00	4181420.00	3.38E-01	1.8	SRCGP4	R_ATT
553840.00	4181440.00	3.10E-01	1.8	SRCGP4	R_ATT
553840.00	4181460.00	2.86E-01	1.8	SRCGP4	R_ATT
553840.00	4181480.00	2.64E-01	1.8	SRCGP4	R_ATT
553840.00	4181500.00	2.45E-01	1.8	SRCGP4	R_ATT
553840.00	4181520.00	2.28E-01	1.8	SRCGP4	R_ATT
553920.00	4180820.00	3.77E+01	1.8	SRCGP4	R_B4_BH
553940.00	4180820.00	3.31E+01	1.8	SRCGP4	R_B4_BH

553920.00	4180840.00	4.65E+01	1.8	SRCGP4	R_B4_BH
553940.00	4180840.00	4.21E+01	1.8	SRCGP4	R_B4_BH
553900.00	4180860.00	4.38E+01	1.8	SRCGP4	R_B4_BH
553920.00	4180860.00	4.96E+01	1.8	SRCGP4	R_B4_BH
553940.00	4180860.00	4.53E+01	1.8	SRCGP4	R_B4_BH
553900.00	4180880.00	4.55E+01	1.8	SRCGP4	R_B4_BH
553920.00	4180880.00	5.12E+01	1.8	SRCGP4	R_B4_BH
553960.00	4181040.00	3.15E+01	1.8	SRCGP4	R_PIER48
553980.00	4181040.00	2.14E+01	1.8	SRCGP4	R_PIER48
554000.00	4181040.00	1.52E+01	1.8	SRCGP4	R_PIER48
553960.00	4181060.00	2.52E+01	1.8	SRCGP4	R_PIER48
553980.00	4181060.00	1.71E+01	1.8	SRCGP4	R_PIER48
554000.00	4181060.00	1.26E+01	1.8	SRCGP4	R_PIER48
554020.00	4181060.00	9.79E+00	1.8	SRCGP4	R_PIER48
554040.00	4181060.00	7.89E+00	1.8	SRCGP4	R_PIER48
554060.00	4181060.00	6.53E+00	1.8	SRCGP4	R_PIER48
554080.00	4181060.00	5.51E+00	1.8	SRCGP4	R_PIER48
554100.00	4181060.00	4.72E+00	1.8	SRCGP4	R_PIER48
554120.00	4181060.00	4.10E+00	1.8	SRCGP4	R_PIER48
554140.00	4181060.00	3.59E+00	1.8	SRCGP4	R_PIER48
554160.00	4181060.00	3.17E+00	1.8	SRCGP4	R_PIER48
553960.00	4181080.00	1.76E+01	1.8	SRCGP4	R_PIER48
553980.00	4181080.00	1.27E+01	1.8	SRCGP4	R_PIER48
554000.00	4181080.00	9.82E+00	1.8	SRCGP4	R_PIER48
554020.00	4181080.00	7.95E+00	1.8	SRCGP4	R_PIER48
554040.00	4181080.00	6.61E+00	1.8	SRCGP4	R_PIER48
554060.00	4181080.00	5.60E+00	1.8	SRCGP4	R_PIER48
554080.00	4181080.00	4.81E+00	1.8	SRCGP4	R_PIER48
554100.00	4181080.00	4.19E+00	1.8	SRCGP4	R_PIER48
554120.00	4181080.00	3.68E+00	1.8	SRCGP4	R_PIER48
554140.00	4181080.00	3.26E+00	1.8	SRCGP4	R_PIER48
554160.00	4181080.00	2.90E+00	1.8	SRCGP4	R_PIER48
553960.00	4181100.00	9.99E+00	1.8	SRCGP4	R_PIER48
553980.00	4181100.00	8.58E+00	1.8	SRCGP4	R_PIER48
554000.00	4181100.00	7.27E+00	1.8	SRCGP4	R_PIER48
554020.00	4181100.00	6.21E+00	1.8	SRCGP4	R_PIER48
554040.00	4181100.00	5.36E+00	1.8	SRCGP4	R_PIER48
554060.00	4181100.00	4.68E+00	1.8	SRCGP4	R_PIER48
554080.00	4181100.00	4.11E+00	1.8	SRCGP4	R_PIER48
554100.00	4181100.00	3.64E+00	1.8	SRCGP4	R_PIER48
554120.00	4181100.00	3.25E+00	1.8	SRCGP4	R_PIER48
554140.00	4181100.00	2.91E+00	1.8	SRCGP4	R_PIER48
554160.00	4181100.00	2.62E+00	1.8	SRCGP4	R_PIER48
553960.00	4181120.00	5.92E+00	1.8	SRCGP4	R_PIER48
553980.00	4181120.00	5.68E+00	1.8	SRCGP4	R_PIER48
554000.00	4181120.00	5.23E+00	1.8	SRCGP4	R_PIER48
554020.00	4181120.00	4.73E+00	1.8	SRCGP4	R_PIER48

554040.00	4181120.00	4.26E+00	1.8	SRCGP4	R_PIER48
554060.00	4181120.00	3.84E+00	1.8	SRCGP4	R_PIER48
554080.00	4181120.00	3.46E+00	1.8	SRCGP4	R_PIER48
554100.00	4181120.00	3.12E+00	1.8	SRCGP4	R_PIER48
554120.00	4181120.00	2.83E+00	1.8	SRCGP4	R_PIER48
554140.00	4181120.00	2.57E+00	1.8	SRCGP4	R_PIER48
553940.00	4181140.00	3.68E+00	1.8	SRCGP4	R_PIER48
553960.00	4181140.00	3.84E+00	1.8	SRCGP4	R_PIER48
553980.00	4181140.00	3.87E+00	1.8	SRCGP4	R_PIER48
554000.00	4181140.00	3.77E+00	1.8	SRCGP4	R_PIER48
554020.00	4181140.00	3.58E+00	1.8	SRCGP4	R_PIER48
554040.00	4181140.00	3.35E+00	1.8	SRCGP4	R_PIER48
554060.00	4181140.00	3.11E+00	1.8	SRCGP4	R_PIER48
554080.00	4181140.00	2.87E+00	1.8	SRCGP4	R_PIER48
554100.00	4181140.00	2.65E+00	1.8	SRCGP4	R_PIER48
554120.00	4181140.00	2.44E+00	1.8	SRCGP4	R_PIER48
554140.00	4181140.00	2.25E+00	1.8	SRCGP4	R_PIER48
554040.00	4181160.00	2.64E+00	1.8	SRCGP4	R_PIER48
554060.00	4181160.00	2.51E+00	1.8	SRCGP4	R_PIER48
554080.00	4181160.00	2.37E+00	1.8	SRCGP4	R_PIER48
554100.00	4181160.00	2.23E+00	1.8	SRCGP4	R_PIER48
554120.00	4181160.00	2.09E+00	1.8	SRCGP4	R_PIER48
554140.00	4181160.00	1.95E+00	1.8	SRCGP4	R_PIER48
553980.00	4180780.00	5.06E+00	1.8	SRCGP4	R_PIER50
553980.00	4180800.00	8.61E+00	1.8	SRCGP4	R_PIER50
553980.00	4180820.00	1.38E+01	1.8	SRCGP4	R_PIER50
553980.00	4180840.00	1.82E+01	1.8	SRCGP4	R_PIER50
553980.00	4180860.00	2.07E+01	1.8	SRCGP4	R_PIER50
553980.00	4180880.00	2.21E+01	1.8	SRCGP4	R_PIER50
553980.00	4180900.00	2.29E+01	1.8	SRCGP4	R_PIER50
553980.00	4180920.00	2.35E+01	1.8	SRCGP4	R_PIER50
553980.00	4180940.00	2.46E+01	1.8	SRCGP4	R_PIER50
553980.00	4180960.00	2.66E+01	1.8	SRCGP4	R_PIER50
554000.00	4180720.00	1.63E+00	1.8	SRCGP4	R_PIER50
554000.00	4180740.00	2.16E+00	1.8	SRCGP4	R_PIER50
554000.00	4180760.00	3.06E+00	1.8	SRCGP4	R_PIER50
554000.00	4180780.00	4.56E+00	1.8	SRCGP4	R_PIER50
554000.00	4180800.00	6.87E+00	1.8	SRCGP4	R_PIER50
554000.00	4180820.00	9.71E+00	1.8	SRCGP4	R_PIER50
554000.00	4180840.00	1.23E+01	1.8	SRCGP4	R_PIER50
554000.00	4180860.00	1.42E+01	1.8	SRCGP4	R_PIER50
554000.00	4180880.00	1.55E+01	1.8	SRCGP4	R_PIER50
554000.00	4180900.00	1.63E+01	1.8	SRCGP4	R_PIER50
554000.00	4180920.00	1.70E+01	1.8	SRCGP4	R_PIER50
554000.00	4180940.00	1.78E+01	1.8	SRCGP4	R_PIER50
554000.00	4180960.00	1.86E+01	1.8	SRCGP4	R_PIER50
554020.00	4180840.00	9.12E+00	1.8	SRCGP4	R_PIER50



554020.00	4180860.00	1.05E+01	1.8	SRCGP4	R_PIER50
554020.00	4180880.00	1.16E+01	1.8	SRCGP4	R_PIER50
554020.00	4180900.00	1.23E+01	1.8	SRCGP4	R_PIER50
554020.00	4180920.00	1.29E+01	1.8	SRCGP4	R_PIER50
554020.00	4180940.00	1.35E+01	1.8	SRCGP4	R_PIER50
554020.00	4180960.00	1.39E+01	1.8	SRCGP4	R_PIER50
554040.00	4180840.00	7.15E+00	1.8	SRCGP4	R_PIER50
554040.00	4180860.00	8.19E+00	1.8	SRCGP4	R_PIER50
554040.00	4180880.00	9.04E+00	1.8	SRCGP4	R_PIER50
554040.00	4180900.00	9.70E+00	1.8	SRCGP4	R_PIER50
554040.00	4180920.00	1.02E+01	1.8	SRCGP4	R_PIER50
554040.00	4180940.00	1.07E+01	1.8	SRCGP4	R_PIER50
554040.00	4180960.00	1.09E+01	1.8	SRCGP4	R_PIER50
554060.00	4180840.00	5.82E+00	1.8	SRCGP4	R_PIER50
554060.00	4180860.00	6.63E+00	1.8	SRCGP4	R_PIER50
554060.00	4180880.00	7.31E+00	1.8	SRCGP4	R_PIER50
554060.00	4180900.00	7.87E+00	1.8	SRCGP4	R_PIER50
554060.00	4180920.00	8.31E+00	1.8	SRCGP4	R_PIER50
554060.00	4180940.00	8.63E+00	1.8	SRCGP4	R_PIER50
554060.00	4180960.00	8.81E+00	1.8	SRCGP4	R_PIER50
554080.00	4180840.00	4.88E+00	1.8	SRCGP4	R_PIER50
554080.00	4180860.00	5.51E+00	1.8	SRCGP4	R_PIER50
554080.00	4180880.00	6.06E+00	1.8	SRCGP4	R_PIER50
554080.00	4180900.00	6.52E+00	1.8	SRCGP4	R_PIER50
554080.00	4180920.00	6.88E+00	1.8	SRCGP4	R_PIER50
554080.00	4180940.00	7.14E+00	1.8	SRCGP4	R_PIER50
554080.00	4180960.00	7.26E+00	1.8	SRCGP4	R_PIER50
554100.00	4180840.00	4.17E+00	1.8	SRCGP4	R_PIER50
554100.00	4180860.00	4.67E+00	1.8	SRCGP4	R_PIER50
554100.00	4180880.00	5.12E+00	1.8	SRCGP4	R_PIER50
554100.00	4180900.00	5.50E+00	1.8	SRCGP4	R_PIER50
554100.00	4180920.00	5.79E+00	1.8	SRCGP4	R_PIER50
554100.00	4180940.00	6.00E+00	1.8	SRCGP4	R_PIER50
554100.00	4180960.00	6.09E+00	1.8	SRCGP4	R_PIER50
554120.00	4180840.00	3.62E+00	1.8	SRCGP4	R_PIER50
554120.00	4180860.00	4.03E+00	1.8	SRCGP4	R_PIER50
554120.00	4180880.00	4.39E+00	1.8	SRCGP4	R_PIER50
554120.00	4180900.00	4.70E+00	1.8	SRCGP4	R_PIER50
554120.00	4180920.00	4.94E+00	1.8	SRCGP4	R_PIER50
554120.00	4180940.00	5.11E+00	1.8	SRCGP4	R_PIER50
554120.00	4180960.00	5.18E+00	1.8	SRCGP4	R_PIER50
554140.00	4180840.00	3.18E+00	1.8	SRCGP4	R_PIER50
554140.00	4180860.00	3.52E+00	1.8	SRCGP4	R_PIER50
554140.00	4180880.00	3.82E+00	1.8	SRCGP4	R_PIER50
554140.00	4180900.00	4.07E+00	1.8	SRCGP4	R_PIER50
554140.00	4180920.00	4.27E+00	1.8	SRCGP4	R_PIER50
554140.00	4180940.00	4.40E+00	1.8	SRCGP4	R_PIER50

554140.00	4180960.00	4.46E+00	1.8	SRCGP4	R_PIER50
554160.00	4180840.00	2.82E+00	1.8	SRCGP4	R_PIER50
554160.00	4180860.00	3.10E+00	1.8	SRCGP4	R_PIER50
554160.00	4180880.00	3.35E+00	1.8	SRCGP4	R_PIER50
554160.00	4180900.00	3.56E+00	1.8	SRCGP4	R_PIER50
554160.00	4180920.00	3.72E+00	1.8	SRCGP4	R_PIER50
554160.00	4180940.00	3.83E+00	1.8	SRCGP4	R_PIER50
554160.00	4180960.00	3.87E+00	1.8	SRCGP4	R_PIER50
554180.00	4180840.00	2.52E+00	1.8	SRCGP4	R_PIER50
554180.00	4180860.00	2.76E+00	1.8	SRCGP4	R_PIER50
554180.00	4180880.00	2.97E+00	1.8	SRCGP4	R_PIER50
554180.00	4180900.00	3.14E+00	1.8	SRCGP4	R_PIER50
554180.00	4180920.00	3.27E+00	1.8	SRCGP4	R_PIER50
554180.00	4180940.00	3.36E+00	1.8	SRCGP4	R_PIER50
554180.00	4180960.00	3.40E+00	1.8	SRCGP4	R_PIER50
554200.00	4180840.00	2.27E+00	1.8	SRCGP4	R_PIER50
554200.00	4180860.00	2.47E+00	1.8	SRCGP4	R_PIER50
554200.00	4180880.00	2.64E+00	1.8	SRCGP4	R_PIER50
554200.00	4180900.00	2.79E+00	1.8	SRCGP4	R_PIER50
554200.00	4180920.00	2.90E+00	1.8	SRCGP4	R_PIER50
554200.00	4180940.00	2.97E+00	1.8	SRCGP4	R_PIER50
554200.00	4180960.00	3.00E+00	1.8	SRCGP4	R_PIER50
554220.00	4180840.00	2.06E+00	1.8	SRCGP4	R_PIER50
554220.00	4180860.00	2.23E+00	1.8	SRCGP4	R_PIER50
554220.00	4180880.00	2.37E+00	1.8	SRCGP4	R_PIER50
554220.00	4180900.00	2.50E+00	1.8	SRCGP4	R_PIER50
554220.00	4180920.00	2.59E+00	1.8	SRCGP4	R_PIER50
554220.00	4180940.00	2.65E+00	1.8	SRCGP4	R_PIER50
554220.00	4180960.00	2.67E+00	1.8	SRCGP4	R_PIER50
554240.00	4180820.00	1.72E+00	1.8	SRCGP4	R_PIER50
554240.00	4180840.00	1.88E+00	1.8	SRCGP4	R_PIER50
554240.00	4180860.00	2.02E+00	1.8	SRCGP4	R_PIER50
554240.00	4180880.00	2.14E+00	1.8	SRCGP4	R_PIER50
554240.00	4180900.00	2.25E+00	1.8	SRCGP4	R_PIER50
554240.00	4180920.00	2.32E+00	1.8	SRCGP4	R_PIER50
554240.00	4180940.00	2.37E+00	1.8	SRCGP4	R_PIER50
554240.00	4180960.00	2.39E+00	1.8	SRCGP4	R_PIER50
554260.00	4180820.00	1.58E+00	1.8	SRCGP4	R_PIER50
554260.00	4180840.00	1.72E+00	1.8	SRCGP4	R_PIER50
554260.00	4180860.00	1.84E+00	1.8	SRCGP4	R_PIER50
554260.00	4180880.00	1.94E+00	1.8	SRCGP4	R_PIER50
554260.00	4180900.00	2.03E+00	1.8	SRCGP4	R_PIER50
554260.00	4180920.00	2.10E+00	1.8	SRCGP4	R_PIER50
554260.00	4180940.00	2.14E+00	1.8	SRCGP4	R_PIER50
554260.00	4180960.00	2.15E+00	1.8	SRCGP4	R_PIER50
554280.00	4180800.00	1.34E+00	1.8	SRCGP4	R_PIER50
554280.00	4180820.00	1.46E+00	1.8	SRCGP4	R_PIER50

554280.00	4180840.00	1.58E+00	1.8	SRCGP4	R_PIER50
554280.00	4180860.00	1.68E+00	1.8	SRCGP4	R_PIER50
554280.00	4180880.00	1.77E+00	1.8	SRCGP4	R_PIER50
554280.00	4180900.00	1.85E+00	1.8	SRCGP4	R_PIER50
554280.00	4180920.00	1.90E+00	1.8	SRCGP4	R_PIER50
554280.00	4180940.00	1.94E+00	1.8	SRCGP4	R_PIER50
554280.00	4180960.00	1.95E+00	1.8	SRCGP4	R_PIER50
554300.00	4180780.00	1.14E+00	1.8	SRCGP4	R_PIER50
554300.00	4180800.00	1.25E+00	1.8	SRCGP4	R_PIER50
554300.00	4180820.00	1.35E+00	1.8	SRCGP4	R_PIER50
554300.00	4180840.00	1.45E+00	1.8	SRCGP4	R_PIER50
554300.00	4180860.00	1.54E+00	1.8	SRCGP4	R_PIER50
554300.00	4180880.00	1.62E+00	1.8	SRCGP4	R_PIER50
554300.00	4180900.00	1.68E+00	1.8	SRCGP4	R_PIER50
554300.00	4180920.00	1.73E+00	1.8	SRCGP4	R_PIER50
554300.00	4180940.00	1.76E+00	1.8	SRCGP4	R_PIER50
554300.00	4180960.00	1.77E+00	1.8	SRCGP4	R_PIER50
554320.00	4180780.00	1.07E+00	1.8	SRCGP4	R_PIER50
554320.00	4180800.00	1.16E+00	1.8	SRCGP4	R_PIER50
554320.00	4180820.00	1.26E+00	1.8	SRCGP4	R_PIER50
554320.00	4180840.00	1.34E+00	1.8	SRCGP4	R_PIER50
554320.00	4180860.00	1.42E+00	1.8	SRCGP4	R_PIER50
554320.00	4180880.00	1.49E+00	1.8	SRCGP4	R_PIER50
554320.00	4180900.00	1.54E+00	1.8	SRCGP4	R_PIER50
554320.00	4180920.00	1.58E+00	1.8	SRCGP4	R_PIER50
554320.00	4180940.00	1.61E+00	1.8	SRCGP4	R_PIER50
554320.00	4180960.00	1.62E+00	1.8	SRCGP4	R_PIER50
554340.00	4180760.00	9.20E-01	1.8	SRCGP4	R_PIER50
554340.00	4180780.00	1.00E+00	1.8	SRCGP4	R_PIER50
554340.00	4180800.00	1.09E+00	1.8	SRCGP4	R_PIER50
554340.00	4180820.00	1.17E+00	1.8	SRCGP4	R_PIER50
554340.00	4180840.00	1.24E+00	1.8	SRCGP4	R_PIER50
554340.00	4180860.00	1.31E+00	1.8	SRCGP4	R_PIER50
554340.00	4180880.00	1.37E+00	1.8	SRCGP4	R_PIER50
554340.00	4180900.00	1.42E+00	1.8	SRCGP4	R_PIER50
554340.00	4180920.00	1.45E+00	1.8	SRCGP4	R_PIER50
554340.00	4180940.00	1.47E+00	1.8	SRCGP4	R_PIER50
554340.00	4180960.00	1.48E+00	1.8	SRCGP4	R_PIER50
554360.00	4180760.00	8.70E-01	1.8	SRCGP4	R_PIER50
554360.00	4180780.00	9.45E-01	1.8	SRCGP4	R_PIER50
554360.00	4180800.00	1.02E+00	1.8	SRCGP4	R_PIER50
554360.00	4180820.00	1.09E+00	1.8	SRCGP4	R_PIER50
554360.00	4180840.00	1.16E+00	1.8	SRCGP4	R_PIER50
554360.00	4180860.00	1.22E+00	1.8	SRCGP4	R_PIER50
554360.00	4180880.00	1.27E+00	1.8	SRCGP4	R_PIER50
554360.00	4180900.00	1.31E+00	1.8	SRCGP4	R_PIER50
554360.00	4180920.00	1.34E+00	1.8	SRCGP4	R_PIER50

554360.00	4180940.00	1.36E+00	1.8	SRCGP4	R_PIER50
554360.00	4180960.00	1.36E+00	1.8	SRCGP4	R_PIER50
554380.00	4180740.00	7.56E-01	1.8	SRCGP4	R_PIER50
554380.00	4180760.00	8.23E-01	1.8	SRCGP4	R_PIER50
554380.00	4180780.00	8.90E-01	1.8	SRCGP4	R_PIER50
554380.00	4180800.00	9.56E-01	1.8	SRCGP4	R_PIER50
554380.00	4180820.00	1.02E+00	1.8	SRCGP4	R_PIER50
554380.00	4180840.00	1.08E+00	1.8	SRCGP4	R_PIER50
554380.00	4180860.00	1.13E+00	1.8	SRCGP4	R_PIER50
554380.00	4180880.00	1.17E+00	1.8	SRCGP4	R_PIER50
554380.00	4180900.00	1.21E+00	1.8	SRCGP4	R_PIER50
554380.00	4180920.00	1.24E+00	1.8	SRCGP4	R_PIER50
554380.00	4180940.00	1.25E+00	1.8	SRCGP4	R_PIER50
554380.00	4180960.00	1.26E+00	1.8	SRCGP4	R_PIER50
554400.00	4180740.00	7.20E-01	1.8	SRCGP4	R_PIER50
554400.00	4180760.00	7.80E-01	1.8	SRCGP4	R_PIER50
554400.00	4180780.00	8.40E-01	1.8	SRCGP4	R_PIER50
554400.00	4180800.00	8.99E-01	1.8	SRCGP4	R_PIER50
554400.00	4180820.00	9.55E-01	1.8	SRCGP4	R_PIER50
554400.00	4180840.00	1.01E+00	1.8	SRCGP4	R_PIER50
554400.00	4180860.00	1.05E+00	1.8	SRCGP4	R_PIER50
554400.00	4180880.00	1.09E+00	1.8	SRCGP4	R_PIER50
554400.00	4180900.00	1.12E+00	1.8	SRCGP4	R_PIER50
554400.00	4180920.00	1.15E+00	1.8	SRCGP4	R_PIER50
554400.00	4180940.00	1.16E+00	1.8	SRCGP4	R_PIER50
554400.00	4180960.00	1.16E+00	1.8	SRCGP4	R_PIER50
554420.00	4180720.00	6.31E-01	1.8	SRCGP4	R_PIER50
554420.00	4180740.00	6.86E-01	1.8	SRCGP4	R_PIER50
554420.00	4180760.00	7.40E-01	1.8	SRCGP4	R_PIER50
554420.00	4180780.00	7.94E-01	1.8	SRCGP4	R_PIER50
554420.00	4180800.00	8.47E-01	1.8	SRCGP4	R_PIER50
554420.00	4180820.00	8.96E-01	1.8	SRCGP4	R_PIER50
554420.00	4180840.00	9.42E-01	1.8	SRCGP4	R_PIER50
554420.00	4180860.00	9.82E-01	1.8	SRCGP4	R_PIER50
554420.00	4180880.00	1.02E+00	1.8	SRCGP4	R_PIER50
554420.00	4180900.00	1.04E+00	1.8	SRCGP4	R_PIER50
554420.00	4180920.00	1.06E+00	1.8	SRCGP4	R_PIER50
554420.00	4180940.00	1.08E+00	1.8	SRCGP4	R_PIER50
554420.00	4180960.00	1.08E+00	1.8	SRCGP4	R_PIER50
554440.00	4180720.00	6.04E-01	1.8	SRCGP4	R_PIER50
554440.00	4180740.00	6.54E-01	1.8	SRCGP4	R_PIER50
554440.00	4180760.00	7.03E-01	1.8	SRCGP4	R_PIER50
554440.00	4180780.00	7.52E-01	1.8	SRCGP4	R_PIER50
554440.00	4180800.00	7.98E-01	1.8	SRCGP4	R_PIER50
554440.00	4180820.00	8.43E-01	1.8	SRCGP4	R_PIER50
554440.00	4180840.00	8.83E-01	1.8	SRCGP4	R_PIER50
554440.00	4180860.00	9.19E-01	1.8	SRCGP4	R_PIER50

554440.00	4180880.00	9.49E-01	1.8	SRCGP4	R_PIER50
554440.00	4180900.00	9.74E-01	1.8	SRCGP4	R_PIER50
554440.00	4180920.00	9.91E-01	1.8	SRCGP4	R_PIER50
554440.00	4180940.00	1.00E+00	1.8	SRCGP4	R_PIER50
554440.00	4180960.00	1.01E+00	1.8	SRCGP4	R_PIER50
553680.00	4180480.00	4.89E-01	1.8	SRCGP4	Sensitive
553360.00	4181000.00	4.58E-01	1.8	SRCGP4	Sensitive
553160.00	4180800.00	3.28E-01	1.8	SRCGP4	Sensitive
552940.00	4180980.00	1.73E-01	1.8	SRCGP4	Sensitive
553440.00	4180240.00	2.12E-01	1.8	SRCGP4	Sensitive
553920.00	4180800.00	1.46E+01	1.8	SRCGP4	Sensitive
553400.00	4180440.00	3.56E-01	1.8	SRCGP4	Sensitive
553920.00	4180000.00	9.51E-02	1.8	SRCGP4	Sensitive
553560.00	4180360.00	3.06E-01	1.8	SRCGP4	Sensitive
553360.00	4180340.00	2.65E-01	1.8	SRCGP4	Sensitive
553160.00	4181180.00	2.07E-01	1.8	SRCGP4	Sensitive

**Annual Average Concentraion at Each Receptor Location: Mission Rock Construction Scenario - Source Grou**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	2.68E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180540.00	2.82E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180560.00	2.96E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180580.00	3.11E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180600.00	3.27E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180620.00	3.44E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180640.00	3.61E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180660.00	3.79E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180720.00	4.32E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180740.00	4.50E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180760.00	4.66E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180780.00	4.81E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180800.00	4.94E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180840.00	5.14E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180860.00	5.20E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180880.00	5.24E-01	1.8	SRCGP5	OFF_SITE
553440.00	4180900.00	5.24E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181020.00	4.85E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181040.00	4.73E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181060.00	4.60E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181080.00	4.47E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181160.00	3.90E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181180.00	3.76E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181200.00	3.63E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181220.00	3.51E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181240.00	3.39E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181260.00	3.27E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181300.00	3.06E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181320.00	2.96E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181340.00	2.87E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181360.00	2.78E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181380.00	2.69E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181400.00	2.60E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181420.00	2.52E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181440.00	2.44E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181460.00	2.36E-01	1.8	SRCGP5	OFF_SITE
553440.00	4181480.00	2.28E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180520.00	2.71E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180540.00	2.85E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180560.00	3.00E-01	1.8	SRCGP5	OFF_SITE

553460.00	4180580.00	3.16E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180600.00	3.33E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180620.00	3.51E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180640.00	3.69E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180660.00	3.88E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180700.00	4.27E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180740.00	4.66E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180760.00	4.85E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180780.00	5.02E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180800.00	5.18E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180820.00	5.31E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180860.00	5.51E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180880.00	5.56E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180900.00	5.58E-01	1.8	SRCGP5	OFF_SITE
553460.00	4180920.00	5.58E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181040.00	5.06E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181060.00	4.92E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181120.00	4.46E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181140.00	4.31E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181180.00	4.00E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181200.00	3.85E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181220.00	3.72E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181240.00	3.58E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181260.00	3.46E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181280.00	3.34E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181320.00	3.12E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181340.00	3.01E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181360.00	2.91E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181380.00	2.82E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181400.00	2.72E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181420.00	2.63E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181440.00	2.54E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181460.00	2.45E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181500.00	2.29E-01	1.8	SRCGP5	OFF_SITE
553460.00	4181520.00	2.22E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180520.00	2.74E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180540.00	2.89E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180560.00	3.05E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180580.00	3.21E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180600.00	3.39E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180620.00	3.57E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180640.00	3.77E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180660.00	3.97E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180700.00	4.40E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180720.00	4.62E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180760.00	5.04E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180780.00	5.25E-01	1.8	SRCGP5	OFF_SITE

553480.00	4180800.00	5.43E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180820.00	5.59E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180840.00	5.73E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180880.00	5.91E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180900.00	5.95E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180920.00	5.96E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180940.00	5.93E-01	1.8	SRCGP5	OFF_SITE
553480.00	4180960.00	5.88E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181040.00	5.44E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181080.00	5.12E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181100.00	4.95E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181120.00	4.78E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181140.00	4.60E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181160.00	4.43E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181200.00	4.10E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181220.00	3.95E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181240.00	3.80E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181260.00	3.66E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181280.00	3.53E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181300.00	3.41E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181340.00	3.17E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181360.00	3.06E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181380.00	2.95E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181400.00	2.85E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181420.00	2.75E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181440.00	2.65E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181480.00	2.47E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181500.00	2.38E-01	1.8	SRCGP5	OFF_SITE
553480.00	4181520.00	2.30E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180520.00	2.77E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180540.00	2.93E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180560.00	3.09E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180580.00	3.26E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180600.00	3.45E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180620.00	3.64E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180640.00	3.85E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180660.00	4.07E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180700.00	4.53E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180720.00	4.77E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180740.00	5.01E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180780.00	5.48E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180800.00	5.69E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180820.00	5.89E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180840.00	6.05E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180860.00	6.19E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180900.00	6.35E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180920.00	6.38E-01	1.8	SRCGP5	OFF_SITE



553500.00	4180940.00	6.37E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180960.00	6.32E-01	1.8	SRCGP5	OFF_SITE
553500.00	4180980.00	6.24E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181000.00	6.13E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181060.00	5.69E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181080.00	5.51E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181100.00	5.32E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181120.00	5.13E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181140.00	4.93E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181160.00	4.74E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181180.00	4.55E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181220.00	4.20E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181240.00	4.04E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181260.00	3.89E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181280.00	3.74E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181300.00	3.60E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181320.00	3.47E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181360.00	3.22E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181380.00	3.10E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181400.00	2.98E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181420.00	2.87E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181460.00	2.67E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181480.00	2.57E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181500.00	2.47E-01	1.8	SRCGP5	OFF_SITE
553500.00	4181520.00	2.38E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180520.00	2.80E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180540.00	2.96E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180560.00	3.13E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180580.00	3.31E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180600.00	3.50E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180620.00	3.71E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180640.00	3.93E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180660.00	4.16E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180700.00	4.66E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180720.00	4.92E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180740.00	5.18E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180760.00	5.45E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180800.00	5.96E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180820.00	6.20E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180840.00	6.40E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180860.00	6.57E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180880.00	6.71E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180920.00	6.84E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180940.00	6.85E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180960.00	6.81E-01	1.8	SRCGP5	OFF_SITE
553520.00	4180980.00	6.73E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181000.00	6.62E-01	1.8	SRCGP5	OFF_SITE

553520.00	4181080.00	5.94E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181100.00	5.73E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181120.00	5.52E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181140.00	5.30E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181160.00	5.09E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181180.00	4.88E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181200.00	4.68E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181240.00	4.31E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181260.00	4.14E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181280.00	3.97E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181300.00	3.82E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181320.00	3.67E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181340.00	3.53E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181380.00	3.26E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181400.00	3.13E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181440.00	2.89E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181460.00	2.78E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181480.00	2.67E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181500.00	2.57E-01	1.8	SRCGP5	OFF_SITE
553520.00	4181520.00	2.47E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180520.00	2.83E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180540.00	3.00E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180560.00	3.17E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180580.00	3.36E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180600.00	3.56E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180620.00	3.77E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180640.00	4.00E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180660.00	4.25E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180700.00	4.78E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180720.00	5.07E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180740.00	5.36E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180760.00	5.66E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180780.00	5.96E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180820.00	6.52E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180840.00	6.77E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180860.00	6.98E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180880.00	7.15E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180900.00	7.28E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180940.00	7.38E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180960.00	7.36E-01	1.8	SRCGP5	OFF_SITE
553540.00	4180980.00	7.29E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181100.00	6.20E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181120.00	5.96E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181140.00	5.72E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181160.00	5.48E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181180.00	5.24E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181200.00	5.02E-01	1.8	SRCGP5	OFF_SITE

553540.00	4181220.00	4.80E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181260.00	4.41E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181280.00	4.22E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181300.00	4.05E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181320.00	3.88E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181340.00	3.72E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181360.00	3.57E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181420.00	3.15E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181440.00	3.02E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181460.00	2.90E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181480.00	2.78E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181500.00	2.67E-01	1.8	SRCGP5	OFF_SITE
553540.00	4181520.00	2.56E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180520.00	2.86E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180540.00	3.03E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180560.00	3.21E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180580.00	3.40E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180600.00	3.61E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180620.00	3.84E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180640.00	4.08E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180660.00	4.34E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180700.00	4.91E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180720.00	5.22E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180740.00	5.54E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180760.00	5.88E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180780.00	6.21E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180800.00	6.54E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180840.00	7.16E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180860.00	7.42E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180880.00	7.64E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180900.00	7.81E-01	1.8	SRCGP5	OFF_SITE
553560.00	4180920.00	7.92E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181000.00	7.81E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181020.00	7.65E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181120.00	6.46E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181140.00	6.19E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181160.00	5.92E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181180.00	5.65E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181200.00	5.40E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181220.00	5.15E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181240.00	4.92E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181280.00	4.50E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181300.00	4.30E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181320.00	4.12E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181340.00	3.94E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181420.00	3.30E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181440.00	3.16E-01	1.8	SRCGP5	OFF_SITE

553560.00	4181460.00	3.02E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181480.00	2.90E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181500.00	2.77E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181520.00	2.66E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180520.00	2.89E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180540.00	3.06E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180560.00	3.24E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180580.00	3.45E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180600.00	3.66E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180620.00	3.90E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180640.00	4.15E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180660.00	4.43E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180700.00	5.04E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180720.00	5.37E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180740.00	5.73E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180760.00	6.09E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180780.00	6.47E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180800.00	6.85E-01	1.8	SRCGP5	OFF_SITE
553580.00	4180820.00	7.22E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181000.00	8.52E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181020.00	8.36E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181040.00	8.16E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181140.00	6.72E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181160.00	6.41E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181180.00	6.11E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181200.00	5.82E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181220.00	5.54E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181240.00	5.28E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181260.00	5.04E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181300.00	4.58E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181320.00	4.37E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181440.00	3.30E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181460.00	3.16E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181480.00	3.02E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181500.00	2.88E-01	1.8	SRCGP5	OFF_SITE
553580.00	4181520.00	2.76E-01	1.8	SRCGP5	OFF_SITE
553600.00	4180800.00	7.16E-01	1.8	SRCGP5	OFF_SITE
553600.00	4180820.00	7.59E-01	1.8	SRCGP5	OFF_SITE
553600.00	4180840.00	8.00E-01	1.8	SRCGP5	OFF_SITE
553600.00	4180860.00	8.39E-01	1.8	SRCGP5	OFF_SITE
553600.00	4180900.00	9.03E-01	1.8	SRCGP5	OFF_SITE
553600.00	4180920.00	9.25E-01	1.8	SRCGP5	OFF_SITE
553600.00	4180940.00	9.39E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181000.00	9.34E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181020.00	9.18E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181040.00	8.96E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181060.00	8.69E-01	1.8	SRCGP5	OFF_SITE

553600.00	4181160.00	6.98E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181180.00	6.63E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181200.00	6.30E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181220.00	5.98E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181240.00	5.68E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181260.00	5.40E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181280.00	5.14E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181460.00	3.29E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181480.00	3.14E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181500.00	2.99E-01	1.8	SRCGP5	OFF_SITE
553600.00	4181520.00	2.86E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180520.00	2.93E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180540.00	3.12E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180560.00	3.31E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180600.00	3.76E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180620.00	4.02E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180640.00	4.29E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180660.00	4.60E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180700.00	5.29E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180720.00	5.67E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180740.00	6.09E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180760.00	6.53E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180780.00	7.00E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180800.00	7.48E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180820.00	7.97E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180840.00	8.46E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180860.00	8.92E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180900.00	9.72E-01	1.8	SRCGP5	OFF_SITE
553620.00	4180920.00	1.00E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180940.00	1.02E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181000.00	1.03E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181020.00	1.01E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181040.00	9.89E-01	1.8	SRCGP5	OFF_SITE
553620.00	4181060.00	9.59E-01	1.8	SRCGP5	OFF_SITE
553620.00	4181080.00	9.24E-01	1.8	SRCGP5	OFF_SITE
553620.00	4181180.00	7.23E-01	1.8	SRCGP5	OFF_SITE
553620.00	4181200.00	6.84E-01	1.8	SRCGP5	OFF_SITE
553620.00	4181220.00	6.48E-01	1.8	SRCGP5	OFF_SITE
553620.00	4181240.00	6.13E-01	1.8	SRCGP5	OFF_SITE
553620.00	4181260.00	5.81E-01	1.8	SRCGP5	OFF_SITE
553620.00	4181280.00	5.51E-01	1.8	SRCGP5	OFF_SITE
553620.00	4181480.00	3.27E-01	1.8	SRCGP5	OFF_SITE
553620.00	4181500.00	3.11E-01	1.8	SRCGP5	OFF_SITE
553620.00	4181520.00	2.96E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180520.00	2.95E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180540.00	3.14E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180560.00	3.34E-01	1.8	SRCGP5	OFF_SITE

553640.00	4180600.00	3.80E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180620.00	4.07E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180640.00	4.36E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180660.00	4.68E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180700.00	5.41E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180720.00	5.82E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180740.00	6.27E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180760.00	6.75E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180780.00	7.26E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180800.00	7.81E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180820.00	8.37E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180840.00	8.93E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180860.00	9.49E-01	1.8	SRCGP5	OFF_SITE
553640.00	4180900.00	1.05E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180920.00	1.09E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180940.00	1.12E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181000.00	1.14E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181020.00	1.12E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181040.00	1.10E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181060.00	1.06E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181080.00	1.03E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181100.00	9.81E-01	1.8	SRCGP5	OFF_SITE
553640.00	4181200.00	7.46E-01	1.8	SRCGP5	OFF_SITE
553640.00	4181220.00	7.04E-01	1.8	SRCGP5	OFF_SITE
553640.00	4181240.00	6.64E-01	1.8	SRCGP5	OFF_SITE
553640.00	4181260.00	6.26E-01	1.8	SRCGP5	OFF_SITE
553640.00	4181500.00	3.22E-01	1.8	SRCGP5	OFF_SITE
553640.00	4181520.00	3.06E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180520.00	2.97E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180540.00	3.16E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180560.00	3.37E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180600.00	3.84E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180620.00	4.12E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180640.00	4.42E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180660.00	4.75E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180700.00	5.52E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180720.00	5.96E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180740.00	6.44E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180760.00	6.97E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180780.00	7.53E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180800.00	8.13E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180820.00	8.77E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180840.00	9.42E-01	1.8	SRCGP5	OFF_SITE
553660.00	4180860.00	1.01E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180900.00	1.13E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180920.00	1.18E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180940.00	1.22E+00	1.8	SRCGP5	OFF_SITE

553660.00	4181000.00	1.27E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181020.00	1.25E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181040.00	1.23E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181060.00	1.19E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181080.00	1.14E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181100.00	1.09E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181120.00	1.04E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181220.00	7.67E-01	1.8	SRCGP5	OFF_SITE
553660.00	4181240.00	7.20E-01	1.8	SRCGP5	OFF_SITE
553660.00	4181520.00	3.16E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180520.00	2.99E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180540.00	3.18E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180560.00	3.39E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180600.00	3.88E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180620.00	4.16E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180640.00	4.47E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180660.00	4.82E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180700.00	5.63E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180720.00	6.09E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180740.00	6.61E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180760.00	7.18E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180780.00	7.79E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180800.00	8.46E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180820.00	9.18E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180840.00	9.93E-01	1.8	SRCGP5	OFF_SITE
553680.00	4180860.00	1.07E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180900.00	1.22E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180920.00	1.29E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180940.00	1.34E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181000.00	1.42E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181020.00	1.40E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181040.00	1.38E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181060.00	1.34E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181080.00	1.29E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181100.00	1.23E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181120.00	1.16E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181140.00	1.09E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180520.00	3.00E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180540.00	3.19E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180560.00	3.41E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180600.00	3.91E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180620.00	4.20E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180640.00	4.52E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180660.00	4.88E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180700.00	5.73E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180720.00	6.22E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180740.00	6.77E-01	1.8	SRCGP5	OFF_SITE

553700.00	4180760.00	7.38E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180780.00	8.05E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180800.00	8.79E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180820.00	9.59E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180840.00	1.04E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180860.00	1.13E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180900.00	1.32E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180920.00	1.40E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180940.00	1.47E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181000.00	1.59E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181020.00	1.59E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181040.00	1.56E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181060.00	1.52E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181080.00	1.46E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181100.00	1.39E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181120.00	1.31E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181140.00	1.23E+00	1.8	SRCGP5	OFF_SITE
553720.00	4180520.00	3.00E-01	1.8	SRCGP5	OFF_SITE
553720.00	4180540.00	3.20E-01	1.8	SRCGP5	OFF_SITE
553720.00	4180560.00	3.42E-01	1.8	SRCGP5	OFF_SITE
553720.00	4180600.00	3.93E-01	1.8	SRCGP5	OFF_SITE
553720.00	4180620.00	4.23E-01	1.8	SRCGP5	OFF_SITE
553720.00	4180640.00	4.57E-01	1.8	SRCGP5	OFF_SITE
553720.00	4180660.00	4.94E-01	1.8	SRCGP5	OFF_SITE
553740.00	4180520.00	3.00E-01	1.8	SRCGP5	OFF_SITE
553740.00	4180540.00	3.20E-01	1.8	SRCGP5	OFF_SITE
553740.00	4180560.00	3.43E-01	1.8	SRCGP5	OFF_SITE
553760.00	4180620.00	4.27E-01	1.8	SRCGP5	OFF_SITE
553760.00	4180640.00	4.62E-01	1.8	SRCGP5	OFF_SITE
553760.00	4180660.00	5.02E-01	1.8	SRCGP5	OFF_SITE
553760.00	4180680.00	5.46E-01	1.8	SRCGP5	OFF_SITE
553760.00	4180720.00	6.53E-01	1.8	SRCGP5	OFF_SITE
553760.00	4180740.00	7.18E-01	1.8	SRCGP5	OFF_SITE
553760.00	4180760.00	7.91E-01	1.8	SRCGP5	OFF_SITE
553760.00	4180780.00	8.74E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180520.00	2.99E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180540.00	3.20E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180560.00	3.42E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180580.00	3.68E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180600.00	3.96E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180620.00	4.28E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180640.00	4.64E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180660.00	5.04E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180680.00	5.50E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180720.00	6.60E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180740.00	7.28E-01	1.8	SRCGP5	OFF_SITE
553780.00	4180760.00	8.05E-01	1.8	SRCGP5	OFF_SITE



553780.00	4180780.00	8.93E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180520.00	2.97E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180540.00	3.18E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180560.00	3.41E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180580.00	3.67E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180600.00	3.96E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180620.00	4.28E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180640.00	4.64E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180660.00	5.05E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180680.00	5.52E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180720.00	6.66E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180740.00	7.35E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180760.00	8.16E-01	1.8	SRCGP5	OFF_SITE
553800.00	4180780.00	9.09E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180520.00	2.95E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180540.00	3.16E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180560.00	3.39E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180580.00	3.65E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180620.00	4.26E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180640.00	4.63E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180660.00	5.05E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180680.00	5.52E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180720.00	6.69E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180740.00	7.41E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180760.00	8.24E-01	1.8	SRCGP5	OFF_SITE
553820.00	4180780.00	9.22E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180520.00	2.93E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180540.00	3.13E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180560.00	3.37E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180580.00	3.62E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180620.00	4.24E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180640.00	4.61E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180660.00	5.03E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180680.00	5.51E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180720.00	6.69E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180740.00	7.43E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180760.00	8.29E-01	1.8	SRCGP5	OFF_SITE
553840.00	4180780.00	9.30E-01	1.8	SRCGP5	OFF_SITE
553860.00	4180520.00	2.89E-01	1.8	SRCGP5	OFF_SITE
553860.00	4180540.00	3.10E-01	1.8	SRCGP5	OFF_SITE
553860.00	4180560.00	3.33E-01	1.8	SRCGP5	OFF_SITE
553860.00	4180580.00	3.59E-01	1.8	SRCGP5	OFF_SITE
553860.00	4180620.00	4.20E-01	1.8	SRCGP5	OFF_SITE
553860.00	4180640.00	4.57E-01	1.8	SRCGP5	OFF_SITE
553860.00	4180660.00	4.99E-01	1.8	SRCGP5	OFF_SITE
553860.00	4180680.00	5.47E-01	1.8	SRCGP5	OFF_SITE
553860.00	4180720.00	6.67E-01	1.8	SRCGP5	OFF_SITE

553860.00	4180740.00	7.42E-01	1.8	SRCGP5	OFF_SITE
553860.00	4180760.00	8.30E-01	1.8	SRCGP5	OFF_SITE
553860.00	4180780.00	9.34E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180520.00	2.85E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180540.00	3.06E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180560.00	3.29E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180580.00	3.54E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180620.00	4.15E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180640.00	4.52E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180660.00	4.94E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180680.00	5.42E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180720.00	6.63E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180740.00	7.38E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180760.00	8.27E-01	1.8	SRCGP5	OFF_SITE
553880.00	4180780.00	9.33E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180520.00	2.81E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180540.00	3.01E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180560.00	3.24E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180580.00	3.49E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180620.00	4.09E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180640.00	4.46E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180660.00	4.87E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180680.00	5.35E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180720.00	6.55E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180740.00	7.31E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180760.00	8.20E-01	1.8	SRCGP5	OFF_SITE
553900.00	4180780.00	9.27E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180520.00	2.76E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180540.00	2.96E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180560.00	3.18E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180580.00	3.43E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180620.00	4.02E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180640.00	4.38E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180660.00	4.79E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180680.00	5.26E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180720.00	6.45E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180740.00	7.20E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180760.00	8.09E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180780.00	9.16E-01	1.8	SRCGP5	OFF_SITE
553940.00	4180520.00	2.70E-01	1.8	SRCGP5	OFF_SITE
553940.00	4180540.00	2.90E-01	1.8	SRCGP5	OFF_SITE
553940.00	4180560.00	3.11E-01	1.8	SRCGP5	OFF_SITE
553940.00	4180580.00	3.36E-01	1.8	SRCGP5	OFF_SITE
553940.00	4180620.00	3.94E-01	1.8	SRCGP5	OFF_SITE
553940.00	4180640.00	4.29E-01	1.8	SRCGP5	OFF_SITE
553940.00	4180660.00	4.69E-01	1.8	SRCGP5	OFF_SITE
553940.00	4180680.00	5.16E-01	1.8	SRCGP5	OFF_SITE

553940.00	4180720.00	6.32E-01	1.8	SRCGP5	OFF_SITE
553940.00	4180740.00	7.06E-01	1.8	SRCGP5	OFF_SITE
553940.00	4180760.00	7.94E-01	1.8	SRCGP5	OFF_SITE
553940.00	4180780.00	8.99E-01	1.8	SRCGP5	OFF_SITE
553960.00	4180520.00	2.64E-01	1.8	SRCGP5	OFF_SITE
553960.00	4180540.00	2.83E-01	1.8	SRCGP5	OFF_SITE
553960.00	4180560.00	3.04E-01	1.8	SRCGP5	OFF_SITE
553960.00	4180580.00	3.28E-01	1.8	SRCGP5	OFF_SITE
553960.00	4180620.00	3.85E-01	1.8	SRCGP5	OFF_SITE
553960.00	4180640.00	4.19E-01	1.8	SRCGP5	OFF_SITE
553960.00	4180660.00	4.58E-01	1.8	SRCGP5	OFF_SITE
553960.00	4180680.00	5.04E-01	1.8	SRCGP5	OFF_SITE
553960.00	4180720.00	6.17E-01	1.8	SRCGP5	OFF_SITE
553960.00	4180740.00	6.89E-01	1.8	SRCGP5	OFF_SITE
553960.00	4180760.00	7.75E-01	1.8	SRCGP5	OFF_SITE
553980.00	4180520.00	2.58E-01	1.8	SRCGP5	OFF_SITE
553980.00	4180540.00	2.76E-01	1.8	SRCGP5	OFF_SITE
553980.00	4180560.00	2.97E-01	1.8	SRCGP5	OFF_SITE
553980.00	4180580.00	3.20E-01	1.8	SRCGP5	OFF_SITE
553980.00	4180620.00	3.75E-01	1.8	SRCGP5	OFF_SITE
553980.00	4180640.00	4.08E-01	1.8	SRCGP5	OFF_SITE
553980.00	4180660.00	4.46E-01	1.8	SRCGP5	OFF_SITE
553980.00	4180680.00	4.90E-01	1.8	SRCGP5	OFF_SITE
553560.00	4181180.00	5.65E-01	1.8	SRCGP5	OFF_SITE
553920.00	4180660.00	4.79E-01	1.8	SRCGP5	OFF_SITE
553700.00	4180920.00	1.40E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180920.00	7.92E-01	1.8	SRCGP5	OFF_SITE
553680.00	4181060.00	1.34E+00	1.8	SRCGP5	OFF_SITE
553760.00	4181080.00	2.25E+00	1.8	SRCGP5	R_A1_BA
553780.00	4181080.00	2.67E+00	1.8	SRCGP5	R_A1_BA
553760.00	4181100.00	2.13E+00	1.8	SRCGP5	R_A1_BA
553780.00	4181100.00	2.52E+00	1.8	SRCGP5	R_A1_BA
553760.00	4181120.00	1.98E+00	1.8	SRCGP5	R_A1_BA
553780.00	4181120.00	2.33E+00	1.8	SRCGP5	R_A1_BA
553760.00	4181140.00	1.83E+00	1.8	SRCGP5	R_A1_BA
553780.00	4181140.00	2.13E+00	1.8	SRCGP5	R_A1_BA
553760.00	4181000.00	2.35E+00	1.8	SRCGP5	R_A1_BB
553780.00	4181000.00	2.71E+00	1.8	SRCGP5	R_A1_BB
553760.00	4181020.00	2.39E+00	1.8	SRCGP5	R_A1_BB
553780.00	4181020.00	2.80E+00	1.8	SRCGP5	R_A1_BB
553760.00	4181040.00	2.39E+00	1.8	SRCGP5	R_A1_BB
553780.00	4181040.00	2.82E+00	1.8	SRCGP5	R_A1_BB
553780.00	4181060.00	2.78E+00	1.8	SRCGP5	R_A1_BB
553760.00	4180900.00	1.64E+00	1.8	SRCGP5	R_A1_BC
553780.00	4180900.00	1.76E+00	1.8	SRCGP5	R_A1_BC
553760.00	4180920.00	1.81E+00	1.8	SRCGP5	R_A1_BC
553780.00	4180920.00	1.96E+00	1.8	SRCGP5	R_A1_BC

553760.00	4180940.00	1.97E+00	1.8	SRCGP5	R_A1_BC
553780.00	4180940.00	2.17E+00	1.8	SRCGP5	R_A1_BC
553760.00	4180960.00	2.12E+00	1.8	SRCGP5	R_A1_BC
553780.00	4180960.00	2.38E+00	1.8	SRCGP5	R_A1_BC
553760.00	4180820.00	1.08E+00	1.8	SRCGP5	R_A1_BD1
553780.00	4180820.00	1.11E+00	1.8	SRCGP5	R_A1_BD1
553760.00	4180840.00	1.20E+00	1.8	SRCGP5	R_A1_BD1
553780.00	4180840.00	1.25E+00	1.8	SRCGP5	R_A1_BD1
553760.00	4180860.00	1.33E+00	1.8	SRCGP5	R_A1_BD1
553780.00	4180860.00	1.40E+00	1.8	SRCGP5	R_A1_BD1
553760.00	4180880.00	1.48E+00	1.8	SRCGP5	R_A1_BD1
553800.00	4180820.00	1.14E+00	1.8	SRCGP5	R_A1_BD2
553820.00	4180820.00	1.17E+00	1.8	SRCGP5	R_A1_BD2
553840.00	4180820.00	1.19E+00	1.8	SRCGP5	R_A1_BD2
553860.00	4180820.00	1.21E+00	1.8	SRCGP5	R_A1_BD2
553880.00	4180820.00	1.21E+00	1.8	SRCGP5	R_A1_BD2
553800.00	4180840.00	1.29E+00	1.8	SRCGP5	R_A1_BD2
553820.00	4180840.00	1.33E+00	1.8	SRCGP5	R_A1_BD2
553840.00	4180840.00	1.36E+00	1.8	SRCGP5	R_A1_BD2
553860.00	4180840.00	1.39E+00	1.8	SRCGP5	R_A1_BD2
553880.00	4180840.00	1.40E+00	1.8	SRCGP5	R_A1_BD2
553800.00	4180860.00	1.46E+00	1.8	SRCGP5	R_A1_BD2
553820.00	4180860.00	1.52E+00	1.8	SRCGP5	R_A1_BD2
553840.00	4180860.00	1.57E+00	1.8	SRCGP5	R_A1_BD2
553860.00	4180860.00	1.60E+00	1.8	SRCGP5	R_A1_BD2
553880.00	4180860.00	1.63E+00	1.8	SRCGP5	R_A1_BD2
553780.00	4180880.00	1.57E+00	1.8	SRCGP5	R_A1_BD2
553800.00	4180880.00	1.65E+00	1.8	SRCGP5	R_A1_BD2
553820.00	4180880.00	1.74E+00	1.8	SRCGP5	R_A1_BD2
553840.00	4180880.00	1.81E+00	1.8	SRCGP5	R_A1_BD2
553860.00	4180880.00	1.87E+00	1.8	SRCGP5	R_A1_BD2
553820.00	4181100.00	3.72E+00	1.8	SRCGP5	R_A2_BG
553840.00	4181100.00	4.69E+00	1.8	SRCGP5	R_A2_BG
553860.00	4181100.00	6.10E+00	1.8	SRCGP5	R_A2_BG
553820.00	4181120.00	3.39E+00	1.8	SRCGP5	R_A2_BG
553840.00	4181120.00	4.23E+00	1.8	SRCGP5	R_A2_BG
553860.00	4181120.00	5.45E+00	1.8	SRCGP5	R_A2_BG
553900.00	4181100.00	1.18E+01	1.8	SRCGP5	R_A2_BK
553920.00	4181100.00	1.80E+01	1.8	SRCGP5	R_A2_BK
553900.00	4181120.00	1.05E+01	1.8	SRCGP5	R_A2_BK
553920.00	4181120.00	1.63E+01	1.8	SRCGP5	R_A2_BK
553860.00	4181140.00	4.68E+00	1.8	SRCGP5	R_A2_PK
553880.00	4181140.00	6.11E+00	1.8	SRCGP5	R_A2_PK
553900.00	4181140.00	8.44E+00	1.8	SRCGP5	R_A2_PK
553920.00	4181140.00	1.27E+01	1.8	SRCGP5	R_A2_PK
553800.00	4181160.00	2.25E+00	1.8	SRCGP5	R_A2_PK
553820.00	4181160.00	2.66E+00	1.8	SRCGP5	R_A2_PK

553840.00	4181160.00	3.19E+00	1.8	SRCGP5	R_A2_PK
553860.00	4181160.00	3.91E+00	1.8	SRCGP5	R_A2_PK
553880.00	4181160.00	4.89E+00	1.8	SRCGP5	R_A2_PK
553900.00	4181160.00	6.30E+00	1.8	SRCGP5	R_A2_PK
553920.00	4181160.00	8.39E+00	1.8	SRCGP5	R_A2_PK
553740.00	4181180.00	1.34E+00	1.8	SRCGP5	R_A2_PK
553760.00	4181180.00	1.52E+00	1.8	SRCGP5	R_A2_PK
553780.00	4181180.00	1.73E+00	1.8	SRCGP5	R_A2_PK
553800.00	4181180.00	1.99E+00	1.8	SRCGP5	R_A2_PK
553820.00	4181180.00	2.32E+00	1.8	SRCGP5	R_A2_PK
553840.00	4181180.00	2.72E+00	1.8	SRCGP5	R_A2_PK
553860.00	4181180.00	3.23E+00	1.8	SRCGP5	R_A2_PK
553880.00	4181180.00	3.87E+00	1.8	SRCGP5	R_A2_PK
553900.00	4181180.00	4.70E+00	1.8	SRCGP5	R_A2_PK
553920.00	4181180.00	5.72E+00	1.8	SRCGP5	R_A2_PK
553740.00	4181200.00	1.23E+00	1.8	SRCGP5	R_A2_PK
553760.00	4181200.00	1.38E+00	1.8	SRCGP5	R_A2_PK
553780.00	4181200.00	1.55E+00	1.8	SRCGP5	R_A2_PK
553800.00	4181200.00	1.77E+00	1.8	SRCGP5	R_A2_PK
553820.00	4181200.00	2.02E+00	1.8	SRCGP5	R_A2_PK
553840.00	4181200.00	2.32E+00	1.8	SRCGP5	R_A2_PK
553860.00	4181200.00	2.68E+00	1.8	SRCGP5	R_A2_PK
553880.00	4181200.00	3.11E+00	1.8	SRCGP5	R_A2_PK
553900.00	4181200.00	3.62E+00	1.8	SRCGP5	R_A2_PK
553920.00	4181200.00	4.20E+00	1.8	SRCGP5	R_A2_PK
553840.00	4180920.00	2.45E+00	1.8	SRCGP5	R_A3_BE
553860.00	4180920.00	2.60E+00	1.8	SRCGP5	R_A3_BE
553820.00	4180940.00	2.62E+00	1.8	SRCGP5	R_A3_BE
553840.00	4180940.00	2.86E+00	1.8	SRCGP5	R_A3_BE
553860.00	4180940.00	3.10E+00	1.8	SRCGP5	R_A3_BE
553820.00	4181040.00	4.08E+00	1.8	SRCGP5	R_A3_BF
553840.00	4181040.00	5.02E+00	1.8	SRCGP5	R_A3_BF
553860.00	4181040.00	6.31E+00	1.8	SRCGP5	R_A3_BF
553820.00	4181060.00	4.09E+00	1.8	SRCGP5	R_A3_BF
553840.00	4181060.00	5.11E+00	1.8	SRCGP5	R_A3_BF
553860.00	4181060.00	6.56E+00	1.8	SRCGP5	R_A3_BF
553800.00	4180960.00	2.66E+00	1.8	SRCGP5	R_A3_SQ
553820.00	4180960.00	2.98E+00	1.8	SRCGP5	R_A3_SQ
553840.00	4180960.00	3.33E+00	1.8	SRCGP5	R_A3_SQ
553860.00	4180960.00	3.69E+00	1.8	SRCGP5	R_A3_SQ
553800.00	4180980.00	2.92E+00	1.8	SRCGP5	R_A3_SQ
553820.00	4180980.00	3.35E+00	1.8	SRCGP5	R_A3_SQ
553840.00	4180980.00	3.83E+00	1.8	SRCGP5	R_A3_SQ
553860.00	4180980.00	4.38E+00	1.8	SRCGP5	R_A3_SQ
553800.00	4181000.00	3.14E+00	1.8	SRCGP5	R_A3_SQ
553820.00	4181000.00	3.67E+00	1.8	SRCGP5	R_A3_SQ
553840.00	4181000.00	4.33E+00	1.8	SRCGP5	R_A3_SQ

553860.00	4181000.00	5.12E+00	1.8	SRCGP5	R_A3_SQ
553800.00	4181020.00	3.30E+00	1.8	SRCGP5	R_A3_SQ
553820.00	4181020.00	3.93E+00	1.8	SRCGP5	R_A3_SQ
553840.00	4181020.00	4.74E+00	1.8	SRCGP5	R_A3_SQ
553860.00	4181020.00	5.80E+00	1.8	SRCGP5	R_A3_SQ
553900.00	4180920.00	2.84E+00	1.8	SRCGP5	R_A4_BI
553920.00	4180920.00	2.90E+00	1.8	SRCGP5	R_A4_BI
553900.00	4180940.00	3.50E+00	1.8	SRCGP5	R_A4_BI
553920.00	4180940.00	3.62E+00	1.8	SRCGP5	R_A4_BI
553900.00	4180960.00	4.38E+00	1.8	SRCGP5	R_A4_BI
553920.00	4180960.00	4.63E+00	1.8	SRCGP5	R_A4_BI
553900.00	4181000.00	7.18E+00	1.8	SRCGP5	R_A4_BJ
553920.00	4181000.00	8.31E+00	1.8	SRCGP5	R_A4_BJ
553900.00	4181020.00	9.11E+00	1.8	SRCGP5	R_A4_BJ
553920.00	4181020.00	1.16E+01	1.8	SRCGP5	R_A4_BJ
553900.00	4181040.00	1.09E+01	1.8	SRCGP5	R_A4_BJ
553920.00	4181040.00	1.53E+01	1.8	SRCGP5	R_A4_BJ
553900.00	4181060.00	1.20E+01	1.8	SRCGP5	R_A4_BJ
553920.00	4181060.00	1.75E+01	1.8	SRCGP5	R_A4_BJ
553900.00	4181000.00	7.18E+00	1.8	SRCGP5	R_A4_BJ
553920.00	4181000.00	8.31E+00	1.8	SRCGP5	R_A4_BJ
553900.00	4180980.00	5.58E+00	1.8	SRCGP5	R_A4_CL
553920.00	4180980.00	6.10E+00	1.8	SRCGP5	R_A4_CL
553940.00	4180980.00	6.44E+00	1.8	SRCGP5	R_A4_CL
553880.00	4181000.00	6.07E+00	1.8	SRCGP5	R_A4_CL
553940.00	4181000.00	9.14E+00	1.8	SRCGP5	R_A4_CL
553940.00	4181080.00	2.84E+01	1.8	SRCGP5	R_A4_CL
553880.00	4180980.00	4.98E+00	1.8	SRCGP5	R_A4_CL
553600.00	4181380.00	4.00E-01	1.8	SRCGP5	R_ATT
553600.00	4181400.00	3.81E-01	1.8	SRCGP5	R_ATT
553620.00	4181340.00	4.69E-01	1.8	SRCGP5	R_ATT
553620.00	4181360.00	4.45E-01	1.8	SRCGP5	R_ATT
553620.00	4181380.00	4.22E-01	1.8	SRCGP5	R_ATT
553620.00	4181400.00	4.01E-01	1.8	SRCGP5	R_ATT
553620.00	4181420.00	3.81E-01	1.8	SRCGP5	R_ATT
553640.00	4181340.00	4.98E-01	1.8	SRCGP5	R_ATT
553640.00	4181320.00	5.28E-01	1.8	SRCGP5	R_ATT
553640.00	4181360.00	4.71E-01	1.8	SRCGP5	R_ATT
553640.00	4181380.00	4.46E-01	1.8	SRCGP5	R_ATT
553640.00	4181400.00	4.22E-01	1.8	SRCGP5	R_ATT
553640.00	4181420.00	3.99E-01	1.8	SRCGP5	R_ATT
553640.00	4181440.00	3.78E-01	1.8	SRCGP5	R_ATT
553660.00	4181320.00	5.63E-01	1.8	SRCGP5	R_ATT
553660.00	4181340.00	5.30E-01	1.8	SRCGP5	R_ATT
553660.00	4181360.00	4.99E-01	1.8	SRCGP5	R_ATT
553660.00	4181380.00	4.70E-01	1.8	SRCGP5	R_ATT
553660.00	4181400.00	4.44E-01	1.8	SRCGP5	R_ATT

553660.00	4181420.00	4.19E-01	1.8	SRCGP5	R_ATT
553660.00	4181440.00	3.95E-01	1.8	SRCGP5	R_ATT
553660.00	4181460.00	3.74E-01	1.8	SRCGP5	R_ATT
553680.00	4181360.00	5.29E-01	1.8	SRCGP5	R_ATT
553680.00	4181380.00	4.97E-01	1.8	SRCGP5	R_ATT
553680.00	4181400.00	4.67E-01	1.8	SRCGP5	R_ATT
553680.00	4181420.00	4.39E-01	1.8	SRCGP5	R_ATT
553680.00	4181440.00	4.13E-01	1.8	SRCGP5	R_ATT
553680.00	4181460.00	3.89E-01	1.8	SRCGP5	R_ATT
553680.00	4181480.00	3.67E-01	1.8	SRCGP5	R_ATT
553680.00	4181340.00	5.64E-01	1.8	SRCGP5	R_ATT
553680.00	4181320.00	6.02E-01	1.8	SRCGP5	R_ATT
553700.00	4181360.00	5.61E-01	1.8	SRCGP5	R_ATT
553700.00	4181380.00	5.25E-01	1.8	SRCGP5	R_ATT
553700.00	4181400.00	4.91E-01	1.8	SRCGP5	R_ATT
553700.00	4181420.00	4.60E-01	1.8	SRCGP5	R_ATT
553700.00	4181440.00	4.31E-01	1.8	SRCGP5	R_ATT
553700.00	4181460.00	4.05E-01	1.8	SRCGP5	R_ATT
553700.00	4181480.00	3.81E-01	1.8	SRCGP5	R_ATT
553700.00	4181500.00	3.58E-01	1.8	SRCGP5	R_ATT
553700.00	4181340.00	6.01E-01	1.8	SRCGP5	R_ATT
553700.00	4181320.00	6.44E-01	1.8	SRCGP5	R_ATT
553720.00	4181360.00	5.95E-01	1.8	SRCGP5	R_ATT
553720.00	4181380.00	5.54E-01	1.8	SRCGP5	R_ATT
553720.00	4181400.00	5.16E-01	1.8	SRCGP5	R_ATT
553720.00	4181420.00	4.82E-01	1.8	SRCGP5	R_ATT
553720.00	4181440.00	4.50E-01	1.8	SRCGP5	R_ATT
553720.00	4181460.00	4.21E-01	1.8	SRCGP5	R_ATT
553720.00	4181480.00	3.94E-01	1.8	SRCGP5	R_ATT
553720.00	4181500.00	3.70E-01	1.8	SRCGP5	R_ATT
553720.00	4181520.00	3.47E-01	1.8	SRCGP5	R_ATT
553720.00	4181340.00	6.40E-01	1.8	SRCGP5	R_ATT
553720.00	4181320.00	6.89E-01	1.8	SRCGP5	R_ATT
553740.00	4181360.00	6.30E-01	1.8	SRCGP5	R_ATT
553740.00	4181380.00	5.84E-01	1.8	SRCGP5	R_ATT
553740.00	4181400.00	5.42E-01	1.8	SRCGP5	R_ATT
553740.00	4181420.00	5.04E-01	1.8	SRCGP5	R_ATT
553740.00	4181440.00	4.69E-01	1.8	SRCGP5	R_ATT
553740.00	4181460.00	4.37E-01	1.8	SRCGP5	R_ATT
553740.00	4181480.00	4.08E-01	1.8	SRCGP5	R_ATT
553740.00	4181500.00	3.81E-01	1.8	SRCGP5	R_ATT
553740.00	4181520.00	3.57E-01	1.8	SRCGP5	R_ATT
553740.00	4181340.00	6.81E-01	1.8	SRCGP5	R_ATT
553740.00	4181320.00	7.38E-01	1.8	SRCGP5	R_ATT
553760.00	4181360.00	6.67E-01	1.8	SRCGP5	R_ATT
553760.00	4181380.00	6.15E-01	1.8	SRCGP5	R_ATT
553760.00	4181400.00	5.68E-01	1.8	SRCGP5	R_ATT

553760.00	4181420.00	5.26E-01	1.8	SRCGP5	R_ATT
553760.00	4181440.00	4.87E-01	1.8	SRCGP5	R_ATT
553760.00	4181460.00	4.53E-01	1.8	SRCGP5	R_ATT
553760.00	4181480.00	4.21E-01	1.8	SRCGP5	R_ATT
553760.00	4181500.00	3.93E-01	1.8	SRCGP5	R_ATT
553760.00	4181520.00	3.66E-01	1.8	SRCGP5	R_ATT
553760.00	4181340.00	7.25E-01	1.8	SRCGP5	R_ATT
553760.00	4181320.00	7.90E-01	1.8	SRCGP5	R_ATT
553780.00	4181360.00	7.06E-01	1.8	SRCGP5	R_ATT
553780.00	4181380.00	6.47E-01	1.8	SRCGP5	R_ATT
553780.00	4181400.00	5.95E-01	1.8	SRCGP5	R_ATT
553780.00	4181420.00	5.48E-01	1.8	SRCGP5	R_ATT
553780.00	4181440.00	5.06E-01	1.8	SRCGP5	R_ATT
553780.00	4181460.00	4.68E-01	1.8	SRCGP5	R_ATT
553780.00	4181480.00	4.34E-01	1.8	SRCGP5	R_ATT
553780.00	4181500.00	4.03E-01	1.8	SRCGP5	R_ATT
553780.00	4181520.00	3.75E-01	1.8	SRCGP5	R_ATT
553780.00	4181340.00	7.72E-01	1.8	SRCGP5	R_ATT
553800.00	4181360.00	7.45E-01	1.8	SRCGP5	R_ATT
553800.00	4181380.00	6.79E-01	1.8	SRCGP5	R_ATT
553800.00	4181400.00	6.21E-01	1.8	SRCGP5	R_ATT
553800.00	4181420.00	5.70E-01	1.8	SRCGP5	R_ATT
553800.00	4181440.00	5.24E-01	1.8	SRCGP5	R_ATT
553800.00	4181460.00	4.83E-01	1.8	SRCGP5	R_ATT
553800.00	4181480.00	4.46E-01	1.8	SRCGP5	R_ATT
553800.00	4181500.00	4.13E-01	1.8	SRCGP5	R_ATT
553800.00	4181520.00	3.83E-01	1.8	SRCGP5	R_ATT
553820.00	4181360.00	7.85E-01	1.8	SRCGP5	R_ATT
553820.00	4181380.00	7.12E-01	1.8	SRCGP5	R_ATT
553820.00	4181400.00	6.47E-01	1.8	SRCGP5	R_ATT
553820.00	4181420.00	5.91E-01	1.8	SRCGP5	R_ATT
553820.00	4181440.00	5.41E-01	1.8	SRCGP5	R_ATT
553820.00	4181460.00	4.96E-01	1.8	SRCGP5	R_ATT
553820.00	4181480.00	4.57E-01	1.8	SRCGP5	R_ATT
553820.00	4181500.00	4.21E-01	1.8	SRCGP5	R_ATT
553820.00	4181520.00	3.90E-01	1.8	SRCGP5	R_ATT
553840.00	4181360.00	8.24E-01	1.8	SRCGP5	R_ATT
553840.00	4181380.00	7.43E-01	1.8	SRCGP5	R_ATT
553840.00	4181400.00	6.72E-01	1.8	SRCGP5	R_ATT
553840.00	4181420.00	6.10E-01	1.8	SRCGP5	R_ATT
553840.00	4181440.00	5.56E-01	1.8	SRCGP5	R_ATT
553840.00	4181460.00	5.08E-01	1.8	SRCGP5	R_ATT
553840.00	4181480.00	4.66E-01	1.8	SRCGP5	R_ATT
553840.00	4181500.00	4.29E-01	1.8	SRCGP5	R_ATT
553840.00	4181520.00	3.96E-01	1.8	SRCGP5	R_ATT
553920.00	4180820.00	1.20E+00	1.8	SRCGP5	R_B4_BH
553940.00	4180820.00	1.18E+00	1.8	SRCGP5	R_B4_BH



553920.00	4180840.00	1.40E+00	1.8	SRCGP5	R_B4_BH
553940.00	4180840.00	1.38E+00	1.8	SRCGP5	R_B4_BH
553900.00	4180860.00	1.64E+00	1.8	SRCGP5	R_B4_BH
553920.00	4180860.00	1.64E+00	1.8	SRCGP5	R_B4_BH
553940.00	4180860.00	1.63E+00	1.8	SRCGP5	R_B4_BH
553900.00	4180880.00	1.95E+00	1.8	SRCGP5	R_B4_BH
553920.00	4180880.00	1.96E+00	1.8	SRCGP5	R_B4_BH
553960.00	4181040.00	3.12E+01	1.8	SRCGP5	R_PIER48
553980.00	4181040.00	3.48E+01	1.8	SRCGP5	R_PIER48
554000.00	4181040.00	3.48E+01	1.8	SRCGP5	R_PIER48
553960.00	4181060.00	3.85E+01	1.8	SRCGP5	R_PIER48
553980.00	4181060.00	4.58E+01	1.8	SRCGP5	R_PIER48
554000.00	4181060.00	4.92E+01	1.8	SRCGP5	R_PIER48
554020.00	4181060.00	5.04E+01	1.8	SRCGP5	R_PIER48
554040.00	4181060.00	5.04E+01	1.8	SRCGP5	R_PIER48
554060.00	4181060.00	4.94E+01	1.8	SRCGP5	R_PIER48
554080.00	4181060.00	4.74E+01	1.8	SRCGP5	R_PIER48
554100.00	4181060.00	4.44E+01	1.8	SRCGP5	R_PIER48
554120.00	4181060.00	4.01E+01	1.8	SRCGP5	R_PIER48
554140.00	4181060.00	3.40E+01	1.8	SRCGP5	R_PIER48
554160.00	4181060.00	2.55E+01	1.8	SRCGP5	R_PIER48
553960.00	4181080.00	4.10E+01	1.8	SRCGP5	R_PIER48
553980.00	4181080.00	4.92E+01	1.8	SRCGP5	R_PIER48
554000.00	4181080.00	5.36E+01	1.8	SRCGP5	R_PIER48
554020.00	4181080.00	5.59E+01	1.8	SRCGP5	R_PIER48
554040.00	4181080.00	5.69E+01	1.8	SRCGP5	R_PIER48
554060.00	4181080.00	5.68E+01	1.8	SRCGP5	R_PIER48
554080.00	4181080.00	5.59E+01	1.8	SRCGP5	R_PIER48
554100.00	4181080.00	5.39E+01	1.8	SRCGP5	R_PIER48
554120.00	4181080.00	5.05E+01	1.8	SRCGP5	R_PIER48
554140.00	4181080.00	4.47E+01	1.8	SRCGP5	R_PIER48
554160.00	4181080.00	3.52E+01	1.8	SRCGP5	R_PIER48
553960.00	4181100.00	4.11E+01	1.8	SRCGP5	R_PIER48
553980.00	4181100.00	4.95E+01	1.8	SRCGP5	R_PIER48
554000.00	4181100.00	5.43E+01	1.8	SRCGP5	R_PIER48
554020.00	4181100.00	5.70E+01	1.8	SRCGP5	R_PIER48
554040.00	4181100.00	5.84E+01	1.8	SRCGP5	R_PIER48
554060.00	4181100.00	5.89E+01	1.8	SRCGP5	R_PIER48
554080.00	4181100.00	5.84E+01	1.8	SRCGP5	R_PIER48
554100.00	4181100.00	5.67E+01	1.8	SRCGP5	R_PIER48
554120.00	4181100.00	5.35E+01	1.8	SRCGP5	R_PIER48
554140.00	4181100.00	4.75E+01	1.8	SRCGP5	R_PIER48
554160.00	4181100.00	3.74E+01	1.8	SRCGP5	R_PIER48
553960.00	4181120.00	3.92E+01	1.8	SRCGP5	R_PIER48
553980.00	4181120.00	4.73E+01	1.8	SRCGP5	R_PIER48
554000.00	4181120.00	5.20E+01	1.8	SRCGP5	R_PIER48
554020.00	4181120.00	5.49E+01	1.8	SRCGP5	R_PIER48

554040.00	4181120.00	5.67E+01	1.8	SRCGP5	R_PIER48
554060.00	4181120.00	5.75E+01	1.8	SRCGP5	R_PIER48
554080.00	4181120.00	5.74E+01	1.8	SRCGP5	R_PIER48
554100.00	4181120.00	5.61E+01	1.8	SRCGP5	R_PIER48
554120.00	4181120.00	5.31E+01	1.8	SRCGP5	R_PIER48
554140.00	4181120.00	4.71E+01	1.8	SRCGP5	R_PIER48
553940.00	4181140.00	2.15E+01	1.8	SRCGP5	R_PIER48
553960.00	4181140.00	3.32E+01	1.8	SRCGP5	R_PIER48
553980.00	4181140.00	4.04E+01	1.8	SRCGP5	R_PIER48
554000.00	4181140.00	4.50E+01	1.8	SRCGP5	R_PIER48
554020.00	4181140.00	4.82E+01	1.8	SRCGP5	R_PIER48
554040.00	4181140.00	5.04E+01	1.8	SRCGP5	R_PIER48
554060.00	4181140.00	5.17E+01	1.8	SRCGP5	R_PIER48
554080.00	4181140.00	5.23E+01	1.8	SRCGP5	R_PIER48
554100.00	4181140.00	5.18E+01	1.8	SRCGP5	R_PIER48
554120.00	4181140.00	4.95E+01	1.8	SRCGP5	R_PIER48
554140.00	4181140.00	4.41E+01	1.8	SRCGP5	R_PIER48
554040.00	4181160.00	3.30E+01	1.8	SRCGP5	R_PIER48
554060.00	4181160.00	3.62E+01	1.8	SRCGP5	R_PIER48
554080.00	4181160.00	3.85E+01	1.8	SRCGP5	R_PIER48
554100.00	4181160.00	3.98E+01	1.8	SRCGP5	R_PIER48
554120.00	4181160.00	3.95E+01	1.8	SRCGP5	R_PIER48
554140.00	4181160.00	3.64E+01	1.8	SRCGP5	R_PIER48
553980.00	4180780.00	8.53E-01	1.8	SRCGP5	R_PIER50
553980.00	4180800.00	9.75E-01	1.8	SRCGP5	R_PIER50
553980.00	4180820.00	1.12E+00	1.8	SRCGP5	R_PIER50
553980.00	4180840.00	1.31E+00	1.8	SRCGP5	R_PIER50
553980.00	4180860.00	1.55E+00	1.8	SRCGP5	R_PIER50
553980.00	4180880.00	1.86E+00	1.8	SRCGP5	R_PIER50
553980.00	4180900.00	2.27E+00	1.8	SRCGP5	R_PIER50
553980.00	4180920.00	2.83E+00	1.8	SRCGP5	R_PIER50
553980.00	4180940.00	3.62E+00	1.8	SRCGP5	R_PIER50
553980.00	4180960.00	4.78E+00	1.8	SRCGP5	R_PIER50
554000.00	4180720.00	5.81E-01	1.8	SRCGP5	R_PIER50
554000.00	4180740.00	6.48E-01	1.8	SRCGP5	R_PIER50
554000.00	4180760.00	7.28E-01	1.8	SRCGP5	R_PIER50
554000.00	4180780.00	8.24E-01	1.8	SRCGP5	R_PIER50
554000.00	4180800.00	9.41E-01	1.8	SRCGP5	R_PIER50
554000.00	4180820.00	1.09E+00	1.8	SRCGP5	R_PIER50
554000.00	4180840.00	1.27E+00	1.8	SRCGP5	R_PIER50
554000.00	4180860.00	1.50E+00	1.8	SRCGP5	R_PIER50
554000.00	4180880.00	1.79E+00	1.8	SRCGP5	R_PIER50
554000.00	4180900.00	2.19E+00	1.8	SRCGP5	R_PIER50
554000.00	4180920.00	2.74E+00	1.8	SRCGP5	R_PIER50
554000.00	4180940.00	3.51E+00	1.8	SRCGP5	R_PIER50
554000.00	4180960.00	4.67E+00	1.8	SRCGP5	R_PIER50
554020.00	4180840.00	1.21E+00	1.8	SRCGP5	R_PIER50

554020.00	4180860.00	1.43E+00	1.8	SRCGP5	R_PIER50
554020.00	4180880.00	1.72E+00	1.8	SRCGP5	R_PIER50
554020.00	4180900.00	2.10E+00	1.8	SRCGP5	R_PIER50
554020.00	4180920.00	2.62E+00	1.8	SRCGP5	R_PIER50
554020.00	4180940.00	3.38E+00	1.8	SRCGP5	R_PIER50
554020.00	4180960.00	4.52E+00	1.8	SRCGP5	R_PIER50
554040.00	4180840.00	1.16E+00	1.8	SRCGP5	R_PIER50
554040.00	4180860.00	1.36E+00	1.8	SRCGP5	R_PIER50
554040.00	4180880.00	1.63E+00	1.8	SRCGP5	R_PIER50
554040.00	4180900.00	2.00E+00	1.8	SRCGP5	R_PIER50
554040.00	4180920.00	2.50E+00	1.8	SRCGP5	R_PIER50
554040.00	4180940.00	3.22E+00	1.8	SRCGP5	R_PIER50
554040.00	4180960.00	4.33E+00	1.8	SRCGP5	R_PIER50
554060.00	4180840.00	1.10E+00	1.8	SRCGP5	R_PIER50
554060.00	4180860.00	1.30E+00	1.8	SRCGP5	R_PIER50
554060.00	4180880.00	1.55E+00	1.8	SRCGP5	R_PIER50
554060.00	4180900.00	1.89E+00	1.8	SRCGP5	R_PIER50
554060.00	4180920.00	2.37E+00	1.8	SRCGP5	R_PIER50
554060.00	4180940.00	3.06E+00	1.8	SRCGP5	R_PIER50
554060.00	4180960.00	4.12E+00	1.8	SRCGP5	R_PIER50
554080.00	4180840.00	1.04E+00	1.8	SRCGP5	R_PIER50
554080.00	4180860.00	1.23E+00	1.8	SRCGP5	R_PIER50
554080.00	4180880.00	1.47E+00	1.8	SRCGP5	R_PIER50
554080.00	4180900.00	1.79E+00	1.8	SRCGP5	R_PIER50
554080.00	4180920.00	2.23E+00	1.8	SRCGP5	R_PIER50
554080.00	4180940.00	2.89E+00	1.8	SRCGP5	R_PIER50
554080.00	4180960.00	3.89E+00	1.8	SRCGP5	R_PIER50
554100.00	4180840.00	9.91E-01	1.8	SRCGP5	R_PIER50
554100.00	4180860.00	1.16E+00	1.8	SRCGP5	R_PIER50
554100.00	4180880.00	1.39E+00	1.8	SRCGP5	R_PIER50
554100.00	4180900.00	1.69E+00	1.8	SRCGP5	R_PIER50
554100.00	4180920.00	2.11E+00	1.8	SRCGP5	R_PIER50
554100.00	4180940.00	2.72E+00	1.8	SRCGP5	R_PIER50
554100.00	4180960.00	3.64E+00	1.8	SRCGP5	R_PIER50
554120.00	4180840.00	9.41E-01	1.8	SRCGP5	R_PIER50
554120.00	4180860.00	1.10E+00	1.8	SRCGP5	R_PIER50
554120.00	4180880.00	1.31E+00	1.8	SRCGP5	R_PIER50
554120.00	4180900.00	1.60E+00	1.8	SRCGP5	R_PIER50
554120.00	4180920.00	1.99E+00	1.8	SRCGP5	R_PIER50
554120.00	4180940.00	2.55E+00	1.8	SRCGP5	R_PIER50
554120.00	4180960.00	3.40E+00	1.8	SRCGP5	R_PIER50
554140.00	4180840.00	8.96E-01	1.8	SRCGP5	R_PIER50
554140.00	4180860.00	1.05E+00	1.8	SRCGP5	R_PIER50
554140.00	4180880.00	1.25E+00	1.8	SRCGP5	R_PIER50
554140.00	4180900.00	1.51E+00	1.8	SRCGP5	R_PIER50
554140.00	4180920.00	1.88E+00	1.8	SRCGP5	R_PIER50
554140.00	4180940.00	2.40E+00	1.8	SRCGP5	R_PIER50

554140.00	4180960.00	3.17E+00	1.8	SRCGP5	R_PIER50
554160.00	4180840.00	8.55E-01	1.8	SRCGP5	R_PIER50
554160.00	4180860.00	1.00E+00	1.8	SRCGP5	R_PIER50
554160.00	4180880.00	1.19E+00	1.8	SRCGP5	R_PIER50
554160.00	4180900.00	1.44E+00	1.8	SRCGP5	R_PIER50
554160.00	4180920.00	1.79E+00	1.8	SRCGP5	R_PIER50
554160.00	4180940.00	2.27E+00	1.8	SRCGP5	R_PIER50
554160.00	4180960.00	2.97E+00	1.8	SRCGP5	R_PIER50
554180.00	4180840.00	8.20E-01	1.8	SRCGP5	R_PIER50
554180.00	4180860.00	9.59E-01	1.8	SRCGP5	R_PIER50
554180.00	4180880.00	1.14E+00	1.8	SRCGP5	R_PIER50
554180.00	4180900.00	1.38E+00	1.8	SRCGP5	R_PIER50
554180.00	4180920.00	1.71E+00	1.8	SRCGP5	R_PIER50
554180.00	4180940.00	2.16E+00	1.8	SRCGP5	R_PIER50
554180.00	4180960.00	2.79E+00	1.8	SRCGP5	R_PIER50
554200.00	4180840.00	7.90E-01	1.8	SRCGP5	R_PIER50
554200.00	4180860.00	9.24E-01	1.8	SRCGP5	R_PIER50
554200.00	4180880.00	1.10E+00	1.8	SRCGP5	R_PIER50
554200.00	4180900.00	1.33E+00	1.8	SRCGP5	R_PIER50
554200.00	4180920.00	1.64E+00	1.8	SRCGP5	R_PIER50
554200.00	4180940.00	2.06E+00	1.8	SRCGP5	R_PIER50
554200.00	4180960.00	2.64E+00	1.8	SRCGP5	R_PIER50
554220.00	4180840.00	7.64E-01	1.8	SRCGP5	R_PIER50
554220.00	4180860.00	8.94E-01	1.8	SRCGP5	R_PIER50
554220.00	4180880.00	1.06E+00	1.8	SRCGP5	R_PIER50
554220.00	4180900.00	1.28E+00	1.8	SRCGP5	R_PIER50
554220.00	4180920.00	1.57E+00	1.8	SRCGP5	R_PIER50
554220.00	4180940.00	1.97E+00	1.8	SRCGP5	R_PIER50
554220.00	4180960.00	2.50E+00	1.8	SRCGP5	R_PIER50
554240.00	4180820.00	6.43E-01	1.8	SRCGP5	R_PIER50
554240.00	4180840.00	7.42E-01	1.8	SRCGP5	R_PIER50
554240.00	4180860.00	8.69E-01	1.8	SRCGP5	R_PIER50
554240.00	4180880.00	1.03E+00	1.8	SRCGP5	R_PIER50
554240.00	4180900.00	1.24E+00	1.8	SRCGP5	R_PIER50
554240.00	4180920.00	1.52E+00	1.8	SRCGP5	R_PIER50
554240.00	4180940.00	1.89E+00	1.8	SRCGP5	R_PIER50
554240.00	4180960.00	2.37E+00	1.8	SRCGP5	R_PIER50
554260.00	4180820.00	6.26E-01	1.8	SRCGP5	R_PIER50
554260.00	4180840.00	7.24E-01	1.8	SRCGP5	R_PIER50
554260.00	4180860.00	8.46E-01	1.8	SRCGP5	R_PIER50
554260.00	4180880.00	1.00E+00	1.8	SRCGP5	R_PIER50
554260.00	4180900.00	1.21E+00	1.8	SRCGP5	R_PIER50
554260.00	4180920.00	1.47E+00	1.8	SRCGP5	R_PIER50
554260.00	4180940.00	1.81E+00	1.8	SRCGP5	R_PIER50
554260.00	4180960.00	2.25E+00	1.8	SRCGP5	R_PIER50
554280.00	4180800.00	5.36E-01	1.8	SRCGP5	R_PIER50
554280.00	4180820.00	6.12E-01	1.8	SRCGP5	R_PIER50

554280.00	4180840.00	7.07E-01	1.8	SRCGP5	R_PIER50
554280.00	4180860.00	8.26E-01	1.8	SRCGP5	R_PIER50
554280.00	4180880.00	9.78E-01	1.8	SRCGP5	R_PIER50
554280.00	4180900.00	1.17E+00	1.8	SRCGP5	R_PIER50
554280.00	4180920.00	1.42E+00	1.8	SRCGP5	R_PIER50
554280.00	4180940.00	1.73E+00	1.8	SRCGP5	R_PIER50
554280.00	4180960.00	2.12E+00	1.8	SRCGP5	R_PIER50
554300.00	4180780.00	4.63E-01	1.8	SRCGP5	R_PIER50
554300.00	4180800.00	5.24E-01	1.8	SRCGP5	R_PIER50
554300.00	4180820.00	5.99E-01	1.8	SRCGP5	R_PIER50
554300.00	4180840.00	6.92E-01	1.8	SRCGP5	R_PIER50
554300.00	4180860.00	8.08E-01	1.8	SRCGP5	R_PIER50
554300.00	4180880.00	9.53E-01	1.8	SRCGP5	R_PIER50
554300.00	4180900.00	1.14E+00	1.8	SRCGP5	R_PIER50
554300.00	4180920.00	1.36E+00	1.8	SRCGP5	R_PIER50
554300.00	4180940.00	1.65E+00	1.8	SRCGP5	R_PIER50
554300.00	4180960.00	1.99E+00	1.8	SRCGP5	R_PIER50
554320.00	4180780.00	4.54E-01	1.8	SRCGP5	R_PIER50
554320.00	4180800.00	5.14E-01	1.8	SRCGP5	R_PIER50
554320.00	4180820.00	5.87E-01	1.8	SRCGP5	R_PIER50
554320.00	4180840.00	6.78E-01	1.8	SRCGP5	R_PIER50
554320.00	4180860.00	7.90E-01	1.8	SRCGP5	R_PIER50
554320.00	4180880.00	9.28E-01	1.8	SRCGP5	R_PIER50
554320.00	4180900.00	1.10E+00	1.8	SRCGP5	R_PIER50
554320.00	4180920.00	1.31E+00	1.8	SRCGP5	R_PIER50
554320.00	4180940.00	1.57E+00	1.8	SRCGP5	R_PIER50
554320.00	4180960.00	1.87E+00	1.8	SRCGP5	R_PIER50
554340.00	4180760.00	3.97E-01	1.8	SRCGP5	R_PIER50
554340.00	4180780.00	4.46E-01	1.8	SRCGP5	R_PIER50
554340.00	4180800.00	5.05E-01	1.8	SRCGP5	R_PIER50
554340.00	4180820.00	5.76E-01	1.8	SRCGP5	R_PIER50
554340.00	4180840.00	6.64E-01	1.8	SRCGP5	R_PIER50
554340.00	4180860.00	7.72E-01	1.8	SRCGP5	R_PIER50
554340.00	4180880.00	9.03E-01	1.8	SRCGP5	R_PIER50
554340.00	4180900.00	1.06E+00	1.8	SRCGP5	R_PIER50
554340.00	4180920.00	1.26E+00	1.8	SRCGP5	R_PIER50
554340.00	4180940.00	1.49E+00	1.8	SRCGP5	R_PIER50
554340.00	4180960.00	1.75E+00	1.8	SRCGP5	R_PIER50
554360.00	4180760.00	3.90E-01	1.8	SRCGP5	R_PIER50
554360.00	4180780.00	4.38E-01	1.8	SRCGP5	R_PIER50
554360.00	4180800.00	4.96E-01	1.8	SRCGP5	R_PIER50
554360.00	4180820.00	5.66E-01	1.8	SRCGP5	R_PIER50
554360.00	4180840.00	6.51E-01	1.8	SRCGP5	R_PIER50
554360.00	4180860.00	7.54E-01	1.8	SRCGP5	R_PIER50
554360.00	4180880.00	8.78E-01	1.8	SRCGP5	R_PIER50
554360.00	4180900.00	1.03E+00	1.8	SRCGP5	R_PIER50
554360.00	4180920.00	1.20E+00	1.8	SRCGP5	R_PIER50

554360.00	4180940.00	1.41E+00	1.8	SRCGP5	R_PIER50
554360.00	4180960.00	1.64E+00	1.8	SRCGP5	R_PIER50
554380.00	4180740.00	3.45E-01	1.8	SRCGP5	R_PIER50
554380.00	4180760.00	3.84E-01	1.8	SRCGP5	R_PIER50
554380.00	4180780.00	4.31E-01	1.8	SRCGP5	R_PIER50
554380.00	4180800.00	4.87E-01	1.8	SRCGP5	R_PIER50
554380.00	4180820.00	5.55E-01	1.8	SRCGP5	R_PIER50
554380.00	4180840.00	6.37E-01	1.8	SRCGP5	R_PIER50
554380.00	4180860.00	7.35E-01	1.8	SRCGP5	R_PIER50
554380.00	4180880.00	8.53E-01	1.8	SRCGP5	R_PIER50
554380.00	4180900.00	9.91E-01	1.8	SRCGP5	R_PIER50
554380.00	4180920.00	1.15E+00	1.8	SRCGP5	R_PIER50
554380.00	4180940.00	1.33E+00	1.8	SRCGP5	R_PIER50
554380.00	4180960.00	1.54E+00	1.8	SRCGP5	R_PIER50
554400.00	4180740.00	3.39E-01	1.8	SRCGP5	R_PIER50
554400.00	4180760.00	3.78E-01	1.8	SRCGP5	R_PIER50
554400.00	4180780.00	4.24E-01	1.8	SRCGP5	R_PIER50
554400.00	4180800.00	4.79E-01	1.8	SRCGP5	R_PIER50
554400.00	4180820.00	5.45E-01	1.8	SRCGP5	R_PIER50
554400.00	4180840.00	6.24E-01	1.8	SRCGP5	R_PIER50
554400.00	4180860.00	7.17E-01	1.8	SRCGP5	R_PIER50
554400.00	4180880.00	8.26E-01	1.8	SRCGP5	R_PIER50
554400.00	4180900.00	9.54E-01	1.8	SRCGP5	R_PIER50
554400.00	4180920.00	1.10E+00	1.8	SRCGP5	R_PIER50
554400.00	4180940.00	1.26E+00	1.8	SRCGP5	R_PIER50
554400.00	4180960.00	1.44E+00	1.8	SRCGP5	R_PIER50
554420.00	4180720.00	3.02E-01	1.8	SRCGP5	R_PIER50
554420.00	4180740.00	3.34E-01	1.8	SRCGP5	R_PIER50
554420.00	4180760.00	3.72E-01	1.8	SRCGP5	R_PIER50
554420.00	4180780.00	4.18E-01	1.8	SRCGP5	R_PIER50
554420.00	4180800.00	4.71E-01	1.8	SRCGP5	R_PIER50
554420.00	4180820.00	5.35E-01	1.8	SRCGP5	R_PIER50
554420.00	4180840.00	6.10E-01	1.8	SRCGP5	R_PIER50
554420.00	4180860.00	6.98E-01	1.8	SRCGP5	R_PIER50
554420.00	4180880.00	8.00E-01	1.8	SRCGP5	R_PIER50
554420.00	4180900.00	9.17E-01	1.8	SRCGP5	R_PIER50
554420.00	4180920.00	1.05E+00	1.8	SRCGP5	R_PIER50
554420.00	4180940.00	1.19E+00	1.8	SRCGP5	R_PIER50
554420.00	4180960.00	1.35E+00	1.8	SRCGP5	R_PIER50
554440.00	4180720.00	2.98E-01	1.8	SRCGP5	R_PIER50
554440.00	4180740.00	3.30E-01	1.8	SRCGP5	R_PIER50
554440.00	4180760.00	3.67E-01	1.8	SRCGP5	R_PIER50
554440.00	4180780.00	4.11E-01	1.8	SRCGP5	R_PIER50
554440.00	4180800.00	4.63E-01	1.8	SRCGP5	R_PIER50
554440.00	4180820.00	5.25E-01	1.8	SRCGP5	R_PIER50
554440.00	4180840.00	5.96E-01	1.8	SRCGP5	R_PIER50
554440.00	4180860.00	6.79E-01	1.8	SRCGP5	R_PIER50

554440.00	4180880.00	7.74E-01	1.8	SRCGP5	R_PIER50
554440.00	4180900.00	8.81E-01	1.8	SRCGP5	R_PIER50
554440.00	4180920.00	9.99E-01	1.8	SRCGP5	R_PIER50
554440.00	4180940.00	1.13E+00	1.8	SRCGP5	R_PIER50
554440.00	4180960.00	1.26E+00	1.8	SRCGP5	R_PIER50
553680.00	4180480.00	2.65E-01	1.8	SRCGP5	Sensitive
553360.00	4181000.00	3.87E-01	1.8	SRCGP5	Sensitive
553160.00	4180800.00	2.70E-01	1.8	SRCGP5	Sensitive
552940.00	4180980.00	1.63E-01	1.8	SRCGP5	Sensitive
553440.00	4180240.00	1.45E-01	1.8	SRCGP5	Sensitive
553920.00	4180800.00	1.04E+00	1.8	SRCGP5	Sensitive
553400.00	4180440.00	2.17E-01	1.8	SRCGP5	Sensitive
553920.00	4180000.00	8.08E-02	1.8	SRCGP5	Sensitive
553560.00	4180360.00	1.90E-01	1.8	SRCGP5	Sensitive
553360.00	4180340.00	1.73E-01	1.8	SRCGP5	Sensitive
553160.00	4181180.00	1.93E-01	1.8	SRCGP5	Sensitive





**Annual Average Concentraion at Each Receptor Location: Mission Rock Construction Scenario - Source Grou**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	5.32E-01	1.8	SRCGP6	OFF_SITE
553440.00	4180540.00	5.80E-01	1.8	SRCGP6	OFF_SITE
553440.00	4180560.00	6.32E-01	1.8	SRCGP6	OFF_SITE
553440.00	4180580.00	6.90E-01	1.8	SRCGP6	OFF_SITE
553440.00	4180600.00	7.53E-01	1.8	SRCGP6	OFF_SITE
553440.00	4180620.00	8.18E-01	1.8	SRCGP6	OFF_SITE
553440.00	4180640.00	8.85E-01	1.8	SRCGP6	OFF_SITE
553440.00	4180660.00	9.50E-01	1.8	SRCGP6	OFF_SITE
553440.00	4180720.00	1.12E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180740.00	1.16E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180760.00	1.19E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180780.00	1.22E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180800.00	1.24E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180840.00	1.26E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180860.00	1.27E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180880.00	1.26E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180900.00	1.25E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181020.00	1.06E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181040.00	1.01E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181060.00	9.53E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181080.00	9.01E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181160.00	7.17E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181180.00	6.78E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181200.00	6.43E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181220.00	6.10E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181240.00	5.78E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181260.00	5.47E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181300.00	4.90E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181320.00	4.63E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181340.00	4.37E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181360.00	4.13E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181380.00	3.90E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181400.00	3.68E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181420.00	3.47E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181440.00	3.27E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181460.00	3.08E-01	1.8	SRCGP6	OFF_SITE
553440.00	4181480.00	2.90E-01	1.8	SRCGP6	OFF_SITE
553460.00	4180520.00	5.42E-01	1.8	SRCGP6	OFF_SITE
553460.00	4180540.00	5.92E-01	1.8	SRCGP6	OFF_SITE
553460.00	4180560.00	6.48E-01	1.8	SRCGP6	OFF_SITE

553460.00	4180580.00	7.10E-01	1.8	SRCGP6	OFF_SITE
553460.00	4180600.00	7.78E-01	1.8	SRCGP6	OFF_SITE
553460.00	4180620.00	8.51E-01	1.8	SRCGP6	OFF_SITE
553460.00	4180640.00	9.28E-01	1.8	SRCGP6	OFF_SITE
553460.00	4180660.00	1.00E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180700.00	1.14E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180740.00	1.26E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180760.00	1.30E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180780.00	1.34E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180800.00	1.36E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180820.00	1.38E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180860.00	1.40E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180880.00	1.40E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180900.00	1.39E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180920.00	1.38E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181040.00	1.13E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181060.00	1.07E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181120.00	8.90E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181140.00	8.36E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181180.00	7.41E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181200.00	6.98E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181220.00	6.58E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181240.00	6.21E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181260.00	5.85E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181280.00	5.51E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181320.00	4.87E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181340.00	4.58E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181360.00	4.30E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181380.00	4.04E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181400.00	3.80E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181420.00	3.57E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181440.00	3.35E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181460.00	3.14E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181500.00	2.77E-01	1.8	SRCGP6	OFF_SITE
553460.00	4181520.00	2.60E-01	1.8	SRCGP6	OFF_SITE
553480.00	4180520.00	5.52E-01	1.8	SRCGP6	OFF_SITE
553480.00	4180540.00	6.04E-01	1.8	SRCGP6	OFF_SITE
553480.00	4180560.00	6.63E-01	1.8	SRCGP6	OFF_SITE
553480.00	4180580.00	7.29E-01	1.8	SRCGP6	OFF_SITE
553480.00	4180600.00	8.03E-01	1.8	SRCGP6	OFF_SITE
553480.00	4180620.00	8.85E-01	1.8	SRCGP6	OFF_SITE
553480.00	4180640.00	9.71E-01	1.8	SRCGP6	OFF_SITE
553480.00	4180660.00	1.06E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180700.00	1.23E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180720.00	1.30E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180760.00	1.42E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180780.00	1.47E+00	1.8	SRCGP6	OFF_SITE

553480.00	4180800.00	1.51E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180820.00	1.53E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180840.00	1.55E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180880.00	1.56E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180900.00	1.55E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180920.00	1.54E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180940.00	1.52E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180960.00	1.50E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181040.00	1.28E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181080.00	1.13E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181100.00	1.06E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181120.00	9.91E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181140.00	9.26E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181160.00	8.66E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181200.00	7.60E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181220.00	7.12E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181240.00	6.68E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181260.00	6.25E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181280.00	5.85E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181300.00	5.47E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181340.00	4.79E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181360.00	4.48E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181380.00	4.19E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181400.00	3.91E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181420.00	3.66E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181440.00	3.42E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181480.00	2.99E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181500.00	2.80E-01	1.8	SRCGP6	OFF_SITE
553480.00	4181520.00	2.62E-01	1.8	SRCGP6	OFF_SITE
553500.00	4180520.00	5.62E-01	1.8	SRCGP6	OFF_SITE
553500.00	4180540.00	6.16E-01	1.8	SRCGP6	OFF_SITE
553500.00	4180560.00	6.78E-01	1.8	SRCGP6	OFF_SITE
553500.00	4180580.00	7.48E-01	1.8	SRCGP6	OFF_SITE
553500.00	4180600.00	8.28E-01	1.8	SRCGP6	OFF_SITE
553500.00	4180620.00	9.18E-01	1.8	SRCGP6	OFF_SITE
553500.00	4180640.00	1.02E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180660.00	1.12E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180700.00	1.32E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180720.00	1.41E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180740.00	1.50E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180780.00	1.62E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180800.00	1.67E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180820.00	1.70E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180840.00	1.73E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180860.00	1.74E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180900.00	1.75E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180920.00	1.74E+00	1.8	SRCGP6	OFF_SITE

553500.00	4180940.00	1.72E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180960.00	1.70E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180980.00	1.65E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181000.00	1.60E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181060.00	1.37E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181080.00	1.28E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181100.00	1.20E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181120.00	1.11E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181140.00	1.03E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181160.00	9.59E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181180.00	8.91E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181220.00	7.72E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181240.00	7.19E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181260.00	6.68E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181280.00	6.21E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181300.00	5.78E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181320.00	5.37E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181360.00	4.65E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181380.00	4.32E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181400.00	4.02E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181420.00	3.74E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181460.00	3.24E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181480.00	3.03E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181500.00	2.82E-01	1.8	SRCGP6	OFF_SITE
553500.00	4181520.00	2.64E-01	1.8	SRCGP6	OFF_SITE
553520.00	4180520.00	5.72E-01	1.8	SRCGP6	OFF_SITE
553520.00	4180540.00	6.28E-01	1.8	SRCGP6	OFF_SITE
553520.00	4180560.00	6.92E-01	1.8	SRCGP6	OFF_SITE
553520.00	4180580.00	7.67E-01	1.8	SRCGP6	OFF_SITE
553520.00	4180600.00	8.52E-01	1.8	SRCGP6	OFF_SITE
553520.00	4180620.00	9.50E-01	1.8	SRCGP6	OFF_SITE
553520.00	4180640.00	1.06E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180660.00	1.18E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180700.00	1.42E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180720.00	1.54E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180740.00	1.64E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180760.00	1.73E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180800.00	1.86E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180820.00	1.91E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180840.00	1.94E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180860.00	1.96E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180880.00	1.97E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180920.00	1.98E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180940.00	1.96E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180960.00	1.93E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180980.00	1.89E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181000.00	1.84E+00	1.8	SRCGP6	OFF_SITE

553520.00	4181080.00	1.47E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181100.00	1.36E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181120.00	1.26E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181140.00	1.16E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181160.00	1.07E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181180.00	9.84E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181200.00	9.08E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181240.00	7.74E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181260.00	7.15E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181280.00	6.59E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181300.00	6.09E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181320.00	5.63E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181340.00	5.20E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181380.00	4.45E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181400.00	4.12E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181440.00	3.54E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181460.00	3.28E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181480.00	3.05E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181500.00	2.84E-01	1.8	SRCGP6	OFF_SITE
553520.00	4181520.00	2.65E-01	1.8	SRCGP6	OFF_SITE
553540.00	4180520.00	5.81E-01	1.8	SRCGP6	OFF_SITE
553540.00	4180540.00	6.39E-01	1.8	SRCGP6	OFF_SITE
553540.00	4180560.00	7.06E-01	1.8	SRCGP6	OFF_SITE
553540.00	4180580.00	7.85E-01	1.8	SRCGP6	OFF_SITE
553540.00	4180600.00	8.76E-01	1.8	SRCGP6	OFF_SITE
553540.00	4180620.00	9.82E-01	1.8	SRCGP6	OFF_SITE
553540.00	4180640.00	1.10E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180660.00	1.24E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180700.00	1.53E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180720.00	1.67E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180740.00	1.81E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180760.00	1.92E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180780.00	2.02E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180820.00	2.15E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180840.00	2.20E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180860.00	2.23E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180880.00	2.25E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180900.00	2.26E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180940.00	2.25E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180960.00	2.22E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180980.00	2.18E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181100.00	1.56E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181120.00	1.43E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181140.00	1.31E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181160.00	1.19E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181180.00	1.09E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181200.00	9.97E-01	1.8	SRCGP6	OFF_SITE

553540.00	4181220.00	9.12E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181260.00	7.64E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181280.00	7.00E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181300.00	6.41E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181320.00	5.89E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181340.00	5.41E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181360.00	4.97E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181420.00	3.88E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181440.00	3.58E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181460.00	3.31E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181480.00	3.07E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181500.00	2.85E-01	1.8	SRCGP6	OFF_SITE
553540.00	4181520.00	2.65E-01	1.8	SRCGP6	OFF_SITE
553560.00	4180520.00	5.90E-01	1.8	SRCGP6	OFF_SITE
553560.00	4180540.00	6.50E-01	1.8	SRCGP6	OFF_SITE
553560.00	4180560.00	7.20E-01	1.8	SRCGP6	OFF_SITE
553560.00	4180580.00	8.02E-01	1.8	SRCGP6	OFF_SITE
553560.00	4180600.00	8.98E-01	1.8	SRCGP6	OFF_SITE
553560.00	4180620.00	1.01E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180640.00	1.14E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180660.00	1.30E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180700.00	1.64E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180720.00	1.82E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180740.00	1.99E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180760.00	2.14E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180780.00	2.27E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180800.00	2.37E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180840.00	2.51E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180860.00	2.55E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180880.00	2.58E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180900.00	2.60E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180920.00	2.61E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181000.00	2.48E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181020.00	2.39E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181120.00	1.65E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181140.00	1.49E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181160.00	1.35E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181180.00	1.22E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181200.00	1.10E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181220.00	9.95E-01	1.8	SRCGP6	OFF_SITE
553560.00	4181240.00	9.01E-01	1.8	SRCGP6	OFF_SITE
553560.00	4181280.00	7.41E-01	1.8	SRCGP6	OFF_SITE
553560.00	4181300.00	6.74E-01	1.8	SRCGP6	OFF_SITE
553560.00	4181320.00	6.14E-01	1.8	SRCGP6	OFF_SITE
553560.00	4181340.00	5.60E-01	1.8	SRCGP6	OFF_SITE
553560.00	4181420.00	3.92E-01	1.8	SRCGP6	OFF_SITE
553560.00	4181440.00	3.61E-01	1.8	SRCGP6	OFF_SITE

553560.00	4181460.00	3.32E-01	1.8	SRCGP6	OFF_SITE
553560.00	4181480.00	3.07E-01	1.8	SRCGP6	OFF_SITE
553560.00	4181500.00	2.85E-01	1.8	SRCGP6	OFF_SITE
553560.00	4181520.00	2.64E-01	1.8	SRCGP6	OFF_SITE
553580.00	4180520.00	5.98E-01	1.8	SRCGP6	OFF_SITE
553580.00	4180540.00	6.60E-01	1.8	SRCGP6	OFF_SITE
553580.00	4180560.00	7.32E-01	1.8	SRCGP6	OFF_SITE
553580.00	4180580.00	8.18E-01	1.8	SRCGP6	OFF_SITE
553580.00	4180600.00	9.20E-01	1.8	SRCGP6	OFF_SITE
553580.00	4180620.00	1.04E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180640.00	1.18E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180660.00	1.35E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180700.00	1.76E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180720.00	1.99E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180740.00	2.21E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180760.00	2.40E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180780.00	2.57E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180800.00	2.71E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180820.00	2.82E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181000.00	2.92E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181020.00	2.82E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181040.00	2.70E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181140.00	1.72E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181160.00	1.53E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181180.00	1.36E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181200.00	1.22E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181220.00	1.09E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181240.00	9.73E-01	1.8	SRCGP6	OFF_SITE
553580.00	4181260.00	8.72E-01	1.8	SRCGP6	OFF_SITE
553580.00	4181300.00	7.06E-01	1.8	SRCGP6	OFF_SITE
553580.00	4181320.00	6.38E-01	1.8	SRCGP6	OFF_SITE
553580.00	4181440.00	3.62E-01	1.8	SRCGP6	OFF_SITE
553580.00	4181460.00	3.33E-01	1.8	SRCGP6	OFF_SITE
553580.00	4181480.00	3.06E-01	1.8	SRCGP6	OFF_SITE
553580.00	4181500.00	2.83E-01	1.8	SRCGP6	OFF_SITE
553580.00	4181520.00	2.62E-01	1.8	SRCGP6	OFF_SITE
553600.00	4180800.00	3.13E+00	1.8	SRCGP6	OFF_SITE
553600.00	4180820.00	3.28E+00	1.8	SRCGP6	OFF_SITE
553600.00	4180840.00	3.39E+00	1.8	SRCGP6	OFF_SITE
553600.00	4180860.00	3.47E+00	1.8	SRCGP6	OFF_SITE
553600.00	4180900.00	3.57E+00	1.8	SRCGP6	OFF_SITE
553600.00	4180920.00	3.59E+00	1.8	SRCGP6	OFF_SITE
553600.00	4180940.00	3.60E+00	1.8	SRCGP6	OFF_SITE
553600.00	4181000.00	3.48E+00	1.8	SRCGP6	OFF_SITE
553600.00	4181020.00	3.38E+00	1.8	SRCGP6	OFF_SITE
553600.00	4181040.00	3.24E+00	1.8	SRCGP6	OFF_SITE
553600.00	4181060.00	3.06E+00	1.8	SRCGP6	OFF_SITE

553600.00	4181160.00	1.77E+00	1.8	SRCGP6	OFF_SITE
553600.00	4181180.00	1.55E+00	1.8	SRCGP6	OFF_SITE
553600.00	4181200.00	1.36E+00	1.8	SRCGP6	OFF_SITE
553600.00	4181220.00	1.19E+00	1.8	SRCGP6	OFF_SITE
553600.00	4181240.00	1.05E+00	1.8	SRCGP6	OFF_SITE
553600.00	4181260.00	9.30E-01	1.8	SRCGP6	OFF_SITE
553600.00	4181280.00	8.27E-01	1.8	SRCGP6	OFF_SITE
553600.00	4181460.00	3.31E-01	1.8	SRCGP6	OFF_SITE
553600.00	4181480.00	3.04E-01	1.8	SRCGP6	OFF_SITE
553600.00	4181500.00	2.81E-01	1.8	SRCGP6	OFF_SITE
553600.00	4181520.00	2.59E-01	1.8	SRCGP6	OFF_SITE
553620.00	4180520.00	6.08E-01	1.8	SRCGP6	OFF_SITE
553620.00	4180540.00	6.73E-01	1.8	SRCGP6	OFF_SITE
553620.00	4180560.00	7.51E-01	1.8	SRCGP6	OFF_SITE
553620.00	4180600.00	9.55E-01	1.8	SRCGP6	OFF_SITE
553620.00	4180620.00	1.09E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180640.00	1.26E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180660.00	1.46E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180700.00	2.00E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180720.00	2.35E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180740.00	2.71E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180760.00	3.08E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180780.00	3.40E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180800.00	3.67E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180820.00	3.88E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180840.00	4.03E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180860.00	4.14E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180900.00	4.27E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180920.00	4.31E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180940.00	4.32E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181000.00	4.21E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181020.00	4.11E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181040.00	3.96E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181060.00	3.75E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181080.00	3.48E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181180.00	1.77E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181200.00	1.52E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181220.00	1.31E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181240.00	1.13E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181260.00	9.89E-01	1.8	SRCGP6	OFF_SITE
553620.00	4181280.00	8.68E-01	1.8	SRCGP6	OFF_SITE
553620.00	4181480.00	3.01E-01	1.8	SRCGP6	OFF_SITE
553620.00	4181500.00	2.77E-01	1.8	SRCGP6	OFF_SITE
553620.00	4181520.00	2.55E-01	1.8	SRCGP6	OFF_SITE
553640.00	4180520.00	6.09E-01	1.8	SRCGP6	OFF_SITE
553640.00	4180540.00	6.76E-01	1.8	SRCGP6	OFF_SITE
553640.00	4180560.00	7.56E-01	1.8	SRCGP6	OFF_SITE



553640.00	4180600.00	9.67E-01	1.8	SRCGP6	OFF_SITE
553640.00	4180620.00	1.11E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180640.00	1.28E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180660.00	1.50E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180700.00	2.12E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180720.00	2.53E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180740.00	3.00E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180760.00	3.50E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180780.00	3.97E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180800.00	4.37E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180820.00	4.67E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180840.00	4.89E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180860.00	5.04E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180900.00	5.21E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180920.00	5.26E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180940.00	5.28E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181000.00	5.18E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181020.00	5.07E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181040.00	4.92E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181060.00	4.69E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181080.00	4.38E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181100.00	3.96E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181200.00	1.71E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181220.00	1.44E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181240.00	1.22E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181260.00	1.05E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181500.00	2.71E-01	1.8	SRCGP6	OFF_SITE
553640.00	4181520.00	2.50E-01	1.8	SRCGP6	OFF_SITE
553660.00	4180520.00	6.06E-01	1.8	SRCGP6	OFF_SITE
553660.00	4180540.00	6.74E-01	1.8	SRCGP6	OFF_SITE
553660.00	4180560.00	7.56E-01	1.8	SRCGP6	OFF_SITE
553660.00	4180600.00	9.73E-01	1.8	SRCGP6	OFF_SITE
553660.00	4180620.00	1.12E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180640.00	1.31E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180660.00	1.54E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180700.00	2.23E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180720.00	2.71E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180740.00	3.31E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180760.00	3.99E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180780.00	4.68E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180800.00	5.29E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180820.00	5.75E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180840.00	6.07E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180860.00	6.28E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180900.00	6.50E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180920.00	6.56E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180940.00	6.59E+00	1.8	SRCGP6	OFF_SITE

553660.00	4181000.00	6.51E+00	1.8	SRCGP6	OFF_SITE
553660.00	4181020.00	6.41E+00	1.8	SRCGP6	OFF_SITE
553660.00	4181040.00	6.26E+00	1.8	SRCGP6	OFF_SITE
553660.00	4181060.00	6.02E+00	1.8	SRCGP6	OFF_SITE
553660.00	4181080.00	5.66E+00	1.8	SRCGP6	OFF_SITE
553660.00	4181100.00	5.16E+00	1.8	SRCGP6	OFF_SITE
553660.00	4181120.00	4.50E+00	1.8	SRCGP6	OFF_SITE
553660.00	4181220.00	1.58E+00	1.8	SRCGP6	OFF_SITE
553660.00	4181240.00	1.31E+00	1.8	SRCGP6	OFF_SITE
553660.00	4181520.00	2.44E-01	1.8	SRCGP6	OFF_SITE
553680.00	4180520.00	5.98E-01	1.8	SRCGP6	OFF_SITE
553680.00	4180540.00	6.68E-01	1.8	SRCGP6	OFF_SITE
553680.00	4180560.00	7.51E-01	1.8	SRCGP6	OFF_SITE
553680.00	4180600.00	9.72E-01	1.8	SRCGP6	OFF_SITE
553680.00	4180620.00	1.12E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180640.00	1.32E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180660.00	1.56E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180700.00	2.31E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180720.00	2.88E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180740.00	3.62E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180760.00	4.54E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180780.00	5.57E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180800.00	6.55E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180820.00	7.31E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180840.00	7.82E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180860.00	8.12E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180900.00	8.39E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180920.00	8.45E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180940.00	8.49E+00	1.8	SRCGP6	OFF_SITE
553680.00	4181000.00	8.46E+00	1.8	SRCGP6	OFF_SITE
553680.00	4181020.00	8.38E+00	1.8	SRCGP6	OFF_SITE
553680.00	4181040.00	8.25E+00	1.8	SRCGP6	OFF_SITE
553680.00	4181060.00	8.02E+00	1.8	SRCGP6	OFF_SITE
553680.00	4181080.00	7.65E+00	1.8	SRCGP6	OFF_SITE
553680.00	4181100.00	7.06E+00	1.8	SRCGP6	OFF_SITE
553680.00	4181120.00	6.19E+00	1.8	SRCGP6	OFF_SITE
553680.00	4181140.00	5.05E+00	1.8	SRCGP6	OFF_SITE
553700.00	4180520.00	5.87E-01	1.8	SRCGP6	OFF_SITE
553700.00	4180540.00	6.56E-01	1.8	SRCGP6	OFF_SITE
553700.00	4180560.00	7.39E-01	1.8	SRCGP6	OFF_SITE
553700.00	4180600.00	9.63E-01	1.8	SRCGP6	OFF_SITE
553700.00	4180620.00	1.12E+00	1.8	SRCGP6	OFF_SITE
553700.00	4180640.00	1.31E+00	1.8	SRCGP6	OFF_SITE
553700.00	4180660.00	1.57E+00	1.8	SRCGP6	OFF_SITE
553700.00	4180700.00	2.37E+00	1.8	SRCGP6	OFF_SITE
553700.00	4180720.00	3.02E+00	1.8	SRCGP6	OFF_SITE
553700.00	4180740.00	3.91E+00	1.8	SRCGP6	OFF_SITE

553700.00	4180760.00	5.13E+00	1.8	SRCGP6	OFF_SITE
553700.00	4180780.00	6.68E+00	1.8	SRCGP6	OFF_SITE
553700.00	4180800.00	8.37E+00	1.8	SRCGP6	OFF_SITE
553700.00	4180820.00	9.74E+00	1.8	SRCGP6	OFF_SITE
553700.00	4180840.00	1.06E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180860.00	1.10E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180900.00	1.14E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180920.00	1.14E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180940.00	1.15E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181000.00	1.16E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181020.00	1.16E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181040.00	1.15E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181060.00	1.13E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181080.00	1.10E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181100.00	1.04E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181120.00	9.31E+00	1.8	SRCGP6	OFF_SITE
553700.00	4181140.00	7.54E+00	1.8	SRCGP6	OFF_SITE
553720.00	4180520.00	5.71E-01	1.8	SRCGP6	OFF_SITE
553720.00	4180540.00	6.39E-01	1.8	SRCGP6	OFF_SITE
553720.00	4180560.00	7.21E-01	1.8	SRCGP6	OFF_SITE
553720.00	4180600.00	9.43E-01	1.8	SRCGP6	OFF_SITE
553720.00	4180620.00	1.10E+00	1.8	SRCGP6	OFF_SITE
553720.00	4180640.00	1.29E+00	1.8	SRCGP6	OFF_SITE
553720.00	4180660.00	1.55E+00	1.8	SRCGP6	OFF_SITE
553740.00	4180520.00	5.50E-01	1.8	SRCGP6	OFF_SITE
553740.00	4180540.00	6.16E-01	1.8	SRCGP6	OFF_SITE
553740.00	4180560.00	6.96E-01	1.8	SRCGP6	OFF_SITE
553760.00	4180620.00	1.02E+00	1.8	SRCGP6	OFF_SITE
553760.00	4180640.00	1.21E+00	1.8	SRCGP6	OFF_SITE
553760.00	4180660.00	1.46E+00	1.8	SRCGP6	OFF_SITE
553760.00	4180680.00	1.80E+00	1.8	SRCGP6	OFF_SITE
553760.00	4180720.00	3.03E+00	1.8	SRCGP6	OFF_SITE
553760.00	4180740.00	4.20E+00	1.8	SRCGP6	OFF_SITE
553760.00	4180760.00	6.20E+00	1.8	SRCGP6	OFF_SITE
553760.00	4180780.00	1.00E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180520.00	5.01E-01	1.8	SRCGP6	OFF_SITE
553780.00	4180540.00	5.61E-01	1.8	SRCGP6	OFF_SITE
553780.00	4180560.00	6.33E-01	1.8	SRCGP6	OFF_SITE
553780.00	4180580.00	7.21E-01	1.8	SRCGP6	OFF_SITE
553780.00	4180600.00	8.30E-01	1.8	SRCGP6	OFF_SITE
553780.00	4180620.00	9.67E-01	1.8	SRCGP6	OFF_SITE
553780.00	4180640.00	1.15E+00	1.8	SRCGP6	OFF_SITE
553780.00	4180660.00	1.38E+00	1.8	SRCGP6	OFF_SITE
553780.00	4180680.00	1.71E+00	1.8	SRCGP6	OFF_SITE
553780.00	4180720.00	2.89E+00	1.8	SRCGP6	OFF_SITE
553780.00	4180740.00	4.04E+00	1.8	SRCGP6	OFF_SITE
553780.00	4180760.00	6.09E+00	1.8	SRCGP6	OFF_SITE

553780.00	4180780.00	1.03E+01	1.8	SRCGP6	OFF_SITE
553800.00	4180520.00	4.75E-01	1.8	SRCGP6	OFF_SITE
553800.00	4180540.00	5.31E-01	1.8	SRCGP6	OFF_SITE
553800.00	4180560.00	5.98E-01	1.8	SRCGP6	OFF_SITE
553800.00	4180580.00	6.80E-01	1.8	SRCGP6	OFF_SITE
553800.00	4180600.00	7.81E-01	1.8	SRCGP6	OFF_SITE
553800.00	4180620.00	9.09E-01	1.8	SRCGP6	OFF_SITE
553800.00	4180640.00	1.07E+00	1.8	SRCGP6	OFF_SITE
553800.00	4180660.00	1.29E+00	1.8	SRCGP6	OFF_SITE
553800.00	4180680.00	1.60E+00	1.8	SRCGP6	OFF_SITE
553800.00	4180720.00	2.70E+00	1.8	SRCGP6	OFF_SITE
553800.00	4180740.00	3.80E+00	1.8	SRCGP6	OFF_SITE
553800.00	4180760.00	5.85E+00	1.8	SRCGP6	OFF_SITE
553800.00	4180780.00	1.03E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180520.00	4.49E-01	1.8	SRCGP6	OFF_SITE
553820.00	4180540.00	5.01E-01	1.8	SRCGP6	OFF_SITE
553820.00	4180560.00	5.63E-01	1.8	SRCGP6	OFF_SITE
553820.00	4180580.00	6.38E-01	1.8	SRCGP6	OFF_SITE
553820.00	4180620.00	8.49E-01	1.8	SRCGP6	OFF_SITE
553820.00	4180640.00	1.00E+00	1.8	SRCGP6	OFF_SITE
553820.00	4180660.00	1.20E+00	1.8	SRCGP6	OFF_SITE
553820.00	4180680.00	1.48E+00	1.8	SRCGP6	OFF_SITE
553820.00	4180720.00	2.49E+00	1.8	SRCGP6	OFF_SITE
553820.00	4180740.00	3.53E+00	1.8	SRCGP6	OFF_SITE
553820.00	4180760.00	5.52E+00	1.8	SRCGP6	OFF_SITE
553820.00	4180780.00	9.98E+00	1.8	SRCGP6	OFF_SITE
553840.00	4180520.00	4.25E-01	1.8	SRCGP6	OFF_SITE
553840.00	4180540.00	4.72E-01	1.8	SRCGP6	OFF_SITE
553840.00	4180560.00	5.29E-01	1.8	SRCGP6	OFF_SITE
553840.00	4180580.00	5.98E-01	1.8	SRCGP6	OFF_SITE
553840.00	4180620.00	7.90E-01	1.8	SRCGP6	OFF_SITE
553840.00	4180640.00	9.28E-01	1.8	SRCGP6	OFF_SITE
553840.00	4180660.00	1.11E+00	1.8	SRCGP6	OFF_SITE
553840.00	4180680.00	1.36E+00	1.8	SRCGP6	OFF_SITE
553840.00	4180720.00	2.29E+00	1.8	SRCGP6	OFF_SITE
553840.00	4180740.00	3.25E+00	1.8	SRCGP6	OFF_SITE
553840.00	4180760.00	5.09E+00	1.8	SRCGP6	OFF_SITE
553840.00	4180780.00	9.21E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180520.00	4.02E-01	1.8	SRCGP6	OFF_SITE
553860.00	4180540.00	4.46E-01	1.8	SRCGP6	OFF_SITE
553860.00	4180560.00	4.99E-01	1.8	SRCGP6	OFF_SITE
553860.00	4180580.00	5.62E-01	1.8	SRCGP6	OFF_SITE
553860.00	4180620.00	7.37E-01	1.8	SRCGP6	OFF_SITE
553860.00	4180640.00	8.63E-01	1.8	SRCGP6	OFF_SITE
553860.00	4180660.00	1.03E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180680.00	1.26E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180720.00	2.11E+00	1.8	SRCGP6	OFF_SITE

553860.00	4180740.00	2.98E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180760.00	4.61E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180780.00	8.12E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180520.00	3.82E-01	1.8	SRCGP6	OFF_SITE
553880.00	4180540.00	4.23E-01	1.8	SRCGP6	OFF_SITE
553880.00	4180560.00	4.71E-01	1.8	SRCGP6	OFF_SITE
553880.00	4180580.00	5.30E-01	1.8	SRCGP6	OFF_SITE
553880.00	4180620.00	6.90E-01	1.8	SRCGP6	OFF_SITE
553880.00	4180640.00	8.05E-01	1.8	SRCGP6	OFF_SITE
553880.00	4180660.00	9.58E-01	1.8	SRCGP6	OFF_SITE
553880.00	4180680.00	1.17E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180720.00	1.95E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180740.00	2.75E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180760.00	4.18E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180780.00	7.03E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180520.00	3.64E-01	1.8	SRCGP6	OFF_SITE
553900.00	4180540.00	4.02E-01	1.8	SRCGP6	OFF_SITE
553900.00	4180560.00	4.47E-01	1.8	SRCGP6	OFF_SITE
553900.00	4180580.00	5.01E-01	1.8	SRCGP6	OFF_SITE
553900.00	4180620.00	6.50E-01	1.8	SRCGP6	OFF_SITE
553900.00	4180640.00	7.57E-01	1.8	SRCGP6	OFF_SITE
553900.00	4180660.00	8.99E-01	1.8	SRCGP6	OFF_SITE
553900.00	4180680.00	1.10E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180720.00	1.84E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180740.00	2.57E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180760.00	3.86E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180780.00	6.23E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180520.00	3.48E-01	1.8	SRCGP6	OFF_SITE
553920.00	4180540.00	3.84E-01	1.8	SRCGP6	OFF_SITE
553920.00	4180560.00	4.26E-01	1.8	SRCGP6	OFF_SITE
553920.00	4180580.00	4.77E-01	1.8	SRCGP6	OFF_SITE
553920.00	4180620.00	6.16E-01	1.8	SRCGP6	OFF_SITE
553920.00	4180640.00	7.17E-01	1.8	SRCGP6	OFF_SITE
553920.00	4180660.00	8.51E-01	1.8	SRCGP6	OFF_SITE
553920.00	4180680.00	1.04E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180720.00	1.75E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180740.00	2.44E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180760.00	3.58E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180780.00	5.49E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180520.00	3.34E-01	1.8	SRCGP6	OFF_SITE
553940.00	4180540.00	3.68E-01	1.8	SRCGP6	OFF_SITE
553940.00	4180560.00	4.08E-01	1.8	SRCGP6	OFF_SITE
553940.00	4180580.00	4.56E-01	1.8	SRCGP6	OFF_SITE
553940.00	4180620.00	5.88E-01	1.8	SRCGP6	OFF_SITE
553940.00	4180640.00	6.83E-01	1.8	SRCGP6	OFF_SITE
553940.00	4180660.00	8.12E-01	1.8	SRCGP6	OFF_SITE
553940.00	4180680.00	9.94E-01	1.8	SRCGP6	OFF_SITE

553940.00	4180720.00	1.67E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180740.00	2.30E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180760.00	3.28E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180780.00	4.74E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180520.00	3.22E-01	1.8	SRCGP6	OFF_SITE
553960.00	4180540.00	3.54E-01	1.8	SRCGP6	OFF_SITE
553960.00	4180560.00	3.91E-01	1.8	SRCGP6	OFF_SITE
553960.00	4180580.00	4.37E-01	1.8	SRCGP6	OFF_SITE
553960.00	4180620.00	5.63E-01	1.8	SRCGP6	OFF_SITE
553960.00	4180640.00	6.55E-01	1.8	SRCGP6	OFF_SITE
553960.00	4180660.00	7.80E-01	1.8	SRCGP6	OFF_SITE
553960.00	4180680.00	9.56E-01	1.8	SRCGP6	OFF_SITE
553960.00	4180720.00	1.59E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180740.00	2.16E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180760.00	2.98E+00	1.8	SRCGP6	OFF_SITE
553980.00	4180520.00	3.10E-01	1.8	SRCGP6	OFF_SITE
553980.00	4180540.00	3.41E-01	1.8	SRCGP6	OFF_SITE
553980.00	4180560.00	3.77E-01	1.8	SRCGP6	OFF_SITE
553980.00	4180580.00	4.20E-01	1.8	SRCGP6	OFF_SITE
553980.00	4180620.00	5.41E-01	1.8	SRCGP6	OFF_SITE
553980.00	4180640.00	6.30E-01	1.8	SRCGP6	OFF_SITE
553980.00	4180660.00	7.52E-01	1.8	SRCGP6	OFF_SITE
553980.00	4180680.00	9.22E-01	1.8	SRCGP6	OFF_SITE
553560.00	4181180.00	1.22E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180660.00	8.51E-01	1.8	SRCGP6	OFF_SITE
553700.00	4180920.00	1.14E+01	1.8	SRCGP6	OFF_SITE
553560.00	4180920.00	2.61E+00	1.8	SRCGP6	OFF_SITE
553680.00	4181060.00	8.02E+00	1.8	SRCGP6	OFF_SITE
553760.00	4181080.00	7.08E+01	1.8	SRCGP6	R_A1_BA
553780.00	4181080.00	7.06E+01	1.8	SRCGP6	R_A1_BA
553760.00	4181100.00	7.05E+01	1.8	SRCGP6	R_A1_BA
553780.00	4181100.00	6.95E+01	1.8	SRCGP6	R_A1_BA
553760.00	4181120.00	6.94E+01	1.8	SRCGP6	R_A1_BA
553780.00	4181120.00	6.76E+01	1.8	SRCGP6	R_A1_BA
553760.00	4181140.00	6.53E+01	1.8	SRCGP6	R_A1_BA
553780.00	4181140.00	6.30E+01	1.8	SRCGP6	R_A1_BA
553760.00	4181000.00	6.95E+01	1.8	SRCGP6	R_A1_BB
553780.00	4181000.00	7.34E+01	1.8	SRCGP6	R_A1_BB
553760.00	4181020.00	6.99E+01	1.8	SRCGP6	R_A1_BB
553780.00	4181020.00	7.28E+01	1.8	SRCGP6	R_A1_BB
553760.00	4181040.00	7.03E+01	1.8	SRCGP6	R_A1_BB
553780.00	4181040.00	7.22E+01	1.8	SRCGP6	R_A1_BB
553780.00	4181060.00	7.15E+01	1.8	SRCGP6	R_A1_BB
553760.00	4180900.00	6.70E+01	1.8	SRCGP6	R_A1_BC
553780.00	4180900.00	7.79E+01	1.8	SRCGP6	R_A1_BC
553760.00	4180920.00	6.73E+01	1.8	SRCGP6	R_A1_BC
553780.00	4180920.00	7.61E+01	1.8	SRCGP6	R_A1_BC

553760.00	4180940.00	6.78E+01	1.8	SRCGP6	R_A1_BC
553780.00	4180940.00	7.52E+01	1.8	SRCGP6	R_A1_BC
553760.00	4180960.00	6.84E+01	1.8	SRCGP6	R_A1_BC
553780.00	4180960.00	7.45E+01	1.8	SRCGP6	R_A1_BC
553760.00	4180820.00	5.69E+01	1.8	SRCGP6	R_A1_BD1
553780.00	4180820.00	7.28E+01	1.8	SRCGP6	R_A1_BD1
553760.00	4180840.00	6.47E+01	1.8	SRCGP6	R_A1_BD1
553780.00	4180840.00	8.39E+01	1.8	SRCGP6	R_A1_BD1
553760.00	4180860.00	6.68E+01	1.8	SRCGP6	R_A1_BD1
553780.00	4180860.00	8.48E+01	1.8	SRCGP6	R_A1_BD1
553760.00	4180880.00	6.71E+01	1.8	SRCGP6	R_A1_BD1
553800.00	4180820.00	7.61E+01	1.8	SRCGP6	R_A1_BD2
553820.00	4180820.00	7.61E+01	1.8	SRCGP6	R_A1_BD2
553840.00	4180820.00	7.37E+01	1.8	SRCGP6	R_A1_BD2
553860.00	4180820.00	6.79E+01	1.8	SRCGP6	R_A1_BD2
553880.00	4180820.00	5.20E+01	1.8	SRCGP6	R_A1_BD2
553800.00	4180840.00	8.95E+01	1.8	SRCGP6	R_A1_BD2
553820.00	4180840.00	9.10E+01	1.8	SRCGP6	R_A1_BD2
553840.00	4180840.00	8.96E+01	1.8	SRCGP6	R_A1_BD2
553860.00	4180840.00	8.38E+01	1.8	SRCGP6	R_A1_BD2
553880.00	4180840.00	6.49E+01	1.8	SRCGP6	R_A1_BD2
553800.00	4180860.00	9.03E+01	1.8	SRCGP6	R_A1_BD2
553820.00	4180860.00	9.19E+01	1.8	SRCGP6	R_A1_BD2
553840.00	4180860.00	9.07E+01	1.8	SRCGP6	R_A1_BD2
553860.00	4180860.00	8.51E+01	1.8	SRCGP6	R_A1_BD2
553880.00	4180860.00	6.51E+01	1.8	SRCGP6	R_A1_BD2
553780.00	4180880.00	8.17E+01	1.8	SRCGP6	R_A1_BD2
553800.00	4180880.00	8.11E+01	1.8	SRCGP6	R_A1_BD2
553820.00	4180880.00	7.86E+01	1.8	SRCGP6	R_A1_BD2
553840.00	4180880.00	7.62E+01	1.8	SRCGP6	R_A1_BD2
553860.00	4180880.00	7.23E+01	1.8	SRCGP6	R_A1_BD2
553820.00	4181100.00	1.83E+01	1.8	SRCGP6	R_A2_BG
553840.00	4181100.00	1.22E+01	1.8	SRCGP6	R_A2_BG
553860.00	4181100.00	9.00E+00	1.8	SRCGP6	R_A2_BG
553820.00	4181120.00	1.68E+01	1.8	SRCGP6	R_A2_BG
553840.00	4181120.00	1.11E+01	1.8	SRCGP6	R_A2_BG
553860.00	4181120.00	8.17E+00	1.8	SRCGP6	R_A2_BG
553900.00	4181100.00	5.79E+00	1.8	SRCGP6	R_A2_BK
553920.00	4181100.00	4.88E+00	1.8	SRCGP6	R_A2_BK
553900.00	4181120.00	5.27E+00	1.8	SRCGP6	R_A2_BK
553920.00	4181120.00	4.44E+00	1.8	SRCGP6	R_A2_BK
553860.00	4181140.00	7.04E+00	1.8	SRCGP6	R_A2_PK
553880.00	4181140.00	5.60E+00	1.8	SRCGP6	R_A2_PK
553900.00	4181140.00	4.64E+00	1.8	SRCGP6	R_A2_PK
553920.00	4181140.00	3.94E+00	1.8	SRCGP6	R_A2_PK
553800.00	4181160.00	1.72E+01	1.8	SRCGP6	R_A2_PK
553820.00	4181160.00	1.03E+01	1.8	SRCGP6	R_A2_PK

553840.00	4181160.00	7.35E+00	1.8	SRCGP6	R_A2_PK
553860.00	4181160.00	5.72E+00	1.8	SRCGP6	R_A2_PK
553880.00	4181160.00	4.68E+00	1.8	SRCGP6	R_A2_PK
553900.00	4181160.00	3.95E+00	1.8	SRCGP6	R_A2_PK
553920.00	4181160.00	3.41E+00	1.8	SRCGP6	R_A2_PK
553740.00	4181180.00	5.93E+00	1.8	SRCGP6	R_A2_PK
553760.00	4181180.00	7.73E+00	1.8	SRCGP6	R_A2_PK
553780.00	4181180.00	8.29E+00	1.8	SRCGP6	R_A2_PK
553800.00	4181180.00	7.68E+00	1.8	SRCGP6	R_A2_PK
553820.00	4181180.00	6.43E+00	1.8	SRCGP6	R_A2_PK
553840.00	4181180.00	5.27E+00	1.8	SRCGP6	R_A2_PK
553860.00	4181180.00	4.40E+00	1.8	SRCGP6	R_A2_PK
553880.00	4181180.00	3.75E+00	1.8	SRCGP6	R_A2_PK
553900.00	4181180.00	3.26E+00	1.8	SRCGP6	R_A2_PK
553920.00	4181180.00	2.88E+00	1.8	SRCGP6	R_A2_PK
553740.00	4181200.00	3.18E+00	1.8	SRCGP6	R_A2_PK
553760.00	4181200.00	3.58E+00	1.8	SRCGP6	R_A2_PK
553780.00	4181200.00	3.94E+00	1.8	SRCGP6	R_A2_PK
553800.00	4181200.00	4.09E+00	1.8	SRCGP6	R_A2_PK
553820.00	4181200.00	3.96E+00	1.8	SRCGP6	R_A2_PK
553840.00	4181200.00	3.63E+00	1.8	SRCGP6	R_A2_PK
553860.00	4181200.00	3.27E+00	1.8	SRCGP6	R_A2_PK
553880.00	4181200.00	2.93E+00	1.8	SRCGP6	R_A2_PK
553900.00	4181200.00	2.63E+00	1.8	SRCGP6	R_A2_PK
553920.00	4181200.00	2.38E+00	1.8	SRCGP6	R_A2_PK
553840.00	4180920.00	1.95E+01	1.8	SRCGP6	R_A3_BE
553860.00	4180920.00	1.60E+01	1.8	SRCGP6	R_A3_BE
553820.00	4180940.00	2.51E+01	1.8	SRCGP6	R_A3_BE
553840.00	4180940.00	1.71E+01	1.8	SRCGP6	R_A3_BE
553860.00	4180940.00	1.33E+01	1.8	SRCGP6	R_A3_BE
553820.00	4181040.00	2.07E+01	1.8	SRCGP6	R_A3_BF
553840.00	4181040.00	1.39E+01	1.8	SRCGP6	R_A3_BF
553860.00	4181040.00	1.04E+01	1.8	SRCGP6	R_A3_BF
553820.00	4181060.00	2.00E+01	1.8	SRCGP6	R_A3_BF
553840.00	4181060.00	1.34E+01	1.8	SRCGP6	R_A3_BF
553860.00	4181060.00	1.00E+01	1.8	SRCGP6	R_A3_BF
553800.00	4180960.00	5.21E+01	1.8	SRCGP6	R_A3_SQ
553820.00	4180960.00	2.38E+01	1.8	SRCGP6	R_A3_SQ
553840.00	4180960.00	1.59E+01	1.8	SRCGP6	R_A3_SQ
553860.00	4180960.00	1.21E+01	1.8	SRCGP6	R_A3_SQ
553800.00	4180980.00	4.94E+01	1.8	SRCGP6	R_A3_SQ
553820.00	4180980.00	2.29E+01	1.8	SRCGP6	R_A3_SQ
553840.00	4180980.00	1.52E+01	1.8	SRCGP6	R_A3_SQ
553860.00	4180980.00	1.15E+01	1.8	SRCGP6	R_A3_SQ
553800.00	4181000.00	4.68E+01	1.8	SRCGP6	R_A3_SQ
553820.00	4181000.00	2.21E+01	1.8	SRCGP6	R_A3_SQ
553840.00	4181000.00	1.47E+01	1.8	SRCGP6	R_A3_SQ



553860.00	4181000.00	1.10E+01	1.8	SRCGP6	R_A3_SQ
553800.00	4181020.00	4.45E+01	1.8	SRCGP6	R_A3_SQ
553820.00	4181020.00	2.14E+01	1.8	SRCGP6	R_A3_SQ
553840.00	4181020.00	1.43E+01	1.8	SRCGP6	R_A3_SQ
553860.00	4181020.00	1.07E+01	1.8	SRCGP6	R_A3_SQ
553900.00	4180920.00	1.17E+01	1.8	SRCGP6	R_A4_BI
553920.00	4180920.00	9.81E+00	1.8	SRCGP6	R_A4_BI
553900.00	4180940.00	9.57E+00	1.8	SRCGP6	R_A4_BI
553920.00	4180940.00	8.28E+00	1.8	SRCGP6	R_A4_BI
553900.00	4180960.00	8.46E+00	1.8	SRCGP6	R_A4_BI
553920.00	4180960.00	7.34E+00	1.8	SRCGP6	R_A4_BI
553900.00	4181000.00	7.40E+00	1.8	SRCGP6	R_A4_BJ
553920.00	4181000.00	6.35E+00	1.8	SRCGP6	R_A4_BJ
553900.00	4181020.00	7.09E+00	1.8	SRCGP6	R_A4_BJ
553920.00	4181020.00	6.06E+00	1.8	SRCGP6	R_A4_BJ
553900.00	4181040.00	6.82E+00	1.8	SRCGP6	R_A4_BJ
553920.00	4181040.00	5.80E+00	1.8	SRCGP6	R_A4_BJ
553900.00	4181060.00	6.54E+00	1.8	SRCGP6	R_A4_BJ
553920.00	4181060.00	5.54E+00	1.8	SRCGP6	R_A4_BJ
553900.00	4181000.00	7.40E+00	1.8	SRCGP6	R_A4_BJ
553920.00	4181000.00	6.35E+00	1.8	SRCGP6	R_A4_BJ
553900.00	4180980.00	7.82E+00	1.8	SRCGP6	R_A4_CL
553920.00	4180980.00	6.75E+00	1.8	SRCGP6	R_A4_CL
553940.00	4180980.00	5.90E+00	1.8	SRCGP6	R_A4_CL
553880.00	4181000.00	8.86E+00	1.8	SRCGP6	R_A4_CL
553940.00	4181000.00	5.54E+00	1.8	SRCGP6	R_A4_CL
553940.00	4181080.00	4.50E+00	1.8	SRCGP6	R_A4_CL
553880.00	4180980.00	9.28E+00	1.8	SRCGP6	R_A4_CL
553600.00	4181380.00	4.81E-01	1.8	SRCGP6	R_ATT
553600.00	4181400.00	4.36E-01	1.8	SRCGP6	R_ATT
553620.00	4181340.00	6.03E-01	1.8	SRCGP6	R_ATT
553620.00	4181360.00	5.39E-01	1.8	SRCGP6	R_ATT
553620.00	4181380.00	4.83E-01	1.8	SRCGP6	R_ATT
553620.00	4181400.00	4.36E-01	1.8	SRCGP6	R_ATT
553620.00	4181420.00	3.95E-01	1.8	SRCGP6	R_ATT
553640.00	4181340.00	6.09E-01	1.8	SRCGP6	R_ATT
553640.00	4181320.00	6.91E-01	1.8	SRCGP6	R_ATT
553640.00	4181360.00	5.41E-01	1.8	SRCGP6	R_ATT
553640.00	4181380.00	4.82E-01	1.8	SRCGP6	R_ATT
553640.00	4181400.00	4.33E-01	1.8	SRCGP6	R_ATT
553640.00	4181420.00	3.91E-01	1.8	SRCGP6	R_ATT
553640.00	4181440.00	3.54E-01	1.8	SRCGP6	R_ATT
553660.00	4181320.00	6.98E-01	1.8	SRCGP6	R_ATT
553660.00	4181340.00	6.10E-01	1.8	SRCGP6	R_ATT
553660.00	4181360.00	5.38E-01	1.8	SRCGP6	R_ATT
553660.00	4181380.00	4.77E-01	1.8	SRCGP6	R_ATT
553660.00	4181400.00	4.27E-01	1.8	SRCGP6	R_ATT

553660.00	4181420.00	3.84E-01	1.8	SRCGP6	R_ATT
553660.00	4181440.00	3.47E-01	1.8	SRCGP6	R_ATT
553660.00	4181460.00	3.16E-01	1.8	SRCGP6	R_ATT
553680.00	4181360.00	5.29E-01	1.8	SRCGP6	R_ATT
553680.00	4181380.00	4.68E-01	1.8	SRCGP6	R_ATT
553680.00	4181400.00	4.17E-01	1.8	SRCGP6	R_ATT
553680.00	4181420.00	3.74E-01	1.8	SRCGP6	R_ATT
553680.00	4181440.00	3.38E-01	1.8	SRCGP6	R_ATT
553680.00	4181460.00	3.07E-01	1.8	SRCGP6	R_ATT
553680.00	4181480.00	2.80E-01	1.8	SRCGP6	R_ATT
553680.00	4181340.00	6.04E-01	1.8	SRCGP6	R_ATT
553680.00	4181320.00	6.97E-01	1.8	SRCGP6	R_ATT
553700.00	4181360.00	5.16E-01	1.8	SRCGP6	R_ATT
553700.00	4181380.00	4.55E-01	1.8	SRCGP6	R_ATT
553700.00	4181400.00	4.05E-01	1.8	SRCGP6	R_ATT
553700.00	4181420.00	3.63E-01	1.8	SRCGP6	R_ATT
553700.00	4181440.00	3.27E-01	1.8	SRCGP6	R_ATT
553700.00	4181460.00	2.97E-01	1.8	SRCGP6	R_ATT
553700.00	4181480.00	2.71E-01	1.8	SRCGP6	R_ATT
553700.00	4181500.00	2.49E-01	1.8	SRCGP6	R_ATT
553700.00	4181340.00	5.92E-01	1.8	SRCGP6	R_ATT
553700.00	4181320.00	6.86E-01	1.8	SRCGP6	R_ATT
553720.00	4181360.00	4.99E-01	1.8	SRCGP6	R_ATT
553720.00	4181380.00	4.40E-01	1.8	SRCGP6	R_ATT
553720.00	4181400.00	3.91E-01	1.8	SRCGP6	R_ATT
553720.00	4181420.00	3.50E-01	1.8	SRCGP6	R_ATT
553720.00	4181440.00	3.16E-01	1.8	SRCGP6	R_ATT
553720.00	4181460.00	2.87E-01	1.8	SRCGP6	R_ATT
553720.00	4181480.00	2.62E-01	1.8	SRCGP6	R_ATT
553720.00	4181500.00	2.40E-01	1.8	SRCGP6	R_ATT
553720.00	4181520.00	2.21E-01	1.8	SRCGP6	R_ATT
553720.00	4181340.00	5.74E-01	1.8	SRCGP6	R_ATT
553720.00	4181320.00	6.69E-01	1.8	SRCGP6	R_ATT
553740.00	4181360.00	4.82E-01	1.8	SRCGP6	R_ATT
553740.00	4181380.00	4.24E-01	1.8	SRCGP6	R_ATT
553740.00	4181400.00	3.77E-01	1.8	SRCGP6	R_ATT
553740.00	4181420.00	3.38E-01	1.8	SRCGP6	R_ATT
553740.00	4181440.00	3.05E-01	1.8	SRCGP6	R_ATT
553740.00	4181460.00	2.77E-01	1.8	SRCGP6	R_ATT
553740.00	4181480.00	2.53E-01	1.8	SRCGP6	R_ATT
553740.00	4181500.00	2.33E-01	1.8	SRCGP6	R_ATT
553740.00	4181520.00	2.14E-01	1.8	SRCGP6	R_ATT
553740.00	4181340.00	5.55E-01	1.8	SRCGP6	R_ATT
553740.00	4181320.00	6.48E-01	1.8	SRCGP6	R_ATT
553760.00	4181360.00	4.68E-01	1.8	SRCGP6	R_ATT
553760.00	4181380.00	4.11E-01	1.8	SRCGP6	R_ATT
553760.00	4181400.00	3.66E-01	1.8	SRCGP6	R_ATT

553760.00	4181420.00	3.28E-01	1.8	SRCGP6	R_ATT
553760.00	4181440.00	2.96E-01	1.8	SRCGP6	R_ATT
553760.00	4181460.00	2.69E-01	1.8	SRCGP6	R_ATT
553760.00	4181480.00	2.46E-01	1.8	SRCGP6	R_ATT
553760.00	4181500.00	2.26E-01	1.8	SRCGP6	R_ATT
553760.00	4181520.00	2.09E-01	1.8	SRCGP6	R_ATT
553760.00	4181340.00	5.39E-01	1.8	SRCGP6	R_ATT
553760.00	4181320.00	6.31E-01	1.8	SRCGP6	R_ATT
553780.00	4181360.00	4.59E-01	1.8	SRCGP6	R_ATT
553780.00	4181380.00	4.03E-01	1.8	SRCGP6	R_ATT
553780.00	4181400.00	3.58E-01	1.8	SRCGP6	R_ATT
553780.00	4181420.00	3.21E-01	1.8	SRCGP6	R_ATT
553780.00	4181440.00	2.90E-01	1.8	SRCGP6	R_ATT
553780.00	4181460.00	2.64E-01	1.8	SRCGP6	R_ATT
553780.00	4181480.00	2.41E-01	1.8	SRCGP6	R_ATT
553780.00	4181500.00	2.21E-01	1.8	SRCGP6	R_ATT
553780.00	4181520.00	2.04E-01	1.8	SRCGP6	R_ATT
553780.00	4181340.00	5.30E-01	1.8	SRCGP6	R_ATT
553800.00	4181360.00	4.58E-01	1.8	SRCGP6	R_ATT
553800.00	4181380.00	4.01E-01	1.8	SRCGP6	R_ATT
553800.00	4181400.00	3.56E-01	1.8	SRCGP6	R_ATT
553800.00	4181420.00	3.18E-01	1.8	SRCGP6	R_ATT
553800.00	4181440.00	2.87E-01	1.8	SRCGP6	R_ATT
553800.00	4181460.00	2.61E-01	1.8	SRCGP6	R_ATT
553800.00	4181480.00	2.38E-01	1.8	SRCGP6	R_ATT
553800.00	4181500.00	2.19E-01	1.8	SRCGP6	R_ATT
553800.00	4181520.00	2.02E-01	1.8	SRCGP6	R_ATT
553820.00	4181360.00	4.65E-01	1.8	SRCGP6	R_ATT
553820.00	4181380.00	4.05E-01	1.8	SRCGP6	R_ATT
553820.00	4181400.00	3.58E-01	1.8	SRCGP6	R_ATT
553820.00	4181420.00	3.19E-01	1.8	SRCGP6	R_ATT
553820.00	4181440.00	2.87E-01	1.8	SRCGP6	R_ATT
553820.00	4181460.00	2.60E-01	1.8	SRCGP6	R_ATT
553820.00	4181480.00	2.38E-01	1.8	SRCGP6	R_ATT
553820.00	4181500.00	2.18E-01	1.8	SRCGP6	R_ATT
553820.00	4181520.00	2.01E-01	1.8	SRCGP6	R_ATT
553840.00	4181360.00	4.76E-01	1.8	SRCGP6	R_ATT
553840.00	4181380.00	4.13E-01	1.8	SRCGP6	R_ATT
553840.00	4181400.00	3.64E-01	1.8	SRCGP6	R_ATT
553840.00	4181420.00	3.24E-01	1.8	SRCGP6	R_ATT
553840.00	4181440.00	2.90E-01	1.8	SRCGP6	R_ATT
553840.00	4181460.00	2.63E-01	1.8	SRCGP6	R_ATT
553840.00	4181480.00	2.39E-01	1.8	SRCGP6	R_ATT
553840.00	4181500.00	2.19E-01	1.8	SRCGP6	R_ATT
553840.00	4181520.00	2.02E-01	1.8	SRCGP6	R_ATT
553920.00	4180820.00	1.23E+01	1.8	SRCGP6	R_B4_BH
553940.00	4180820.00	8.73E+00	1.8	SRCGP6	R_B4_BH

553920.00	4180840.00	1.52E+01	1.8	SRCGP6	R_B4_BH
553940.00	4180840.00	1.03E+01	1.8	SRCGP6	R_B4_BH
553900.00	4180860.00	2.76E+01	1.8	SRCGP6	R_B4_BH
553920.00	4180860.00	1.59E+01	1.8	SRCGP6	R_B4_BH
553940.00	4180860.00	1.09E+01	1.8	SRCGP6	R_B4_BH
553900.00	4180880.00	2.36E+01	1.8	SRCGP6	R_B4_BH
553920.00	4180880.00	1.46E+01	1.8	SRCGP6	R_B4_BH
553960.00	4181040.00	4.39E+00	1.8	SRCGP6	R_PIER48
553980.00	4181040.00	3.89E+00	1.8	SRCGP6	R_PIER48
554000.00	4181040.00	3.48E+00	1.8	SRCGP6	R_PIER48
553960.00	4181060.00	4.17E+00	1.8	SRCGP6	R_PIER48
553980.00	4181060.00	3.69E+00	1.8	SRCGP6	R_PIER48
554000.00	4181060.00	3.29E+00	1.8	SRCGP6	R_PIER48
554020.00	4181060.00	2.96E+00	1.8	SRCGP6	R_PIER48
554040.00	4181060.00	2.68E+00	1.8	SRCGP6	R_PIER48
554060.00	4181060.00	2.43E+00	1.8	SRCGP6	R_PIER48
554080.00	4181060.00	2.22E+00	1.8	SRCGP6	R_PIER48
554100.00	4181060.00	2.03E+00	1.8	SRCGP6	R_PIER48
554120.00	4181060.00	1.87E+00	1.8	SRCGP6	R_PIER48
554140.00	4181060.00	1.72E+00	1.8	SRCGP6	R_PIER48
554160.00	4181060.00	1.59E+00	1.8	SRCGP6	R_PIER48
553960.00	4181080.00	3.92E+00	1.8	SRCGP6	R_PIER48
553980.00	4181080.00	3.46E+00	1.8	SRCGP6	R_PIER48
554000.00	4181080.00	3.09E+00	1.8	SRCGP6	R_PIER48
554020.00	4181080.00	2.78E+00	1.8	SRCGP6	R_PIER48
554040.00	4181080.00	2.52E+00	1.8	SRCGP6	R_PIER48
554060.00	4181080.00	2.30E+00	1.8	SRCGP6	R_PIER48
554080.00	4181080.00	2.10E+00	1.8	SRCGP6	R_PIER48
554100.00	4181080.00	1.92E+00	1.8	SRCGP6	R_PIER48
554120.00	4181080.00	1.77E+00	1.8	SRCGP6	R_PIER48
554140.00	4181080.00	1.63E+00	1.8	SRCGP6	R_PIER48
554160.00	4181080.00	1.51E+00	1.8	SRCGP6	R_PIER48
553960.00	4181100.00	3.65E+00	1.8	SRCGP6	R_PIER48
553980.00	4181100.00	3.22E+00	1.8	SRCGP6	R_PIER48
554000.00	4181100.00	2.88E+00	1.8	SRCGP6	R_PIER48
554020.00	4181100.00	2.59E+00	1.8	SRCGP6	R_PIER48
554040.00	4181100.00	2.35E+00	1.8	SRCGP6	R_PIER48
554060.00	4181100.00	2.15E+00	1.8	SRCGP6	R_PIER48
554080.00	4181100.00	1.97E+00	1.8	SRCGP6	R_PIER48
554100.00	4181100.00	1.81E+00	1.8	SRCGP6	R_PIER48
554120.00	4181100.00	1.67E+00	1.8	SRCGP6	R_PIER48
554140.00	4181100.00	1.54E+00	1.8	SRCGP6	R_PIER48
554160.00	4181100.00	1.43E+00	1.8	SRCGP6	R_PIER48
553960.00	4181120.00	3.34E+00	1.8	SRCGP6	R_PIER48
553980.00	4181120.00	2.96E+00	1.8	SRCGP6	R_PIER48
554000.00	4181120.00	2.65E+00	1.8	SRCGP6	R_PIER48
554020.00	4181120.00	2.39E+00	1.8	SRCGP6	R_PIER48

554040.00	4181120.00	2.18E+00	1.8	SRCGP6	R_PIER48
554060.00	4181120.00	1.99E+00	1.8	SRCGP6	R_PIER48
554080.00	4181120.00	1.83E+00	1.8	SRCGP6	R_PIER48
554100.00	4181120.00	1.69E+00	1.8	SRCGP6	R_PIER48
554120.00	4181120.00	1.56E+00	1.8	SRCGP6	R_PIER48
554140.00	4181120.00	1.45E+00	1.8	SRCGP6	R_PIER48
553940.00	4181140.00	3.42E+00	1.8	SRCGP6	R_PIER48
553960.00	4181140.00	3.00E+00	1.8	SRCGP6	R_PIER48
553980.00	4181140.00	2.67E+00	1.8	SRCGP6	R_PIER48
554000.00	4181140.00	2.41E+00	1.8	SRCGP6	R_PIER48
554020.00	4181140.00	2.18E+00	1.8	SRCGP6	R_PIER48
554040.00	4181140.00	2.00E+00	1.8	SRCGP6	R_PIER48
554060.00	4181140.00	1.83E+00	1.8	SRCGP6	R_PIER48
554080.00	4181140.00	1.69E+00	1.8	SRCGP6	R_PIER48
554100.00	4181140.00	1.57E+00	1.8	SRCGP6	R_PIER48
554120.00	4181140.00	1.45E+00	1.8	SRCGP6	R_PIER48
554140.00	4181140.00	1.35E+00	1.8	SRCGP6	R_PIER48
554040.00	4181160.00	1.81E+00	1.8	SRCGP6	R_PIER48
554060.00	4181160.00	1.67E+00	1.8	SRCGP6	R_PIER48
554080.00	4181160.00	1.55E+00	1.8	SRCGP6	R_PIER48
554100.00	4181160.00	1.44E+00	1.8	SRCGP6	R_PIER48
554120.00	4181160.00	1.34E+00	1.8	SRCGP6	R_PIER48
554140.00	4181160.00	1.25E+00	1.8	SRCGP6	R_PIER48
553980.00	4180780.00	3.54E+00	1.8	SRCGP6	R_PIER50
553980.00	4180800.00	4.48E+00	1.8	SRCGP6	R_PIER50
553980.00	4180820.00	5.38E+00	1.8	SRCGP6	R_PIER50
553980.00	4180840.00	6.05E+00	1.8	SRCGP6	R_PIER50
553980.00	4180860.00	6.39E+00	1.8	SRCGP6	R_PIER50
553980.00	4180880.00	6.38E+00	1.8	SRCGP6	R_PIER50
553980.00	4180900.00	6.12E+00	1.8	SRCGP6	R_PIER50
553980.00	4180920.00	5.72E+00	1.8	SRCGP6	R_PIER50
553980.00	4180940.00	5.29E+00	1.8	SRCGP6	R_PIER50
553980.00	4180960.00	4.91E+00	1.8	SRCGP6	R_PIER50
554000.00	4180720.00	1.44E+00	1.8	SRCGP6	R_PIER50
554000.00	4180740.00	1.88E+00	1.8	SRCGP6	R_PIER50
554000.00	4180760.00	2.44E+00	1.8	SRCGP6	R_PIER50
554000.00	4180780.00	3.10E+00	1.8	SRCGP6	R_PIER50
554000.00	4180800.00	3.80E+00	1.8	SRCGP6	R_PIER50
554000.00	4180820.00	4.45E+00	1.8	SRCGP6	R_PIER50
554000.00	4180840.00	4.94E+00	1.8	SRCGP6	R_PIER50
554000.00	4180860.00	5.21E+00	1.8	SRCGP6	R_PIER50
554000.00	4180880.00	5.25E+00	1.8	SRCGP6	R_PIER50
554000.00	4180900.00	5.12E+00	1.8	SRCGP6	R_PIER50
554000.00	4180920.00	4.88E+00	1.8	SRCGP6	R_PIER50
554000.00	4180940.00	4.60E+00	1.8	SRCGP6	R_PIER50
554000.00	4180960.00	4.33E+00	1.8	SRCGP6	R_PIER50
554020.00	4180840.00	4.13E+00	1.8	SRCGP6	R_PIER50

554020.00	4180860.00	4.36E+00	1.8	SRCGP6	R_PIER50
554020.00	4180880.00	4.42E+00	1.8	SRCGP6	R_PIER50
554020.00	4180900.00	4.36E+00	1.8	SRCGP6	R_PIER50
554020.00	4180920.00	4.21E+00	1.8	SRCGP6	R_PIER50
554020.00	4180940.00	4.03E+00	1.8	SRCGP6	R_PIER50
554020.00	4180960.00	3.83E+00	1.8	SRCGP6	R_PIER50
554040.00	4180840.00	3.53E+00	1.8	SRCGP6	R_PIER50
554040.00	4180860.00	3.71E+00	1.8	SRCGP6	R_PIER50
554040.00	4180880.00	3.78E+00	1.8	SRCGP6	R_PIER50
554040.00	4180900.00	3.76E+00	1.8	SRCGP6	R_PIER50
554040.00	4180920.00	3.67E+00	1.8	SRCGP6	R_PIER50
554040.00	4180940.00	3.55E+00	1.8	SRCGP6	R_PIER50
554040.00	4180960.00	3.41E+00	1.8	SRCGP6	R_PIER50
554060.00	4180840.00	3.05E+00	1.8	SRCGP6	R_PIER50
554060.00	4180860.00	3.21E+00	1.8	SRCGP6	R_PIER50
554060.00	4180880.00	3.28E+00	1.8	SRCGP6	R_PIER50
554060.00	4180900.00	3.28E+00	1.8	SRCGP6	R_PIER50
554060.00	4180920.00	3.23E+00	1.8	SRCGP6	R_PIER50
554060.00	4180940.00	3.15E+00	1.8	SRCGP6	R_PIER50
554060.00	4180960.00	3.04E+00	1.8	SRCGP6	R_PIER50
554080.00	4180840.00	2.68E+00	1.8	SRCGP6	R_PIER50
554080.00	4180860.00	2.81E+00	1.8	SRCGP6	R_PIER50
554080.00	4180880.00	2.88E+00	1.8	SRCGP6	R_PIER50
554080.00	4180900.00	2.90E+00	1.8	SRCGP6	R_PIER50
554080.00	4180920.00	2.87E+00	1.8	SRCGP6	R_PIER50
554080.00	4180940.00	2.81E+00	1.8	SRCGP6	R_PIER50
554080.00	4180960.00	2.74E+00	1.8	SRCGP6	R_PIER50
554100.00	4180840.00	2.37E+00	1.8	SRCGP6	R_PIER50
554100.00	4180860.00	2.49E+00	1.8	SRCGP6	R_PIER50
554100.00	4180880.00	2.56E+00	1.8	SRCGP6	R_PIER50
554100.00	4180900.00	2.58E+00	1.8	SRCGP6	R_PIER50
554100.00	4180920.00	2.57E+00	1.8	SRCGP6	R_PIER50
554100.00	4180940.00	2.53E+00	1.8	SRCGP6	R_PIER50
554100.00	4180960.00	2.47E+00	1.8	SRCGP6	R_PIER50
554120.00	4180840.00	2.12E+00	1.8	SRCGP6	R_PIER50
554120.00	4180860.00	2.23E+00	1.8	SRCGP6	R_PIER50
554120.00	4180880.00	2.29E+00	1.8	SRCGP6	R_PIER50
554120.00	4180900.00	2.32E+00	1.8	SRCGP6	R_PIER50
554120.00	4180920.00	2.31E+00	1.8	SRCGP6	R_PIER50
554120.00	4180940.00	2.29E+00	1.8	SRCGP6	R_PIER50
554120.00	4180960.00	2.24E+00	1.8	SRCGP6	R_PIER50
554140.00	4180840.00	1.92E+00	1.8	SRCGP6	R_PIER50
554140.00	4180860.00	2.00E+00	1.8	SRCGP6	R_PIER50
554140.00	4180880.00	2.06E+00	1.8	SRCGP6	R_PIER50
554140.00	4180900.00	2.09E+00	1.8	SRCGP6	R_PIER50
554140.00	4180920.00	2.10E+00	1.8	SRCGP6	R_PIER50
554140.00	4180940.00	2.08E+00	1.8	SRCGP6	R_PIER50

554140.00	4180960.00	2.04E+00	1.8	SRCGP6	R_PIER50
554160.00	4180840.00	1.74E+00	1.8	SRCGP6	R_PIER50
554160.00	4180860.00	1.82E+00	1.8	SRCGP6	R_PIER50
554160.00	4180880.00	1.87E+00	1.8	SRCGP6	R_PIER50
554160.00	4180900.00	1.90E+00	1.8	SRCGP6	R_PIER50
554160.00	4180920.00	1.91E+00	1.8	SRCGP6	R_PIER50
554160.00	4180940.00	1.90E+00	1.8	SRCGP6	R_PIER50
554160.00	4180960.00	1.87E+00	1.8	SRCGP6	R_PIER50
554180.00	4180840.00	1.59E+00	1.8	SRCGP6	R_PIER50
554180.00	4180860.00	1.66E+00	1.8	SRCGP6	R_PIER50
554180.00	4180880.00	1.70E+00	1.8	SRCGP6	R_PIER50
554180.00	4180900.00	1.73E+00	1.8	SRCGP6	R_PIER50
554180.00	4180920.00	1.74E+00	1.8	SRCGP6	R_PIER50
554180.00	4180940.00	1.74E+00	1.8	SRCGP6	R_PIER50
554180.00	4180960.00	1.71E+00	1.8	SRCGP6	R_PIER50
554200.00	4180840.00	1.46E+00	1.8	SRCGP6	R_PIER50
554200.00	4180860.00	1.52E+00	1.8	SRCGP6	R_PIER50
554200.00	4180880.00	1.56E+00	1.8	SRCGP6	R_PIER50
554200.00	4180900.00	1.59E+00	1.8	SRCGP6	R_PIER50
554200.00	4180920.00	1.60E+00	1.8	SRCGP6	R_PIER50
554200.00	4180940.00	1.60E+00	1.8	SRCGP6	R_PIER50
554200.00	4180960.00	1.58E+00	1.8	SRCGP6	R_PIER50
554220.00	4180840.00	1.34E+00	1.8	SRCGP6	R_PIER50
554220.00	4180860.00	1.40E+00	1.8	SRCGP6	R_PIER50
554220.00	4180880.00	1.44E+00	1.8	SRCGP6	R_PIER50
554220.00	4180900.00	1.46E+00	1.8	SRCGP6	R_PIER50
554220.00	4180920.00	1.47E+00	1.8	SRCGP6	R_PIER50
554220.00	4180940.00	1.47E+00	1.8	SRCGP6	R_PIER50
554220.00	4180960.00	1.46E+00	1.8	SRCGP6	R_PIER50
554240.00	4180820.00	1.18E+00	1.8	SRCGP6	R_PIER50
554240.00	4180840.00	1.24E+00	1.8	SRCGP6	R_PIER50
554240.00	4180860.00	1.29E+00	1.8	SRCGP6	R_PIER50
554240.00	4180880.00	1.33E+00	1.8	SRCGP6	R_PIER50
554240.00	4180900.00	1.35E+00	1.8	SRCGP6	R_PIER50
554240.00	4180920.00	1.36E+00	1.8	SRCGP6	R_PIER50
554240.00	4180940.00	1.36E+00	1.8	SRCGP6	R_PIER50
554240.00	4180960.00	1.35E+00	1.8	SRCGP6	R_PIER50
554260.00	4180820.00	1.10E+00	1.8	SRCGP6	R_PIER50
554260.00	4180840.00	1.15E+00	1.8	SRCGP6	R_PIER50
554260.00	4180860.00	1.20E+00	1.8	SRCGP6	R_PIER50
554260.00	4180880.00	1.23E+00	1.8	SRCGP6	R_PIER50
554260.00	4180900.00	1.25E+00	1.8	SRCGP6	R_PIER50
554260.00	4180920.00	1.26E+00	1.8	SRCGP6	R_PIER50
554260.00	4180940.00	1.26E+00	1.8	SRCGP6	R_PIER50
554260.00	4180960.00	1.25E+00	1.8	SRCGP6	R_PIER50
554280.00	4180800.00	9.68E-01	1.8	SRCGP6	R_PIER50
554280.00	4180820.00	1.02E+00	1.8	SRCGP6	R_PIER50

554280.00	4180840.00	1.07E+00	1.8	SRCGP6	R_PIER50
554280.00	4180860.00	1.11E+00	1.8	SRCGP6	R_PIER50
554280.00	4180880.00	1.14E+00	1.8	SRCGP6	R_PIER50
554280.00	4180900.00	1.16E+00	1.8	SRCGP6	R_PIER50
554280.00	4180920.00	1.17E+00	1.8	SRCGP6	R_PIER50
554280.00	4180940.00	1.18E+00	1.8	SRCGP6	R_PIER50
554280.00	4180960.00	1.17E+00	1.8	SRCGP6	R_PIER50
554300.00	4180780.00	8.53E-01	1.8	SRCGP6	R_PIER50
554300.00	4180800.00	9.08E-01	1.8	SRCGP6	R_PIER50
554300.00	4180820.00	9.58E-01	1.8	SRCGP6	R_PIER50
554300.00	4180840.00	1.00E+00	1.8	SRCGP6	R_PIER50
554300.00	4180860.00	1.04E+00	1.8	SRCGP6	R_PIER50
554300.00	4180880.00	1.06E+00	1.8	SRCGP6	R_PIER50
554300.00	4180900.00	1.08E+00	1.8	SRCGP6	R_PIER50
554300.00	4180920.00	1.09E+00	1.8	SRCGP6	R_PIER50
554300.00	4180940.00	1.10E+00	1.8	SRCGP6	R_PIER50
554300.00	4180960.00	1.09E+00	1.8	SRCGP6	R_PIER50
554320.00	4180780.00	8.04E-01	1.8	SRCGP6	R_PIER50
554320.00	4180800.00	8.54E-01	1.8	SRCGP6	R_PIER50
554320.00	4180820.00	8.99E-01	1.8	SRCGP6	R_PIER50
554320.00	4180840.00	9.38E-01	1.8	SRCGP6	R_PIER50
554320.00	4180860.00	9.70E-01	1.8	SRCGP6	R_PIER50
554320.00	4180880.00	9.95E-01	1.8	SRCGP6	R_PIER50
554320.00	4180900.00	1.01E+00	1.8	SRCGP6	R_PIER50
554320.00	4180920.00	1.02E+00	1.8	SRCGP6	R_PIER50
554320.00	4180940.00	1.02E+00	1.8	SRCGP6	R_PIER50
554320.00	4180960.00	1.02E+00	1.8	SRCGP6	R_PIER50
554340.00	4180760.00	7.12E-01	1.8	SRCGP6	R_PIER50
554340.00	4180780.00	7.60E-01	1.8	SRCGP6	R_PIER50
554340.00	4180800.00	8.04E-01	1.8	SRCGP6	R_PIER50
554340.00	4180820.00	8.45E-01	1.8	SRCGP6	R_PIER50
554340.00	4180840.00	8.80E-01	1.8	SRCGP6	R_PIER50
554340.00	4180860.00	9.09E-01	1.8	SRCGP6	R_PIER50
554340.00	4180880.00	9.32E-01	1.8	SRCGP6	R_PIER50
554340.00	4180900.00	9.48E-01	1.8	SRCGP6	R_PIER50
554340.00	4180920.00	9.57E-01	1.8	SRCGP6	R_PIER50
554340.00	4180940.00	9.60E-01	1.8	SRCGP6	R_PIER50
554340.00	4180960.00	9.56E-01	1.8	SRCGP6	R_PIER50
554360.00	4180760.00	6.76E-01	1.8	SRCGP6	R_PIER50
554360.00	4180780.00	7.19E-01	1.8	SRCGP6	R_PIER50
554360.00	4180800.00	7.59E-01	1.8	SRCGP6	R_PIER50
554360.00	4180820.00	7.96E-01	1.8	SRCGP6	R_PIER50
554360.00	4180840.00	8.28E-01	1.8	SRCGP6	R_PIER50
554360.00	4180860.00	8.54E-01	1.8	SRCGP6	R_PIER50
554360.00	4180880.00	8.75E-01	1.8	SRCGP6	R_PIER50
554360.00	4180900.00	8.90E-01	1.8	SRCGP6	R_PIER50
554360.00	4180920.00	8.98E-01	1.8	SRCGP6	R_PIER50



554360.00	4180940.00	9.01E-01	1.8	SRCGP6	R_PIER50
554360.00	4180960.00	8.97E-01	1.8	SRCGP6	R_PIER50
554380.00	4180740.00	6.01E-01	1.8	SRCGP6	R_PIER50
554380.00	4180760.00	6.42E-01	1.8	SRCGP6	R_PIER50
554380.00	4180780.00	6.81E-01	1.8	SRCGP6	R_PIER50
554380.00	4180800.00	7.18E-01	1.8	SRCGP6	R_PIER50
554380.00	4180820.00	7.51E-01	1.8	SRCGP6	R_PIER50
554380.00	4180840.00	7.80E-01	1.8	SRCGP6	R_PIER50
554380.00	4180860.00	8.04E-01	1.8	SRCGP6	R_PIER50
554380.00	4180880.00	8.23E-01	1.8	SRCGP6	R_PIER50
554380.00	4180900.00	8.36E-01	1.8	SRCGP6	R_PIER50
554380.00	4180920.00	8.44E-01	1.8	SRCGP6	R_PIER50
554380.00	4180940.00	8.47E-01	1.8	SRCGP6	R_PIER50
554380.00	4180960.00	8.44E-01	1.8	SRCGP6	R_PIER50
554400.00	4180740.00	5.74E-01	1.8	SRCGP6	R_PIER50
554400.00	4180760.00	6.11E-01	1.8	SRCGP6	R_PIER50
554400.00	4180780.00	6.47E-01	1.8	SRCGP6	R_PIER50
554400.00	4180800.00	6.80E-01	1.8	SRCGP6	R_PIER50
554400.00	4180820.00	7.10E-01	1.8	SRCGP6	R_PIER50
554400.00	4180840.00	7.36E-01	1.8	SRCGP6	R_PIER50
554400.00	4180860.00	7.58E-01	1.8	SRCGP6	R_PIER50
554400.00	4180880.00	7.75E-01	1.8	SRCGP6	R_PIER50
554400.00	4180900.00	7.88E-01	1.8	SRCGP6	R_PIER50
554400.00	4180920.00	7.95E-01	1.8	SRCGP6	R_PIER50
554400.00	4180940.00	7.98E-01	1.8	SRCGP6	R_PIER50
554400.00	4180960.00	7.95E-01	1.8	SRCGP6	R_PIER50
554420.00	4180720.00	5.13E-01	1.8	SRCGP6	R_PIER50
554420.00	4180740.00	5.48E-01	1.8	SRCGP6	R_PIER50
554420.00	4180760.00	5.82E-01	1.8	SRCGP6	R_PIER50
554420.00	4180780.00	6.15E-01	1.8	SRCGP6	R_PIER50
554420.00	4180800.00	6.45E-01	1.8	SRCGP6	R_PIER50
554420.00	4180820.00	6.72E-01	1.8	SRCGP6	R_PIER50
554420.00	4180840.00	6.96E-01	1.8	SRCGP6	R_PIER50
554420.00	4180860.00	7.16E-01	1.8	SRCGP6	R_PIER50
554420.00	4180880.00	7.32E-01	1.8	SRCGP6	R_PIER50
554420.00	4180900.00	7.43E-01	1.8	SRCGP6	R_PIER50
554420.00	4180920.00	7.50E-01	1.8	SRCGP6	R_PIER50
554420.00	4180940.00	7.53E-01	1.8	SRCGP6	R_PIER50
554420.00	4180960.00	7.51E-01	1.8	SRCGP6	R_PIER50
554440.00	4180720.00	4.92E-01	1.8	SRCGP6	R_PIER50
554440.00	4180740.00	5.24E-01	1.8	SRCGP6	R_PIER50
554440.00	4180760.00	5.56E-01	1.8	SRCGP6	R_PIER50
554440.00	4180780.00	5.85E-01	1.8	SRCGP6	R_PIER50
554440.00	4180800.00	6.13E-01	1.8	SRCGP6	R_PIER50
554440.00	4180820.00	6.38E-01	1.8	SRCGP6	R_PIER50
554440.00	4180840.00	6.59E-01	1.8	SRCGP6	R_PIER50
554440.00	4180860.00	6.77E-01	1.8	SRCGP6	R_PIER50

554440.00	4180880.00	6.92E-01	1.8	SRCGP6	R_PIER50
554440.00	4180900.00	7.02E-01	1.8	SRCGP6	R_PIER50
554440.00	4180920.00	7.09E-01	1.8	SRCGP6	R_PIER50
554440.00	4180940.00	7.11E-01	1.8	SRCGP6	R_PIER50
554440.00	4180960.00	7.10E-01	1.8	SRCGP6	R_PIER50
553680.00	4180480.00	4.89E-01	1.8	SRCGP6	Sensitive
553360.00	4181000.00	7.31E-01	1.8	SRCGP6	Sensitive
553160.00	4180800.00	4.56E-01	1.8	SRCGP6	Sensitive
552940.00	4180980.00	2.06E-01	1.8	SRCGP6	Sensitive
553440.00	4180240.00	2.16E-01	1.8	SRCGP6	Sensitive
553920.00	4180800.00	8.50E+00	1.8	SRCGP6	Sensitive
553400.00	4180440.00	3.79E-01	1.8	SRCGP6	Sensitive
553920.00	4180000.00	7.91E-02	1.8	SRCGP6	Sensitive
553560.00	4180360.00	3.16E-01	1.8	SRCGP6	Sensitive
553360.00	4180340.00	2.70E-01	1.8	SRCGP6	Sensitive
553160.00	4181180.00	2.65E-01	1.8	SRCGP6	Sensitive



**Annual Average Concentraion at Each Receptor Location: Mission Rock Construction Scenario - Source Grou**  
**- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata**  
**- Emissions during daytime only (7am - 5pm)**  
**- New set of receptors (CRRP)**

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	2.45E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180540.00	2.58E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180560.00	2.73E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180580.00	2.89E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180600.00	3.06E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180620.00	3.26E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180640.00	3.47E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180660.00	3.71E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180720.00	4.61E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180740.00	4.98E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180760.00	5.39E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180780.00	5.85E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180800.00	6.36E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180840.00	7.51E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180860.00	8.12E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180880.00	8.75E-01	1.8	SRCGP7	OFF_SITE
553440.00	4180900.00	9.35E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181020.00	1.12E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181040.00	1.11E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181060.00	1.09E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181080.00	1.05E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181160.00	8.61E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181180.00	8.12E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181200.00	7.66E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181220.00	7.25E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181240.00	6.89E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181260.00	6.58E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181300.00	6.04E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181320.00	5.79E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181340.00	5.55E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181360.00	5.31E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181380.00	5.09E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181400.00	4.87E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181420.00	4.67E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181440.00	4.48E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181460.00	4.31E-01	1.8	SRCGP7	OFF_SITE
553440.00	4181480.00	4.13E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180520.00	2.48E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180540.00	2.61E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180560.00	2.76E-01	1.8	SRCGP7	OFF_SITE

553460.00	4180580.00	2.92E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180600.00	3.10E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180620.00	3.30E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180640.00	3.51E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180660.00	3.76E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180700.00	4.33E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180740.00	5.05E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180760.00	5.48E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180780.00	5.97E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180800.00	6.50E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180820.00	7.10E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180860.00	8.43E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180880.00	9.14E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180900.00	9.84E-01	1.8	SRCGP7	OFF_SITE
553460.00	4180920.00	1.05E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181040.00	1.23E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181060.00	1.21E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181120.00	1.07E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181140.00	1.02E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181180.00	9.02E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181200.00	8.49E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181220.00	8.01E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181240.00	7.59E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181260.00	7.22E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181280.00	6.89E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181320.00	6.29E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181340.00	6.00E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181360.00	5.73E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181380.00	5.47E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181400.00	5.22E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181420.00	4.99E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181440.00	4.78E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181460.00	4.57E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181500.00	4.18E-01	1.8	SRCGP7	OFF_SITE
553460.00	4181520.00	3.99E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180520.00	2.51E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180540.00	2.64E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180560.00	2.79E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180580.00	2.96E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180600.00	3.14E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180620.00	3.34E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180640.00	3.56E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180660.00	3.81E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180700.00	4.39E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180720.00	4.74E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180760.00	5.58E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180780.00	6.08E-01	1.8	SRCGP7	OFF_SITE

553480.00	4180800.00	6.64E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180820.00	7.27E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180840.00	7.97E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180880.00	9.53E-01	1.8	SRCGP7	OFF_SITE
553480.00	4180900.00	1.03E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180920.00	1.11E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180940.00	1.19E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180960.00	1.26E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181040.00	1.38E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181080.00	1.32E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181100.00	1.27E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181120.00	1.21E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181140.00	1.14E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181160.00	1.08E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181200.00	9.46E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181220.00	8.90E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181240.00	8.40E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181260.00	7.96E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181280.00	7.57E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181300.00	7.20E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181340.00	6.51E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181360.00	6.19E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181380.00	5.89E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181400.00	5.60E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181420.00	5.34E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181440.00	5.09E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181480.00	4.62E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181500.00	4.39E-01	1.8	SRCGP7	OFF_SITE
553480.00	4181520.00	4.17E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180520.00	2.53E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180540.00	2.67E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180560.00	2.83E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180580.00	2.99E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180600.00	3.18E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180620.00	3.38E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180640.00	3.61E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180660.00	3.86E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180700.00	4.45E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180720.00	4.81E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180740.00	5.21E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180780.00	6.19E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180800.00	6.78E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180820.00	7.45E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180840.00	8.20E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180860.00	9.02E-01	1.8	SRCGP7	OFF_SITE
553500.00	4180900.00	1.09E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180920.00	1.18E+00	1.8	SRCGP7	OFF_SITE

553500.00	4180940.00	1.27E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180960.00	1.36E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180980.00	1.43E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181000.00	1.48E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181060.00	1.53E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181080.00	1.50E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181100.00	1.44E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181120.00	1.37E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181140.00	1.30E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181160.00	1.22E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181180.00	1.14E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181220.00	9.95E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181240.00	9.36E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181260.00	8.83E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181280.00	8.36E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181300.00	7.91E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181320.00	7.49E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181360.00	6.71E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181380.00	6.35E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181400.00	6.02E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181420.00	5.71E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181460.00	5.14E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181480.00	4.87E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181500.00	4.61E-01	1.8	SRCGP7	OFF_SITE
553500.00	4181520.00	4.35E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180520.00	2.56E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180540.00	2.70E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180560.00	2.86E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180580.00	3.03E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180600.00	3.22E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180620.00	3.42E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180640.00	3.65E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180660.00	3.91E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180700.00	4.52E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180720.00	4.89E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180740.00	5.30E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180760.00	5.77E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180800.00	6.92E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180820.00	7.62E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180840.00	8.42E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180860.00	9.31E-01	1.8	SRCGP7	OFF_SITE
553520.00	4180880.00	1.03E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180920.00	1.25E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180940.00	1.36E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180960.00	1.46E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180980.00	1.55E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181000.00	1.63E+00	1.8	SRCGP7	OFF_SITE

553520.00	4181080.00	1.70E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181100.00	1.65E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181120.00	1.57E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181140.00	1.49E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181160.00	1.39E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181180.00	1.29E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181200.00	1.20E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181240.00	1.05E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181260.00	9.85E-01	1.8	SRCGP7	OFF_SITE
553520.00	4181280.00	9.27E-01	1.8	SRCGP7	OFF_SITE
553520.00	4181300.00	8.72E-01	1.8	SRCGP7	OFF_SITE
553520.00	4181320.00	8.21E-01	1.8	SRCGP7	OFF_SITE
553520.00	4181340.00	7.73E-01	1.8	SRCGP7	OFF_SITE
553520.00	4181380.00	6.86E-01	1.8	SRCGP7	OFF_SITE
553520.00	4181400.00	6.47E-01	1.8	SRCGP7	OFF_SITE
553520.00	4181440.00	5.76E-01	1.8	SRCGP7	OFF_SITE
553520.00	4181460.00	5.43E-01	1.8	SRCGP7	OFF_SITE
553520.00	4181480.00	5.12E-01	1.8	SRCGP7	OFF_SITE
553520.00	4181500.00	4.82E-01	1.8	SRCGP7	OFF_SITE
553520.00	4181520.00	4.53E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180520.00	2.58E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180540.00	2.73E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180560.00	2.89E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180580.00	3.06E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180600.00	3.26E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180620.00	3.47E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180640.00	3.70E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180660.00	3.96E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180700.00	4.59E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180720.00	4.96E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180740.00	5.39E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180760.00	5.87E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180780.00	6.42E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180820.00	7.80E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180840.00	8.64E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180860.00	9.60E-01	1.8	SRCGP7	OFF_SITE
553540.00	4180880.00	1.07E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180900.00	1.19E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180940.00	1.45E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180960.00	1.57E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180980.00	1.69E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181100.00	1.90E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181120.00	1.82E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181140.00	1.72E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181160.00	1.61E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181180.00	1.49E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181200.00	1.38E+00	1.8	SRCGP7	OFF_SITE



553540.00	4181220.00	1.28E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181260.00	1.11E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181280.00	1.03E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181300.00	9.66E-01	1.8	SRCGP7	OFF_SITE
553540.00	4181320.00	9.03E-01	1.8	SRCGP7	OFF_SITE
553540.00	4181340.00	8.45E-01	1.8	SRCGP7	OFF_SITE
553540.00	4181360.00	7.91E-01	1.8	SRCGP7	OFF_SITE
553540.00	4181420.00	6.52E-01	1.8	SRCGP7	OFF_SITE
553540.00	4181440.00	6.12E-01	1.8	SRCGP7	OFF_SITE
553540.00	4181460.00	5.73E-01	1.8	SRCGP7	OFF_SITE
553540.00	4181480.00	5.37E-01	1.8	SRCGP7	OFF_SITE
553540.00	4181500.00	5.02E-01	1.8	SRCGP7	OFF_SITE
553540.00	4181520.00	4.69E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180520.00	2.60E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180540.00	2.75E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180560.00	2.91E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180580.00	3.09E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180600.00	3.29E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180620.00	3.51E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180640.00	3.75E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180660.00	4.02E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180700.00	4.65E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180720.00	5.04E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180740.00	5.47E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180760.00	5.97E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180780.00	6.54E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180800.00	7.20E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180840.00	8.86E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180860.00	9.88E-01	1.8	SRCGP7	OFF_SITE
553560.00	4180880.00	1.11E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180900.00	1.24E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180920.00	1.38E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181000.00	1.98E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181020.00	2.10E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181120.00	2.13E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181140.00	2.01E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181160.00	1.88E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181180.00	1.73E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181200.00	1.59E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181220.00	1.47E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181240.00	1.35E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181280.00	1.16E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181300.00	1.07E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181320.00	9.96E-01	1.8	SRCGP7	OFF_SITE
553560.00	4181340.00	9.25E-01	1.8	SRCGP7	OFF_SITE
553560.00	4181420.00	6.95E-01	1.8	SRCGP7	OFF_SITE
553560.00	4181440.00	6.47E-01	1.8	SRCGP7	OFF_SITE

553560.00	4181460.00	6.03E-01	1.8	SRCGP7	OFF_SITE
553560.00	4181480.00	5.61E-01	1.8	SRCGP7	OFF_SITE
553560.00	4181500.00	5.21E-01	1.8	SRCGP7	OFF_SITE
553560.00	4181520.00	4.85E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180520.00	2.61E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180540.00	2.77E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180560.00	2.94E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180580.00	3.12E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180600.00	3.32E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180620.00	3.54E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180640.00	3.79E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180660.00	4.07E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180700.00	4.72E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180720.00	5.11E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180740.00	5.56E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180760.00	6.07E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180780.00	6.66E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180800.00	7.34E-01	1.8	SRCGP7	OFF_SITE
553580.00	4180820.00	8.14E-01	1.8	SRCGP7	OFF_SITE
553580.00	4181000.00	2.18E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181020.00	2.34E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181040.00	2.47E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181140.00	2.39E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181160.00	2.23E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181180.00	2.05E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181200.00	1.87E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181220.00	1.70E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181240.00	1.55E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181260.00	1.42E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181300.00	1.20E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181320.00	1.10E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181440.00	6.83E-01	1.8	SRCGP7	OFF_SITE
553580.00	4181460.00	6.31E-01	1.8	SRCGP7	OFF_SITE
553580.00	4181480.00	5.83E-01	1.8	SRCGP7	OFF_SITE
553580.00	4181500.00	5.39E-01	1.8	SRCGP7	OFF_SITE
553580.00	4181520.00	4.99E-01	1.8	SRCGP7	OFF_SITE
553600.00	4180800.00	7.48E-01	1.8	SRCGP7	OFF_SITE
553600.00	4180820.00	8.31E-01	1.8	SRCGP7	OFF_SITE
553600.00	4180840.00	9.28E-01	1.8	SRCGP7	OFF_SITE
553600.00	4180860.00	1.04E+00	1.8	SRCGP7	OFF_SITE
553600.00	4180900.00	1.34E+00	1.8	SRCGP7	OFF_SITE
553600.00	4180920.00	1.52E+00	1.8	SRCGP7	OFF_SITE
553600.00	4180940.00	1.73E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181000.00	2.41E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181020.00	2.62E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181040.00	2.80E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181060.00	2.95E+00	1.8	SRCGP7	OFF_SITE

553600.00	4181160.00	2.70E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181180.00	2.47E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181200.00	2.23E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181220.00	2.00E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181240.00	1.81E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181260.00	1.63E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181280.00	1.48E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181460.00	6.58E-01	1.8	SRCGP7	OFF_SITE
553600.00	4181480.00	6.05E-01	1.8	SRCGP7	OFF_SITE
553600.00	4181500.00	5.56E-01	1.8	SRCGP7	OFF_SITE
553600.00	4181520.00	5.11E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180520.00	2.62E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180540.00	2.78E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180560.00	2.95E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180600.00	3.36E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180620.00	3.59E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180640.00	3.85E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180660.00	4.14E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180700.00	4.83E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180720.00	5.24E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180740.00	5.71E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180760.00	6.26E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180780.00	6.88E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180800.00	7.61E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180820.00	8.47E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180840.00	9.48E-01	1.8	SRCGP7	OFF_SITE
553620.00	4180860.00	1.07E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180900.00	1.38E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180920.00	1.58E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180940.00	1.82E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181000.00	2.66E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181020.00	2.94E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181040.00	3.19E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181060.00	3.41E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181080.00	3.58E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181180.00	3.04E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181200.00	2.71E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181220.00	2.40E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181240.00	2.12E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181260.00	1.89E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181280.00	1.68E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181480.00	6.23E-01	1.8	SRCGP7	OFF_SITE
553620.00	4181500.00	5.69E-01	1.8	SRCGP7	OFF_SITE
553620.00	4181520.00	5.21E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180520.00	2.61E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180540.00	2.77E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180560.00	2.95E-01	1.8	SRCGP7	OFF_SITE

553640.00	4180600.00	3.36E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180620.00	3.60E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180640.00	3.86E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180660.00	4.16E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180700.00	4.87E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180720.00	5.29E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180740.00	5.77E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180760.00	6.33E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180780.00	6.98E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180800.00	7.73E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180820.00	8.61E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180840.00	9.67E-01	1.8	SRCGP7	OFF_SITE
553640.00	4180860.00	1.09E+00	1.8	SRCGP7	OFF_SITE
553640.00	4180900.00	1.43E+00	1.8	SRCGP7	OFF_SITE
553640.00	4180920.00	1.65E+00	1.8	SRCGP7	OFF_SITE
553640.00	4180940.00	1.91E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181000.00	2.93E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181020.00	3.30E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181040.00	3.65E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181060.00	3.96E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181080.00	4.23E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181100.00	4.43E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181200.00	3.38E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181220.00	2.92E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181240.00	2.53E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181260.00	2.20E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181500.00	5.81E-01	1.8	SRCGP7	OFF_SITE
553640.00	4181520.00	5.29E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180520.00	2.58E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180540.00	2.75E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180560.00	2.93E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180600.00	3.35E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180620.00	3.59E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180640.00	3.86E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180660.00	4.16E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180700.00	4.88E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180720.00	5.32E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180740.00	5.81E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180760.00	6.39E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180780.00	7.05E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180800.00	7.82E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180820.00	8.74E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180840.00	9.83E-01	1.8	SRCGP7	OFF_SITE
553660.00	4180860.00	1.11E+00	1.8	SRCGP7	OFF_SITE
553660.00	4180900.00	1.47E+00	1.8	SRCGP7	OFF_SITE
553660.00	4180920.00	1.71E+00	1.8	SRCGP7	OFF_SITE
553660.00	4180940.00	2.00E+00	1.8	SRCGP7	OFF_SITE

553660.00	4181000.00	3.23E+00	1.8	SRCGP7	OFF_SITE
553660.00	4181020.00	3.72E+00	1.8	SRCGP7	OFF_SITE
553660.00	4181040.00	4.19E+00	1.8	SRCGP7	OFF_SITE
553660.00	4181060.00	4.63E+00	1.8	SRCGP7	OFF_SITE
553660.00	4181080.00	5.03E+00	1.8	SRCGP7	OFF_SITE
553660.00	4181100.00	5.38E+00	1.8	SRCGP7	OFF_SITE
553660.00	4181120.00	5.66E+00	1.8	SRCGP7	OFF_SITE
553660.00	4181220.00	3.65E+00	1.8	SRCGP7	OFF_SITE
553660.00	4181240.00	3.05E+00	1.8	SRCGP7	OFF_SITE
553660.00	4181520.00	5.33E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180520.00	2.55E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180540.00	2.72E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180560.00	2.90E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180600.00	3.32E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180620.00	3.56E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180640.00	3.84E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180660.00	4.14E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180700.00	4.88E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180720.00	5.32E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180740.00	5.83E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180760.00	6.41E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180780.00	7.09E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180800.00	7.89E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180820.00	8.83E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180840.00	9.96E-01	1.8	SRCGP7	OFF_SITE
553680.00	4180860.00	1.13E+00	1.8	SRCGP7	OFF_SITE
553680.00	4180900.00	1.50E+00	1.8	SRCGP7	OFF_SITE
553680.00	4180920.00	1.76E+00	1.8	SRCGP7	OFF_SITE
553680.00	4180940.00	2.08E+00	1.8	SRCGP7	OFF_SITE
553680.00	4181000.00	3.54E+00	1.8	SRCGP7	OFF_SITE
553680.00	4181020.00	4.18E+00	1.8	SRCGP7	OFF_SITE
553680.00	4181040.00	4.83E+00	1.8	SRCGP7	OFF_SITE
553680.00	4181060.00	5.46E+00	1.8	SRCGP7	OFF_SITE
553680.00	4181080.00	6.04E+00	1.8	SRCGP7	OFF_SITE
553680.00	4181100.00	6.59E+00	1.8	SRCGP7	OFF_SITE
553680.00	4181120.00	7.14E+00	1.8	SRCGP7	OFF_SITE
553680.00	4181140.00	7.61E+00	1.8	SRCGP7	OFF_SITE
553700.00	4180520.00	2.51E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180540.00	2.67E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180560.00	2.85E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180600.00	3.27E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180620.00	3.52E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180640.00	3.80E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180660.00	4.10E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180700.00	4.85E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180720.00	5.30E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180740.00	5.81E-01	1.8	SRCGP7	OFF_SITE

553700.00	4180760.00	6.41E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180780.00	7.10E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180800.00	7.91E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180820.00	8.88E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180840.00	1.00E+00	1.8	SRCGP7	OFF_SITE
553700.00	4180860.00	1.14E+00	1.8	SRCGP7	OFF_SITE
553700.00	4180900.00	1.53E+00	1.8	SRCGP7	OFF_SITE
553700.00	4180920.00	1.81E+00	1.8	SRCGP7	OFF_SITE
553700.00	4180940.00	2.15E+00	1.8	SRCGP7	OFF_SITE
553700.00	4181000.00	3.86E+00	1.8	SRCGP7	OFF_SITE
553700.00	4181020.00	4.69E+00	1.8	SRCGP7	OFF_SITE
553700.00	4181040.00	5.60E+00	1.8	SRCGP7	OFF_SITE
553700.00	4181060.00	6.50E+00	1.8	SRCGP7	OFF_SITE
553700.00	4181080.00	7.34E+00	1.8	SRCGP7	OFF_SITE
553700.00	4181100.00	8.16E+00	1.8	SRCGP7	OFF_SITE
553700.00	4181120.00	9.09E+00	1.8	SRCGP7	OFF_SITE
553700.00	4181140.00	1.03E+01	1.8	SRCGP7	OFF_SITE
553720.00	4180520.00	2.45E-01	1.8	SRCGP7	OFF_SITE
553720.00	4180540.00	2.62E-01	1.8	SRCGP7	OFF_SITE
553720.00	4180560.00	2.80E-01	1.8	SRCGP7	OFF_SITE
553720.00	4180600.00	3.21E-01	1.8	SRCGP7	OFF_SITE
553720.00	4180620.00	3.46E-01	1.8	SRCGP7	OFF_SITE
553720.00	4180640.00	3.73E-01	1.8	SRCGP7	OFF_SITE
553720.00	4180660.00	4.04E-01	1.8	SRCGP7	OFF_SITE
553740.00	4180520.00	2.39E-01	1.8	SRCGP7	OFF_SITE
553740.00	4180540.00	2.55E-01	1.8	SRCGP7	OFF_SITE
553740.00	4180560.00	2.73E-01	1.8	SRCGP7	OFF_SITE
553760.00	4180620.00	3.29E-01	1.8	SRCGP7	OFF_SITE
553760.00	4180640.00	3.55E-01	1.8	SRCGP7	OFF_SITE
553760.00	4180660.00	3.85E-01	1.8	SRCGP7	OFF_SITE
553760.00	4180680.00	4.19E-01	1.8	SRCGP7	OFF_SITE
553760.00	4180720.00	5.02E-01	1.8	SRCGP7	OFF_SITE
553760.00	4180740.00	5.53E-01	1.8	SRCGP7	OFF_SITE
553760.00	4180760.00	6.13E-01	1.8	SRCGP7	OFF_SITE
553760.00	4180780.00	6.82E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180520.00	2.25E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180540.00	2.40E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180560.00	2.57E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180580.00	2.75E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180600.00	2.95E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180620.00	3.18E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180640.00	3.44E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180660.00	3.73E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180680.00	4.06E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180720.00	4.86E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180740.00	5.36E-01	1.8	SRCGP7	OFF_SITE
553780.00	4180760.00	5.94E-01	1.8	SRCGP7	OFF_SITE

553780.00	4180780.00	6.63E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180520.00	2.17E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180540.00	2.32E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180560.00	2.48E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180580.00	2.65E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180600.00	2.85E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180620.00	3.07E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180640.00	3.31E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180660.00	3.59E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180680.00	3.91E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180720.00	4.68E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180740.00	5.16E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180760.00	5.72E-01	1.8	SRCGP7	OFF_SITE
553800.00	4180780.00	6.38E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180520.00	2.10E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180540.00	2.23E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180560.00	2.38E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180580.00	2.55E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180620.00	2.95E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180640.00	3.18E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180660.00	3.44E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180680.00	3.75E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180720.00	4.49E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180740.00	4.94E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180760.00	5.48E-01	1.8	SRCGP7	OFF_SITE
553820.00	4180780.00	6.11E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180520.00	2.02E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180540.00	2.15E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180560.00	2.29E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180580.00	2.45E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180620.00	2.82E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180640.00	3.05E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180660.00	3.30E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180680.00	3.58E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180720.00	4.28E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180740.00	4.71E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180760.00	5.21E-01	1.8	SRCGP7	OFF_SITE
553840.00	4180780.00	5.81E-01	1.8	SRCGP7	OFF_SITE
553860.00	4180520.00	1.94E-01	1.8	SRCGP7	OFF_SITE
553860.00	4180540.00	2.06E-01	1.8	SRCGP7	OFF_SITE
553860.00	4180560.00	2.20E-01	1.8	SRCGP7	OFF_SITE
553860.00	4180580.00	2.35E-01	1.8	SRCGP7	OFF_SITE
553860.00	4180620.00	2.70E-01	1.8	SRCGP7	OFF_SITE
553860.00	4180640.00	2.91E-01	1.8	SRCGP7	OFF_SITE
553860.00	4180660.00	3.15E-01	1.8	SRCGP7	OFF_SITE
553860.00	4180680.00	3.42E-01	1.8	SRCGP7	OFF_SITE
553860.00	4180720.00	4.07E-01	1.8	SRCGP7	OFF_SITE

553860.00	4180740.00	4.47E-01	1.8	SRCGP7	OFF_SITE
553860.00	4180760.00	4.95E-01	1.8	SRCGP7	OFF_SITE
553860.00	4180780.00	5.50E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180520.00	1.87E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180540.00	1.98E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180560.00	2.11E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180580.00	2.25E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180620.00	2.59E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180640.00	2.78E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180660.00	3.01E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180680.00	3.26E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180720.00	3.87E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180740.00	4.25E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180760.00	4.68E-01	1.8	SRCGP7	OFF_SITE
553880.00	4180780.00	5.20E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180520.00	1.80E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180540.00	1.91E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180560.00	2.03E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180580.00	2.16E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180620.00	2.48E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180640.00	2.66E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180660.00	2.87E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180680.00	3.11E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180720.00	3.68E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180740.00	4.03E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180760.00	4.44E-01	1.8	SRCGP7	OFF_SITE
553900.00	4180780.00	4.91E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180520.00	1.73E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180540.00	1.84E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180560.00	1.95E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180580.00	2.08E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180620.00	2.38E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180640.00	2.55E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180660.00	2.75E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180680.00	2.97E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180720.00	3.50E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180740.00	3.83E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180760.00	4.21E-01	1.8	SRCGP7	OFF_SITE
553920.00	4180780.00	4.65E-01	1.8	SRCGP7	OFF_SITE
553940.00	4180520.00	1.67E-01	1.8	SRCGP7	OFF_SITE
553940.00	4180540.00	1.77E-01	1.8	SRCGP7	OFF_SITE
553940.00	4180560.00	1.88E-01	1.8	SRCGP7	OFF_SITE
553940.00	4180580.00	2.00E-01	1.8	SRCGP7	OFF_SITE
553940.00	4180620.00	2.28E-01	1.8	SRCGP7	OFF_SITE
553940.00	4180640.00	2.45E-01	1.8	SRCGP7	OFF_SITE
553940.00	4180660.00	2.63E-01	1.8	SRCGP7	OFF_SITE
553940.00	4180680.00	2.84E-01	1.8	SRCGP7	OFF_SITE



553940.00	4180720.00	3.34E-01	1.8	SRCGP7	OFF_SITE
553940.00	4180740.00	3.65E-01	1.8	SRCGP7	OFF_SITE
553940.00	4180760.00	4.00E-01	1.8	SRCGP7	OFF_SITE
553940.00	4180780.00	4.42E-01	1.8	SRCGP7	OFF_SITE
553960.00	4180520.00	1.62E-01	1.8	SRCGP7	OFF_SITE
553960.00	4180540.00	1.71E-01	1.8	SRCGP7	OFF_SITE
553960.00	4180560.00	1.81E-01	1.8	SRCGP7	OFF_SITE
553960.00	4180580.00	1.93E-01	1.8	SRCGP7	OFF_SITE
553960.00	4180620.00	2.20E-01	1.8	SRCGP7	OFF_SITE
553960.00	4180640.00	2.35E-01	1.8	SRCGP7	OFF_SITE
553960.00	4180660.00	2.53E-01	1.8	SRCGP7	OFF_SITE
553960.00	4180680.00	2.72E-01	1.8	SRCGP7	OFF_SITE
553960.00	4180720.00	3.20E-01	1.8	SRCGP7	OFF_SITE
553960.00	4180740.00	3.49E-01	1.8	SRCGP7	OFF_SITE
553960.00	4180760.00	3.82E-01	1.8	SRCGP7	OFF_SITE
553980.00	4180520.00	1.56E-01	1.8	SRCGP7	OFF_SITE
553980.00	4180540.00	1.66E-01	1.8	SRCGP7	OFF_SITE
553980.00	4180560.00	1.75E-01	1.8	SRCGP7	OFF_SITE
553980.00	4180580.00	1.86E-01	1.8	SRCGP7	OFF_SITE
553980.00	4180620.00	2.12E-01	1.8	SRCGP7	OFF_SITE
553980.00	4180640.00	2.27E-01	1.8	SRCGP7	OFF_SITE
553980.00	4180660.00	2.44E-01	1.8	SRCGP7	OFF_SITE
553980.00	4180680.00	2.62E-01	1.8	SRCGP7	OFF_SITE
553560.00	4181180.00	1.73E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180660.00	2.75E-01	1.8	SRCGP7	OFF_SITE
553700.00	4180920.00	1.81E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180920.00	1.38E+00	1.8	SRCGP7	OFF_SITE
553680.00	4181060.00	5.46E+00	1.8	SRCGP7	OFF_SITE
553760.00	4181080.00	1.60E+01	1.8	SRCGP7	R_A1_BA
553780.00	4181080.00	2.55E+01	1.8	SRCGP7	R_A1_BA
553760.00	4181100.00	1.88E+01	1.8	SRCGP7	R_A1_BA
553780.00	4181100.00	3.14E+01	1.8	SRCGP7	R_A1_BA
553760.00	4181120.00	2.11E+01	1.8	SRCGP7	R_A1_BA
553780.00	4181120.00	3.46E+01	1.8	SRCGP7	R_A1_BA
553760.00	4181140.00	2.52E+01	1.8	SRCGP7	R_A1_BA
553780.00	4181140.00	3.89E+01	1.8	SRCGP7	R_A1_BA
553760.00	4181000.00	4.67E+00	1.8	SRCGP7	R_A1_BB
553780.00	4181000.00	4.79E+00	1.8	SRCGP7	R_A1_BB
553760.00	4181020.00	6.29E+00	1.8	SRCGP7	R_A1_BB
553780.00	4181020.00	6.65E+00	1.8	SRCGP7	R_A1_BB
553760.00	4181040.00	8.70E+00	1.8	SRCGP7	R_A1_BB
553780.00	4181040.00	9.73E+00	1.8	SRCGP7	R_A1_BB
553780.00	4181060.00	1.55E+01	1.8	SRCGP7	R_A1_BB
553760.00	4180900.00	1.55E+00	1.8	SRCGP7	R_A1_BC
553780.00	4180900.00	1.52E+00	1.8	SRCGP7	R_A1_BC
553760.00	4180920.00	1.85E+00	1.8	SRCGP7	R_A1_BC
553780.00	4180920.00	1.82E+00	1.8	SRCGP7	R_A1_BC

553760.00	4180940.00	2.25E+00	1.8	SRCGP7	R_A1_BC
553780.00	4180940.00	2.22E+00	1.8	SRCGP7	R_A1_BC
553760.00	4180960.00	2.80E+00	1.8	SRCGP7	R_A1_BC
553780.00	4180960.00	2.79E+00	1.8	SRCGP7	R_A1_BC
553760.00	4180820.00	8.64E-01	1.8	SRCGP7	R_A1_BD1
553780.00	4180820.00	8.41E-01	1.8	SRCGP7	R_A1_BD1
553760.00	4180840.00	9.83E-01	1.8	SRCGP7	R_A1_BD1
553780.00	4180840.00	9.58E-01	1.8	SRCGP7	R_A1_BD1
553760.00	4180860.00	1.13E+00	1.8	SRCGP7	R_A1_BD1
553780.00	4180860.00	1.10E+00	1.8	SRCGP7	R_A1_BD1
553760.00	4180880.00	1.31E+00	1.8	SRCGP7	R_A1_BD1
553800.00	4180820.00	8.11E-01	1.8	SRCGP7	R_A1_BD2
553820.00	4180820.00	7.75E-01	1.8	SRCGP7	R_A1_BD2
553840.00	4180820.00	7.35E-01	1.8	SRCGP7	R_A1_BD2
553860.00	4180820.00	6.94E-01	1.8	SRCGP7	R_A1_BD2
553880.00	4180820.00	6.53E-01	1.8	SRCGP7	R_A1_BD2
553800.00	4180840.00	9.25E-01	1.8	SRCGP7	R_A1_BD2
553820.00	4180840.00	8.84E-01	1.8	SRCGP7	R_A1_BD2
553840.00	4180840.00	8.38E-01	1.8	SRCGP7	R_A1_BD2
553860.00	4180840.00	7.90E-01	1.8	SRCGP7	R_A1_BD2
553880.00	4180840.00	7.42E-01	1.8	SRCGP7	R_A1_BD2
553800.00	4180860.00	1.07E+00	1.8	SRCGP7	R_A1_BD2
553820.00	4180860.00	1.02E+00	1.8	SRCGP7	R_A1_BD2
553840.00	4180860.00	9.65E-01	1.8	SRCGP7	R_A1_BD2
553860.00	4180860.00	9.08E-01	1.8	SRCGP7	R_A1_BD2
553880.00	4180860.00	8.50E-01	1.8	SRCGP7	R_A1_BD2
553780.00	4180880.00	1.28E+00	1.8	SRCGP7	R_A1_BD2
553800.00	4180880.00	1.24E+00	1.8	SRCGP7	R_A1_BD2
553820.00	4180880.00	1.19E+00	1.8	SRCGP7	R_A1_BD2
553840.00	4180880.00	1.12E+00	1.8	SRCGP7	R_A1_BD2
553860.00	4180880.00	1.06E+00	1.8	SRCGP7	R_A1_BD2
553820.00	4181100.00	8.77E+01	1.8	SRCGP7	R_A2_BG
553840.00	4181100.00	9.32E+01	1.8	SRCGP7	R_A2_BG
553860.00	4181100.00	9.49E+01	1.8	SRCGP7	R_A2_BG
553820.00	4181120.00	9.31E+01	1.8	SRCGP7	R_A2_BG
553840.00	4181120.00	9.95E+01	1.8	SRCGP7	R_A2_BG
553860.00	4181120.00	1.02E+02	1.8	SRCGP7	R_A2_BG
553900.00	4181100.00	9.10E+01	1.8	SRCGP7	R_A2_BK
553920.00	4181100.00	8.32E+01	1.8	SRCGP7	R_A2_BK
553900.00	4181120.00	9.81E+01	1.8	SRCGP7	R_A2_BK
553920.00	4181120.00	8.97E+01	1.8	SRCGP7	R_A2_BK
553860.00	4181140.00	1.04E+02	1.8	SRCGP7	R_A2_PK
553880.00	4181140.00	1.04E+02	1.8	SRCGP7	R_A2_PK
553900.00	4181140.00	1.01E+02	1.8	SRCGP7	R_A2_PK
553920.00	4181140.00	9.20E+01	1.8	SRCGP7	R_A2_PK
553800.00	4181160.00	8.89E+01	1.8	SRCGP7	R_A2_PK
553820.00	4181160.00	9.87E+01	1.8	SRCGP7	R_A2_PK

553840.00	4181160.00	1.03E+02	1.8	SRCGP7	R_A2_PK
553860.00	4181160.00	1.05E+02	1.8	SRCGP7	R_A2_PK
553880.00	4181160.00	1.04E+02	1.8	SRCGP7	R_A2_PK
553900.00	4181160.00	1.01E+02	1.8	SRCGP7	R_A2_PK
553920.00	4181160.00	9.21E+01	1.8	SRCGP7	R_A2_PK
553740.00	4181180.00	5.35E+01	1.8	SRCGP7	R_A2_PK
553760.00	4181180.00	7.86E+01	1.8	SRCGP7	R_A2_PK
553780.00	4181180.00	8.77E+01	1.8	SRCGP7	R_A2_PK
553800.00	4181180.00	9.35E+01	1.8	SRCGP7	R_A2_PK
553820.00	4181180.00	9.79E+01	1.8	SRCGP7	R_A2_PK
553840.00	4181180.00	1.01E+02	1.8	SRCGP7	R_A2_PK
553860.00	4181180.00	1.02E+02	1.8	SRCGP7	R_A2_PK
553880.00	4181180.00	1.02E+02	1.8	SRCGP7	R_A2_PK
553900.00	4181180.00	9.89E+01	1.8	SRCGP7	R_A2_PK
553920.00	4181180.00	9.01E+01	1.8	SRCGP7	R_A2_PK
553740.00	4181200.00	4.80E+01	1.8	SRCGP7	R_A2_PK
553760.00	4181200.00	7.03E+01	1.8	SRCGP7	R_A2_PK
553780.00	4181200.00	7.88E+01	1.8	SRCGP7	R_A2_PK
553800.00	4181200.00	8.42E+01	1.8	SRCGP7	R_A2_PK
553820.00	4181200.00	8.82E+01	1.8	SRCGP7	R_A2_PK
553840.00	4181200.00	9.12E+01	1.8	SRCGP7	R_A2_PK
553860.00	4181200.00	9.31E+01	1.8	SRCGP7	R_A2_PK
553880.00	4181200.00	9.36E+01	1.8	SRCGP7	R_A2_PK
553900.00	4181200.00	9.19E+01	1.8	SRCGP7	R_A2_PK
553920.00	4181200.00	8.46E+01	1.8	SRCGP7	R_A2_PK
553840.00	4180920.00	1.60E+00	1.8	SRCGP7	R_A3_BE
553860.00	4180920.00	1.50E+00	1.8	SRCGP7	R_A3_BE
553820.00	4180940.00	2.08E+00	1.8	SRCGP7	R_A3_BE
553840.00	4180940.00	1.96E+00	1.8	SRCGP7	R_A3_BE
553860.00	4180940.00	1.83E+00	1.8	SRCGP7	R_A3_BE
553820.00	4181040.00	1.06E+01	1.8	SRCGP7	R_A3_BF
553840.00	4181040.00	1.06E+01	1.8	SRCGP7	R_A3_BF
553860.00	4181040.00	1.03E+01	1.8	SRCGP7	R_A3_BF
553820.00	4181060.00	1.98E+01	1.8	SRCGP7	R_A3_BF
553840.00	4181060.00	2.07E+01	1.8	SRCGP7	R_A3_BF
553860.00	4181060.00	2.06E+01	1.8	SRCGP7	R_A3_BF
553800.00	4180960.00	2.73E+00	1.8	SRCGP7	R_A3_SQ
553820.00	4180960.00	2.62E+00	1.8	SRCGP7	R_A3_SQ
553840.00	4180960.00	2.48E+00	1.8	SRCGP7	R_A3_SQ
553860.00	4180960.00	2.31E+00	1.8	SRCGP7	R_A3_SQ
553800.00	4180980.00	3.54E+00	1.8	SRCGP7	R_A3_SQ
553820.00	4180980.00	3.41E+00	1.8	SRCGP7	R_A3_SQ
553840.00	4180980.00	3.23E+00	1.8	SRCGP7	R_A3_SQ
553860.00	4180980.00	3.02E+00	1.8	SRCGP7	R_A3_SQ
553800.00	4181000.00	4.78E+00	1.8	SRCGP7	R_A3_SQ
553820.00	4181000.00	4.64E+00	1.8	SRCGP7	R_A3_SQ
553840.00	4181000.00	4.43E+00	1.8	SRCGP7	R_A3_SQ

553860.00	4181000.00	4.17E+00	1.8	SRCGP7	R_A3_SQ
553800.00	4181020.00	6.78E+00	1.8	SRCGP7	R_A3_SQ
553820.00	4181020.00	6.71E+00	1.8	SRCGP7	R_A3_SQ
553840.00	4181020.00	6.50E+00	1.8	SRCGP7	R_A3_SQ
553860.00	4181020.00	6.20E+00	1.8	SRCGP7	R_A3_SQ
553900.00	4180920.00	1.29E+00	1.8	SRCGP7	R_A4_BI
553920.00	4180920.00	1.19E+00	1.8	SRCGP7	R_A4_BI
553900.00	4180940.00	1.57E+00	1.8	SRCGP7	R_A4_BI
553920.00	4180940.00	1.45E+00	1.8	SRCGP7	R_A4_BI
553900.00	4180960.00	1.97E+00	1.8	SRCGP7	R_A4_BI
553920.00	4180960.00	1.82E+00	1.8	SRCGP7	R_A4_BI
553900.00	4181000.00	3.56E+00	1.8	SRCGP7	R_A4_BJ
553920.00	4181000.00	3.27E+00	1.8	SRCGP7	R_A4_BJ
553900.00	4181020.00	5.32E+00	1.8	SRCGP7	R_A4_BJ
553920.00	4181020.00	4.83E+00	1.8	SRCGP7	R_A4_BJ
553900.00	4181040.00	8.89E+00	1.8	SRCGP7	R_A4_BJ
553920.00	4181040.00	7.87E+00	1.8	SRCGP7	R_A4_BJ
553900.00	4181060.00	1.79E+01	1.8	SRCGP7	R_A4_BJ
553920.00	4181060.00	1.52E+01	1.8	SRCGP7	R_A4_BJ
553900.00	4181000.00	3.56E+00	1.8	SRCGP7	R_A4_BJ
553920.00	4181000.00	3.27E+00	1.8	SRCGP7	R_A4_BJ
553900.00	4180980.00	2.58E+00	1.8	SRCGP7	R_A4_CL
553920.00	4180980.00	2.37E+00	1.8	SRCGP7	R_A4_CL
553940.00	4180980.00	2.21E+00	1.8	SRCGP7	R_A4_CL
553880.00	4181000.00	3.87E+00	1.8	SRCGP7	R_A4_CL
553940.00	4181000.00	3.03E+00	1.8	SRCGP7	R_A4_CL
553940.00	4181080.00	3.37E+01	1.8	SRCGP7	R_A4_CL
553880.00	4180980.00	2.80E+00	1.8	SRCGP7	R_A4_CL
553600.00	4181380.00	9.31E-01	1.8	SRCGP7	R_ATT
553600.00	4181400.00	8.53E-01	1.8	SRCGP7	R_ATT
553620.00	4181340.00	1.22E+00	1.8	SRCGP7	R_ATT
553620.00	4181360.00	1.10E+00	1.8	SRCGP7	R_ATT
553620.00	4181380.00	9.99E-01	1.8	SRCGP7	R_ATT
553620.00	4181400.00	9.07E-01	1.8	SRCGP7	R_ATT
553620.00	4181420.00	8.24E-01	1.8	SRCGP7	R_ATT
553640.00	4181340.00	1.33E+00	1.8	SRCGP7	R_ATT
553640.00	4181320.00	1.50E+00	1.8	SRCGP7	R_ATT
553640.00	4181360.00	1.19E+00	1.8	SRCGP7	R_ATT
553640.00	4181380.00	1.07E+00	1.8	SRCGP7	R_ATT
553640.00	4181400.00	9.59E-01	1.8	SRCGP7	R_ATT
553640.00	4181420.00	8.64E-01	1.8	SRCGP7	R_ATT
553640.00	4181440.00	7.80E-01	1.8	SRCGP7	R_ATT
553660.00	4181320.00	1.66E+00	1.8	SRCGP7	R_ATT
553660.00	4181340.00	1.45E+00	1.8	SRCGP7	R_ATT
553660.00	4181360.00	1.28E+00	1.8	SRCGP7	R_ATT
553660.00	4181380.00	1.13E+00	1.8	SRCGP7	R_ATT
553660.00	4181400.00	1.01E+00	1.8	SRCGP7	R_ATT

553660.00	4181420.00	9.00E-01	1.8	SRCGP7	R_ATT
553660.00	4181440.00	8.05E-01	1.8	SRCGP7	R_ATT
553660.00	4181460.00	7.23E-01	1.8	SRCGP7	R_ATT
553680.00	4181360.00	1.37E+00	1.8	SRCGP7	R_ATT
553680.00	4181380.00	1.20E+00	1.8	SRCGP7	R_ATT
553680.00	4181400.00	1.05E+00	1.8	SRCGP7	R_ATT
553680.00	4181420.00	9.30E-01	1.8	SRCGP7	R_ATT
553680.00	4181440.00	8.26E-01	1.8	SRCGP7	R_ATT
553680.00	4181460.00	7.36E-01	1.8	SRCGP7	R_ATT
553680.00	4181480.00	6.59E-01	1.8	SRCGP7	R_ATT
553680.00	4181340.00	1.57E+00	1.8	SRCGP7	R_ATT
553680.00	4181320.00	1.82E+00	1.8	SRCGP7	R_ATT
553700.00	4181360.00	1.45E+00	1.8	SRCGP7	R_ATT
553700.00	4181380.00	1.25E+00	1.8	SRCGP7	R_ATT
553700.00	4181400.00	1.09E+00	1.8	SRCGP7	R_ATT
553700.00	4181420.00	9.53E-01	1.8	SRCGP7	R_ATT
553700.00	4181440.00	8.40E-01	1.8	SRCGP7	R_ATT
553700.00	4181460.00	7.44E-01	1.8	SRCGP7	R_ATT
553700.00	4181480.00	6.63E-01	1.8	SRCGP7	R_ATT
553700.00	4181500.00	5.93E-01	1.8	SRCGP7	R_ATT
553700.00	4181340.00	1.69E+00	1.8	SRCGP7	R_ATT
553700.00	4181320.00	1.99E+00	1.8	SRCGP7	R_ATT
553720.00	4181360.00	1.51E+00	1.8	SRCGP7	R_ATT
553720.00	4181380.00	1.29E+00	1.8	SRCGP7	R_ATT
553720.00	4181400.00	1.11E+00	1.8	SRCGP7	R_ATT
553720.00	4181420.00	9.68E-01	1.8	SRCGP7	R_ATT
553720.00	4181440.00	8.47E-01	1.8	SRCGP7	R_ATT
553720.00	4181460.00	7.46E-01	1.8	SRCGP7	R_ATT
553720.00	4181480.00	6.61E-01	1.8	SRCGP7	R_ATT
553720.00	4181500.00	5.90E-01	1.8	SRCGP7	R_ATT
553720.00	4181520.00	5.28E-01	1.8	SRCGP7	R_ATT
553720.00	4181340.00	1.79E+00	1.8	SRCGP7	R_ATT
553720.00	4181320.00	2.15E+00	1.8	SRCGP7	R_ATT
553740.00	4181360.00	1.57E+00	1.8	SRCGP7	R_ATT
553740.00	4181380.00	1.32E+00	1.8	SRCGP7	R_ATT
553740.00	4181400.00	1.13E+00	1.8	SRCGP7	R_ATT
553740.00	4181420.00	9.74E-01	1.8	SRCGP7	R_ATT
553740.00	4181440.00	8.48E-01	1.8	SRCGP7	R_ATT
553740.00	4181460.00	7.43E-01	1.8	SRCGP7	R_ATT
553740.00	4181480.00	6.56E-01	1.8	SRCGP7	R_ATT
553740.00	4181500.00	5.83E-01	1.8	SRCGP7	R_ATT
553740.00	4181520.00	5.21E-01	1.8	SRCGP7	R_ATT
553740.00	4181340.00	1.88E+00	1.8	SRCGP7	R_ATT
553740.00	4181320.00	2.29E+00	1.8	SRCGP7	R_ATT
553760.00	4181360.00	1.61E+00	1.8	SRCGP7	R_ATT
553760.00	4181380.00	1.34E+00	1.8	SRCGP7	R_ATT
553760.00	4181400.00	1.14E+00	1.8	SRCGP7	R_ATT

553760.00	4181420.00	9.74E-01	1.8	SRCGP7	R_ATT
553760.00	4181440.00	8.42E-01	1.8	SRCGP7	R_ATT
553760.00	4181460.00	7.35E-01	1.8	SRCGP7	R_ATT
553760.00	4181480.00	6.46E-01	1.8	SRCGP7	R_ATT
553760.00	4181500.00	5.73E-01	1.8	SRCGP7	R_ATT
553760.00	4181520.00	5.11E-01	1.8	SRCGP7	R_ATT
553760.00	4181340.00	1.96E+00	1.8	SRCGP7	R_ATT
553760.00	4181320.00	2.43E+00	1.8	SRCGP7	R_ATT
553780.00	4181360.00	1.64E+00	1.8	SRCGP7	R_ATT
553780.00	4181380.00	1.36E+00	1.8	SRCGP7	R_ATT
553780.00	4181400.00	1.14E+00	1.8	SRCGP7	R_ATT
553780.00	4181420.00	9.68E-01	1.8	SRCGP7	R_ATT
553780.00	4181440.00	8.33E-01	1.8	SRCGP7	R_ATT
553780.00	4181460.00	7.24E-01	1.8	SRCGP7	R_ATT
553780.00	4181480.00	6.34E-01	1.8	SRCGP7	R_ATT
553780.00	4181500.00	5.61E-01	1.8	SRCGP7	R_ATT
553780.00	4181520.00	4.99E-01	1.8	SRCGP7	R_ATT
553780.00	4181340.00	2.03E+00	1.8	SRCGP7	R_ATT
553800.00	4181360.00	1.67E+00	1.8	SRCGP7	R_ATT
553800.00	4181380.00	1.36E+00	1.8	SRCGP7	R_ATT
553800.00	4181400.00	1.13E+00	1.8	SRCGP7	R_ATT
553800.00	4181420.00	9.58E-01	1.8	SRCGP7	R_ATT
553800.00	4181440.00	8.21E-01	1.8	SRCGP7	R_ATT
553800.00	4181460.00	7.11E-01	1.8	SRCGP7	R_ATT
553800.00	4181480.00	6.21E-01	1.8	SRCGP7	R_ATT
553800.00	4181500.00	5.48E-01	1.8	SRCGP7	R_ATT
553800.00	4181520.00	4.87E-01	1.8	SRCGP7	R_ATT
553820.00	4181360.00	1.69E+00	1.8	SRCGP7	R_ATT
553820.00	4181380.00	1.37E+00	1.8	SRCGP7	R_ATT
553820.00	4181400.00	1.13E+00	1.8	SRCGP7	R_ATT
553820.00	4181420.00	9.48E-01	1.8	SRCGP7	R_ATT
553820.00	4181440.00	8.08E-01	1.8	SRCGP7	R_ATT
553820.00	4181460.00	6.98E-01	1.8	SRCGP7	R_ATT
553820.00	4181480.00	6.09E-01	1.8	SRCGP7	R_ATT
553820.00	4181500.00	5.36E-01	1.8	SRCGP7	R_ATT
553820.00	4181520.00	4.76E-01	1.8	SRCGP7	R_ATT
553840.00	4181360.00	1.71E+00	1.8	SRCGP7	R_ATT
553840.00	4181380.00	1.37E+00	1.8	SRCGP7	R_ATT
553840.00	4181400.00	1.13E+00	1.8	SRCGP7	R_ATT
553840.00	4181420.00	9.40E-01	1.8	SRCGP7	R_ATT
553840.00	4181440.00	7.98E-01	1.8	SRCGP7	R_ATT
553840.00	4181460.00	6.87E-01	1.8	SRCGP7	R_ATT
553840.00	4181480.00	5.98E-01	1.8	SRCGP7	R_ATT
553840.00	4181500.00	5.25E-01	1.8	SRCGP7	R_ATT
553840.00	4181520.00	4.66E-01	1.8	SRCGP7	R_ATT
553920.00	4180820.00	5.79E-01	1.8	SRCGP7	R_B4_BH
553940.00	4180820.00	5.47E-01	1.8	SRCGP7	R_B4_BH

553920.00	4180840.00	6.54E-01	1.8	SRCGP7	R_B4_BH
553940.00	4180840.00	6.16E-01	1.8	SRCGP7	R_B4_BH
553900.00	4180860.00	7.95E-01	1.8	SRCGP7	R_B4_BH
553920.00	4180860.00	7.45E-01	1.8	SRCGP7	R_B4_BH
553940.00	4180860.00	7.00E-01	1.8	SRCGP7	R_B4_BH
553900.00	4180880.00	9.19E-01	1.8	SRCGP7	R_B4_BH
553920.00	4180880.00	8.58E-01	1.8	SRCGP7	R_B4_BH
553960.00	4181040.00	6.29E+00	1.8	SRCGP7	R_PIER48
553980.00	4181040.00	5.65E+00	1.8	SRCGP7	R_PIER48
554000.00	4181040.00	5.01E+00	1.8	SRCGP7	R_PIER48
553960.00	4181060.00	1.03E+01	1.8	SRCGP7	R_PIER48
553980.00	4181060.00	8.46E+00	1.8	SRCGP7	R_PIER48
554000.00	4181060.00	7.00E+00	1.8	SRCGP7	R_PIER48
554020.00	4181060.00	5.90E+00	1.8	SRCGP7	R_PIER48
554040.00	4181060.00	5.06E+00	1.8	SRCGP7	R_PIER48
554060.00	4181060.00	4.40E+00	1.8	SRCGP7	R_PIER48
554080.00	4181060.00	3.87E+00	1.8	SRCGP7	R_PIER48
554100.00	4181060.00	3.43E+00	1.8	SRCGP7	R_PIER48
554120.00	4181060.00	3.07E+00	1.8	SRCGP7	R_PIER48
554140.00	4181060.00	2.76E+00	1.8	SRCGP7	R_PIER48
554160.00	4181060.00	2.49E+00	1.8	SRCGP7	R_PIER48
553960.00	4181080.00	1.76E+01	1.8	SRCGP7	R_PIER48
553980.00	4181080.00	1.22E+01	1.8	SRCGP7	R_PIER48
554000.00	4181080.00	9.33E+00	1.8	SRCGP7	R_PIER48
554020.00	4181080.00	7.52E+00	1.8	SRCGP7	R_PIER48
554040.00	4181080.00	6.25E+00	1.8	SRCGP7	R_PIER48
554060.00	4181080.00	5.30E+00	1.8	SRCGP7	R_PIER48
554080.00	4181080.00	4.57E+00	1.8	SRCGP7	R_PIER48
554100.00	4181080.00	3.98E+00	1.8	SRCGP7	R_PIER48
554120.00	4181080.00	3.51E+00	1.8	SRCGP7	R_PIER48
554140.00	4181080.00	3.11E+00	1.8	SRCGP7	R_PIER48
554160.00	4181080.00	2.79E+00	1.8	SRCGP7	R_PIER48
553960.00	4181100.00	2.50E+01	1.8	SRCGP7	R_PIER48
553980.00	4181100.00	1.59E+01	1.8	SRCGP7	R_PIER48
554000.00	4181100.00	1.16E+01	1.8	SRCGP7	R_PIER48
554020.00	4181100.00	9.07E+00	1.8	SRCGP7	R_PIER48
554040.00	4181100.00	7.37E+00	1.8	SRCGP7	R_PIER48
554060.00	4181100.00	6.14E+00	1.8	SRCGP7	R_PIER48
554080.00	4181100.00	5.21E+00	1.8	SRCGP7	R_PIER48
554100.00	4181100.00	4.48E+00	1.8	SRCGP7	R_PIER48
554120.00	4181100.00	3.90E+00	1.8	SRCGP7	R_PIER48
554140.00	4181100.00	3.42E+00	1.8	SRCGP7	R_PIER48
554160.00	4181100.00	3.04E+00	1.8	SRCGP7	R_PIER48
553960.00	4181120.00	2.89E+01	1.8	SRCGP7	R_PIER48
553980.00	4181120.00	1.85E+01	1.8	SRCGP7	R_PIER48
554000.00	4181120.00	1.34E+01	1.8	SRCGP7	R_PIER48
554020.00	4181120.00	1.03E+01	1.8	SRCGP7	R_PIER48

554040.00	4181120.00	8.26E+00	1.8	SRCGP7	R_PIER48
554060.00	4181120.00	6.80E+00	1.8	SRCGP7	R_PIER48
554080.00	4181120.00	5.71E+00	1.8	SRCGP7	R_PIER48
554100.00	4181120.00	4.86E+00	1.8	SRCGP7	R_PIER48
554120.00	4181120.00	4.20E+00	1.8	SRCGP7	R_PIER48
554140.00	4181120.00	3.66E+00	1.8	SRCGP7	R_PIER48
553940.00	4181140.00	6.39E+01	1.8	SRCGP7	R_PIER48
553960.00	4181140.00	3.05E+01	1.8	SRCGP7	R_PIER48
553980.00	4181140.00	1.99E+01	1.8	SRCGP7	R_PIER48
554000.00	4181140.00	1.44E+01	1.8	SRCGP7	R_PIER48
554020.00	4181140.00	1.11E+01	1.8	SRCGP7	R_PIER48
554040.00	4181140.00	8.83E+00	1.8	SRCGP7	R_PIER48
554060.00	4181140.00	7.22E+00	1.8	SRCGP7	R_PIER48
554080.00	4181140.00	6.02E+00	1.8	SRCGP7	R_PIER48
554100.00	4181140.00	5.10E+00	1.8	SRCGP7	R_PIER48
554120.00	4181140.00	4.38E+00	1.8	SRCGP7	R_PIER48
554140.00	4181140.00	3.81E+00	1.8	SRCGP7	R_PIER48
554040.00	4181160.00	8.99E+00	1.8	SRCGP7	R_PIER48
554060.00	4181160.00	7.34E+00	1.8	SRCGP7	R_PIER48
554080.00	4181160.00	6.12E+00	1.8	SRCGP7	R_PIER48
554100.00	4181160.00	5.17E+00	1.8	SRCGP7	R_PIER48
554120.00	4181160.00	4.43E+00	1.8	SRCGP7	R_PIER48
554140.00	4181160.00	3.85E+00	1.8	SRCGP7	R_PIER48
553980.00	4180780.00	4.02E-01	1.8	SRCGP7	R_PIER50
553980.00	4180800.00	4.44E-01	1.8	SRCGP7	R_PIER50
553980.00	4180820.00	4.94E-01	1.8	SRCGP7	R_PIER50
553980.00	4180840.00	5.54E-01	1.8	SRCGP7	R_PIER50
553980.00	4180860.00	6.27E-01	1.8	SRCGP7	R_PIER50
553980.00	4180880.00	7.18E-01	1.8	SRCGP7	R_PIER50
553980.00	4180900.00	8.34E-01	1.8	SRCGP7	R_PIER50
553980.00	4180920.00	9.89E-01	1.8	SRCGP7	R_PIER50
553980.00	4180940.00	1.20E+00	1.8	SRCGP7	R_PIER50
553980.00	4180960.00	1.51E+00	1.8	SRCGP7	R_PIER50
554000.00	4180720.00	2.96E-01	1.8	SRCGP7	R_PIER50
554000.00	4180740.00	3.22E-01	1.8	SRCGP7	R_PIER50
554000.00	4180760.00	3.51E-01	1.8	SRCGP7	R_PIER50
554000.00	4180780.00	3.85E-01	1.8	SRCGP7	R_PIER50
554000.00	4180800.00	4.25E-01	1.8	SRCGP7	R_PIER50
554000.00	4180820.00	4.72E-01	1.8	SRCGP7	R_PIER50
554000.00	4180840.00	5.29E-01	1.8	SRCGP7	R_PIER50
554000.00	4180860.00	5.98E-01	1.8	SRCGP7	R_PIER50
554000.00	4180880.00	6.84E-01	1.8	SRCGP7	R_PIER50
554000.00	4180900.00	7.95E-01	1.8	SRCGP7	R_PIER50
554000.00	4180920.00	9.44E-01	1.8	SRCGP7	R_PIER50
554000.00	4180940.00	1.15E+00	1.8	SRCGP7	R_PIER50
554000.00	4180960.00	1.45E+00	1.8	SRCGP7	R_PIER50
554020.00	4180840.00	5.06E-01	1.8	SRCGP7	R_PIER50



554020.00	4180860.00	5.72E-01	1.8	SRCGP7	R_PIER50
554020.00	4180880.00	6.55E-01	1.8	SRCGP7	R_PIER50
554020.00	4180900.00	7.62E-01	1.8	SRCGP7	R_PIER50
554020.00	4180920.00	9.06E-01	1.8	SRCGP7	R_PIER50
554020.00	4180940.00	1.11E+00	1.8	SRCGP7	R_PIER50
554020.00	4180960.00	1.39E+00	1.8	SRCGP7	R_PIER50
554040.00	4180840.00	4.87E-01	1.8	SRCGP7	R_PIER50
554040.00	4180860.00	5.50E-01	1.8	SRCGP7	R_PIER50
554040.00	4180880.00	6.29E-01	1.8	SRCGP7	R_PIER50
554040.00	4180900.00	7.33E-01	1.8	SRCGP7	R_PIER50
554040.00	4180920.00	8.73E-01	1.8	SRCGP7	R_PIER50
554040.00	4180940.00	1.07E+00	1.8	SRCGP7	R_PIER50
554040.00	4180960.00	1.34E+00	1.8	SRCGP7	R_PIER50
554060.00	4180840.00	4.69E-01	1.8	SRCGP7	R_PIER50
554060.00	4180860.00	5.30E-01	1.8	SRCGP7	R_PIER50
554060.00	4180880.00	6.07E-01	1.8	SRCGP7	R_PIER50
554060.00	4180900.00	7.09E-01	1.8	SRCGP7	R_PIER50
554060.00	4180920.00	8.45E-01	1.8	SRCGP7	R_PIER50
554060.00	4180940.00	1.03E+00	1.8	SRCGP7	R_PIER50
554060.00	4180960.00	1.29E+00	1.8	SRCGP7	R_PIER50
554080.00	4180840.00	4.53E-01	1.8	SRCGP7	R_PIER50
554080.00	4180860.00	5.12E-01	1.8	SRCGP7	R_PIER50
554080.00	4180880.00	5.88E-01	1.8	SRCGP7	R_PIER50
554080.00	4180900.00	6.88E-01	1.8	SRCGP7	R_PIER50
554080.00	4180920.00	8.21E-01	1.8	SRCGP7	R_PIER50
554080.00	4180940.00	1.00E+00	1.8	SRCGP7	R_PIER50
554080.00	4180960.00	1.25E+00	1.8	SRCGP7	R_PIER50
554100.00	4180840.00	4.38E-01	1.8	SRCGP7	R_PIER50
554100.00	4180860.00	4.97E-01	1.8	SRCGP7	R_PIER50
554100.00	4180880.00	5.72E-01	1.8	SRCGP7	R_PIER50
554100.00	4180900.00	6.70E-01	1.8	SRCGP7	R_PIER50
554100.00	4180920.00	8.00E-01	1.8	SRCGP7	R_PIER50
554100.00	4180940.00	9.74E-01	1.8	SRCGP7	R_PIER50
554100.00	4180960.00	1.20E+00	1.8	SRCGP7	R_PIER50
554120.00	4180840.00	4.25E-01	1.8	SRCGP7	R_PIER50
554120.00	4180860.00	4.83E-01	1.8	SRCGP7	R_PIER50
554120.00	4180880.00	5.57E-01	1.8	SRCGP7	R_PIER50
554120.00	4180900.00	6.54E-01	1.8	SRCGP7	R_PIER50
554120.00	4180920.00	7.81E-01	1.8	SRCGP7	R_PIER50
554120.00	4180940.00	9.48E-01	1.8	SRCGP7	R_PIER50
554120.00	4180960.00	1.16E+00	1.8	SRCGP7	R_PIER50
554140.00	4180840.00	4.14E-01	1.8	SRCGP7	R_PIER50
554140.00	4180860.00	4.71E-01	1.8	SRCGP7	R_PIER50
554140.00	4180880.00	5.45E-01	1.8	SRCGP7	R_PIER50
554140.00	4180900.00	6.40E-01	1.8	SRCGP7	R_PIER50
554140.00	4180920.00	7.64E-01	1.8	SRCGP7	R_PIER50
554140.00	4180940.00	9.23E-01	1.8	SRCGP7	R_PIER50

554140.00	4180960.00	1.13E+00	1.8	SRCGP7	R_PIER50
554160.00	4180840.00	4.04E-01	1.8	SRCGP7	R_PIER50
554160.00	4180860.00	4.61E-01	1.8	SRCGP7	R_PIER50
554160.00	4180880.00	5.34E-01	1.8	SRCGP7	R_PIER50
554160.00	4180900.00	6.28E-01	1.8	SRCGP7	R_PIER50
554160.00	4180920.00	7.47E-01	1.8	SRCGP7	R_PIER50
554160.00	4180940.00	8.99E-01	1.8	SRCGP7	R_PIER50
554160.00	4180960.00	1.09E+00	1.8	SRCGP7	R_PIER50
554180.00	4180840.00	3.96E-01	1.8	SRCGP7	R_PIER50
554180.00	4180860.00	4.52E-01	1.8	SRCGP7	R_PIER50
554180.00	4180880.00	5.25E-01	1.8	SRCGP7	R_PIER50
554180.00	4180900.00	6.16E-01	1.8	SRCGP7	R_PIER50
554180.00	4180920.00	7.32E-01	1.8	SRCGP7	R_PIER50
554180.00	4180940.00	8.75E-01	1.8	SRCGP7	R_PIER50
554180.00	4180960.00	1.05E+00	1.8	SRCGP7	R_PIER50
554200.00	4180840.00	3.89E-01	1.8	SRCGP7	R_PIER50
554200.00	4180860.00	4.45E-01	1.8	SRCGP7	R_PIER50
554200.00	4180880.00	5.16E-01	1.8	SRCGP7	R_PIER50
554200.00	4180900.00	6.05E-01	1.8	SRCGP7	R_PIER50
554200.00	4180920.00	7.16E-01	1.8	SRCGP7	R_PIER50
554200.00	4180940.00	8.51E-01	1.8	SRCGP7	R_PIER50
554200.00	4180960.00	1.01E+00	1.8	SRCGP7	R_PIER50
554220.00	4180840.00	3.82E-01	1.8	SRCGP7	R_PIER50
554220.00	4180860.00	4.38E-01	1.8	SRCGP7	R_PIER50
554220.00	4180880.00	5.08E-01	1.8	SRCGP7	R_PIER50
554220.00	4180900.00	5.95E-01	1.8	SRCGP7	R_PIER50
554220.00	4180920.00	7.01E-01	1.8	SRCGP7	R_PIER50
554220.00	4180940.00	8.27E-01	1.8	SRCGP7	R_PIER50
554220.00	4180960.00	9.74E-01	1.8	SRCGP7	R_PIER50
554240.00	4180820.00	3.32E-01	1.8	SRCGP7	R_PIER50
554240.00	4180840.00	3.77E-01	1.8	SRCGP7	R_PIER50
554240.00	4180860.00	4.32E-01	1.8	SRCGP7	R_PIER50
554240.00	4180880.00	5.01E-01	1.8	SRCGP7	R_PIER50
554240.00	4180900.00	5.85E-01	1.8	SRCGP7	R_PIER50
554240.00	4180920.00	6.85E-01	1.8	SRCGP7	R_PIER50
554240.00	4180940.00	8.03E-01	1.8	SRCGP7	R_PIER50
554240.00	4180960.00	9.38E-01	1.8	SRCGP7	R_PIER50
554260.00	4180820.00	3.28E-01	1.8	SRCGP7	R_PIER50
554260.00	4180840.00	3.72E-01	1.8	SRCGP7	R_PIER50
554260.00	4180860.00	4.27E-01	1.8	SRCGP7	R_PIER50
554260.00	4180880.00	4.94E-01	1.8	SRCGP7	R_PIER50
554260.00	4180900.00	5.74E-01	1.8	SRCGP7	R_PIER50
554260.00	4180920.00	6.69E-01	1.8	SRCGP7	R_PIER50
554260.00	4180940.00	7.79E-01	1.8	SRCGP7	R_PIER50
554260.00	4180960.00	9.02E-01	1.8	SRCGP7	R_PIER50
554280.00	4180800.00	2.88E-01	1.8	SRCGP7	R_PIER50
554280.00	4180820.00	3.24E-01	1.8	SRCGP7	R_PIER50

554280.00	4180840.00	3.68E-01	1.8	SRCGP7	R_PIER50
554280.00	4180860.00	4.22E-01	1.8	SRCGP7	R_PIER50
554280.00	4180880.00	4.87E-01	1.8	SRCGP7	R_PIER50
554280.00	4180900.00	5.64E-01	1.8	SRCGP7	R_PIER50
554280.00	4180920.00	6.53E-01	1.8	SRCGP7	R_PIER50
554280.00	4180940.00	7.55E-01	1.8	SRCGP7	R_PIER50
554280.00	4180960.00	8.67E-01	1.8	SRCGP7	R_PIER50
554300.00	4180780.00	2.55E-01	1.8	SRCGP7	R_PIER50
554300.00	4180800.00	2.84E-01	1.8	SRCGP7	R_PIER50
554300.00	4180820.00	3.20E-01	1.8	SRCGP7	R_PIER50
554300.00	4180840.00	3.64E-01	1.8	SRCGP7	R_PIER50
554300.00	4180860.00	4.17E-01	1.8	SRCGP7	R_PIER50
554300.00	4180880.00	4.80E-01	1.8	SRCGP7	R_PIER50
554300.00	4180900.00	5.53E-01	1.8	SRCGP7	R_PIER50
554300.00	4180920.00	6.37E-01	1.8	SRCGP7	R_PIER50
554300.00	4180940.00	7.30E-01	1.8	SRCGP7	R_PIER50
554300.00	4180960.00	8.33E-01	1.8	SRCGP7	R_PIER50
554320.00	4180780.00	2.52E-01	1.8	SRCGP7	R_PIER50
554320.00	4180800.00	2.81E-01	1.8	SRCGP7	R_PIER50
554320.00	4180820.00	3.17E-01	1.8	SRCGP7	R_PIER50
554320.00	4180840.00	3.60E-01	1.8	SRCGP7	R_PIER50
554320.00	4180860.00	4.12E-01	1.8	SRCGP7	R_PIER50
554320.00	4180880.00	4.72E-01	1.8	SRCGP7	R_PIER50
554320.00	4180900.00	5.41E-01	1.8	SRCGP7	R_PIER50
554320.00	4180920.00	6.20E-01	1.8	SRCGP7	R_PIER50
554320.00	4180940.00	7.06E-01	1.8	SRCGP7	R_PIER50
554320.00	4180960.00	7.99E-01	1.8	SRCGP7	R_PIER50
554340.00	4180760.00	2.25E-01	1.8	SRCGP7	R_PIER50
554340.00	4180780.00	2.49E-01	1.8	SRCGP7	R_PIER50
554340.00	4180800.00	2.79E-01	1.8	SRCGP7	R_PIER50
554340.00	4180820.00	3.15E-01	1.8	SRCGP7	R_PIER50
554340.00	4180840.00	3.57E-01	1.8	SRCGP7	R_PIER50
554340.00	4180860.00	4.07E-01	1.8	SRCGP7	R_PIER50
554340.00	4180880.00	4.64E-01	1.8	SRCGP7	R_PIER50
554340.00	4180900.00	5.30E-01	1.8	SRCGP7	R_PIER50
554340.00	4180920.00	6.03E-01	1.8	SRCGP7	R_PIER50
554340.00	4180940.00	6.82E-01	1.8	SRCGP7	R_PIER50
554340.00	4180960.00	7.67E-01	1.8	SRCGP7	R_PIER50
554360.00	4180760.00	2.23E-01	1.8	SRCGP7	R_PIER50
554360.00	4180780.00	2.47E-01	1.8	SRCGP7	R_PIER50
554360.00	4180800.00	2.77E-01	1.8	SRCGP7	R_PIER50
554360.00	4180820.00	3.12E-01	1.8	SRCGP7	R_PIER50
554360.00	4180840.00	3.53E-01	1.8	SRCGP7	R_PIER50
554360.00	4180860.00	4.01E-01	1.8	SRCGP7	R_PIER50
554360.00	4180880.00	4.56E-01	1.8	SRCGP7	R_PIER50
554360.00	4180900.00	5.18E-01	1.8	SRCGP7	R_PIER50
554360.00	4180920.00	5.86E-01	1.8	SRCGP7	R_PIER50

554360.00	4180940.00	6.59E-01	1.8	SRCGP7	R_PIER50
554360.00	4180960.00	7.36E-01	1.8	SRCGP7	R_PIER50
554380.00	4180740.00	2.00E-01	1.8	SRCGP7	R_PIER50
554380.00	4180760.00	2.21E-01	1.8	SRCGP7	R_PIER50
554380.00	4180780.00	2.45E-01	1.8	SRCGP7	R_PIER50
554380.00	4180800.00	2.75E-01	1.8	SRCGP7	R_PIER50
554380.00	4180820.00	3.09E-01	1.8	SRCGP7	R_PIER50
554380.00	4180840.00	3.50E-01	1.8	SRCGP7	R_PIER50
554380.00	4180860.00	3.96E-01	1.8	SRCGP7	R_PIER50
554380.00	4180880.00	4.48E-01	1.8	SRCGP7	R_PIER50
554380.00	4180900.00	5.06E-01	1.8	SRCGP7	R_PIER50
554380.00	4180920.00	5.69E-01	1.8	SRCGP7	R_PIER50
554380.00	4180940.00	6.36E-01	1.8	SRCGP7	R_PIER50
554380.00	4180960.00	7.06E-01	1.8	SRCGP7	R_PIER50
554400.00	4180740.00	1.98E-01	1.8	SRCGP7	R_PIER50
554400.00	4180760.00	2.19E-01	1.8	SRCGP7	R_PIER50
554400.00	4180780.00	2.44E-01	1.8	SRCGP7	R_PIER50
554400.00	4180800.00	2.73E-01	1.8	SRCGP7	R_PIER50
554400.00	4180820.00	3.07E-01	1.8	SRCGP7	R_PIER50
554400.00	4180840.00	3.46E-01	1.8	SRCGP7	R_PIER50
554400.00	4180860.00	3.90E-01	1.8	SRCGP7	R_PIER50
554400.00	4180880.00	4.39E-01	1.8	SRCGP7	R_PIER50
554400.00	4180900.00	4.94E-01	1.8	SRCGP7	R_PIER50
554400.00	4180920.00	5.52E-01	1.8	SRCGP7	R_PIER50
554400.00	4180940.00	6.13E-01	1.8	SRCGP7	R_PIER50
554400.00	4180960.00	6.77E-01	1.8	SRCGP7	R_PIER50
554420.00	4180720.00	1.79E-01	1.8	SRCGP7	R_PIER50
554420.00	4180740.00	1.97E-01	1.8	SRCGP7	R_PIER50
554420.00	4180760.00	2.18E-01	1.8	SRCGP7	R_PIER50
554420.00	4180780.00	2.42E-01	1.8	SRCGP7	R_PIER50
554420.00	4180800.00	2.71E-01	1.8	SRCGP7	R_PIER50
554420.00	4180820.00	3.04E-01	1.8	SRCGP7	R_PIER50
554420.00	4180840.00	3.41E-01	1.8	SRCGP7	R_PIER50
554420.00	4180860.00	3.84E-01	1.8	SRCGP7	R_PIER50
554420.00	4180880.00	4.31E-01	1.8	SRCGP7	R_PIER50
554420.00	4180900.00	4.81E-01	1.8	SRCGP7	R_PIER50
554420.00	4180920.00	5.35E-01	1.8	SRCGP7	R_PIER50
554420.00	4180940.00	5.91E-01	1.8	SRCGP7	R_PIER50
554420.00	4180960.00	6.49E-01	1.8	SRCGP7	R_PIER50
554440.00	4180720.00	1.78E-01	1.8	SRCGP7	R_PIER50
554440.00	4180740.00	1.96E-01	1.8	SRCGP7	R_PIER50
554440.00	4180760.00	2.16E-01	1.8	SRCGP7	R_PIER50
554440.00	4180780.00	2.41E-01	1.8	SRCGP7	R_PIER50
554440.00	4180800.00	2.69E-01	1.8	SRCGP7	R_PIER50
554440.00	4180820.00	3.01E-01	1.8	SRCGP7	R_PIER50
554440.00	4180840.00	3.37E-01	1.8	SRCGP7	R_PIER50
554440.00	4180860.00	3.77E-01	1.8	SRCGP7	R_PIER50

554440.00	4180880.00	4.21E-01	1.8	SRCGP7	R_PIER50
554440.00	4180900.00	4.69E-01	1.8	SRCGP7	R_PIER50
554440.00	4180920.00	5.19E-01	1.8	SRCGP7	R_PIER50
554440.00	4180940.00	5.70E-01	1.8	SRCGP7	R_PIER50
554440.00	4180960.00	6.22E-01	1.8	SRCGP7	R_PIER50
553680.00	4180480.00	2.26E-01	1.8	SRCGP7	Sensitive
553360.00	4181000.00	7.94E-01	1.8	SRCGP7	Sensitive
553160.00	4180800.00	4.16E-01	1.8	SRCGP7	Sensitive
552940.00	4180980.00	2.36E-01	1.8	SRCGP7	Sensitive
553440.00	4180240.00	1.35E-01	1.8	SRCGP7	Sensitive
553920.00	4180800.00	5.17E-01	1.8	SRCGP7	Sensitive
553400.00	4180440.00	1.98E-01	1.8	SRCGP7	Sensitive
553920.00	4180000.00	6.02E-02	1.8	SRCGP7	Sensitive
553560.00	4180360.00	1.75E-01	1.8	SRCGP7	Sensitive
553360.00	4180340.00	1.58E-01	1.8	SRCGP7	Sensitive
553160.00	4181180.00	2.93E-01	1.8	SRCGP7	Sensitive

**Annual Average Concentraion at Each Receptor Location: Mission Rock Construction Scenario - Source Grou**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	4.24E-01	1.8	SRCGP8	OFF_SITE
553440.00	4180540.00	4.57E-01	1.8	SRCGP8	OFF_SITE
553440.00	4180560.00	4.95E-01	1.8	SRCGP8	OFF_SITE
553440.00	4180580.00	5.37E-01	1.8	SRCGP8	OFF_SITE
553440.00	4180600.00	5.84E-01	1.8	SRCGP8	OFF_SITE
553440.00	4180620.00	6.36E-01	1.8	SRCGP8	OFF_SITE
553440.00	4180640.00	6.93E-01	1.8	SRCGP8	OFF_SITE
553440.00	4180660.00	7.54E-01	1.8	SRCGP8	OFF_SITE
553440.00	4180720.00	9.48E-01	1.8	SRCGP8	OFF_SITE
553440.00	4180740.00	1.01E+00	1.8	SRCGP8	OFF_SITE
553440.00	4180760.00	1.06E+00	1.8	SRCGP8	OFF_SITE
553440.00	4180780.00	1.10E+00	1.8	SRCGP8	OFF_SITE
553440.00	4180800.00	1.13E+00	1.8	SRCGP8	OFF_SITE
553440.00	4180840.00	1.15E+00	1.8	SRCGP8	OFF_SITE
553440.00	4180860.00	1.15E+00	1.8	SRCGP8	OFF_SITE
553440.00	4180880.00	1.12E+00	1.8	SRCGP8	OFF_SITE
553440.00	4180900.00	1.09E+00	1.8	SRCGP8	OFF_SITE
553440.00	4181020.00	8.15E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181040.00	7.73E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181060.00	7.34E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181080.00	6.98E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181160.00	5.84E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181180.00	5.60E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181200.00	5.37E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181220.00	5.14E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181240.00	4.93E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181260.00	4.73E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181300.00	4.35E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181320.00	4.17E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181340.00	4.00E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181360.00	3.83E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181380.00	3.66E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181400.00	3.49E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181420.00	3.33E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181440.00	3.17E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181460.00	3.01E-01	1.8	SRCGP8	OFF_SITE
553440.00	4181480.00	2.86E-01	1.8	SRCGP8	OFF_SITE
553460.00	4180520.00	4.30E-01	1.8	SRCGP8	OFF_SITE
553460.00	4180540.00	4.64E-01	1.8	SRCGP8	OFF_SITE
553460.00	4180560.00	5.02E-01	1.8	SRCGP8	OFF_SITE

553460.00	4180580.00	5.46E-01	1.8	SRCGP8	OFF_SITE
553460.00	4180600.00	5.95E-01	1.8	SRCGP8	OFF_SITE
553460.00	4180620.00	6.50E-01	1.8	SRCGP8	OFF_SITE
553460.00	4180640.00	7.11E-01	1.8	SRCGP8	OFF_SITE
553460.00	4180660.00	7.78E-01	1.8	SRCGP8	OFF_SITE
553460.00	4180700.00	9.24E-01	1.8	SRCGP8	OFF_SITE
553460.00	4180740.00	1.07E+00	1.8	SRCGP8	OFF_SITE
553460.00	4180760.00	1.13E+00	1.8	SRCGP8	OFF_SITE
553460.00	4180780.00	1.19E+00	1.8	SRCGP8	OFF_SITE
553460.00	4180800.00	1.23E+00	1.8	SRCGP8	OFF_SITE
553460.00	4180820.00	1.26E+00	1.8	SRCGP8	OFF_SITE
553460.00	4180860.00	1.27E+00	1.8	SRCGP8	OFF_SITE
553460.00	4180880.00	1.25E+00	1.8	SRCGP8	OFF_SITE
553460.00	4180900.00	1.22E+00	1.8	SRCGP8	OFF_SITE
553460.00	4180920.00	1.17E+00	1.8	SRCGP8	OFF_SITE
553460.00	4181040.00	8.54E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181060.00	8.08E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181120.00	6.94E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181140.00	6.63E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181180.00	6.05E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181200.00	5.78E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181220.00	5.53E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181240.00	5.28E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181260.00	5.05E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181280.00	4.82E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181320.00	4.40E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181340.00	4.20E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181360.00	4.01E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181380.00	3.81E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181400.00	3.62E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181420.00	3.44E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181440.00	3.26E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181460.00	3.08E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181500.00	2.76E-01	1.8	SRCGP8	OFF_SITE
553460.00	4181520.00	2.61E-01	1.8	SRCGP8	OFF_SITE
553480.00	4180520.00	4.36E-01	1.8	SRCGP8	OFF_SITE
553480.00	4180540.00	4.71E-01	1.8	SRCGP8	OFF_SITE
553480.00	4180560.00	5.10E-01	1.8	SRCGP8	OFF_SITE
553480.00	4180580.00	5.55E-01	1.8	SRCGP8	OFF_SITE
553480.00	4180600.00	6.06E-01	1.8	SRCGP8	OFF_SITE
553480.00	4180620.00	6.63E-01	1.8	SRCGP8	OFF_SITE
553480.00	4180640.00	7.28E-01	1.8	SRCGP8	OFF_SITE
553480.00	4180660.00	8.00E-01	1.8	SRCGP8	OFF_SITE
553480.00	4180700.00	9.63E-01	1.8	SRCGP8	OFF_SITE
553480.00	4180720.00	1.05E+00	1.8	SRCGP8	OFF_SITE
553480.00	4180760.00	1.21E+00	1.8	SRCGP8	OFF_SITE
553480.00	4180780.00	1.28E+00	1.8	SRCGP8	OFF_SITE

553480.00	4180800.00	1.34E+00	1.8	SRCGP8	OFF_SITE
553480.00	4180820.00	1.38E+00	1.8	SRCGP8	OFF_SITE
553480.00	4180840.00	1.40E+00	1.8	SRCGP8	OFF_SITE
553480.00	4180880.00	1.39E+00	1.8	SRCGP8	OFF_SITE
553480.00	4180900.00	1.36E+00	1.8	SRCGP8	OFF_SITE
553480.00	4180920.00	1.32E+00	1.8	SRCGP8	OFF_SITE
553480.00	4180940.00	1.26E+00	1.8	SRCGP8	OFF_SITE
553480.00	4180960.00	1.20E+00	1.8	SRCGP8	OFF_SITE
553480.00	4181040.00	9.49E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181080.00	8.46E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181100.00	8.01E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181120.00	7.61E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181140.00	7.24E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181160.00	6.89E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181200.00	6.25E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181220.00	5.95E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181240.00	5.66E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181260.00	5.39E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181280.00	5.13E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181300.00	4.88E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181340.00	4.41E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181360.00	4.18E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181380.00	3.96E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181400.00	3.75E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181420.00	3.54E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181440.00	3.34E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181480.00	2.97E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181500.00	2.80E-01	1.8	SRCGP8	OFF_SITE
553480.00	4181520.00	2.64E-01	1.8	SRCGP8	OFF_SITE
553500.00	4180520.00	4.43E-01	1.8	SRCGP8	OFF_SITE
553500.00	4180540.00	4.78E-01	1.8	SRCGP8	OFF_SITE
553500.00	4180560.00	5.19E-01	1.8	SRCGP8	OFF_SITE
553500.00	4180580.00	5.65E-01	1.8	SRCGP8	OFF_SITE
553500.00	4180600.00	6.17E-01	1.8	SRCGP8	OFF_SITE
553500.00	4180620.00	6.77E-01	1.8	SRCGP8	OFF_SITE
553500.00	4180640.00	7.45E-01	1.8	SRCGP8	OFF_SITE
553500.00	4180660.00	8.23E-01	1.8	SRCGP8	OFF_SITE
553500.00	4180700.00	1.00E+00	1.8	SRCGP8	OFF_SITE
553500.00	4180720.00	1.10E+00	1.8	SRCGP8	OFF_SITE
553500.00	4180740.00	1.20E+00	1.8	SRCGP8	OFF_SITE
553500.00	4180780.00	1.38E+00	1.8	SRCGP8	OFF_SITE
553500.00	4180800.00	1.46E+00	1.8	SRCGP8	OFF_SITE
553500.00	4180820.00	1.51E+00	1.8	SRCGP8	OFF_SITE
553500.00	4180840.00	1.55E+00	1.8	SRCGP8	OFF_SITE
553500.00	4180860.00	1.57E+00	1.8	SRCGP8	OFF_SITE
553500.00	4180900.00	1.53E+00	1.8	SRCGP8	OFF_SITE
553500.00	4180920.00	1.49E+00	1.8	SRCGP8	OFF_SITE



553500.00	4180940.00	1.42E+00	1.8	SRCGP8	OFF_SITE
553500.00	4180960.00	1.35E+00	1.8	SRCGP8	OFF_SITE
553500.00	4180980.00	1.28E+00	1.8	SRCGP8	OFF_SITE
553500.00	4181000.00	1.20E+00	1.8	SRCGP8	OFF_SITE
553500.00	4181060.00	9.98E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181080.00	9.39E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181100.00	8.86E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181120.00	8.38E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181140.00	7.93E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181160.00	7.52E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181180.00	7.13E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181220.00	6.41E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181240.00	6.07E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181260.00	5.75E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181280.00	5.45E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181300.00	5.16E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181320.00	4.89E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181360.00	4.36E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181380.00	4.11E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181400.00	3.86E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181420.00	3.63E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181460.00	3.21E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181480.00	3.01E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181500.00	2.83E-01	1.8	SRCGP8	OFF_SITE
553500.00	4181520.00	2.66E-01	1.8	SRCGP8	OFF_SITE
553520.00	4180520.00	4.50E-01	1.8	SRCGP8	OFF_SITE
553520.00	4180540.00	4.86E-01	1.8	SRCGP8	OFF_SITE
553520.00	4180560.00	5.27E-01	1.8	SRCGP8	OFF_SITE
553520.00	4180580.00	5.75E-01	1.8	SRCGP8	OFF_SITE
553520.00	4180600.00	6.29E-01	1.8	SRCGP8	OFF_SITE
553520.00	4180620.00	6.91E-01	1.8	SRCGP8	OFF_SITE
553520.00	4180640.00	7.63E-01	1.8	SRCGP8	OFF_SITE
553520.00	4180660.00	8.45E-01	1.8	SRCGP8	OFF_SITE
553520.00	4180700.00	1.04E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180720.00	1.15E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180740.00	1.27E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180760.00	1.38E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180800.00	1.59E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180820.00	1.67E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180840.00	1.72E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180860.00	1.75E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180880.00	1.76E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180920.00	1.69E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180940.00	1.62E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180960.00	1.54E+00	1.8	SRCGP8	OFF_SITE
553520.00	4180980.00	1.45E+00	1.8	SRCGP8	OFF_SITE
553520.00	4181000.00	1.37E+00	1.8	SRCGP8	OFF_SITE

553520.00	4181080.00	1.05E+00	1.8	SRCGP8	OFF_SITE
553520.00	4181100.00	9.84E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181120.00	9.26E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181140.00	8.73E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181160.00	8.24E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181180.00	7.77E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181200.00	7.33E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181240.00	6.51E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181260.00	6.14E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181280.00	5.79E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181300.00	5.45E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181320.00	5.13E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181340.00	4.82E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181380.00	4.24E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181400.00	3.97E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181440.00	3.48E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181460.00	3.26E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181480.00	3.05E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181500.00	2.86E-01	1.8	SRCGP8	OFF_SITE
553520.00	4181520.00	2.69E-01	1.8	SRCGP8	OFF_SITE
553540.00	4180520.00	4.57E-01	1.8	SRCGP8	OFF_SITE
553540.00	4180540.00	4.94E-01	1.8	SRCGP8	OFF_SITE
553540.00	4180560.00	5.37E-01	1.8	SRCGP8	OFF_SITE
553540.00	4180580.00	5.85E-01	1.8	SRCGP8	OFF_SITE
553540.00	4180600.00	6.41E-01	1.8	SRCGP8	OFF_SITE
553540.00	4180620.00	7.05E-01	1.8	SRCGP8	OFF_SITE
553540.00	4180640.00	7.80E-01	1.8	SRCGP8	OFF_SITE
553540.00	4180660.00	8.67E-01	1.8	SRCGP8	OFF_SITE
553540.00	4180700.00	1.08E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180720.00	1.20E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180740.00	1.34E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180760.00	1.48E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180780.00	1.61E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180820.00	1.84E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180840.00	1.92E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180860.00	1.97E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180880.00	1.99E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180900.00	1.98E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180940.00	1.86E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180960.00	1.77E+00	1.8	SRCGP8	OFF_SITE
553540.00	4180980.00	1.67E+00	1.8	SRCGP8	OFF_SITE
553540.00	4181100.00	1.10E+00	1.8	SRCGP8	OFF_SITE
553540.00	4181120.00	1.03E+00	1.8	SRCGP8	OFF_SITE
553540.00	4181140.00	9.64E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181160.00	9.04E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181180.00	8.48E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181200.00	7.95E-01	1.8	SRCGP8	OFF_SITE

553540.00	4181220.00	7.45E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181260.00	6.55E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181280.00	6.13E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181300.00	5.74E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181320.00	5.37E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181340.00	5.02E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181360.00	4.68E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181420.00	3.79E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181440.00	3.53E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181460.00	3.30E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181480.00	3.08E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181500.00	2.88E-01	1.8	SRCGP8	OFF_SITE
553540.00	4181520.00	2.70E-01	1.8	SRCGP8	OFF_SITE
553560.00	4180520.00	4.64E-01	1.8	SRCGP8	OFF_SITE
553560.00	4180540.00	5.02E-01	1.8	SRCGP8	OFF_SITE
553560.00	4180560.00	5.46E-01	1.8	SRCGP8	OFF_SITE
553560.00	4180580.00	5.96E-01	1.8	SRCGP8	OFF_SITE
553560.00	4180600.00	6.53E-01	1.8	SRCGP8	OFF_SITE
553560.00	4180620.00	7.20E-01	1.8	SRCGP8	OFF_SITE
553560.00	4180640.00	7.98E-01	1.8	SRCGP8	OFF_SITE
553560.00	4180660.00	8.88E-01	1.8	SRCGP8	OFF_SITE
553560.00	4180700.00	1.12E+00	1.8	SRCGP8	OFF_SITE
553560.00	4180720.00	1.26E+00	1.8	SRCGP8	OFF_SITE
553560.00	4180740.00	1.41E+00	1.8	SRCGP8	OFF_SITE
553560.00	4180760.00	1.57E+00	1.8	SRCGP8	OFF_SITE
553560.00	4180780.00	1.74E+00	1.8	SRCGP8	OFF_SITE
553560.00	4180800.00	1.89E+00	1.8	SRCGP8	OFF_SITE
553560.00	4180840.00	2.14E+00	1.8	SRCGP8	OFF_SITE
553560.00	4180860.00	2.22E+00	1.8	SRCGP8	OFF_SITE
553560.00	4180880.00	2.26E+00	1.8	SRCGP8	OFF_SITE
553560.00	4180900.00	2.27E+00	1.8	SRCGP8	OFF_SITE
553560.00	4180920.00	2.23E+00	1.8	SRCGP8	OFF_SITE
553560.00	4181000.00	1.81E+00	1.8	SRCGP8	OFF_SITE
553560.00	4181020.00	1.68E+00	1.8	SRCGP8	OFF_SITE
553560.00	4181120.00	1.15E+00	1.8	SRCGP8	OFF_SITE
553560.00	4181140.00	1.07E+00	1.8	SRCGP8	OFF_SITE
553560.00	4181160.00	9.96E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181180.00	9.27E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181200.00	8.63E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181220.00	8.04E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181240.00	7.48E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181280.00	6.49E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181300.00	6.03E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181320.00	5.60E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181340.00	5.20E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181420.00	3.85E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181440.00	3.58E-01	1.8	SRCGP8	OFF_SITE

553560.00	4181460.00	3.33E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181480.00	3.11E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181500.00	2.90E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181520.00	2.71E-01	1.8	SRCGP8	OFF_SITE
553580.00	4180520.00	4.71E-01	1.8	SRCGP8	OFF_SITE
553580.00	4180540.00	5.10E-01	1.8	SRCGP8	OFF_SITE
553580.00	4180560.00	5.55E-01	1.8	SRCGP8	OFF_SITE
553580.00	4180580.00	6.06E-01	1.8	SRCGP8	OFF_SITE
553580.00	4180600.00	6.66E-01	1.8	SRCGP8	OFF_SITE
553580.00	4180620.00	7.34E-01	1.8	SRCGP8	OFF_SITE
553580.00	4180640.00	8.15E-01	1.8	SRCGP8	OFF_SITE
553580.00	4180660.00	9.10E-01	1.8	SRCGP8	OFF_SITE
553580.00	4180700.00	1.15E+00	1.8	SRCGP8	OFF_SITE
553580.00	4180720.00	1.31E+00	1.8	SRCGP8	OFF_SITE
553580.00	4180740.00	1.48E+00	1.8	SRCGP8	OFF_SITE
553580.00	4180760.00	1.67E+00	1.8	SRCGP8	OFF_SITE
553580.00	4180780.00	1.87E+00	1.8	SRCGP8	OFF_SITE
553580.00	4180800.00	2.07E+00	1.8	SRCGP8	OFF_SITE
553580.00	4180820.00	2.25E+00	1.8	SRCGP8	OFF_SITE
553580.00	4181000.00	2.12E+00	1.8	SRCGP8	OFF_SITE
553580.00	4181020.00	1.96E+00	1.8	SRCGP8	OFF_SITE
553580.00	4181040.00	1.80E+00	1.8	SRCGP8	OFF_SITE
553580.00	4181140.00	1.19E+00	1.8	SRCGP8	OFF_SITE
553580.00	4181160.00	1.10E+00	1.8	SRCGP8	OFF_SITE
553580.00	4181180.00	1.01E+00	1.8	SRCGP8	OFF_SITE
553580.00	4181200.00	9.37E-01	1.8	SRCGP8	OFF_SITE
553580.00	4181220.00	8.66E-01	1.8	SRCGP8	OFF_SITE
553580.00	4181240.00	8.01E-01	1.8	SRCGP8	OFF_SITE
553580.00	4181260.00	7.40E-01	1.8	SRCGP8	OFF_SITE
553580.00	4181300.00	6.31E-01	1.8	SRCGP8	OFF_SITE
553580.00	4181320.00	5.82E-01	1.8	SRCGP8	OFF_SITE
553580.00	4181440.00	3.62E-01	1.8	SRCGP8	OFF_SITE
553580.00	4181460.00	3.36E-01	1.8	SRCGP8	OFF_SITE
553580.00	4181480.00	3.12E-01	1.8	SRCGP8	OFF_SITE
553580.00	4181500.00	2.91E-01	1.8	SRCGP8	OFF_SITE
553580.00	4181520.00	2.71E-01	1.8	SRCGP8	OFF_SITE
553600.00	4180800.00	2.26E+00	1.8	SRCGP8	OFF_SITE
553600.00	4180820.00	2.49E+00	1.8	SRCGP8	OFF_SITE
553600.00	4180840.00	2.70E+00	1.8	SRCGP8	OFF_SITE
553600.00	4180860.00	2.86E+00	1.8	SRCGP8	OFF_SITE
553600.00	4180900.00	3.04E+00	1.8	SRCGP8	OFF_SITE
553600.00	4180920.00	3.04E+00	1.8	SRCGP8	OFF_SITE
553600.00	4180940.00	2.97E+00	1.8	SRCGP8	OFF_SITE
553600.00	4181000.00	2.51E+00	1.8	SRCGP8	OFF_SITE
553600.00	4181020.00	2.31E+00	1.8	SRCGP8	OFF_SITE
553600.00	4181040.00	2.11E+00	1.8	SRCGP8	OFF_SITE
553600.00	4181060.00	1.92E+00	1.8	SRCGP8	OFF_SITE

553600.00	4181160.00	1.22E+00	1.8	SRCGP8	OFF_SITE
553600.00	4181180.00	1.11E+00	1.8	SRCGP8	OFF_SITE
553600.00	4181200.00	1.02E+00	1.8	SRCGP8	OFF_SITE
553600.00	4181220.00	9.32E-01	1.8	SRCGP8	OFF_SITE
553600.00	4181240.00	8.54E-01	1.8	SRCGP8	OFF_SITE
553600.00	4181260.00	7.83E-01	1.8	SRCGP8	OFF_SITE
553600.00	4181280.00	7.17E-01	1.8	SRCGP8	OFF_SITE
553600.00	4181460.00	3.37E-01	1.8	SRCGP8	OFF_SITE
553600.00	4181480.00	3.13E-01	1.8	SRCGP8	OFF_SITE
553600.00	4181500.00	2.91E-01	1.8	SRCGP8	OFF_SITE
553600.00	4181520.00	2.71E-01	1.8	SRCGP8	OFF_SITE
553620.00	4180520.00	4.83E-01	1.8	SRCGP8	OFF_SITE
553620.00	4180540.00	5.24E-01	1.8	SRCGP8	OFF_SITE
553620.00	4180560.00	5.72E-01	1.8	SRCGP8	OFF_SITE
553620.00	4180600.00	6.90E-01	1.8	SRCGP8	OFF_SITE
553620.00	4180620.00	7.63E-01	1.8	SRCGP8	OFF_SITE
553620.00	4180640.00	8.50E-01	1.8	SRCGP8	OFF_SITE
553620.00	4180660.00	9.54E-01	1.8	SRCGP8	OFF_SITE
553620.00	4180700.00	1.23E+00	1.8	SRCGP8	OFF_SITE
553620.00	4180720.00	1.41E+00	1.8	SRCGP8	OFF_SITE
553620.00	4180740.00	1.62E+00	1.8	SRCGP8	OFF_SITE
553620.00	4180760.00	1.88E+00	1.8	SRCGP8	OFF_SITE
553620.00	4180780.00	2.16E+00	1.8	SRCGP8	OFF_SITE
553620.00	4180800.00	2.46E+00	1.8	SRCGP8	OFF_SITE
553620.00	4180820.00	2.77E+00	1.8	SRCGP8	OFF_SITE
553620.00	4180840.00	3.04E+00	1.8	SRCGP8	OFF_SITE
553620.00	4180860.00	3.28E+00	1.8	SRCGP8	OFF_SITE
553620.00	4180900.00	3.56E+00	1.8	SRCGP8	OFF_SITE
553620.00	4180920.00	3.59E+00	1.8	SRCGP8	OFF_SITE
553620.00	4180940.00	3.55E+00	1.8	SRCGP8	OFF_SITE
553620.00	4181000.00	3.02E+00	1.8	SRCGP8	OFF_SITE
553620.00	4181020.00	2.76E+00	1.8	SRCGP8	OFF_SITE
553620.00	4181040.00	2.50E+00	1.8	SRCGP8	OFF_SITE
553620.00	4181060.00	2.25E+00	1.8	SRCGP8	OFF_SITE
553620.00	4181080.00	2.03E+00	1.8	SRCGP8	OFF_SITE
553620.00	4181180.00	1.22E+00	1.8	SRCGP8	OFF_SITE
553620.00	4181200.00	1.10E+00	1.8	SRCGP8	OFF_SITE
553620.00	4181220.00	1.00E+00	1.8	SRCGP8	OFF_SITE
553620.00	4181240.00	9.08E-01	1.8	SRCGP8	OFF_SITE
553620.00	4181260.00	8.25E-01	1.8	SRCGP8	OFF_SITE
553620.00	4181280.00	7.49E-01	1.8	SRCGP8	OFF_SITE
553620.00	4181480.00	3.12E-01	1.8	SRCGP8	OFF_SITE
553620.00	4181500.00	2.90E-01	1.8	SRCGP8	OFF_SITE
553620.00	4181520.00	2.69E-01	1.8	SRCGP8	OFF_SITE
553640.00	4180520.00	4.86E-01	1.8	SRCGP8	OFF_SITE
553640.00	4180540.00	5.29E-01	1.8	SRCGP8	OFF_SITE
553640.00	4180560.00	5.78E-01	1.8	SRCGP8	OFF_SITE

553640.00	4180600.00	7.00E-01	1.8	SRCGP8	OFF_SITE
553640.00	4180620.00	7.76E-01	1.8	SRCGP8	OFF_SITE
553640.00	4180640.00	8.66E-01	1.8	SRCGP8	OFF_SITE
553640.00	4180660.00	9.74E-01	1.8	SRCGP8	OFF_SITE
553640.00	4180700.00	1.26E+00	1.8	SRCGP8	OFF_SITE
553640.00	4180720.00	1.45E+00	1.8	SRCGP8	OFF_SITE
553640.00	4180740.00	1.69E+00	1.8	SRCGP8	OFF_SITE
553640.00	4180760.00	1.98E+00	1.8	SRCGP8	OFF_SITE
553640.00	4180780.00	2.31E+00	1.8	SRCGP8	OFF_SITE
553640.00	4180800.00	2.69E+00	1.8	SRCGP8	OFF_SITE
553640.00	4180820.00	3.08E+00	1.8	SRCGP8	OFF_SITE
553640.00	4180840.00	3.45E+00	1.8	SRCGP8	OFF_SITE
553640.00	4180860.00	3.78E+00	1.8	SRCGP8	OFF_SITE
553640.00	4180900.00	4.22E+00	1.8	SRCGP8	OFF_SITE
553640.00	4180920.00	4.30E+00	1.8	SRCGP8	OFF_SITE
553640.00	4180940.00	4.29E+00	1.8	SRCGP8	OFF_SITE
553640.00	4181000.00	3.69E+00	1.8	SRCGP8	OFF_SITE
553640.00	4181020.00	3.36E+00	1.8	SRCGP8	OFF_SITE
553640.00	4181040.00	3.02E+00	1.8	SRCGP8	OFF_SITE
553640.00	4181060.00	2.68E+00	1.8	SRCGP8	OFF_SITE
553640.00	4181080.00	2.38E+00	1.8	SRCGP8	OFF_SITE
553640.00	4181100.00	2.11E+00	1.8	SRCGP8	OFF_SITE
553640.00	4181200.00	1.19E+00	1.8	SRCGP8	OFF_SITE
553640.00	4181220.00	1.07E+00	1.8	SRCGP8	OFF_SITE
553640.00	4181240.00	9.61E-01	1.8	SRCGP8	OFF_SITE
553640.00	4181260.00	8.65E-01	1.8	SRCGP8	OFF_SITE
553640.00	4181500.00	2.87E-01	1.8	SRCGP8	OFF_SITE
553640.00	4181520.00	2.67E-01	1.8	SRCGP8	OFF_SITE
553660.00	4180520.00	4.87E-01	1.8	SRCGP8	OFF_SITE
553660.00	4180540.00	5.31E-01	1.8	SRCGP8	OFF_SITE
553660.00	4180560.00	5.82E-01	1.8	SRCGP8	OFF_SITE
553660.00	4180600.00	7.07E-01	1.8	SRCGP8	OFF_SITE
553660.00	4180620.00	7.86E-01	1.8	SRCGP8	OFF_SITE
553660.00	4180640.00	8.80E-01	1.8	SRCGP8	OFF_SITE
553660.00	4180660.00	9.92E-01	1.8	SRCGP8	OFF_SITE
553660.00	4180700.00	1.29E+00	1.8	SRCGP8	OFF_SITE
553660.00	4180720.00	1.50E+00	1.8	SRCGP8	OFF_SITE
553660.00	4180740.00	1.76E+00	1.8	SRCGP8	OFF_SITE
553660.00	4180760.00	2.08E+00	1.8	SRCGP8	OFF_SITE
553660.00	4180780.00	2.46E+00	1.8	SRCGP8	OFF_SITE
553660.00	4180800.00	2.92E+00	1.8	SRCGP8	OFF_SITE
553660.00	4180820.00	3.42E+00	1.8	SRCGP8	OFF_SITE
553660.00	4180840.00	3.92E+00	1.8	SRCGP8	OFF_SITE
553660.00	4180860.00	4.39E+00	1.8	SRCGP8	OFF_SITE
553660.00	4180900.00	5.05E+00	1.8	SRCGP8	OFF_SITE
553660.00	4180920.00	5.22E+00	1.8	SRCGP8	OFF_SITE
553660.00	4180940.00	5.26E+00	1.8	SRCGP8	OFF_SITE

553660.00	4181000.00	4.61E+00	1.8	SRCGP8	OFF_SITE
553660.00	4181020.00	4.18E+00	1.8	SRCGP8	OFF_SITE
553660.00	4181040.00	3.71E+00	1.8	SRCGP8	OFF_SITE
553660.00	4181060.00	3.25E+00	1.8	SRCGP8	OFF_SITE
553660.00	4181080.00	2.83E+00	1.8	SRCGP8	OFF_SITE
553660.00	4181100.00	2.47E+00	1.8	SRCGP8	OFF_SITE
553660.00	4181120.00	2.15E+00	1.8	SRCGP8	OFF_SITE
553660.00	4181220.00	1.14E+00	1.8	SRCGP8	OFF_SITE
553660.00	4181240.00	1.01E+00	1.8	SRCGP8	OFF_SITE
553660.00	4181520.00	2.63E-01	1.8	SRCGP8	OFF_SITE
553680.00	4180520.00	4.85E-01	1.8	SRCGP8	OFF_SITE
553680.00	4180540.00	5.30E-01	1.8	SRCGP8	OFF_SITE
553680.00	4180560.00	5.82E-01	1.8	SRCGP8	OFF_SITE
553680.00	4180600.00	7.11E-01	1.8	SRCGP8	OFF_SITE
553680.00	4180620.00	7.93E-01	1.8	SRCGP8	OFF_SITE
553680.00	4180640.00	8.90E-01	1.8	SRCGP8	OFF_SITE
553680.00	4180660.00	1.01E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180700.00	1.32E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180720.00	1.54E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180740.00	1.82E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180760.00	2.17E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180780.00	2.61E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180800.00	3.16E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180820.00	3.80E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180840.00	4.48E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180860.00	5.14E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180900.00	6.15E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180920.00	6.44E+00	1.8	SRCGP8	OFF_SITE
553680.00	4180940.00	6.57E+00	1.8	SRCGP8	OFF_SITE
553680.00	4181000.00	5.88E+00	1.8	SRCGP8	OFF_SITE
553680.00	4181020.00	5.32E+00	1.8	SRCGP8	OFF_SITE
553680.00	4181040.00	4.67E+00	1.8	SRCGP8	OFF_SITE
553680.00	4181060.00	4.01E+00	1.8	SRCGP8	OFF_SITE
553680.00	4181080.00	3.42E+00	1.8	SRCGP8	OFF_SITE
553680.00	4181100.00	2.91E+00	1.8	SRCGP8	OFF_SITE
553680.00	4181120.00	2.48E+00	1.8	SRCGP8	OFF_SITE
553680.00	4181140.00	2.12E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180520.00	4.80E-01	1.8	SRCGP8	OFF_SITE
553700.00	4180540.00	5.26E-01	1.8	SRCGP8	OFF_SITE
553700.00	4180560.00	5.78E-01	1.8	SRCGP8	OFF_SITE
553700.00	4180600.00	7.10E-01	1.8	SRCGP8	OFF_SITE
553700.00	4180620.00	7.94E-01	1.8	SRCGP8	OFF_SITE
553700.00	4180640.00	8.93E-01	1.8	SRCGP8	OFF_SITE
553700.00	4180660.00	1.01E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180700.00	1.34E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180720.00	1.57E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180740.00	1.87E+00	1.8	SRCGP8	OFF_SITE

553700.00	4180760.00	2.25E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180780.00	2.75E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180800.00	3.40E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180820.00	4.21E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180840.00	5.14E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180860.00	6.08E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180900.00	7.62E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180920.00	8.10E+00	1.8	SRCGP8	OFF_SITE
553700.00	4180940.00	8.36E+00	1.8	SRCGP8	OFF_SITE
553700.00	4181000.00	7.70E+00	1.8	SRCGP8	OFF_SITE
553700.00	4181020.00	6.96E+00	1.8	SRCGP8	OFF_SITE
553700.00	4181040.00	6.04E+00	1.8	SRCGP8	OFF_SITE
553700.00	4181060.00	5.08E+00	1.8	SRCGP8	OFF_SITE
553700.00	4181080.00	4.20E+00	1.8	SRCGP8	OFF_SITE
553700.00	4181100.00	3.46E+00	1.8	SRCGP8	OFF_SITE
553700.00	4181120.00	2.87E+00	1.8	SRCGP8	OFF_SITE
553700.00	4181140.00	2.39E+00	1.8	SRCGP8	OFF_SITE
553720.00	4180520.00	4.71E-01	1.8	SRCGP8	OFF_SITE
553720.00	4180540.00	5.17E-01	1.8	SRCGP8	OFF_SITE
553720.00	4180560.00	5.69E-01	1.8	SRCGP8	OFF_SITE
553720.00	4180600.00	7.02E-01	1.8	SRCGP8	OFF_SITE
553720.00	4180620.00	7.87E-01	1.8	SRCGP8	OFF_SITE
553720.00	4180640.00	8.89E-01	1.8	SRCGP8	OFF_SITE
553720.00	4180660.00	1.01E+00	1.8	SRCGP8	OFF_SITE
553740.00	4180520.00	4.58E-01	1.8	SRCGP8	OFF_SITE
553740.00	4180540.00	5.03E-01	1.8	SRCGP8	OFF_SITE
553740.00	4180560.00	5.56E-01	1.8	SRCGP8	OFF_SITE
553760.00	4180620.00	7.50E-01	1.8	SRCGP8	OFF_SITE
553760.00	4180640.00	8.51E-01	1.8	SRCGP8	OFF_SITE
553760.00	4180660.00	9.73E-01	1.8	SRCGP8	OFF_SITE
553760.00	4180680.00	1.13E+00	1.8	SRCGP8	OFF_SITE
553760.00	4180720.00	1.56E+00	1.8	SRCGP8	OFF_SITE
553760.00	4180740.00	1.89E+00	1.8	SRCGP8	OFF_SITE
553760.00	4180760.00	2.34E+00	1.8	SRCGP8	OFF_SITE
553760.00	4180780.00	2.97E+00	1.8	SRCGP8	OFF_SITE
553780.00	4180520.00	4.25E-01	1.8	SRCGP8	OFF_SITE
553780.00	4180540.00	4.67E-01	1.8	SRCGP8	OFF_SITE
553780.00	4180560.00	5.15E-01	1.8	SRCGP8	OFF_SITE
553780.00	4180580.00	5.72E-01	1.8	SRCGP8	OFF_SITE
553780.00	4180600.00	6.40E-01	1.8	SRCGP8	OFF_SITE
553780.00	4180620.00	7.20E-01	1.8	SRCGP8	OFF_SITE
553780.00	4180640.00	8.17E-01	1.8	SRCGP8	OFF_SITE
553780.00	4180660.00	9.36E-01	1.8	SRCGP8	OFF_SITE
553780.00	4180680.00	1.08E+00	1.8	SRCGP8	OFF_SITE
553780.00	4180720.00	1.51E+00	1.8	SRCGP8	OFF_SITE
553780.00	4180740.00	1.84E+00	1.8	SRCGP8	OFF_SITE
553780.00	4180760.00	2.28E+00	1.8	SRCGP8	OFF_SITE



553780.00	4180780.00	2.92E+00	1.8	SRCGP8	OFF_SITE
553800.00	4180520.00	4.06E-01	1.8	SRCGP8	OFF_SITE
553800.00	4180540.00	4.45E-01	1.8	SRCGP8	OFF_SITE
553800.00	4180560.00	4.91E-01	1.8	SRCGP8	OFF_SITE
553800.00	4180580.00	5.45E-01	1.8	SRCGP8	OFF_SITE
553800.00	4180600.00	6.08E-01	1.8	SRCGP8	OFF_SITE
553800.00	4180620.00	6.84E-01	1.8	SRCGP8	OFF_SITE
553800.00	4180640.00	7.76E-01	1.8	SRCGP8	OFF_SITE
553800.00	4180660.00	8.88E-01	1.8	SRCGP8	OFF_SITE
553800.00	4180680.00	1.03E+00	1.8	SRCGP8	OFF_SITE
553800.00	4180720.00	1.44E+00	1.8	SRCGP8	OFF_SITE
553800.00	4180740.00	1.75E+00	1.8	SRCGP8	OFF_SITE
553800.00	4180760.00	2.17E+00	1.8	SRCGP8	OFF_SITE
553800.00	4180780.00	2.79E+00	1.8	SRCGP8	OFF_SITE
553820.00	4180520.00	3.86E-01	1.8	SRCGP8	OFF_SITE
553820.00	4180540.00	4.23E-01	1.8	SRCGP8	OFF_SITE
553820.00	4180560.00	4.66E-01	1.8	SRCGP8	OFF_SITE
553820.00	4180580.00	5.16E-01	1.8	SRCGP8	OFF_SITE
553820.00	4180620.00	6.46E-01	1.8	SRCGP8	OFF_SITE
553820.00	4180640.00	7.31E-01	1.8	SRCGP8	OFF_SITE
553820.00	4180660.00	8.35E-01	1.8	SRCGP8	OFF_SITE
553820.00	4180680.00	9.65E-01	1.8	SRCGP8	OFF_SITE
553820.00	4180720.00	1.34E+00	1.8	SRCGP8	OFF_SITE
553820.00	4180740.00	1.63E+00	1.8	SRCGP8	OFF_SITE
553820.00	4180760.00	2.02E+00	1.8	SRCGP8	OFF_SITE
553820.00	4180780.00	2.59E+00	1.8	SRCGP8	OFF_SITE
553840.00	4180520.00	3.66E-01	1.8	SRCGP8	OFF_SITE
553840.00	4180540.00	4.01E-01	1.8	SRCGP8	OFF_SITE
553840.00	4180560.00	4.40E-01	1.8	SRCGP8	OFF_SITE
553840.00	4180580.00	4.87E-01	1.8	SRCGP8	OFF_SITE
553840.00	4180620.00	6.06E-01	1.8	SRCGP8	OFF_SITE
553840.00	4180640.00	6.85E-01	1.8	SRCGP8	OFF_SITE
553840.00	4180660.00	7.80E-01	1.8	SRCGP8	OFF_SITE
553840.00	4180680.00	8.98E-01	1.8	SRCGP8	OFF_SITE
553840.00	4180720.00	1.24E+00	1.8	SRCGP8	OFF_SITE
553840.00	4180740.00	1.50E+00	1.8	SRCGP8	OFF_SITE
553840.00	4180760.00	1.85E+00	1.8	SRCGP8	OFF_SITE
553840.00	4180780.00	2.36E+00	1.8	SRCGP8	OFF_SITE
553860.00	4180520.00	3.48E-01	1.8	SRCGP8	OFF_SITE
553860.00	4180540.00	3.80E-01	1.8	SRCGP8	OFF_SITE
553860.00	4180560.00	4.16E-01	1.8	SRCGP8	OFF_SITE
553860.00	4180580.00	4.59E-01	1.8	SRCGP8	OFF_SITE
553860.00	4180620.00	5.69E-01	1.8	SRCGP8	OFF_SITE
553860.00	4180640.00	6.40E-01	1.8	SRCGP8	OFF_SITE
553860.00	4180660.00	7.27E-01	1.8	SRCGP8	OFF_SITE
553860.00	4180680.00	8.34E-01	1.8	SRCGP8	OFF_SITE
553860.00	4180720.00	1.14E+00	1.8	SRCGP8	OFF_SITE

553860.00	4180740.00	1.37E+00	1.8	SRCGP8	OFF_SITE
553860.00	4180760.00	1.68E+00	1.8	SRCGP8	OFF_SITE
553860.00	4180780.00	2.13E+00	1.8	SRCGP8	OFF_SITE
553880.00	4180520.00	3.30E-01	1.8	SRCGP8	OFF_SITE
553880.00	4180540.00	3.60E-01	1.8	SRCGP8	OFF_SITE
553880.00	4180560.00	3.94E-01	1.8	SRCGP8	OFF_SITE
553880.00	4180580.00	4.34E-01	1.8	SRCGP8	OFF_SITE
553880.00	4180620.00	5.35E-01	1.8	SRCGP8	OFF_SITE
553880.00	4180640.00	6.00E-01	1.8	SRCGP8	OFF_SITE
553880.00	4180660.00	6.79E-01	1.8	SRCGP8	OFF_SITE
553880.00	4180680.00	7.75E-01	1.8	SRCGP8	OFF_SITE
553880.00	4180720.00	1.05E+00	1.8	SRCGP8	OFF_SITE
553880.00	4180740.00	1.26E+00	1.8	SRCGP8	OFF_SITE
553880.00	4180760.00	1.54E+00	1.8	SRCGP8	OFF_SITE
553880.00	4180780.00	1.94E+00	1.8	SRCGP8	OFF_SITE
553900.00	4180520.00	3.15E-01	1.8	SRCGP8	OFF_SITE
553900.00	4180540.00	3.43E-01	1.8	SRCGP8	OFF_SITE
553900.00	4180560.00	3.74E-01	1.8	SRCGP8	OFF_SITE
553900.00	4180580.00	4.11E-01	1.8	SRCGP8	OFF_SITE
553900.00	4180620.00	5.04E-01	1.8	SRCGP8	OFF_SITE
553900.00	4180640.00	5.64E-01	1.8	SRCGP8	OFF_SITE
553900.00	4180660.00	6.36E-01	1.8	SRCGP8	OFF_SITE
553900.00	4180680.00	7.25E-01	1.8	SRCGP8	OFF_SITE
553900.00	4180720.00	9.76E-01	1.8	SRCGP8	OFF_SITE
553900.00	4180740.00	1.16E+00	1.8	SRCGP8	OFF_SITE
553900.00	4180760.00	1.42E+00	1.8	SRCGP8	OFF_SITE
553900.00	4180780.00	1.79E+00	1.8	SRCGP8	OFF_SITE
553920.00	4180520.00	3.01E-01	1.8	SRCGP8	OFF_SITE
553920.00	4180540.00	3.27E-01	1.8	SRCGP8	OFF_SITE
553920.00	4180560.00	3.57E-01	1.8	SRCGP8	OFF_SITE
553920.00	4180580.00	3.91E-01	1.8	SRCGP8	OFF_SITE
553920.00	4180620.00	4.78E-01	1.8	SRCGP8	OFF_SITE
553920.00	4180640.00	5.33E-01	1.8	SRCGP8	OFF_SITE
553920.00	4180660.00	6.00E-01	1.8	SRCGP8	OFF_SITE
553920.00	4180680.00	6.82E-01	1.8	SRCGP8	OFF_SITE
553920.00	4180720.00	9.15E-01	1.8	SRCGP8	OFF_SITE
553920.00	4180740.00	1.09E+00	1.8	SRCGP8	OFF_SITE
553920.00	4180760.00	1.33E+00	1.8	SRCGP8	OFF_SITE
553920.00	4180780.00	1.69E+00	1.8	SRCGP8	OFF_SITE
553940.00	4180520.00	2.88E-01	1.8	SRCGP8	OFF_SITE
553940.00	4180540.00	3.13E-01	1.8	SRCGP8	OFF_SITE
553940.00	4180560.00	3.41E-01	1.8	SRCGP8	OFF_SITE
553940.00	4180580.00	3.73E-01	1.8	SRCGP8	OFF_SITE
553940.00	4180620.00	4.55E-01	1.8	SRCGP8	OFF_SITE
553940.00	4180640.00	5.07E-01	1.8	SRCGP8	OFF_SITE
553940.00	4180660.00	5.69E-01	1.8	SRCGP8	OFF_SITE
553940.00	4180680.00	6.45E-01	1.8	SRCGP8	OFF_SITE

553940.00	4180720.00	8.64E-01	1.8	SRCGP8	OFF_SITE
553940.00	4180740.00	1.03E+00	1.8	SRCGP8	OFF_SITE
553940.00	4180760.00	1.26E+00	1.8	SRCGP8	OFF_SITE
553940.00	4180780.00	1.61E+00	1.8	SRCGP8	OFF_SITE
553960.00	4180520.00	2.77E-01	1.8	SRCGP8	OFF_SITE
553960.00	4180540.00	3.01E-01	1.8	SRCGP8	OFF_SITE
553960.00	4180560.00	3.27E-01	1.8	SRCGP8	OFF_SITE
553960.00	4180580.00	3.58E-01	1.8	SRCGP8	OFF_SITE
553960.00	4180620.00	4.35E-01	1.8	SRCGP8	OFF_SITE
553960.00	4180640.00	4.84E-01	1.8	SRCGP8	OFF_SITE
553960.00	4180660.00	5.42E-01	1.8	SRCGP8	OFF_SITE
553960.00	4180680.00	6.14E-01	1.8	SRCGP8	OFF_SITE
553960.00	4180720.00	8.22E-01	1.8	SRCGP8	OFF_SITE
553960.00	4180740.00	9.81E-01	1.8	SRCGP8	OFF_SITE
553960.00	4180760.00	1.21E+00	1.8	SRCGP8	OFF_SITE
553980.00	4180520.00	2.68E-01	1.8	SRCGP8	OFF_SITE
553980.00	4180540.00	2.90E-01	1.8	SRCGP8	OFF_SITE
553980.00	4180560.00	3.15E-01	1.8	SRCGP8	OFF_SITE
553980.00	4180580.00	3.44E-01	1.8	SRCGP8	OFF_SITE
553980.00	4180620.00	4.17E-01	1.8	SRCGP8	OFF_SITE
553980.00	4180640.00	4.63E-01	1.8	SRCGP8	OFF_SITE
553980.00	4180660.00	5.19E-01	1.8	SRCGP8	OFF_SITE
553980.00	4180680.00	5.87E-01	1.8	SRCGP8	OFF_SITE
553560.00	4181180.00	9.27E-01	1.8	SRCGP8	OFF_SITE
553920.00	4180660.00	6.00E-01	1.8	SRCGP8	OFF_SITE
553700.00	4180920.00	8.10E+00	1.8	SRCGP8	OFF_SITE
553560.00	4180920.00	2.23E+00	1.8	SRCGP8	OFF_SITE
553680.00	4181060.00	4.01E+00	1.8	SRCGP8	OFF_SITE
553760.00	4181080.00	9.51E+00	1.8	SRCGP8	R_A1_BA
553780.00	4181080.00	1.47E+01	1.8	SRCGP8	R_A1_BA
553760.00	4181100.00	6.26E+00	1.8	SRCGP8	R_A1_BA
553780.00	4181100.00	7.82E+00	1.8	SRCGP8	R_A1_BA
553760.00	4181120.00	4.43E+00	1.8	SRCGP8	R_A1_BA
553780.00	4181120.00	5.07E+00	1.8	SRCGP8	R_A1_BA
553760.00	4181140.00	3.31E+00	1.8	SRCGP8	R_A1_BA
553780.00	4181140.00	3.59E+00	1.8	SRCGP8	R_A1_BA
553760.00	4181000.00	2.21E+01	1.8	SRCGP8	R_A1_BB
553780.00	4181000.00	3.81E+01	1.8	SRCGP8	R_A1_BB
553760.00	4181020.00	2.09E+01	1.8	SRCGP8	R_A1_BB
553780.00	4181020.00	3.73E+01	1.8	SRCGP8	R_A1_BB
553760.00	4181040.00	1.84E+01	1.8	SRCGP8	R_A1_BB
553780.00	4181040.00	3.47E+01	1.8	SRCGP8	R_A1_BB
553780.00	4181060.00	2.78E+01	1.8	SRCGP8	R_A1_BB
553760.00	4180900.00	1.81E+01	1.8	SRCGP8	R_A1_BC
553780.00	4180900.00	2.91E+01	1.8	SRCGP8	R_A1_BC
553760.00	4180920.00	2.03E+01	1.8	SRCGP8	R_A1_BC
553780.00	4180920.00	3.33E+01	1.8	SRCGP8	R_A1_BC

553760.00	4180940.00	2.16E+01	1.8	SRCGP8	R_A1_BC
553780.00	4180940.00	3.56E+01	1.8	SRCGP8	R_A1_BC
553760.00	4180960.00	2.23E+01	1.8	SRCGP8	R_A1_BC
553780.00	4180960.00	3.70E+01	1.8	SRCGP8	R_A1_BC
553760.00	4180820.00	5.30E+00	1.8	SRCGP8	R_A1_BD1
553780.00	4180820.00	5.42E+00	1.8	SRCGP8	R_A1_BD1
553760.00	4180840.00	7.47E+00	1.8	SRCGP8	R_A1_BD1
553780.00	4180840.00	8.05E+00	1.8	SRCGP8	R_A1_BD1
553760.00	4180860.00	1.07E+01	1.8	SRCGP8	R_A1_BD1
553780.00	4180860.00	1.28E+01	1.8	SRCGP8	R_A1_BD1
553760.00	4180880.00	1.47E+01	1.8	SRCGP8	R_A1_BD1
553800.00	4180820.00	5.30E+00	1.8	SRCGP8	R_A1_BD2
553820.00	4180820.00	4.95E+00	1.8	SRCGP8	R_A1_BD2
553840.00	4180820.00	4.46E+00	1.8	SRCGP8	R_A1_BD2
553860.00	4180820.00	3.99E+00	1.8	SRCGP8	R_A1_BD2
553880.00	4180820.00	3.62E+00	1.8	SRCGP8	R_A1_BD2
553800.00	4180840.00	8.17E+00	1.8	SRCGP8	R_A1_BD2
553820.00	4180840.00	7.76E+00	1.8	SRCGP8	R_A1_BD2
553840.00	4180840.00	7.07E+00	1.8	SRCGP8	R_A1_BD2
553860.00	4180840.00	6.32E+00	1.8	SRCGP8	R_A1_BD2
553880.00	4180840.00	5.69E+00	1.8	SRCGP8	R_A1_BD2
553800.00	4180860.00	1.42E+01	1.8	SRCGP8	R_A1_BD2
553820.00	4180860.00	1.43E+01	1.8	SRCGP8	R_A1_BD2
553840.00	4180860.00	1.36E+01	1.8	SRCGP8	R_A1_BD2
553860.00	4180860.00	1.22E+01	1.8	SRCGP8	R_A1_BD2
553880.00	4180860.00	1.04E+01	1.8	SRCGP8	R_A1_BD2
553780.00	4180880.00	2.10E+01	1.8	SRCGP8	R_A1_BD2
553800.00	4180880.00	3.13E+01	1.8	SRCGP8	R_A1_BD2
553820.00	4180880.00	3.76E+01	1.8	SRCGP8	R_A1_BD2
553840.00	4180880.00	3.89E+01	1.8	SRCGP8	R_A1_BD2
553860.00	4180880.00	3.54E+01	1.8	SRCGP8	R_A1_BD2
553820.00	4181100.00	1.24E+01	1.8	SRCGP8	R_A2_BG
553840.00	4181100.00	1.43E+01	1.8	SRCGP8	R_A2_BG
553860.00	4181100.00	1.52E+01	1.8	SRCGP8	R_A2_BG
553820.00	4181120.00	6.47E+00	1.8	SRCGP8	R_A2_BG
553840.00	4181120.00	7.21E+00	1.8	SRCGP8	R_A2_BG
553860.00	4181120.00	7.75E+00	1.8	SRCGP8	R_A2_BG
553900.00	4181100.00	1.26E+01	1.8	SRCGP8	R_A2_BK
553920.00	4181100.00	1.04E+01	1.8	SRCGP8	R_A2_BK
553900.00	4181120.00	7.73E+00	1.8	SRCGP8	R_A2_BK
553920.00	4181120.00	7.13E+00	1.8	SRCGP8	R_A2_BK
553860.00	4181140.00	4.67E+00	1.8	SRCGP8	R_A2_PK
553880.00	4181140.00	4.90E+00	1.8	SRCGP8	R_A2_PK
553900.00	4181140.00	4.99E+00	1.8	SRCGP8	R_A2_PK
553920.00	4181140.00	4.90E+00	1.8	SRCGP8	R_A2_PK
553800.00	4181160.00	2.78E+00	1.8	SRCGP8	R_A2_PK
553820.00	4181160.00	2.86E+00	1.8	SRCGP8	R_A2_PK

553840.00	4181160.00	2.96E+00	1.8	SRCGP8	R_A2_PK
553860.00	4181160.00	3.11E+00	1.8	SRCGP8	R_A2_PK
553880.00	4181160.00	3.27E+00	1.8	SRCGP8	R_A2_PK
553900.00	4181160.00	3.41E+00	1.8	SRCGP8	R_A2_PK
553920.00	4181160.00	3.46E+00	1.8	SRCGP8	R_A2_PK
553740.00	4181180.00	1.95E+00	1.8	SRCGP8	R_A2_PK
553760.00	4181180.00	2.04E+00	1.8	SRCGP8	R_A2_PK
553780.00	4181180.00	2.09E+00	1.8	SRCGP8	R_A2_PK
553800.00	4181180.00	2.10E+00	1.8	SRCGP8	R_A2_PK
553820.00	4181180.00	2.12E+00	1.8	SRCGP8	R_A2_PK
553840.00	4181180.00	2.15E+00	1.8	SRCGP8	R_A2_PK
553860.00	4181180.00	2.22E+00	1.8	SRCGP8	R_A2_PK
553880.00	4181180.00	2.33E+00	1.8	SRCGP8	R_A2_PK
553900.00	4181180.00	2.44E+00	1.8	SRCGP8	R_A2_PK
553920.00	4181180.00	2.52E+00	1.8	SRCGP8	R_A2_PK
553740.00	4181200.00	1.61E+00	1.8	SRCGP8	R_A2_PK
553760.00	4181200.00	1.65E+00	1.8	SRCGP8	R_A2_PK
553780.00	4181200.00	1.66E+00	1.8	SRCGP8	R_A2_PK
553800.00	4181200.00	1.65E+00	1.8	SRCGP8	R_A2_PK
553820.00	4181200.00	1.63E+00	1.8	SRCGP8	R_A2_PK
553840.00	4181200.00	1.64E+00	1.8	SRCGP8	R_A2_PK
553860.00	4181200.00	1.67E+00	1.8	SRCGP8	R_A2_PK
553880.00	4181200.00	1.74E+00	1.8	SRCGP8	R_A2_PK
553900.00	4181200.00	1.82E+00	1.8	SRCGP8	R_A2_PK
553920.00	4181200.00	1.89E+00	1.8	SRCGP8	R_A2_PK
553840.00	4180920.00	1.27E+02	1.8	SRCGP8	R_A3_BE
553860.00	4180920.00	1.22E+02	1.8	SRCGP8	R_A3_BE
553820.00	4180940.00	1.22E+02	1.8	SRCGP8	R_A3_BE
553840.00	4180940.00	1.31E+02	1.8	SRCGP8	R_A3_BE
553860.00	4180940.00	1.26E+02	1.8	SRCGP8	R_A3_BE
553820.00	4181040.00	1.20E+02	1.8	SRCGP8	R_A3_BF
553840.00	4181040.00	1.27E+02	1.8	SRCGP8	R_A3_BF
553860.00	4181040.00	1.19E+02	1.8	SRCGP8	R_A3_BF
553820.00	4181060.00	1.09E+02	1.8	SRCGP8	R_A3_BF
553840.00	4181060.00	1.15E+02	1.8	SRCGP8	R_A3_BF
553860.00	4181060.00	1.09E+02	1.8	SRCGP8	R_A3_BF
553800.00	4180960.00	8.34E+01	1.8	SRCGP8	R_A3_SQ
553820.00	4180960.00	1.24E+02	1.8	SRCGP8	R_A3_SQ
553840.00	4180960.00	1.32E+02	1.8	SRCGP8	R_A3_SQ
553860.00	4180960.00	1.27E+02	1.8	SRCGP8	R_A3_SQ
553800.00	4180980.00	8.67E+01	1.8	SRCGP8	R_A3_SQ
553820.00	4180980.00	1.25E+02	1.8	SRCGP8	R_A3_SQ
553840.00	4180980.00	1.32E+02	1.8	SRCGP8	R_A3_SQ
553860.00	4180980.00	1.26E+02	1.8	SRCGP8	R_A3_SQ
553800.00	4181000.00	8.91E+01	1.8	SRCGP8	R_A3_SQ
553820.00	4181000.00	1.25E+02	1.8	SRCGP8	R_A3_SQ
553840.00	4181000.00	1.32E+02	1.8	SRCGP8	R_A3_SQ

553860.00	4181000.00	1.25E+02	1.8	SRCGP8	R_A3_SQ
553800.00	4181020.00	9.03E+01	1.8	SRCGP8	R_A3_SQ
553820.00	4181020.00	1.24E+02	1.8	SRCGP8	R_A3_SQ
553840.00	4181020.00	1.31E+02	1.8	SRCGP8	R_A3_SQ
553860.00	4181020.00	1.23E+02	1.8	SRCGP8	R_A3_SQ
553900.00	4180920.00	3.92E+01	1.8	SRCGP8	R_A4_BI
553920.00	4180920.00	2.26E+01	1.8	SRCGP8	R_A4_BI
553900.00	4180940.00	4.17E+01	1.8	SRCGP8	R_A4_BI
553920.00	4180940.00	2.51E+01	1.8	SRCGP8	R_A4_BI
553900.00	4180960.00	4.22E+01	1.8	SRCGP8	R_A4_BI
553920.00	4180960.00	2.62E+01	1.8	SRCGP8	R_A4_BI
553900.00	4181000.00	4.04E+01	1.8	SRCGP8	R_A4_BJ
553920.00	4181000.00	2.60E+01	1.8	SRCGP8	R_A4_BJ
553900.00	4181020.00	3.84E+01	1.8	SRCGP8	R_A4_BJ
553920.00	4181020.00	2.48E+01	1.8	SRCGP8	R_A4_BJ
553900.00	4181040.00	3.51E+01	1.8	SRCGP8	R_A4_BJ
553920.00	4181040.00	2.26E+01	1.8	SRCGP8	R_A4_BJ
553900.00	4181060.00	2.95E+01	1.8	SRCGP8	R_A4_BJ
553920.00	4181060.00	1.91E+01	1.8	SRCGP8	R_A4_BJ
553900.00	4181000.00	4.04E+01	1.8	SRCGP8	R_A4_BJ
553920.00	4181000.00	2.60E+01	1.8	SRCGP8	R_A4_BJ
553900.00	4180980.00	4.17E+01	1.8	SRCGP8	R_A4_CL
553920.00	4180980.00	2.65E+01	1.8	SRCGP8	R_A4_CL
553940.00	4180980.00	1.89E+01	1.8	SRCGP8	R_A4_CL
553880.00	4181000.00	8.77E+01	1.8	SRCGP8	R_A4_CL
553940.00	4181000.00	1.87E+01	1.8	SRCGP8	R_A4_CL
553940.00	4181080.00	1.14E+01	1.8	SRCGP8	R_A4_CL
553880.00	4180980.00	9.03E+01	1.8	SRCGP8	R_A4_CL
553600.00	4181380.00	4.65E-01	1.8	SRCGP8	R_ATT
553600.00	4181400.00	4.28E-01	1.8	SRCGP8	R_ATT
553620.00	4181340.00	5.64E-01	1.8	SRCGP8	R_ATT
553620.00	4181360.00	5.15E-01	1.8	SRCGP8	R_ATT
553620.00	4181380.00	4.71E-01	1.8	SRCGP8	R_ATT
553620.00	4181400.00	4.32E-01	1.8	SRCGP8	R_ATT
553620.00	4181420.00	3.97E-01	1.8	SRCGP8	R_ATT
553640.00	4181340.00	5.74E-01	1.8	SRCGP8	R_ATT
553640.00	4181320.00	6.34E-01	1.8	SRCGP8	R_ATT
553640.00	4181360.00	5.22E-01	1.8	SRCGP8	R_ATT
553640.00	4181380.00	4.75E-01	1.8	SRCGP8	R_ATT
553640.00	4181400.00	4.34E-01	1.8	SRCGP8	R_ATT
553640.00	4181420.00	3.97E-01	1.8	SRCGP8	R_ATT
553640.00	4181440.00	3.65E-01	1.8	SRCGP8	R_ATT
553660.00	4181320.00	6.45E-01	1.8	SRCGP8	R_ATT
553660.00	4181340.00	5.81E-01	1.8	SRCGP8	R_ATT
553660.00	4181360.00	5.25E-01	1.8	SRCGP8	R_ATT
553660.00	4181380.00	4.76E-01	1.8	SRCGP8	R_ATT
553660.00	4181400.00	4.33E-01	1.8	SRCGP8	R_ATT

553660.00	4181420.00	3.96E-01	1.8	SRCGP8	R_ATT
553660.00	4181440.00	3.63E-01	1.8	SRCGP8	R_ATT
553660.00	4181460.00	3.33E-01	1.8	SRCGP8	R_ATT
553680.00	4181360.00	5.26E-01	1.8	SRCGP8	R_ATT
553680.00	4181380.00	4.75E-01	1.8	SRCGP8	R_ATT
553680.00	4181400.00	4.31E-01	1.8	SRCGP8	R_ATT
553680.00	4181420.00	3.92E-01	1.8	SRCGP8	R_ATT
553680.00	4181440.00	3.58E-01	1.8	SRCGP8	R_ATT
553680.00	4181460.00	3.29E-01	1.8	SRCGP8	R_ATT
553680.00	4181480.00	3.02E-01	1.8	SRCGP8	R_ATT
553680.00	4181340.00	5.84E-01	1.8	SRCGP8	R_ATT
553680.00	4181320.00	6.52E-01	1.8	SRCGP8	R_ATT
553700.00	4181360.00	5.22E-01	1.8	SRCGP8	R_ATT
553700.00	4181380.00	4.70E-01	1.8	SRCGP8	R_ATT
553700.00	4181400.00	4.25E-01	1.8	SRCGP8	R_ATT
553700.00	4181420.00	3.86E-01	1.8	SRCGP8	R_ATT
553700.00	4181440.00	3.52E-01	1.8	SRCGP8	R_ATT
553700.00	4181460.00	3.23E-01	1.8	SRCGP8	R_ATT
553700.00	4181480.00	2.96E-01	1.8	SRCGP8	R_ATT
553700.00	4181500.00	2.73E-01	1.8	SRCGP8	R_ATT
553700.00	4181340.00	5.83E-01	1.8	SRCGP8	R_ATT
553700.00	4181320.00	6.54E-01	1.8	SRCGP8	R_ATT
553720.00	4181360.00	5.15E-01	1.8	SRCGP8	R_ATT
553720.00	4181380.00	4.62E-01	1.8	SRCGP8	R_ATT
553720.00	4181400.00	4.17E-01	1.8	SRCGP8	R_ATT
553720.00	4181420.00	3.78E-01	1.8	SRCGP8	R_ATT
553720.00	4181440.00	3.44E-01	1.8	SRCGP8	R_ATT
553720.00	4181460.00	3.15E-01	1.8	SRCGP8	R_ATT
553720.00	4181480.00	2.89E-01	1.8	SRCGP8	R_ATT
553720.00	4181500.00	2.66E-01	1.8	SRCGP8	R_ATT
553720.00	4181520.00	2.46E-01	1.8	SRCGP8	R_ATT
553720.00	4181340.00	5.76E-01	1.8	SRCGP8	R_ATT
553720.00	4181320.00	6.50E-01	1.8	SRCGP8	R_ATT
553740.00	4181360.00	5.03E-01	1.8	SRCGP8	R_ATT
553740.00	4181380.00	4.51E-01	1.8	SRCGP8	R_ATT
553740.00	4181400.00	4.06E-01	1.8	SRCGP8	R_ATT
553740.00	4181420.00	3.68E-01	1.8	SRCGP8	R_ATT
553740.00	4181440.00	3.34E-01	1.8	SRCGP8	R_ATT
553740.00	4181460.00	3.06E-01	1.8	SRCGP8	R_ATT
553740.00	4181480.00	2.80E-01	1.8	SRCGP8	R_ATT
553740.00	4181500.00	2.58E-01	1.8	SRCGP8	R_ATT
553740.00	4181520.00	2.39E-01	1.8	SRCGP8	R_ATT
553740.00	4181340.00	5.65E-01	1.8	SRCGP8	R_ATT
553740.00	4181320.00	6.39E-01	1.8	SRCGP8	R_ATT
553760.00	4181360.00	4.88E-01	1.8	SRCGP8	R_ATT
553760.00	4181380.00	4.37E-01	1.8	SRCGP8	R_ATT
553760.00	4181400.00	3.93E-01	1.8	SRCGP8	R_ATT

553760.00	4181420.00	3.56E-01	1.8	SRCGP8	R_ATT
553760.00	4181440.00	3.24E-01	1.8	SRCGP8	R_ATT
553760.00	4181460.00	2.96E-01	1.8	SRCGP8	R_ATT
553760.00	4181480.00	2.71E-01	1.8	SRCGP8	R_ATT
553760.00	4181500.00	2.50E-01	1.8	SRCGP8	R_ATT
553760.00	4181520.00	2.31E-01	1.8	SRCGP8	R_ATT
553760.00	4181340.00	5.50E-01	1.8	SRCGP8	R_ATT
553760.00	4181320.00	6.23E-01	1.8	SRCGP8	R_ATT
553780.00	4181360.00	4.72E-01	1.8	SRCGP8	R_ATT
553780.00	4181380.00	4.22E-01	1.8	SRCGP8	R_ATT
553780.00	4181400.00	3.80E-01	1.8	SRCGP8	R_ATT
553780.00	4181420.00	3.44E-01	1.8	SRCGP8	R_ATT
553780.00	4181440.00	3.13E-01	1.8	SRCGP8	R_ATT
553780.00	4181460.00	2.86E-01	1.8	SRCGP8	R_ATT
553780.00	4181480.00	2.62E-01	1.8	SRCGP8	R_ATT
553780.00	4181500.00	2.42E-01	1.8	SRCGP8	R_ATT
553780.00	4181520.00	2.23E-01	1.8	SRCGP8	R_ATT
553780.00	4181340.00	5.32E-01	1.8	SRCGP8	R_ATT
553800.00	4181360.00	4.55E-01	1.8	SRCGP8	R_ATT
553800.00	4181380.00	4.07E-01	1.8	SRCGP8	R_ATT
553800.00	4181400.00	3.67E-01	1.8	SRCGP8	R_ATT
553800.00	4181420.00	3.32E-01	1.8	SRCGP8	R_ATT
553800.00	4181440.00	3.02E-01	1.8	SRCGP8	R_ATT
553800.00	4181460.00	2.76E-01	1.8	SRCGP8	R_ATT
553800.00	4181480.00	2.54E-01	1.8	SRCGP8	R_ATT
553800.00	4181500.00	2.34E-01	1.8	SRCGP8	R_ATT
553800.00	4181520.00	2.17E-01	1.8	SRCGP8	R_ATT
553820.00	4181360.00	4.41E-01	1.8	SRCGP8	R_ATT
553820.00	4181380.00	3.95E-01	1.8	SRCGP8	R_ATT
553820.00	4181400.00	3.56E-01	1.8	SRCGP8	R_ATT
553820.00	4181420.00	3.22E-01	1.8	SRCGP8	R_ATT
553820.00	4181440.00	2.93E-01	1.8	SRCGP8	R_ATT
553820.00	4181460.00	2.68E-01	1.8	SRCGP8	R_ATT
553820.00	4181480.00	2.47E-01	1.8	SRCGP8	R_ATT
553820.00	4181500.00	2.28E-01	1.8	SRCGP8	R_ATT
553820.00	4181520.00	2.11E-01	1.8	SRCGP8	R_ATT
553840.00	4181360.00	4.31E-01	1.8	SRCGP8	R_ATT
553840.00	4181380.00	3.86E-01	1.8	SRCGP8	R_ATT
553840.00	4181400.00	3.47E-01	1.8	SRCGP8	R_ATT
553840.00	4181420.00	3.15E-01	1.8	SRCGP8	R_ATT
553840.00	4181440.00	2.87E-01	1.8	SRCGP8	R_ATT
553840.00	4181460.00	2.63E-01	1.8	SRCGP8	R_ATT
553840.00	4181480.00	2.41E-01	1.8	SRCGP8	R_ATT
553840.00	4181500.00	2.23E-01	1.8	SRCGP8	R_ATT
553840.00	4181520.00	2.06E-01	1.8	SRCGP8	R_ATT
553920.00	4180820.00	3.20E+00	1.8	SRCGP8	R_B4_BH
553940.00	4180820.00	3.03E+00	1.8	SRCGP8	R_B4_BH



553920.00	4180840.00	4.89E+00	1.8	SRCGP8	R_B4_BH
553940.00	4180840.00	4.46E+00	1.8	SRCGP8	R_B4_BH
553900.00	4180860.00	9.15E+00	1.8	SRCGP8	R_B4_BH
553920.00	4180860.00	7.90E+00	1.8	SRCGP8	R_B4_BH
553940.00	4180860.00	6.66E+00	1.8	SRCGP8	R_B4_BH
553900.00	4180880.00	1.81E+01	1.8	SRCGP8	R_B4_BH
553920.00	4180880.00	1.27E+01	1.8	SRCGP8	R_B4_BH
553960.00	4181040.00	1.26E+01	1.8	SRCGP8	R_PIER48
553980.00	4181040.00	1.00E+01	1.8	SRCGP8	R_PIER48
554000.00	4181040.00	8.21E+00	1.8	SRCGP8	R_PIER48
553960.00	4181060.00	1.10E+01	1.8	SRCGP8	R_PIER48
553980.00	4181060.00	8.91E+00	1.8	SRCGP8	R_PIER48
554000.00	4181060.00	7.38E+00	1.8	SRCGP8	R_PIER48
554020.00	4181060.00	6.22E+00	1.8	SRCGP8	R_PIER48
554040.00	4181060.00	5.31E+00	1.8	SRCGP8	R_PIER48
554060.00	4181060.00	4.59E+00	1.8	SRCGP8	R_PIER48
554080.00	4181060.00	4.00E+00	1.8	SRCGP8	R_PIER48
554100.00	4181060.00	3.53E+00	1.8	SRCGP8	R_PIER48
554120.00	4181060.00	3.13E+00	1.8	SRCGP8	R_PIER48
554140.00	4181060.00	2.79E+00	1.8	SRCGP8	R_PIER48
554160.00	4181060.00	2.51E+00	1.8	SRCGP8	R_PIER48
553960.00	4181080.00	9.17E+00	1.8	SRCGP8	R_PIER48
553980.00	4181080.00	7.60E+00	1.8	SRCGP8	R_PIER48
554000.00	4181080.00	6.42E+00	1.8	SRCGP8	R_PIER48
554020.00	4181080.00	5.49E+00	1.8	SRCGP8	R_PIER48
554040.00	4181080.00	4.75E+00	1.8	SRCGP8	R_PIER48
554060.00	4181080.00	4.14E+00	1.8	SRCGP8	R_PIER48
554080.00	4181080.00	3.65E+00	1.8	SRCGP8	R_PIER48
554100.00	4181080.00	3.24E+00	1.8	SRCGP8	R_PIER48
554120.00	4181080.00	2.89E+00	1.8	SRCGP8	R_PIER48
554140.00	4181080.00	2.60E+00	1.8	SRCGP8	R_PIER48
554160.00	4181080.00	2.35E+00	1.8	SRCGP8	R_PIER48
553960.00	4181100.00	7.33E+00	1.8	SRCGP8	R_PIER48
553980.00	4181100.00	6.27E+00	1.8	SRCGP8	R_PIER48
554000.00	4181100.00	5.42E+00	1.8	SRCGP8	R_PIER48
554020.00	4181100.00	4.72E+00	1.8	SRCGP8	R_PIER48
554040.00	4181100.00	4.15E+00	1.8	SRCGP8	R_PIER48
554060.00	4181100.00	3.67E+00	1.8	SRCGP8	R_PIER48
554080.00	4181100.00	3.27E+00	1.8	SRCGP8	R_PIER48
554100.00	4181100.00	2.93E+00	1.8	SRCGP8	R_PIER48
554120.00	4181100.00	2.64E+00	1.8	SRCGP8	R_PIER48
554140.00	4181100.00	2.39E+00	1.8	SRCGP8	R_PIER48
554160.00	4181100.00	2.17E+00	1.8	SRCGP8	R_PIER48
553960.00	4181120.00	5.67E+00	1.8	SRCGP8	R_PIER48
553980.00	4181120.00	5.03E+00	1.8	SRCGP8	R_PIER48
554000.00	4181120.00	4.47E+00	1.8	SRCGP8	R_PIER48
554020.00	4181120.00	3.99E+00	1.8	SRCGP8	R_PIER48

554040.00	4181120.00	3.56E+00	1.8	SRCGP8	R_PIER48
554060.00	4181120.00	3.20E+00	1.8	SRCGP8	R_PIER48
554080.00	4181120.00	2.89E+00	1.8	SRCGP8	R_PIER48
554100.00	4181120.00	2.62E+00	1.8	SRCGP8	R_PIER48
554120.00	4181120.00	2.38E+00	1.8	SRCGP8	R_PIER48
554140.00	4181120.00	2.17E+00	1.8	SRCGP8	R_PIER48
553940.00	4181140.00	4.65E+00	1.8	SRCGP8	R_PIER48
553960.00	4181140.00	4.33E+00	1.8	SRCGP8	R_PIER48
553980.00	4181140.00	3.98E+00	1.8	SRCGP8	R_PIER48
554000.00	4181140.00	3.64E+00	1.8	SRCGP8	R_PIER48
554020.00	4181140.00	3.32E+00	1.8	SRCGP8	R_PIER48
554040.00	4181140.00	3.02E+00	1.8	SRCGP8	R_PIER48
554060.00	4181140.00	2.76E+00	1.8	SRCGP8	R_PIER48
554080.00	4181140.00	2.52E+00	1.8	SRCGP8	R_PIER48
554100.00	4181140.00	2.31E+00	1.8	SRCGP8	R_PIER48
554120.00	4181140.00	2.12E+00	1.8	SRCGP8	R_PIER48
554140.00	4181140.00	1.95E+00	1.8	SRCGP8	R_PIER48
554040.00	4181160.00	2.54E+00	1.8	SRCGP8	R_PIER48
554060.00	4181160.00	2.36E+00	1.8	SRCGP8	R_PIER48
554080.00	4181160.00	2.19E+00	1.8	SRCGP8	R_PIER48
554100.00	4181160.00	2.03E+00	1.8	SRCGP8	R_PIER48
554120.00	4181160.00	1.88E+00	1.8	SRCGP8	R_PIER48
554140.00	4181160.00	1.74E+00	1.8	SRCGP8	R_PIER48
553980.00	4180780.00	1.47E+00	1.8	SRCGP8	R_PIER50
553980.00	4180800.00	1.94E+00	1.8	SRCGP8	R_PIER50
553980.00	4180820.00	2.64E+00	1.8	SRCGP8	R_PIER50
553980.00	4180840.00	3.60E+00	1.8	SRCGP8	R_PIER50
553980.00	4180860.00	4.86E+00	1.8	SRCGP8	R_PIER50
553980.00	4180880.00	6.32E+00	1.8	SRCGP8	R_PIER50
553980.00	4180900.00	7.82E+00	1.8	SRCGP8	R_PIER50
553980.00	4180920.00	9.19E+00	1.8	SRCGP8	R_PIER50
553980.00	4180940.00	1.03E+01	1.8	SRCGP8	R_PIER50
553980.00	4180960.00	1.10E+01	1.8	SRCGP8	R_PIER50
554000.00	4180720.00	7.55E-01	1.8	SRCGP8	R_PIER50
554000.00	4180740.00	9.03E-01	1.8	SRCGP8	R_PIER50
554000.00	4180760.00	1.11E+00	1.8	SRCGP8	R_PIER50
554000.00	4180780.00	1.41E+00	1.8	SRCGP8	R_PIER50
554000.00	4180800.00	1.84E+00	1.8	SRCGP8	R_PIER50
554000.00	4180820.00	2.44E+00	1.8	SRCGP8	R_PIER50
554000.00	4180840.00	3.24E+00	1.8	SRCGP8	R_PIER50
554000.00	4180860.00	4.23E+00	1.8	SRCGP8	R_PIER50
554000.00	4180880.00	5.34E+00	1.8	SRCGP8	R_PIER50
554000.00	4180900.00	6.47E+00	1.8	SRCGP8	R_PIER50
554000.00	4180920.00	7.49E+00	1.8	SRCGP8	R_PIER50
554000.00	4180940.00	8.32E+00	1.8	SRCGP8	R_PIER50
554000.00	4180960.00	8.89E+00	1.8	SRCGP8	R_PIER50
554020.00	4180840.00	2.94E+00	1.8	SRCGP8	R_PIER50

554020.00	4180860.00	3.73E+00	1.8	SRCGP8	R_PIER50
554020.00	4180880.00	4.59E+00	1.8	SRCGP8	R_PIER50
554020.00	4180900.00	5.46E+00	1.8	SRCGP8	R_PIER50
554020.00	4180920.00	6.25E+00	1.8	SRCGP8	R_PIER50
554020.00	4180940.00	6.90E+00	1.8	SRCGP8	R_PIER50
554020.00	4180960.00	7.35E+00	1.8	SRCGP8	R_PIER50
554040.00	4180840.00	2.67E+00	1.8	SRCGP8	R_PIER50
554040.00	4180860.00	3.31E+00	1.8	SRCGP8	R_PIER50
554040.00	4180880.00	4.01E+00	1.8	SRCGP8	R_PIER50
554040.00	4180900.00	4.69E+00	1.8	SRCGP8	R_PIER50
554040.00	4180920.00	5.31E+00	1.8	SRCGP8	R_PIER50
554040.00	4180940.00	5.82E+00	1.8	SRCGP8	R_PIER50
554040.00	4180960.00	6.17E+00	1.8	SRCGP8	R_PIER50
554060.00	4180840.00	2.44E+00	1.8	SRCGP8	R_PIER50
554060.00	4180860.00	2.97E+00	1.8	SRCGP8	R_PIER50
554060.00	4180880.00	3.53E+00	1.8	SRCGP8	R_PIER50
554060.00	4180900.00	4.08E+00	1.8	SRCGP8	R_PIER50
554060.00	4180920.00	4.58E+00	1.8	SRCGP8	R_PIER50
554060.00	4180940.00	4.98E+00	1.8	SRCGP8	R_PIER50
554060.00	4180960.00	5.26E+00	1.8	SRCGP8	R_PIER50
554080.00	4180840.00	2.24E+00	1.8	SRCGP8	R_PIER50
554080.00	4180860.00	2.69E+00	1.8	SRCGP8	R_PIER50
554080.00	4180880.00	3.15E+00	1.8	SRCGP8	R_PIER50
554080.00	4180900.00	3.59E+00	1.8	SRCGP8	R_PIER50
554080.00	4180920.00	3.99E+00	1.8	SRCGP8	R_PIER50
554080.00	4180940.00	4.31E+00	1.8	SRCGP8	R_PIER50
554080.00	4180960.00	4.54E+00	1.8	SRCGP8	R_PIER50
554100.00	4180840.00	2.07E+00	1.8	SRCGP8	R_PIER50
554100.00	4180860.00	2.44E+00	1.8	SRCGP8	R_PIER50
554100.00	4180880.00	2.82E+00	1.8	SRCGP8	R_PIER50
554100.00	4180900.00	3.19E+00	1.8	SRCGP8	R_PIER50
554100.00	4180920.00	3.51E+00	1.8	SRCGP8	R_PIER50
554100.00	4180940.00	3.78E+00	1.8	SRCGP8	R_PIER50
554100.00	4180960.00	3.96E+00	1.8	SRCGP8	R_PIER50
554120.00	4180840.00	1.91E+00	1.8	SRCGP8	R_PIER50
554120.00	4180860.00	2.23E+00	1.8	SRCGP8	R_PIER50
554120.00	4180880.00	2.55E+00	1.8	SRCGP8	R_PIER50
554120.00	4180900.00	2.85E+00	1.8	SRCGP8	R_PIER50
554120.00	4180920.00	3.12E+00	1.8	SRCGP8	R_PIER50
554120.00	4180940.00	3.34E+00	1.8	SRCGP8	R_PIER50
554120.00	4180960.00	3.48E+00	1.8	SRCGP8	R_PIER50
554140.00	4180840.00	1.78E+00	1.8	SRCGP8	R_PIER50
554140.00	4180860.00	2.05E+00	1.8	SRCGP8	R_PIER50
554140.00	4180880.00	2.32E+00	1.8	SRCGP8	R_PIER50
554140.00	4180900.00	2.57E+00	1.8	SRCGP8	R_PIER50
554140.00	4180920.00	2.79E+00	1.8	SRCGP8	R_PIER50
554140.00	4180940.00	2.97E+00	1.8	SRCGP8	R_PIER50

554140.00	4180960.00	3.09E+00	1.8	SRCGP8	R_PIER50
554160.00	4180840.00	1.65E+00	1.8	SRCGP8	R_PIER50
554160.00	4180860.00	1.88E+00	1.8	SRCGP8	R_PIER50
554160.00	4180880.00	2.11E+00	1.8	SRCGP8	R_PIER50
554160.00	4180900.00	2.33E+00	1.8	SRCGP8	R_PIER50
554160.00	4180920.00	2.51E+00	1.8	SRCGP8	R_PIER50
554160.00	4180940.00	2.66E+00	1.8	SRCGP8	R_PIER50
554160.00	4180960.00	2.76E+00	1.8	SRCGP8	R_PIER50
554180.00	4180840.00	1.54E+00	1.8	SRCGP8	R_PIER50
554180.00	4180860.00	1.74E+00	1.8	SRCGP8	R_PIER50
554180.00	4180880.00	1.94E+00	1.8	SRCGP8	R_PIER50
554180.00	4180900.00	2.11E+00	1.8	SRCGP8	R_PIER50
554180.00	4180920.00	2.27E+00	1.8	SRCGP8	R_PIER50
554180.00	4180940.00	2.39E+00	1.8	SRCGP8	R_PIER50
554180.00	4180960.00	2.47E+00	1.8	SRCGP8	R_PIER50
554200.00	4180840.00	1.44E+00	1.8	SRCGP8	R_PIER50
554200.00	4180860.00	1.61E+00	1.8	SRCGP8	R_PIER50
554200.00	4180880.00	1.78E+00	1.8	SRCGP8	R_PIER50
554200.00	4180900.00	1.93E+00	1.8	SRCGP8	R_PIER50
554200.00	4180920.00	2.06E+00	1.8	SRCGP8	R_PIER50
554200.00	4180940.00	2.16E+00	1.8	SRCGP8	R_PIER50
554200.00	4180960.00	2.23E+00	1.8	SRCGP8	R_PIER50
554220.00	4180840.00	1.35E+00	1.8	SRCGP8	R_PIER50
554220.00	4180860.00	1.50E+00	1.8	SRCGP8	R_PIER50
554220.00	4180880.00	1.64E+00	1.8	SRCGP8	R_PIER50
554220.00	4180900.00	1.77E+00	1.8	SRCGP8	R_PIER50
554220.00	4180920.00	1.88E+00	1.8	SRCGP8	R_PIER50
554220.00	4180940.00	1.97E+00	1.8	SRCGP8	R_PIER50
554220.00	4180960.00	2.03E+00	1.8	SRCGP8	R_PIER50
554240.00	4180820.00	1.13E+00	1.8	SRCGP8	R_PIER50
554240.00	4180840.00	1.26E+00	1.8	SRCGP8	R_PIER50
554240.00	4180860.00	1.39E+00	1.8	SRCGP8	R_PIER50
554240.00	4180880.00	1.52E+00	1.8	SRCGP8	R_PIER50
554240.00	4180900.00	1.63E+00	1.8	SRCGP8	R_PIER50
554240.00	4180920.00	1.72E+00	1.8	SRCGP8	R_PIER50
554240.00	4180940.00	1.80E+00	1.8	SRCGP8	R_PIER50
554240.00	4180960.00	1.85E+00	1.8	SRCGP8	R_PIER50
554260.00	4180820.00	1.07E+00	1.8	SRCGP8	R_PIER50
554260.00	4180840.00	1.18E+00	1.8	SRCGP8	R_PIER50
554260.00	4180860.00	1.30E+00	1.8	SRCGP8	R_PIER50
554260.00	4180880.00	1.41E+00	1.8	SRCGP8	R_PIER50
554260.00	4180900.00	1.50E+00	1.8	SRCGP8	R_PIER50
554260.00	4180920.00	1.58E+00	1.8	SRCGP8	R_PIER50
554260.00	4180940.00	1.65E+00	1.8	SRCGP8	R_PIER50
554260.00	4180960.00	1.69E+00	1.8	SRCGP8	R_PIER50
554280.00	4180800.00	9.04E-01	1.8	SRCGP8	R_PIER50
554280.00	4180820.00	1.01E+00	1.8	SRCGP8	R_PIER50

554280.00	4180840.00	1.11E+00	1.8	SRCGP8	R_PIER50
554280.00	4180860.00	1.21E+00	1.8	SRCGP8	R_PIER50
554280.00	4180880.00	1.31E+00	1.8	SRCGP8	R_PIER50
554280.00	4180900.00	1.39E+00	1.8	SRCGP8	R_PIER50
554280.00	4180920.00	1.46E+00	1.8	SRCGP8	R_PIER50
554280.00	4180940.00	1.52E+00	1.8	SRCGP8	R_PIER50
554280.00	4180960.00	1.55E+00	1.8	SRCGP8	R_PIER50
554300.00	4180780.00	7.71E-01	1.8	SRCGP8	R_PIER50
554300.00	4180800.00	8.62E-01	1.8	SRCGP8	R_PIER50
554300.00	4180820.00	9.55E-01	1.8	SRCGP8	R_PIER50
554300.00	4180840.00	1.05E+00	1.8	SRCGP8	R_PIER50
554300.00	4180860.00	1.14E+00	1.8	SRCGP8	R_PIER50
554300.00	4180880.00	1.22E+00	1.8	SRCGP8	R_PIER50
554300.00	4180900.00	1.29E+00	1.8	SRCGP8	R_PIER50
554300.00	4180920.00	1.35E+00	1.8	SRCGP8	R_PIER50
554300.00	4180940.00	1.40E+00	1.8	SRCGP8	R_PIER50
554300.00	4180960.00	1.43E+00	1.8	SRCGP8	R_PIER50
554320.00	4180780.00	7.39E-01	1.8	SRCGP8	R_PIER50
554320.00	4180800.00	8.22E-01	1.8	SRCGP8	R_PIER50
554320.00	4180820.00	9.05E-01	1.8	SRCGP8	R_PIER50
554320.00	4180840.00	9.87E-01	1.8	SRCGP8	R_PIER50
554320.00	4180860.00	1.07E+00	1.8	SRCGP8	R_PIER50
554320.00	4180880.00	1.14E+00	1.8	SRCGP8	R_PIER50
554320.00	4180900.00	1.20E+00	1.8	SRCGP8	R_PIER50
554320.00	4180920.00	1.25E+00	1.8	SRCGP8	R_PIER50
554320.00	4180940.00	1.29E+00	1.8	SRCGP8	R_PIER50
554320.00	4180960.00	1.32E+00	1.8	SRCGP8	R_PIER50
554340.00	4180760.00	6.37E-01	1.8	SRCGP8	R_PIER50
554340.00	4180780.00	7.09E-01	1.8	SRCGP8	R_PIER50
554340.00	4180800.00	7.84E-01	1.8	SRCGP8	R_PIER50
554340.00	4180820.00	8.59E-01	1.8	SRCGP8	R_PIER50
554340.00	4180840.00	9.31E-01	1.8	SRCGP8	R_PIER50
554340.00	4180860.00	1.00E+00	1.8	SRCGP8	R_PIER50
554340.00	4180880.00	1.06E+00	1.8	SRCGP8	R_PIER50
554340.00	4180900.00	1.12E+00	1.8	SRCGP8	R_PIER50
554340.00	4180920.00	1.17E+00	1.8	SRCGP8	R_PIER50
554340.00	4180940.00	1.20E+00	1.8	SRCGP8	R_PIER50
554340.00	4180960.00	1.22E+00	1.8	SRCGP8	R_PIER50
554360.00	4180760.00	6.15E-01	1.8	SRCGP8	R_PIER50
554360.00	4180780.00	6.81E-01	1.8	SRCGP8	R_PIER50
554360.00	4180800.00	7.48E-01	1.8	SRCGP8	R_PIER50
554360.00	4180820.00	8.15E-01	1.8	SRCGP8	R_PIER50
554360.00	4180840.00	8.80E-01	1.8	SRCGP8	R_PIER50
554360.00	4180860.00	9.41E-01	1.8	SRCGP8	R_PIER50
554360.00	4180880.00	9.97E-01	1.8	SRCGP8	R_PIER50
554360.00	4180900.00	1.05E+00	1.8	SRCGP8	R_PIER50
554360.00	4180920.00	1.09E+00	1.8	SRCGP8	R_PIER50

554360.00	4180940.00	1.12E+00	1.8	SRCGP8	R_PIER50
554360.00	4180960.00	1.14E+00	1.8	SRCGP8	R_PIER50
554380.00	4180740.00	5.35E-01	1.8	SRCGP8	R_PIER50
554380.00	4180760.00	5.93E-01	1.8	SRCGP8	R_PIER50
554380.00	4180780.00	6.53E-01	1.8	SRCGP8	R_PIER50
554380.00	4180800.00	7.14E-01	1.8	SRCGP8	R_PIER50
554380.00	4180820.00	7.74E-01	1.8	SRCGP8	R_PIER50
554380.00	4180840.00	8.33E-01	1.8	SRCGP8	R_PIER50
554380.00	4180860.00	8.87E-01	1.8	SRCGP8	R_PIER50
554380.00	4180880.00	9.36E-01	1.8	SRCGP8	R_PIER50
554380.00	4180900.00	9.80E-01	1.8	SRCGP8	R_PIER50
554380.00	4180920.00	1.02E+00	1.8	SRCGP8	R_PIER50
554380.00	4180940.00	1.04E+00	1.8	SRCGP8	R_PIER50
554380.00	4180960.00	1.06E+00	1.8	SRCGP8	R_PIER50
554400.00	4180740.00	5.18E-01	1.8	SRCGP8	R_PIER50
554400.00	4180760.00	5.72E-01	1.8	SRCGP8	R_PIER50
554400.00	4180780.00	6.27E-01	1.8	SRCGP8	R_PIER50
554400.00	4180800.00	6.82E-01	1.8	SRCGP8	R_PIER50
554400.00	4180820.00	7.36E-01	1.8	SRCGP8	R_PIER50
554400.00	4180840.00	7.88E-01	1.8	SRCGP8	R_PIER50
554400.00	4180860.00	8.37E-01	1.8	SRCGP8	R_PIER50
554400.00	4180880.00	8.81E-01	1.8	SRCGP8	R_PIER50
554400.00	4180900.00	9.19E-01	1.8	SRCGP8	R_PIER50
554400.00	4180920.00	9.51E-01	1.8	SRCGP8	R_PIER50
554400.00	4180940.00	9.75E-01	1.8	SRCGP8	R_PIER50
554400.00	4180960.00	9.91E-01	1.8	SRCGP8	R_PIER50
554420.00	4180720.00	4.55E-01	1.8	SRCGP8	R_PIER50
554420.00	4180740.00	5.03E-01	1.8	SRCGP8	R_PIER50
554420.00	4180760.00	5.52E-01	1.8	SRCGP8	R_PIER50
554420.00	4180780.00	6.02E-01	1.8	SRCGP8	R_PIER50
554420.00	4180800.00	6.52E-01	1.8	SRCGP8	R_PIER50
554420.00	4180820.00	7.01E-01	1.8	SRCGP8	R_PIER50
554420.00	4180840.00	7.47E-01	1.8	SRCGP8	R_PIER50
554420.00	4180860.00	7.91E-01	1.8	SRCGP8	R_PIER50
554420.00	4180880.00	8.30E-01	1.8	SRCGP8	R_PIER50
554420.00	4180900.00	8.64E-01	1.8	SRCGP8	R_PIER50
554420.00	4180920.00	8.92E-01	1.8	SRCGP8	R_PIER50
554420.00	4180940.00	9.13E-01	1.8	SRCGP8	R_PIER50
554420.00	4180960.00	9.27E-01	1.8	SRCGP8	R_PIER50
554440.00	4180720.00	4.43E-01	1.8	SRCGP8	R_PIER50
554440.00	4180740.00	4.87E-01	1.8	SRCGP8	R_PIER50
554440.00	4180760.00	5.32E-01	1.8	SRCGP8	R_PIER50
554440.00	4180780.00	5.78E-01	1.8	SRCGP8	R_PIER50
554440.00	4180800.00	6.23E-01	1.8	SRCGP8	R_PIER50
554440.00	4180820.00	6.68E-01	1.8	SRCGP8	R_PIER50
554440.00	4180840.00	7.09E-01	1.8	SRCGP8	R_PIER50
554440.00	4180860.00	7.48E-01	1.8	SRCGP8	R_PIER50

554440.00	4180880.00	7.83E-01	1.8	SRCGP8	R_PIER50
554440.00	4180900.00	8.13E-01	1.8	SRCGP8	R_PIER50
554440.00	4180920.00	8.38E-01	1.8	SRCGP8	R_PIER50
554440.00	4180940.00	8.57E-01	1.8	SRCGP8	R_PIER50
554440.00	4180960.00	8.70E-01	1.8	SRCGP8	R_PIER50
553680.00	4180480.00	4.11E-01	1.8	SRCGP8	Sensitive
553360.00	4181000.00	5.96E-01	1.8	SRCGP8	Sensitive
553160.00	4180800.00	4.19E-01	1.8	SRCGP8	Sensitive
552940.00	4180980.00	1.93E-01	1.8	SRCGP8	Sensitive
553440.00	4180240.00	1.92E-01	1.8	SRCGP8	Sensitive
553920.00	4180800.00	2.25E+00	1.8	SRCGP8	Sensitive
553400.00	4180440.00	3.16E-01	1.8	SRCGP8	Sensitive
553920.00	4180000.00	7.76E-02	1.8	SRCGP8	Sensitive
553560.00	4180360.00	2.74E-01	1.8	SRCGP8	Sensitive
553360.00	4180340.00	2.33E-01	1.8	SRCGP8	Sensitive
553160.00	4181180.00	2.37E-01	1.8	SRCGP8	Sensitive





**Annual Average Concentraion at Each Receptor Location: Mission Rock Construction Scenario - Source Grou**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	4.65E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180540.00	4.99E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180560.00	5.35E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180580.00	5.72E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180600.00	6.09E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180620.00	6.45E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180640.00	6.79E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180660.00	7.10E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180720.00	7.80E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180740.00	7.93E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180760.00	8.00E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180780.00	8.01E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180800.00	7.96E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180840.00	7.69E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180860.00	7.48E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180880.00	7.24E-01	1.8	SRCGP9	OFF_SITE
553440.00	4180900.00	6.97E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181020.00	5.40E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181040.00	5.17E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181060.00	4.96E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181080.00	4.77E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181160.00	4.14E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181180.00	4.01E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181200.00	3.89E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181220.00	3.77E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181240.00	3.65E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181260.00	3.53E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181300.00	3.31E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181320.00	3.20E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181340.00	3.10E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181360.00	3.00E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181380.00	2.90E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181400.00	2.80E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181420.00	2.71E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181440.00	2.61E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181460.00	2.51E-01	1.8	SRCGP9	OFF_SITE
553440.00	4181480.00	2.41E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180520.00	4.74E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180540.00	5.10E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180560.00	5.49E-01	1.8	SRCGP9	OFF_SITE

553460.00	4180580.00	5.89E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180600.00	6.30E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180620.00	6.71E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180640.00	7.10E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180660.00	7.46E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180700.00	8.08E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180740.00	8.49E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180760.00	8.61E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180780.00	8.65E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180800.00	8.63E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180820.00	8.53E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180860.00	8.16E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180880.00	7.90E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180900.00	7.62E-01	1.8	SRCGP9	OFF_SITE
553460.00	4180920.00	7.32E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181040.00	5.60E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181060.00	5.36E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181120.00	4.76E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181140.00	4.59E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181180.00	4.29E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181200.00	4.14E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181220.00	4.01E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181240.00	3.87E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181260.00	3.74E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181280.00	3.61E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181320.00	3.37E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181340.00	3.25E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181360.00	3.14E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181380.00	3.03E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181400.00	2.92E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181420.00	2.80E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181440.00	2.70E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181460.00	2.59E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181500.00	2.37E-01	1.8	SRCGP9	OFF_SITE
553460.00	4181520.00	2.27E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180520.00	4.82E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180540.00	5.21E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180560.00	5.62E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180580.00	6.06E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180600.00	6.51E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180620.00	6.97E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180640.00	7.42E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180660.00	7.84E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180700.00	8.58E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180720.00	8.88E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180760.00	9.27E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180780.00	9.36E-01	1.8	SRCGP9	OFF_SITE

553480.00	4180800.00	9.37E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180820.00	9.30E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180840.00	9.15E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180880.00	8.66E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180900.00	8.35E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180920.00	8.02E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180940.00	7.68E-01	1.8	SRCGP9	OFF_SITE
553480.00	4180960.00	7.34E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181040.00	6.08E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181080.00	5.56E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181100.00	5.33E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181120.00	5.13E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181140.00	4.94E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181160.00	4.76E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181200.00	4.43E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181220.00	4.27E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181240.00	4.11E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181260.00	3.96E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181280.00	3.82E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181300.00	3.68E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181340.00	3.41E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181360.00	3.28E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181380.00	3.15E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181400.00	3.03E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181420.00	2.90E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181440.00	2.78E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181480.00	2.54E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181500.00	2.42E-01	1.8	SRCGP9	OFF_SITE
553480.00	4181520.00	2.31E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180520.00	4.91E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180540.00	5.31E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180560.00	5.75E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180580.00	6.23E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180600.00	6.72E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180620.00	7.24E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180640.00	7.75E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180660.00	8.24E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180700.00	9.12E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180720.00	9.49E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180740.00	9.78E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180780.00	1.01E+00	1.8	SRCGP9	OFF_SITE
553500.00	4180800.00	1.02E+00	1.8	SRCGP9	OFF_SITE
553500.00	4180820.00	1.02E+00	1.8	SRCGP9	OFF_SITE
553500.00	4180840.00	1.00E+00	1.8	SRCGP9	OFF_SITE
553500.00	4180860.00	9.81E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180900.00	9.20E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180920.00	8.84E-01	1.8	SRCGP9	OFF_SITE

553500.00	4180940.00	8.46E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180960.00	8.07E-01	1.8	SRCGP9	OFF_SITE
553500.00	4180980.00	7.69E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181000.00	7.32E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181060.00	6.32E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181080.00	6.04E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181100.00	5.78E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181120.00	5.54E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181140.00	5.32E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181160.00	5.12E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181180.00	4.92E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181220.00	4.55E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181240.00	4.37E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181260.00	4.20E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181280.00	4.04E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181300.00	3.88E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181320.00	3.72E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181360.00	3.43E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181380.00	3.28E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181400.00	3.14E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181420.00	3.00E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181460.00	2.73E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181480.00	2.59E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181500.00	2.47E-01	1.8	SRCGP9	OFF_SITE
553500.00	4181520.00	2.35E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180520.00	4.99E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180540.00	5.41E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180560.00	5.88E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180580.00	6.39E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180600.00	6.94E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180620.00	7.51E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180640.00	8.09E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180660.00	8.66E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180700.00	9.70E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180720.00	1.01E+00	1.8	SRCGP9	OFF_SITE
553520.00	4180740.00	1.05E+00	1.8	SRCGP9	OFF_SITE
553520.00	4180760.00	1.08E+00	1.8	SRCGP9	OFF_SITE
553520.00	4180800.00	1.11E+00	1.8	SRCGP9	OFF_SITE
553520.00	4180820.00	1.11E+00	1.8	SRCGP9	OFF_SITE
553520.00	4180840.00	1.10E+00	1.8	SRCGP9	OFF_SITE
553520.00	4180860.00	1.08E+00	1.8	SRCGP9	OFF_SITE
553520.00	4180880.00	1.05E+00	1.8	SRCGP9	OFF_SITE
553520.00	4180920.00	9.78E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180940.00	9.36E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180960.00	8.92E-01	1.8	SRCGP9	OFF_SITE
553520.00	4180980.00	8.49E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181000.00	8.07E-01	1.8	SRCGP9	OFF_SITE

553520.00	4181080.00	6.58E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181100.00	6.28E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181120.00	6.00E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181140.00	5.75E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181160.00	5.52E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181180.00	5.29E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181200.00	5.07E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181240.00	4.66E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181260.00	4.46E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181280.00	4.27E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181300.00	4.09E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181320.00	3.91E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181340.00	3.74E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181380.00	3.41E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181400.00	3.25E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181440.00	2.94E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181460.00	2.79E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181480.00	2.65E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181500.00	2.51E-01	1.8	SRCGP9	OFF_SITE
553520.00	4181520.00	2.38E-01	1.8	SRCGP9	OFF_SITE
553540.00	4180520.00	5.08E-01	1.8	SRCGP9	OFF_SITE
553540.00	4180540.00	5.52E-01	1.8	SRCGP9	OFF_SITE
553540.00	4180560.00	6.01E-01	1.8	SRCGP9	OFF_SITE
553540.00	4180580.00	6.56E-01	1.8	SRCGP9	OFF_SITE
553540.00	4180600.00	7.15E-01	1.8	SRCGP9	OFF_SITE
553540.00	4180620.00	7.78E-01	1.8	SRCGP9	OFF_SITE
553540.00	4180640.00	8.43E-01	1.8	SRCGP9	OFF_SITE
553540.00	4180660.00	9.09E-01	1.8	SRCGP9	OFF_SITE
553540.00	4180700.00	1.03E+00	1.8	SRCGP9	OFF_SITE
553540.00	4180720.00	1.09E+00	1.8	SRCGP9	OFF_SITE
553540.00	4180740.00	1.13E+00	1.8	SRCGP9	OFF_SITE
553540.00	4180760.00	1.17E+00	1.8	SRCGP9	OFF_SITE
553540.00	4180780.00	1.20E+00	1.8	SRCGP9	OFF_SITE
553540.00	4180820.00	1.22E+00	1.8	SRCGP9	OFF_SITE
553540.00	4180840.00	1.22E+00	1.8	SRCGP9	OFF_SITE
553540.00	4180860.00	1.20E+00	1.8	SRCGP9	OFF_SITE
553540.00	4180880.00	1.17E+00	1.8	SRCGP9	OFF_SITE
553540.00	4180900.00	1.13E+00	1.8	SRCGP9	OFF_SITE
553540.00	4180940.00	1.04E+00	1.8	SRCGP9	OFF_SITE
553540.00	4180960.00	9.92E-01	1.8	SRCGP9	OFF_SITE
553540.00	4180980.00	9.42E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181100.00	6.85E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181120.00	6.53E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181140.00	6.24E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181160.00	5.96E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181180.00	5.70E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181200.00	5.44E-01	1.8	SRCGP9	OFF_SITE

553540.00	4181220.00	5.20E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181260.00	4.73E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181280.00	4.52E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181300.00	4.31E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181320.00	4.10E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181340.00	3.91E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181360.00	3.72E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181420.00	3.18E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181440.00	3.01E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181460.00	2.85E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181480.00	2.69E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181500.00	2.55E-01	1.8	SRCGP9	OFF_SITE
553540.00	4181520.00	2.41E-01	1.8	SRCGP9	OFF_SITE
553560.00	4180520.00	5.16E-01	1.8	SRCGP9	OFF_SITE
553560.00	4180540.00	5.62E-01	1.8	SRCGP9	OFF_SITE
553560.00	4180560.00	6.14E-01	1.8	SRCGP9	OFF_SITE
553560.00	4180580.00	6.72E-01	1.8	SRCGP9	OFF_SITE
553560.00	4180600.00	7.36E-01	1.8	SRCGP9	OFF_SITE
553560.00	4180620.00	8.05E-01	1.8	SRCGP9	OFF_SITE
553560.00	4180640.00	8.78E-01	1.8	SRCGP9	OFF_SITE
553560.00	4180660.00	9.54E-01	1.8	SRCGP9	OFF_SITE
553560.00	4180700.00	1.10E+00	1.8	SRCGP9	OFF_SITE
553560.00	4180720.00	1.16E+00	1.8	SRCGP9	OFF_SITE
553560.00	4180740.00	1.22E+00	1.8	SRCGP9	OFF_SITE
553560.00	4180760.00	1.27E+00	1.8	SRCGP9	OFF_SITE
553560.00	4180780.00	1.31E+00	1.8	SRCGP9	OFF_SITE
553560.00	4180800.00	1.34E+00	1.8	SRCGP9	OFF_SITE
553560.00	4180840.00	1.35E+00	1.8	SRCGP9	OFF_SITE
553560.00	4180860.00	1.33E+00	1.8	SRCGP9	OFF_SITE
553560.00	4180880.00	1.31E+00	1.8	SRCGP9	OFF_SITE
553560.00	4180900.00	1.27E+00	1.8	SRCGP9	OFF_SITE
553560.00	4180920.00	1.22E+00	1.8	SRCGP9	OFF_SITE
553560.00	4181000.00	9.94E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181020.00	9.38E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181120.00	7.12E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181140.00	6.78E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181160.00	6.46E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181180.00	6.15E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181200.00	5.85E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181220.00	5.56E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181240.00	5.28E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181280.00	4.77E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181300.00	4.53E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181320.00	4.30E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181340.00	4.08E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181420.00	3.26E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181440.00	3.07E-01	1.8	SRCGP9	OFF_SITE

553560.00	4181460.00	2.90E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181480.00	2.73E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181500.00	2.58E-01	1.8	SRCGP9	OFF_SITE
553560.00	4181520.00	2.43E-01	1.8	SRCGP9	OFF_SITE
553580.00	4180520.00	5.25E-01	1.8	SRCGP9	OFF_SITE
553580.00	4180540.00	5.73E-01	1.8	SRCGP9	OFF_SITE
553580.00	4180560.00	6.27E-01	1.8	SRCGP9	OFF_SITE
553580.00	4180580.00	6.88E-01	1.8	SRCGP9	OFF_SITE
553580.00	4180600.00	7.57E-01	1.8	SRCGP9	OFF_SITE
553580.00	4180620.00	8.32E-01	1.8	SRCGP9	OFF_SITE
553580.00	4180640.00	9.14E-01	1.8	SRCGP9	OFF_SITE
553580.00	4180660.00	1.00E+00	1.8	SRCGP9	OFF_SITE
553580.00	4180700.00	1.17E+00	1.8	SRCGP9	OFF_SITE
553580.00	4180720.00	1.25E+00	1.8	SRCGP9	OFF_SITE
553580.00	4180740.00	1.32E+00	1.8	SRCGP9	OFF_SITE
553580.00	4180760.00	1.38E+00	1.8	SRCGP9	OFF_SITE
553580.00	4180780.00	1.43E+00	1.8	SRCGP9	OFF_SITE
553580.00	4180800.00	1.47E+00	1.8	SRCGP9	OFF_SITE
553580.00	4180820.00	1.49E+00	1.8	SRCGP9	OFF_SITE
553580.00	4181000.00	1.11E+00	1.8	SRCGP9	OFF_SITE
553580.00	4181020.00	1.05E+00	1.8	SRCGP9	OFF_SITE
553580.00	4181040.00	9.85E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181140.00	7.39E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181160.00	7.01E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181180.00	6.64E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181200.00	6.29E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181220.00	5.95E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181240.00	5.63E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181260.00	5.33E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181300.00	4.76E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181320.00	4.50E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181440.00	3.13E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181460.00	2.94E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181480.00	2.77E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181500.00	2.60E-01	1.8	SRCGP9	OFF_SITE
553580.00	4181520.00	2.45E-01	1.8	SRCGP9	OFF_SITE
553600.00	4180800.00	1.62E+00	1.8	SRCGP9	OFF_SITE
553600.00	4180820.00	1.66E+00	1.8	SRCGP9	OFF_SITE
553600.00	4180840.00	1.67E+00	1.8	SRCGP9	OFF_SITE
553600.00	4180860.00	1.67E+00	1.8	SRCGP9	OFF_SITE
553600.00	4180900.00	1.61E+00	1.8	SRCGP9	OFF_SITE
553600.00	4180920.00	1.56E+00	1.8	SRCGP9	OFF_SITE
553600.00	4180940.00	1.49E+00	1.8	SRCGP9	OFF_SITE
553600.00	4181000.00	1.26E+00	1.8	SRCGP9	OFF_SITE
553600.00	4181020.00	1.18E+00	1.8	SRCGP9	OFF_SITE
553600.00	4181040.00	1.10E+00	1.8	SRCGP9	OFF_SITE
553600.00	4181060.00	1.03E+00	1.8	SRCGP9	OFF_SITE

553600.00	4181160.00	7.62E-01	1.8	SRCGP9	OFF_SITE
553600.00	4181180.00	7.19E-01	1.8	SRCGP9	OFF_SITE
553600.00	4181200.00	6.77E-01	1.8	SRCGP9	OFF_SITE
553600.00	4181220.00	6.37E-01	1.8	SRCGP9	OFF_SITE
553600.00	4181240.00	6.00E-01	1.8	SRCGP9	OFF_SITE
553600.00	4181260.00	5.64E-01	1.8	SRCGP9	OFF_SITE
553600.00	4181280.00	5.31E-01	1.8	SRCGP9	OFF_SITE
553600.00	4181460.00	2.98E-01	1.8	SRCGP9	OFF_SITE
553600.00	4181480.00	2.79E-01	1.8	SRCGP9	OFF_SITE
553600.00	4181500.00	2.62E-01	1.8	SRCGP9	OFF_SITE
553600.00	4181520.00	2.47E-01	1.8	SRCGP9	OFF_SITE
553620.00	4180520.00	5.44E-01	1.8	SRCGP9	OFF_SITE
553620.00	4180540.00	5.95E-01	1.8	SRCGP9	OFF_SITE
553620.00	4180560.00	6.53E-01	1.8	SRCGP9	OFF_SITE
553620.00	4180600.00	7.98E-01	1.8	SRCGP9	OFF_SITE
553620.00	4180620.00	8.86E-01	1.8	SRCGP9	OFF_SITE
553620.00	4180640.00	9.86E-01	1.8	SRCGP9	OFF_SITE
553620.00	4180660.00	1.09E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180700.00	1.33E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180720.00	1.44E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180740.00	1.55E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180760.00	1.65E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180780.00	1.73E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180800.00	1.80E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180820.00	1.85E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180840.00	1.88E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180860.00	1.88E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180900.00	1.83E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180920.00	1.78E+00	1.8	SRCGP9	OFF_SITE
553620.00	4180940.00	1.71E+00	1.8	SRCGP9	OFF_SITE
553620.00	4181000.00	1.43E+00	1.8	SRCGP9	OFF_SITE
553620.00	4181020.00	1.34E+00	1.8	SRCGP9	OFF_SITE
553620.00	4181040.00	1.24E+00	1.8	SRCGP9	OFF_SITE
553620.00	4181060.00	1.16E+00	1.8	SRCGP9	OFF_SITE
553620.00	4181080.00	1.08E+00	1.8	SRCGP9	OFF_SITE
553620.00	4181180.00	7.79E-01	1.8	SRCGP9	OFF_SITE
553620.00	4181200.00	7.29E-01	1.8	SRCGP9	OFF_SITE
553620.00	4181220.00	6.82E-01	1.8	SRCGP9	OFF_SITE
553620.00	4181240.00	6.38E-01	1.8	SRCGP9	OFF_SITE
553620.00	4181260.00	5.97E-01	1.8	SRCGP9	OFF_SITE
553620.00	4181280.00	5.59E-01	1.8	SRCGP9	OFF_SITE
553620.00	4181480.00	2.82E-01	1.8	SRCGP9	OFF_SITE
553620.00	4181500.00	2.64E-01	1.8	SRCGP9	OFF_SITE
553620.00	4181520.00	2.48E-01	1.8	SRCGP9	OFF_SITE
553640.00	4180520.00	5.54E-01	1.8	SRCGP9	OFF_SITE
553640.00	4180540.00	6.06E-01	1.8	SRCGP9	OFF_SITE
553640.00	4180560.00	6.66E-01	1.8	SRCGP9	OFF_SITE



553640.00	4180600.00	8.18E-01	1.8	SRCGP9	OFF_SITE
553640.00	4180620.00	9.13E-01	1.8	SRCGP9	OFF_SITE
553640.00	4180640.00	1.02E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180660.00	1.14E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180700.00	1.41E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180720.00	1.55E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180740.00	1.68E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180760.00	1.80E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180780.00	1.91E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180800.00	2.00E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180820.00	2.07E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180840.00	2.11E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180860.00	2.14E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180900.00	2.10E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180920.00	2.05E+00	1.8	SRCGP9	OFF_SITE
553640.00	4180940.00	1.97E+00	1.8	SRCGP9	OFF_SITE
553640.00	4181000.00	1.64E+00	1.8	SRCGP9	OFF_SITE
553640.00	4181020.00	1.53E+00	1.8	SRCGP9	OFF_SITE
553640.00	4181040.00	1.42E+00	1.8	SRCGP9	OFF_SITE
553640.00	4181060.00	1.31E+00	1.8	SRCGP9	OFF_SITE
553640.00	4181080.00	1.21E+00	1.8	SRCGP9	OFF_SITE
553640.00	4181100.00	1.13E+00	1.8	SRCGP9	OFF_SITE
553640.00	4181200.00	7.85E-01	1.8	SRCGP9	OFF_SITE
553640.00	4181220.00	7.30E-01	1.8	SRCGP9	OFF_SITE
553640.00	4181240.00	6.78E-01	1.8	SRCGP9	OFF_SITE
553640.00	4181260.00	6.31E-01	1.8	SRCGP9	OFF_SITE
553640.00	4181500.00	2.65E-01	1.8	SRCGP9	OFF_SITE
553640.00	4181520.00	2.48E-01	1.8	SRCGP9	OFF_SITE
553660.00	4180520.00	5.63E-01	1.8	SRCGP9	OFF_SITE
553660.00	4180540.00	6.17E-01	1.8	SRCGP9	OFF_SITE
553660.00	4180560.00	6.80E-01	1.8	SRCGP9	OFF_SITE
553660.00	4180600.00	8.39E-01	1.8	SRCGP9	OFF_SITE
553660.00	4180620.00	9.39E-01	1.8	SRCGP9	OFF_SITE
553660.00	4180640.00	1.06E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180660.00	1.19E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180700.00	1.50E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180720.00	1.67E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180740.00	1.83E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180760.00	1.98E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180780.00	2.12E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180800.00	2.24E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180820.00	2.33E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180840.00	2.40E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180860.00	2.44E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180900.00	2.43E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180920.00	2.38E+00	1.8	SRCGP9	OFF_SITE
553660.00	4180940.00	2.29E+00	1.8	SRCGP9	OFF_SITE

553660.00	4181000.00	1.91E+00	1.8	SRCGP9	OFF_SITE
553660.00	4181020.00	1.76E+00	1.8	SRCGP9	OFF_SITE
553660.00	4181040.00	1.62E+00	1.8	SRCGP9	OFF_SITE
553660.00	4181060.00	1.49E+00	1.8	SRCGP9	OFF_SITE
553660.00	4181080.00	1.37E+00	1.8	SRCGP9	OFF_SITE
553660.00	4181100.00	1.26E+00	1.8	SRCGP9	OFF_SITE
553660.00	4181120.00	1.17E+00	1.8	SRCGP9	OFF_SITE
553660.00	4181220.00	7.80E-01	1.8	SRCGP9	OFF_SITE
553660.00	4181240.00	7.20E-01	1.8	SRCGP9	OFF_SITE
553660.00	4181520.00	2.48E-01	1.8	SRCGP9	OFF_SITE
553680.00	4180520.00	5.73E-01	1.8	SRCGP9	OFF_SITE
553680.00	4180540.00	6.28E-01	1.8	SRCGP9	OFF_SITE
553680.00	4180560.00	6.93E-01	1.8	SRCGP9	OFF_SITE
553680.00	4180600.00	8.59E-01	1.8	SRCGP9	OFF_SITE
553680.00	4180620.00	9.65E-01	1.8	SRCGP9	OFF_SITE
553680.00	4180640.00	1.09E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180660.00	1.24E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180700.00	1.60E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180720.00	1.80E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180740.00	2.00E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180760.00	2.19E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180780.00	2.36E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180800.00	2.52E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180820.00	2.64E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180840.00	2.74E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180860.00	2.80E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180900.00	2.82E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180920.00	2.78E+00	1.8	SRCGP9	OFF_SITE
553680.00	4180940.00	2.69E+00	1.8	SRCGP9	OFF_SITE
553680.00	4181000.00	2.24E+00	1.8	SRCGP9	OFF_SITE
553680.00	4181020.00	2.06E+00	1.8	SRCGP9	OFF_SITE
553680.00	4181040.00	1.88E+00	1.8	SRCGP9	OFF_SITE
553680.00	4181060.00	1.72E+00	1.8	SRCGP9	OFF_SITE
553680.00	4181080.00	1.56E+00	1.8	SRCGP9	OFF_SITE
553680.00	4181100.00	1.43E+00	1.8	SRCGP9	OFF_SITE
553680.00	4181120.00	1.30E+00	1.8	SRCGP9	OFF_SITE
553680.00	4181140.00	1.19E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180520.00	5.81E-01	1.8	SRCGP9	OFF_SITE
553700.00	4180540.00	6.38E-01	1.8	SRCGP9	OFF_SITE
553700.00	4180560.00	7.05E-01	1.8	SRCGP9	OFF_SITE
553700.00	4180600.00	8.78E-01	1.8	SRCGP9	OFF_SITE
553700.00	4180620.00	9.90E-01	1.8	SRCGP9	OFF_SITE
553700.00	4180640.00	1.12E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180660.00	1.29E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180700.00	1.70E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180720.00	1.93E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180740.00	2.18E+00	1.8	SRCGP9	OFF_SITE

553700.00	4180760.00	2.42E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180780.00	2.65E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180800.00	2.85E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180820.00	3.02E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180840.00	3.15E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180860.00	3.25E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180900.00	3.32E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180920.00	3.28E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180940.00	3.20E+00	1.8	SRCGP9	OFF_SITE
553700.00	4181000.00	2.67E+00	1.8	SRCGP9	OFF_SITE
553700.00	4181020.00	2.44E+00	1.8	SRCGP9	OFF_SITE
553700.00	4181040.00	2.21E+00	1.8	SRCGP9	OFF_SITE
553700.00	4181060.00	1.99E+00	1.8	SRCGP9	OFF_SITE
553700.00	4181080.00	1.79E+00	1.8	SRCGP9	OFF_SITE
553700.00	4181100.00	1.62E+00	1.8	SRCGP9	OFF_SITE
553700.00	4181120.00	1.46E+00	1.8	SRCGP9	OFF_SITE
553700.00	4181140.00	1.32E+00	1.8	SRCGP9	OFF_SITE
553720.00	4180520.00	5.88E-01	1.8	SRCGP9	OFF_SITE
553720.00	4180540.00	6.47E-01	1.8	SRCGP9	OFF_SITE
553720.00	4180560.00	7.16E-01	1.8	SRCGP9	OFF_SITE
553720.00	4180600.00	8.96E-01	1.8	SRCGP9	OFF_SITE
553720.00	4180620.00	1.01E+00	1.8	SRCGP9	OFF_SITE
553720.00	4180640.00	1.16E+00	1.8	SRCGP9	OFF_SITE
553720.00	4180660.00	1.33E+00	1.8	SRCGP9	OFF_SITE
553740.00	4180520.00	5.92E-01	1.8	SRCGP9	OFF_SITE
553740.00	4180540.00	6.53E-01	1.8	SRCGP9	OFF_SITE
553740.00	4180560.00	7.25E-01	1.8	SRCGP9	OFF_SITE
553760.00	4180620.00	1.05E+00	1.8	SRCGP9	OFF_SITE
553760.00	4180640.00	1.21E+00	1.8	SRCGP9	OFF_SITE
553760.00	4180660.00	1.41E+00	1.8	SRCGP9	OFF_SITE
553760.00	4180680.00	1.66E+00	1.8	SRCGP9	OFF_SITE
553760.00	4180720.00	2.38E+00	1.8	SRCGP9	OFF_SITE
553760.00	4180740.00	2.85E+00	1.8	SRCGP9	OFF_SITE
553760.00	4180760.00	3.36E+00	1.8	SRCGP9	OFF_SITE
553760.00	4180780.00	3.88E+00	1.8	SRCGP9	OFF_SITE
553780.00	4180520.00	5.89E-01	1.8	SRCGP9	OFF_SITE
553780.00	4180540.00	6.53E-01	1.8	SRCGP9	OFF_SITE
553780.00	4180560.00	7.29E-01	1.8	SRCGP9	OFF_SITE
553780.00	4180580.00	8.20E-01	1.8	SRCGP9	OFF_SITE
553780.00	4180600.00	9.29E-01	1.8	SRCGP9	OFF_SITE
553780.00	4180620.00	1.06E+00	1.8	SRCGP9	OFF_SITE
553780.00	4180640.00	1.23E+00	1.8	SRCGP9	OFF_SITE
553780.00	4180660.00	1.44E+00	1.8	SRCGP9	OFF_SITE
553780.00	4180680.00	1.71E+00	1.8	SRCGP9	OFF_SITE
553780.00	4180720.00	2.52E+00	1.8	SRCGP9	OFF_SITE
553780.00	4180740.00	3.10E+00	1.8	SRCGP9	OFF_SITE
553780.00	4180760.00	3.77E+00	1.8	SRCGP9	OFF_SITE

553780.00	4180780.00	4.49E+00	1.8	SRCGP9	OFF_SITE
553800.00	4180520.00	5.80E-01	1.8	SRCGP9	OFF_SITE
553800.00	4180540.00	6.46E-01	1.8	SRCGP9	OFF_SITE
553800.00	4180560.00	7.23E-01	1.8	SRCGP9	OFF_SITE
553800.00	4180580.00	8.15E-01	1.8	SRCGP9	OFF_SITE
553800.00	4180600.00	9.26E-01	1.8	SRCGP9	OFF_SITE
553800.00	4180620.00	1.06E+00	1.8	SRCGP9	OFF_SITE
553800.00	4180640.00	1.24E+00	1.8	SRCGP9	OFF_SITE
553800.00	4180660.00	1.46E+00	1.8	SRCGP9	OFF_SITE
553800.00	4180680.00	1.74E+00	1.8	SRCGP9	OFF_SITE
553800.00	4180720.00	2.65E+00	1.8	SRCGP9	OFF_SITE
553800.00	4180740.00	3.34E+00	1.8	SRCGP9	OFF_SITE
553800.00	4180760.00	4.22E+00	1.8	SRCGP9	OFF_SITE
553800.00	4180780.00	5.22E+00	1.8	SRCGP9	OFF_SITE
553820.00	4180520.00	5.66E-01	1.8	SRCGP9	OFF_SITE
553820.00	4180540.00	6.31E-01	1.8	SRCGP9	OFF_SITE
553820.00	4180560.00	7.08E-01	1.8	SRCGP9	OFF_SITE
553820.00	4180580.00	8.01E-01	1.8	SRCGP9	OFF_SITE
553820.00	4180620.00	1.05E+00	1.8	SRCGP9	OFF_SITE
553820.00	4180640.00	1.23E+00	1.8	SRCGP9	OFF_SITE
553820.00	4180660.00	1.46E+00	1.8	SRCGP9	OFF_SITE
553820.00	4180680.00	1.76E+00	1.8	SRCGP9	OFF_SITE
553820.00	4180720.00	2.74E+00	1.8	SRCGP9	OFF_SITE
553820.00	4180740.00	3.56E+00	1.8	SRCGP9	OFF_SITE
553820.00	4180760.00	4.69E+00	1.8	SRCGP9	OFF_SITE
553820.00	4180780.00	6.13E+00	1.8	SRCGP9	OFF_SITE
553840.00	4180520.00	5.48E-01	1.8	SRCGP9	OFF_SITE
553840.00	4180540.00	6.11E-01	1.8	SRCGP9	OFF_SITE
553840.00	4180560.00	6.86E-01	1.8	SRCGP9	OFF_SITE
553840.00	4180580.00	7.77E-01	1.8	SRCGP9	OFF_SITE
553840.00	4180620.00	1.03E+00	1.8	SRCGP9	OFF_SITE
553840.00	4180640.00	1.20E+00	1.8	SRCGP9	OFF_SITE
553840.00	4180660.00	1.43E+00	1.8	SRCGP9	OFF_SITE
553840.00	4180680.00	1.74E+00	1.8	SRCGP9	OFF_SITE
553840.00	4180720.00	2.78E+00	1.8	SRCGP9	OFF_SITE
553840.00	4180740.00	3.71E+00	1.8	SRCGP9	OFF_SITE
553840.00	4180760.00	5.13E+00	1.8	SRCGP9	OFF_SITE
553840.00	4180780.00	7.23E+00	1.8	SRCGP9	OFF_SITE
553860.00	4180520.00	5.25E-01	1.8	SRCGP9	OFF_SITE
553860.00	4180540.00	5.85E-01	1.8	SRCGP9	OFF_SITE
553860.00	4180560.00	6.58E-01	1.8	SRCGP9	OFF_SITE
553860.00	4180580.00	7.45E-01	1.8	SRCGP9	OFF_SITE
553860.00	4180620.00	9.87E-01	1.8	SRCGP9	OFF_SITE
553860.00	4180640.00	1.16E+00	1.8	SRCGP9	OFF_SITE
553860.00	4180660.00	1.38E+00	1.8	SRCGP9	OFF_SITE
553860.00	4180680.00	1.69E+00	1.8	SRCGP9	OFF_SITE
553860.00	4180720.00	2.75E+00	1.8	SRCGP9	OFF_SITE

553860.00	4180740.00	3.74E+00	1.8	SRCGP9	OFF_SITE
553860.00	4180760.00	5.42E+00	1.8	SRCGP9	OFF_SITE
553860.00	4180780.00	8.39E+00	1.8	SRCGP9	OFF_SITE
553880.00	4180520.00	4.99E-01	1.8	SRCGP9	OFF_SITE
553880.00	4180540.00	5.56E-01	1.8	SRCGP9	OFF_SITE
553880.00	4180560.00	6.24E-01	1.8	SRCGP9	OFF_SITE
553880.00	4180580.00	7.07E-01	1.8	SRCGP9	OFF_SITE
553880.00	4180620.00	9.35E-01	1.8	SRCGP9	OFF_SITE
553880.00	4180640.00	1.10E+00	1.8	SRCGP9	OFF_SITE
553880.00	4180660.00	1.31E+00	1.8	SRCGP9	OFF_SITE
553880.00	4180680.00	1.60E+00	1.8	SRCGP9	OFF_SITE
553880.00	4180720.00	2.62E+00	1.8	SRCGP9	OFF_SITE
553880.00	4180740.00	3.61E+00	1.8	SRCGP9	OFF_SITE
553880.00	4180760.00	5.40E+00	1.8	SRCGP9	OFF_SITE
553880.00	4180780.00	9.11E+00	1.8	SRCGP9	OFF_SITE
553900.00	4180520.00	4.72E-01	1.8	SRCGP9	OFF_SITE
553900.00	4180540.00	5.25E-01	1.8	SRCGP9	OFF_SITE
553900.00	4180560.00	5.88E-01	1.8	SRCGP9	OFF_SITE
553900.00	4180580.00	6.65E-01	1.8	SRCGP9	OFF_SITE
553900.00	4180620.00	8.75E-01	1.8	SRCGP9	OFF_SITE
553900.00	4180640.00	1.02E+00	1.8	SRCGP9	OFF_SITE
553900.00	4180660.00	1.22E+00	1.8	SRCGP9	OFF_SITE
553900.00	4180680.00	1.48E+00	1.8	SRCGP9	OFF_SITE
553900.00	4180720.00	2.41E+00	1.8	SRCGP9	OFF_SITE
553900.00	4180740.00	3.32E+00	1.8	SRCGP9	OFF_SITE
553900.00	4180760.00	5.00E+00	1.8	SRCGP9	OFF_SITE
553900.00	4180780.00	8.80E+00	1.8	SRCGP9	OFF_SITE
553920.00	4180520.00	4.46E-01	1.8	SRCGP9	OFF_SITE
553920.00	4180540.00	4.94E-01	1.8	SRCGP9	OFF_SITE
553920.00	4180560.00	5.52E-01	1.8	SRCGP9	OFF_SITE
553920.00	4180580.00	6.22E-01	1.8	SRCGP9	OFF_SITE
553920.00	4180620.00	8.13E-01	1.8	SRCGP9	OFF_SITE
553920.00	4180640.00	9.47E-01	1.8	SRCGP9	OFF_SITE
553920.00	4180660.00	1.12E+00	1.8	SRCGP9	OFF_SITE
553920.00	4180680.00	1.36E+00	1.8	SRCGP9	OFF_SITE
553920.00	4180720.00	2.17E+00	1.8	SRCGP9	OFF_SITE
553920.00	4180740.00	2.96E+00	1.8	SRCGP9	OFF_SITE
553920.00	4180760.00	4.42E+00	1.8	SRCGP9	OFF_SITE
553920.00	4180780.00	7.90E+00	1.8	SRCGP9	OFF_SITE
553940.00	4180520.00	4.21E-01	1.8	SRCGP9	OFF_SITE
553940.00	4180540.00	4.65E-01	1.8	SRCGP9	OFF_SITE
553940.00	4180560.00	5.18E-01	1.8	SRCGP9	OFF_SITE
553940.00	4180580.00	5.82E-01	1.8	SRCGP9	OFF_SITE
553940.00	4180620.00	7.54E-01	1.8	SRCGP9	OFF_SITE
553940.00	4180640.00	8.75E-01	1.8	SRCGP9	OFF_SITE
553940.00	4180660.00	1.03E+00	1.8	SRCGP9	OFF_SITE
553940.00	4180680.00	1.24E+00	1.8	SRCGP9	OFF_SITE

553940.00	4180720.00	1.95E+00	1.8	SRCGP9	OFF_SITE
553940.00	4180740.00	2.63E+00	1.8	SRCGP9	OFF_SITE
553940.00	4180760.00	3.92E+00	1.8	SRCGP9	OFF_SITE
553940.00	4180780.00	6.90E+00	1.8	SRCGP9	OFF_SITE
553960.00	4180520.00	3.98E-01	1.8	SRCGP9	OFF_SITE
553960.00	4180540.00	4.39E-01	1.8	SRCGP9	OFF_SITE
553960.00	4180560.00	4.88E-01	1.8	SRCGP9	OFF_SITE
553960.00	4180580.00	5.46E-01	1.8	SRCGP9	OFF_SITE
553960.00	4180620.00	7.02E-01	1.8	SRCGP9	OFF_SITE
553960.00	4180640.00	8.10E-01	1.8	SRCGP9	OFF_SITE
553960.00	4180660.00	9.50E-01	1.8	SRCGP9	OFF_SITE
553960.00	4180680.00	1.14E+00	1.8	SRCGP9	OFF_SITE
553960.00	4180720.00	1.78E+00	1.8	SRCGP9	OFF_SITE
553960.00	4180740.00	2.42E+00	1.8	SRCGP9	OFF_SITE
553960.00	4180760.00	3.60E+00	1.8	SRCGP9	OFF_SITE
553980.00	4180520.00	3.77E-01	1.8	SRCGP9	OFF_SITE
553980.00	4180540.00	4.15E-01	1.8	SRCGP9	OFF_SITE
553980.00	4180560.00	4.60E-01	1.8	SRCGP9	OFF_SITE
553980.00	4180580.00	5.14E-01	1.8	SRCGP9	OFF_SITE
553980.00	4180620.00	6.57E-01	1.8	SRCGP9	OFF_SITE
553980.00	4180640.00	7.57E-01	1.8	SRCGP9	OFF_SITE
553980.00	4180660.00	8.85E-01	1.8	SRCGP9	OFF_SITE
553980.00	4180680.00	1.06E+00	1.8	SRCGP9	OFF_SITE
553560.00	4181180.00	6.15E-01	1.8	SRCGP9	OFF_SITE
553920.00	4180660.00	1.12E+00	1.8	SRCGP9	OFF_SITE
553700.00	4180920.00	3.28E+00	1.8	SRCGP9	OFF_SITE
553560.00	4180920.00	1.22E+00	1.8	SRCGP9	OFF_SITE
553680.00	4181060.00	1.72E+00	1.8	SRCGP9	OFF_SITE
553760.00	4181080.00	2.91E+00	1.8	SRCGP9	R_A1_BA
553780.00	4181080.00	3.53E+00	1.8	SRCGP9	R_A1_BA
553760.00	4181100.00	2.48E+00	1.8	SRCGP9	R_A1_BA
553780.00	4181100.00	2.92E+00	1.8	SRCGP9	R_A1_BA
553760.00	4181120.00	2.12E+00	1.8	SRCGP9	R_A1_BA
553780.00	4181120.00	2.43E+00	1.8	SRCGP9	R_A1_BA
553760.00	4181140.00	1.82E+00	1.8	SRCGP9	R_A1_BA
553780.00	4181140.00	2.03E+00	1.8	SRCGP9	R_A1_BA
553760.00	4181000.00	4.99E+00	1.8	SRCGP9	R_A1_BB
553780.00	4181000.00	6.41E+00	1.8	SRCGP9	R_A1_BB
553760.00	4181020.00	4.50E+00	1.8	SRCGP9	R_A1_BB
553780.00	4181020.00	5.78E+00	1.8	SRCGP9	R_A1_BB
553760.00	4181040.00	3.95E+00	1.8	SRCGP9	R_A1_BB
553780.00	4181040.00	5.03E+00	1.8	SRCGP9	R_A1_BB
553780.00	4181060.00	4.25E+00	1.8	SRCGP9	R_A1_BB
553760.00	4180900.00	5.78E+00	1.8	SRCGP9	R_A1_BC
553780.00	4180900.00	7.20E+00	1.8	SRCGP9	R_A1_BC
553760.00	4180920.00	5.83E+00	1.8	SRCGP9	R_A1_BC
553780.00	4180920.00	7.30E+00	1.8	SRCGP9	R_A1_BC

553760.00	4180940.00	5.79E+00	1.8	SRCGP9	R_A1_BC
553780.00	4180940.00	7.29E+00	1.8	SRCGP9	R_A1_BC
553760.00	4180960.00	5.64E+00	1.8	SRCGP9	R_A1_BC
553780.00	4180960.00	7.16E+00	1.8	SRCGP9	R_A1_BC
553760.00	4180820.00	4.80E+00	1.8	SRCGP9	R_A1_BD1
553780.00	4180820.00	5.77E+00	1.8	SRCGP9	R_A1_BD1
553760.00	4180840.00	5.15E+00	1.8	SRCGP9	R_A1_BD1
553780.00	4180840.00	6.28E+00	1.8	SRCGP9	R_A1_BD1
553760.00	4180860.00	5.44E+00	1.8	SRCGP9	R_A1_BD1
553780.00	4180860.00	6.68E+00	1.8	SRCGP9	R_A1_BD1
553760.00	4180880.00	5.65E+00	1.8	SRCGP9	R_A1_BD1
553800.00	4180820.00	7.12E+00	1.8	SRCGP9	R_A1_BD2
553820.00	4180820.00	9.09E+00	1.8	SRCGP9	R_A1_BD2
553840.00	4180820.00	1.23E+01	1.8	SRCGP9	R_A1_BD2
553860.00	4180820.00	1.84E+01	1.8	SRCGP9	R_A1_BD2
553880.00	4180820.00	3.62E+01	1.8	SRCGP9	R_A1_BD2
553800.00	4180840.00	7.85E+00	1.8	SRCGP9	R_A1_BD2
553820.00	4180840.00	1.02E+01	1.8	SRCGP9	R_A1_BD2
553840.00	4180840.00	1.41E+01	1.8	SRCGP9	R_A1_BD2
553860.00	4180840.00	2.16E+01	1.8	SRCGP9	R_A1_BD2
553880.00	4180840.00	4.31E+01	1.8	SRCGP9	R_A1_BD2
553800.00	4180860.00	8.42E+00	1.8	SRCGP9	R_A1_BD2
553820.00	4180860.00	1.10E+01	1.8	SRCGP9	R_A1_BD2
553840.00	4180860.00	1.53E+01	1.8	SRCGP9	R_A1_BD2
553860.00	4180860.00	2.36E+01	1.8	SRCGP9	R_A1_BD2
553880.00	4180860.00	4.69E+01	1.8	SRCGP9	R_A1_BD2
553780.00	4180880.00	6.99E+00	1.8	SRCGP9	R_A1_BD2
553800.00	4180880.00	8.86E+00	1.8	SRCGP9	R_A1_BD2
553820.00	4180880.00	1.16E+01	1.8	SRCGP9	R_A1_BD2
553840.00	4180880.00	1.62E+01	1.8	SRCGP9	R_A1_BD2
553860.00	4180880.00	2.50E+01	1.8	SRCGP9	R_A1_BD2
553820.00	4181100.00	4.20E+00	1.8	SRCGP9	R_A2_BG
553840.00	4181100.00	5.17E+00	1.8	SRCGP9	R_A2_BG
553860.00	4181100.00	6.48E+00	1.8	SRCGP9	R_A2_BG
553820.00	4181120.00	3.19E+00	1.8	SRCGP9	R_A2_BG
553840.00	4181120.00	3.66E+00	1.8	SRCGP9	R_A2_BG
553860.00	4181120.00	4.17E+00	1.8	SRCGP9	R_A2_BG
553900.00	4181100.00	1.05E+01	1.8	SRCGP9	R_A2_BK
553920.00	4181100.00	1.21E+01	1.8	SRCGP9	R_A2_BK
553900.00	4181120.00	5.29E+00	1.8	SRCGP9	R_A2_BK
553920.00	4181120.00	5.88E+00	1.8	SRCGP9	R_A2_BK
553860.00	4181140.00	2.96E+00	1.8	SRCGP9	R_A2_PK
553880.00	4181140.00	3.14E+00	1.8	SRCGP9	R_A2_PK
553900.00	4181140.00	3.33E+00	1.8	SRCGP9	R_A2_PK
553920.00	4181140.00	3.54E+00	1.8	SRCGP9	R_A2_PK
553800.00	4181160.00	1.87E+00	1.8	SRCGP9	R_A2_PK
553820.00	4181160.00	2.01E+00	1.8	SRCGP9	R_A2_PK

553840.00	4181160.00	2.13E+00	1.8	SRCGP9	R_A2_PK
553860.00	4181160.00	2.22E+00	1.8	SRCGP9	R_A2_PK
553880.00	4181160.00	2.27E+00	1.8	SRCGP9	R_A2_PK
553900.00	4181160.00	2.32E+00	1.8	SRCGP9	R_A2_PK
553920.00	4181160.00	2.40E+00	1.8	SRCGP9	R_A2_PK
553740.00	4181180.00	1.26E+00	1.8	SRCGP9	R_A2_PK
553760.00	4181180.00	1.36E+00	1.8	SRCGP9	R_A2_PK
553780.00	4181180.00	1.46E+00	1.8	SRCGP9	R_A2_PK
553800.00	4181180.00	1.56E+00	1.8	SRCGP9	R_A2_PK
553820.00	4181180.00	1.64E+00	1.8	SRCGP9	R_A2_PK
553840.00	4181180.00	1.70E+00	1.8	SRCGP9	R_A2_PK
553860.00	4181180.00	1.73E+00	1.8	SRCGP9	R_A2_PK
553880.00	4181180.00	1.73E+00	1.8	SRCGP9	R_A2_PK
553900.00	4181180.00	1.73E+00	1.8	SRCGP9	R_A2_PK
553920.00	4181180.00	1.75E+00	1.8	SRCGP9	R_A2_PK
553740.00	4181200.00	1.12E+00	1.8	SRCGP9	R_A2_PK
553760.00	4181200.00	1.19E+00	1.8	SRCGP9	R_A2_PK
553780.00	4181200.00	1.26E+00	1.8	SRCGP9	R_A2_PK
553800.00	4181200.00	1.32E+00	1.8	SRCGP9	R_A2_PK
553820.00	4181200.00	1.36E+00	1.8	SRCGP9	R_A2_PK
553840.00	4181200.00	1.38E+00	1.8	SRCGP9	R_A2_PK
553860.00	4181200.00	1.38E+00	1.8	SRCGP9	R_A2_PK
553880.00	4181200.00	1.36E+00	1.8	SRCGP9	R_A2_PK
553900.00	4181200.00	1.35E+00	1.8	SRCGP9	R_A2_PK
553920.00	4181200.00	1.35E+00	1.8	SRCGP9	R_A2_PK
553840.00	4180920.00	1.74E+01	1.8	SRCGP9	R_A3_BE
553860.00	4180920.00	2.71E+01	1.8	SRCGP9	R_A3_BE
553820.00	4180940.00	1.26E+01	1.8	SRCGP9	R_A3_BE
553840.00	4180940.00	1.78E+01	1.8	SRCGP9	R_A3_BE
553860.00	4180940.00	2.79E+01	1.8	SRCGP9	R_A3_BE
553820.00	4181040.00	9.34E+00	1.8	SRCGP9	R_A3_BF
553840.00	4181040.00	1.43E+01	1.8	SRCGP9	R_A3_BF
553860.00	4181040.00	2.58E+01	1.8	SRCGP9	R_A3_BF
553820.00	4181060.00	7.49E+00	1.8	SRCGP9	R_A3_BF
553840.00	4181060.00	1.13E+01	1.8	SRCGP9	R_A3_BF
553860.00	4181060.00	2.11E+01	1.8	SRCGP9	R_A3_BF
553800.00	4180960.00	9.31E+00	1.8	SRCGP9	R_A3_SQ
553820.00	4180960.00	1.25E+01	1.8	SRCGP9	R_A3_SQ
553840.00	4180960.00	1.79E+01	1.8	SRCGP9	R_A3_SQ
553860.00	4180960.00	2.85E+01	1.8	SRCGP9	R_A3_SQ
553800.00	4180980.00	9.02E+00	1.8	SRCGP9	R_A3_SQ
553820.00	4180980.00	1.23E+01	1.8	SRCGP9	R_A3_SQ
553840.00	4180980.00	1.78E+01	1.8	SRCGP9	R_A3_SQ
553860.00	4180980.00	2.88E+01	1.8	SRCGP9	R_A3_SQ
553800.00	4181000.00	8.50E+00	1.8	SRCGP9	R_A3_SQ
553820.00	4181000.00	1.17E+01	1.8	SRCGP9	R_A3_SQ
553840.00	4181000.00	1.73E+01	1.8	SRCGP9	R_A3_SQ



553860.00	4181000.00	2.86E+01	1.8	SRCGP9	R_A3_SQ
553800.00	4181020.00	7.71E+00	1.8	SRCGP9	R_A3_SQ
553820.00	4181020.00	1.08E+01	1.8	SRCGP9	R_A3_SQ
553840.00	4181020.00	1.62E+01	1.8	SRCGP9	R_A3_SQ
553860.00	4181020.00	2.78E+01	1.8	SRCGP9	R_A3_SQ
553900.00	4180920.00	9.91E+01	1.8	SRCGP9	R_A4_BI
553920.00	4180920.00	1.07E+02	1.8	SRCGP9	R_A4_BI
553900.00	4180940.00	1.01E+02	1.8	SRCGP9	R_A4_BI
553920.00	4180940.00	1.08E+02	1.8	SRCGP9	R_A4_BI
553900.00	4180960.00	1.02E+02	1.8	SRCGP9	R_A4_BI
553920.00	4180960.00	1.10E+02	1.8	SRCGP9	R_A4_BI
553900.00	4181000.00	1.02E+02	1.8	SRCGP9	R_A4_BJ
553920.00	4181000.00	1.09E+02	1.8	SRCGP9	R_A4_BJ
553900.00	4181020.00	1.01E+02	1.8	SRCGP9	R_A4_BJ
553920.00	4181020.00	1.07E+02	1.8	SRCGP9	R_A4_BJ
553900.00	4181040.00	9.83E+01	1.8	SRCGP9	R_A4_BJ
553920.00	4181040.00	1.02E+02	1.8	SRCGP9	R_A4_BJ
553900.00	4181060.00	9.07E+01	1.8	SRCGP9	R_A4_BJ
553920.00	4181060.00	9.38E+01	1.8	SRCGP9	R_A4_BJ
553900.00	4181000.00	1.02E+02	1.8	SRCGP9	R_A4_BJ
553920.00	4181000.00	1.09E+02	1.8	SRCGP9	R_A4_BJ
553900.00	4180980.00	1.02E+02	1.8	SRCGP9	R_A4_CL
553920.00	4180980.00	1.10E+02	1.8	SRCGP9	R_A4_CL
553940.00	4180980.00	1.03E+02	1.8	SRCGP9	R_A4_CL
553880.00	4181000.00	6.32E+01	1.8	SRCGP9	R_A4_CL
553940.00	4181000.00	1.02E+02	1.8	SRCGP9	R_A4_CL
553940.00	4181080.00	4.26E+01	1.8	SRCGP9	R_A4_CL
553880.00	4180980.00	6.23E+01	1.8	SRCGP9	R_A4_CL
553600.00	4181380.00	3.87E-01	1.8	SRCGP9	R_ATT
553600.00	4181400.00	3.62E-01	1.8	SRCGP9	R_ATT
553620.00	4181340.00	4.56E-01	1.8	SRCGP9	R_ATT
553620.00	4181360.00	4.25E-01	1.8	SRCGP9	R_ATT
553620.00	4181380.00	3.96E-01	1.8	SRCGP9	R_ATT
553620.00	4181400.00	3.70E-01	1.8	SRCGP9	R_ATT
553620.00	4181420.00	3.45E-01	1.8	SRCGP9	R_ATT
553640.00	4181340.00	4.70E-01	1.8	SRCGP9	R_ATT
553640.00	4181320.00	5.06E-01	1.8	SRCGP9	R_ATT
553640.00	4181360.00	4.36E-01	1.8	SRCGP9	R_ATT
553640.00	4181380.00	4.05E-01	1.8	SRCGP9	R_ATT
553640.00	4181400.00	3.76E-01	1.8	SRCGP9	R_ATT
553640.00	4181420.00	3.49E-01	1.8	SRCGP9	R_ATT
553640.00	4181440.00	3.25E-01	1.8	SRCGP9	R_ATT
553660.00	4181320.00	5.23E-01	1.8	SRCGP9	R_ATT
553660.00	4181340.00	4.83E-01	1.8	SRCGP9	R_ATT
553660.00	4181360.00	4.46E-01	1.8	SRCGP9	R_ATT
553660.00	4181380.00	4.12E-01	1.8	SRCGP9	R_ATT
553660.00	4181400.00	3.81E-01	1.8	SRCGP9	R_ATT

553660.00	4181420.00	3.53E-01	1.8	SRCGP9	R_ATT
553660.00	4181440.00	3.28E-01	1.8	SRCGP9	R_ATT
553660.00	4181460.00	3.05E-01	1.8	SRCGP9	R_ATT
553680.00	4181360.00	4.54E-01	1.8	SRCGP9	R_ATT
553680.00	4181380.00	4.17E-01	1.8	SRCGP9	R_ATT
553680.00	4181400.00	3.85E-01	1.8	SRCGP9	R_ATT
553680.00	4181420.00	3.55E-01	1.8	SRCGP9	R_ATT
553680.00	4181440.00	3.29E-01	1.8	SRCGP9	R_ATT
553680.00	4181460.00	3.05E-01	1.8	SRCGP9	R_ATT
553680.00	4181480.00	2.84E-01	1.8	SRCGP9	R_ATT
553680.00	4181340.00	4.94E-01	1.8	SRCGP9	R_ATT
553680.00	4181320.00	5.38E-01	1.8	SRCGP9	R_ATT
553700.00	4181360.00	4.60E-01	1.8	SRCGP9	R_ATT
553700.00	4181380.00	4.21E-01	1.8	SRCGP9	R_ATT
553700.00	4181400.00	3.87E-01	1.8	SRCGP9	R_ATT
553700.00	4181420.00	3.57E-01	1.8	SRCGP9	R_ATT
553700.00	4181440.00	3.29E-01	1.8	SRCGP9	R_ATT
553700.00	4181460.00	3.05E-01	1.8	SRCGP9	R_ATT
553700.00	4181480.00	2.83E-01	1.8	SRCGP9	R_ATT
553700.00	4181500.00	2.63E-01	1.8	SRCGP9	R_ATT
553700.00	4181340.00	5.03E-01	1.8	SRCGP9	R_ATT
553700.00	4181320.00	5.51E-01	1.8	SRCGP9	R_ATT
553720.00	4181360.00	4.64E-01	1.8	SRCGP9	R_ATT
553720.00	4181380.00	4.24E-01	1.8	SRCGP9	R_ATT
553720.00	4181400.00	3.88E-01	1.8	SRCGP9	R_ATT
553720.00	4181420.00	3.56E-01	1.8	SRCGP9	R_ATT
553720.00	4181440.00	3.28E-01	1.8	SRCGP9	R_ATT
553720.00	4181460.00	3.03E-01	1.8	SRCGP9	R_ATT
553720.00	4181480.00	2.80E-01	1.8	SRCGP9	R_ATT
553720.00	4181500.00	2.60E-01	1.8	SRCGP9	R_ATT
553720.00	4181520.00	2.42E-01	1.8	SRCGP9	R_ATT
553720.00	4181340.00	5.10E-01	1.8	SRCGP9	R_ATT
553720.00	4181320.00	5.62E-01	1.8	SRCGP9	R_ATT
553740.00	4181360.00	4.66E-01	1.8	SRCGP9	R_ATT
553740.00	4181380.00	4.23E-01	1.8	SRCGP9	R_ATT
553740.00	4181400.00	3.86E-01	1.8	SRCGP9	R_ATT
553740.00	4181420.00	3.54E-01	1.8	SRCGP9	R_ATT
553740.00	4181440.00	3.25E-01	1.8	SRCGP9	R_ATT
553740.00	4181460.00	3.00E-01	1.8	SRCGP9	R_ATT
553740.00	4181480.00	2.77E-01	1.8	SRCGP9	R_ATT
553740.00	4181500.00	2.57E-01	1.8	SRCGP9	R_ATT
553740.00	4181520.00	2.38E-01	1.8	SRCGP9	R_ATT
553740.00	4181340.00	5.14E-01	1.8	SRCGP9	R_ATT
553740.00	4181320.00	5.69E-01	1.8	SRCGP9	R_ATT
553760.00	4181360.00	4.64E-01	1.8	SRCGP9	R_ATT
553760.00	4181380.00	4.21E-01	1.8	SRCGP9	R_ATT
553760.00	4181400.00	3.83E-01	1.8	SRCGP9	R_ATT

553760.00	4181420.00	3.50E-01	1.8	SRCGP9	R_ATT
553760.00	4181440.00	3.21E-01	1.8	SRCGP9	R_ATT
553760.00	4181460.00	2.95E-01	1.8	SRCGP9	R_ATT
553760.00	4181480.00	2.72E-01	1.8	SRCGP9	R_ATT
553760.00	4181500.00	2.52E-01	1.8	SRCGP9	R_ATT
553760.00	4181520.00	2.34E-01	1.8	SRCGP9	R_ATT
553760.00	4181340.00	5.14E-01	1.8	SRCGP9	R_ATT
553760.00	4181320.00	5.73E-01	1.8	SRCGP9	R_ATT
553780.00	4181360.00	4.60E-01	1.8	SRCGP9	R_ATT
553780.00	4181380.00	4.15E-01	1.8	SRCGP9	R_ATT
553780.00	4181400.00	3.77E-01	1.8	SRCGP9	R_ATT
553780.00	4181420.00	3.44E-01	1.8	SRCGP9	R_ATT
553780.00	4181440.00	3.15E-01	1.8	SRCGP9	R_ATT
553780.00	4181460.00	2.89E-01	1.8	SRCGP9	R_ATT
553780.00	4181480.00	2.66E-01	1.8	SRCGP9	R_ATT
553780.00	4181500.00	2.46E-01	1.8	SRCGP9	R_ATT
553780.00	4181520.00	2.28E-01	1.8	SRCGP9	R_ATT
553780.00	4181340.00	5.11E-01	1.8	SRCGP9	R_ATT
553800.00	4181360.00	4.52E-01	1.8	SRCGP9	R_ATT
553800.00	4181380.00	4.07E-01	1.8	SRCGP9	R_ATT
553800.00	4181400.00	3.69E-01	1.8	SRCGP9	R_ATT
553800.00	4181420.00	3.36E-01	1.8	SRCGP9	R_ATT
553800.00	4181440.00	3.07E-01	1.8	SRCGP9	R_ATT
553800.00	4181460.00	2.82E-01	1.8	SRCGP9	R_ATT
553800.00	4181480.00	2.59E-01	1.8	SRCGP9	R_ATT
553800.00	4181500.00	2.40E-01	1.8	SRCGP9	R_ATT
553800.00	4181520.00	2.22E-01	1.8	SRCGP9	R_ATT
553820.00	4181360.00	4.41E-01	1.8	SRCGP9	R_ATT
553820.00	4181380.00	3.96E-01	1.8	SRCGP9	R_ATT
553820.00	4181400.00	3.59E-01	1.8	SRCGP9	R_ATT
553820.00	4181420.00	3.26E-01	1.8	SRCGP9	R_ATT
553820.00	4181440.00	2.98E-01	1.8	SRCGP9	R_ATT
553820.00	4181460.00	2.73E-01	1.8	SRCGP9	R_ATT
553820.00	4181480.00	2.51E-01	1.8	SRCGP9	R_ATT
553820.00	4181500.00	2.32E-01	1.8	SRCGP9	R_ATT
553820.00	4181520.00	2.15E-01	1.8	SRCGP9	R_ATT
553840.00	4181360.00	4.27E-01	1.8	SRCGP9	R_ATT
553840.00	4181380.00	3.84E-01	1.8	SRCGP9	R_ATT
553840.00	4181400.00	3.47E-01	1.8	SRCGP9	R_ATT
553840.00	4181420.00	3.15E-01	1.8	SRCGP9	R_ATT
553840.00	4181440.00	2.88E-01	1.8	SRCGP9	R_ATT
553840.00	4181460.00	2.64E-01	1.8	SRCGP9	R_ATT
553840.00	4181480.00	2.43E-01	1.8	SRCGP9	R_ATT
553840.00	4181500.00	2.25E-01	1.8	SRCGP9	R_ATT
553840.00	4181520.00	2.08E-01	1.8	SRCGP9	R_ATT
553920.00	4180820.00	8.41E+01	1.8	SRCGP9	R_B4_BH
553940.00	4180820.00	7.37E+01	1.8	SRCGP9	R_B4_BH

553920.00	4180840.00	9.89E+01	1.8	SRCGP9	R_B4_BH
553940.00	4180840.00	8.82E+01	1.8	SRCGP9	R_B4_BH
553900.00	4180860.00	9.34E+01	1.8	SRCGP9	R_B4_BH
553920.00	4180860.00	1.03E+02	1.8	SRCGP9	R_B4_BH
553940.00	4180860.00	9.19E+01	1.8	SRCGP9	R_B4_BH
553900.00	4180880.00	9.58E+01	1.8	SRCGP9	R_B4_BH
553920.00	4180880.00	1.05E+02	1.8	SRCGP9	R_B4_BH
553960.00	4181040.00	4.03E+01	1.8	SRCGP9	R_PIER48
553980.00	4181040.00	2.36E+01	1.8	SRCGP9	R_PIER48
554000.00	4181040.00	1.62E+01	1.8	SRCGP9	R_PIER48
553960.00	4181060.00	3.01E+01	1.8	SRCGP9	R_PIER48
553980.00	4181060.00	1.85E+01	1.8	SRCGP9	R_PIER48
554000.00	4181060.00	1.34E+01	1.8	SRCGP9	R_PIER48
554020.00	4181060.00	1.03E+01	1.8	SRCGP9	R_PIER48
554040.00	4181060.00	8.31E+00	1.8	SRCGP9	R_PIER48
554060.00	4181060.00	6.88E+00	1.8	SRCGP9	R_PIER48
554080.00	4181060.00	5.80E+00	1.8	SRCGP9	R_PIER48
554100.00	4181060.00	4.97E+00	1.8	SRCGP9	R_PIER48
554120.00	4181060.00	4.31E+00	1.8	SRCGP9	R_PIER48
554140.00	4181060.00	3.77E+00	1.8	SRCGP9	R_PIER48
554160.00	4181060.00	3.33E+00	1.8	SRCGP9	R_PIER48
553960.00	4181080.00	2.03E+01	1.8	SRCGP9	R_PIER48
553980.00	4181080.00	1.36E+01	1.8	SRCGP9	R_PIER48
554000.00	4181080.00	1.04E+01	1.8	SRCGP9	R_PIER48
554020.00	4181080.00	8.34E+00	1.8	SRCGP9	R_PIER48
554040.00	4181080.00	6.91E+00	1.8	SRCGP9	R_PIER48
554060.00	4181080.00	5.85E+00	1.8	SRCGP9	R_PIER48
554080.00	4181080.00	5.03E+00	1.8	SRCGP9	R_PIER48
554100.00	4181080.00	4.36E+00	1.8	SRCGP9	R_PIER48
554120.00	4181080.00	3.83E+00	1.8	SRCGP9	R_PIER48
554140.00	4181080.00	3.39E+00	1.8	SRCGP9	R_PIER48
554160.00	4181080.00	3.02E+00	1.8	SRCGP9	R_PIER48
553960.00	4181100.00	1.11E+01	1.8	SRCGP9	R_PIER48
553980.00	4181100.00	9.16E+00	1.8	SRCGP9	R_PIER48
554000.00	4181100.00	7.62E+00	1.8	SRCGP9	R_PIER48
554020.00	4181100.00	6.46E+00	1.8	SRCGP9	R_PIER48
554040.00	4181100.00	5.56E+00	1.8	SRCGP9	R_PIER48
554060.00	4181100.00	4.84E+00	1.8	SRCGP9	R_PIER48
554080.00	4181100.00	4.25E+00	1.8	SRCGP9	R_PIER48
554100.00	4181100.00	3.75E+00	1.8	SRCGP9	R_PIER48
554120.00	4181100.00	3.34E+00	1.8	SRCGP9	R_PIER48
554140.00	4181100.00	3.00E+00	1.8	SRCGP9	R_PIER48
554160.00	4181100.00	2.70E+00	1.8	SRCGP9	R_PIER48
553960.00	4181120.00	6.31E+00	1.8	SRCGP9	R_PIER48
553980.00	4181120.00	5.96E+00	1.8	SRCGP9	R_PIER48
554000.00	4181120.00	5.42E+00	1.8	SRCGP9	R_PIER48
554020.00	4181120.00	4.87E+00	1.8	SRCGP9	R_PIER48

554040.00	4181120.00	4.37E+00	1.8	SRCGP9	R_PIER48
554060.00	4181120.00	3.92E+00	1.8	SRCGP9	R_PIER48
554080.00	4181120.00	3.52E+00	1.8	SRCGP9	R_PIER48
554100.00	4181120.00	3.18E+00	1.8	SRCGP9	R_PIER48
554120.00	4181120.00	2.88E+00	1.8	SRCGP9	R_PIER48
554140.00	4181120.00	2.61E+00	1.8	SRCGP9	R_PIER48
553940.00	4181140.00	3.77E+00	1.8	SRCGP9	R_PIER48
553960.00	4181140.00	3.94E+00	1.8	SRCGP9	R_PIER48
553980.00	4181140.00	3.96E+00	1.8	SRCGP9	R_PIER48
554000.00	4181140.00	3.84E+00	1.8	SRCGP9	R_PIER48
554020.00	4181140.00	3.63E+00	1.8	SRCGP9	R_PIER48
554040.00	4181140.00	3.39E+00	1.8	SRCGP9	R_PIER48
554060.00	4181140.00	3.13E+00	1.8	SRCGP9	R_PIER48
554080.00	4181140.00	2.89E+00	1.8	SRCGP9	R_PIER48
554100.00	4181140.00	2.66E+00	1.8	SRCGP9	R_PIER48
554120.00	4181140.00	2.45E+00	1.8	SRCGP9	R_PIER48
554140.00	4181140.00	2.26E+00	1.8	SRCGP9	R_PIER48
554040.00	4181160.00	2.62E+00	1.8	SRCGP9	R_PIER48
554060.00	4181160.00	2.49E+00	1.8	SRCGP9	R_PIER48
554080.00	4181160.00	2.35E+00	1.8	SRCGP9	R_PIER48
554100.00	4181160.00	2.21E+00	1.8	SRCGP9	R_PIER48
554120.00	4181160.00	2.07E+00	1.8	SRCGP9	R_PIER48
554140.00	4181160.00	1.94E+00	1.8	SRCGP9	R_PIER48
553980.00	4180780.00	5.57E+00	1.8	SRCGP9	R_PIER50
553980.00	4180800.00	9.63E+00	1.8	SRCGP9	R_PIER50
553980.00	4180820.00	1.54E+01	1.8	SRCGP9	R_PIER50
553980.00	4180840.00	2.02E+01	1.8	SRCGP9	R_PIER50
553980.00	4180860.00	2.30E+01	1.8	SRCGP9	R_PIER50
553980.00	4180880.00	2.46E+01	1.8	SRCGP9	R_PIER50
553980.00	4180900.00	2.54E+01	1.8	SRCGP9	R_PIER50
553980.00	4180920.00	2.61E+01	1.8	SRCGP9	R_PIER50
553980.00	4180940.00	2.76E+01	1.8	SRCGP9	R_PIER50
553980.00	4180960.00	3.01E+01	1.8	SRCGP9	R_PIER50
554000.00	4180720.00	1.59E+00	1.8	SRCGP9	R_PIER50
554000.00	4180740.00	2.17E+00	1.8	SRCGP9	R_PIER50
554000.00	4180760.00	3.18E+00	1.8	SRCGP9	R_PIER50
554000.00	4180780.00	4.85E+00	1.8	SRCGP9	R_PIER50
554000.00	4180800.00	7.35E+00	1.8	SRCGP9	R_PIER50
554000.00	4180820.00	1.04E+01	1.8	SRCGP9	R_PIER50
554000.00	4180840.00	1.31E+01	1.8	SRCGP9	R_PIER50
554000.00	4180860.00	1.52E+01	1.8	SRCGP9	R_PIER50
554000.00	4180880.00	1.66E+01	1.8	SRCGP9	R_PIER50
554000.00	4180900.00	1.75E+01	1.8	SRCGP9	R_PIER50
554000.00	4180920.00	1.83E+01	1.8	SRCGP9	R_PIER50
554000.00	4180940.00	1.92E+01	1.8	SRCGP9	R_PIER50
554000.00	4180960.00	2.00E+01	1.8	SRCGP9	R_PIER50
554020.00	4180840.00	9.60E+00	1.8	SRCGP9	R_PIER50

554020.00	4180860.00	1.11E+01	1.8	SRCGP9	R_PIER50
554020.00	4180880.00	1.22E+01	1.8	SRCGP9	R_PIER50
554020.00	4180900.00	1.31E+01	1.8	SRCGP9	R_PIER50
554020.00	4180920.00	1.38E+01	1.8	SRCGP9	R_PIER50
554020.00	4180940.00	1.44E+01	1.8	SRCGP9	R_PIER50
554020.00	4180960.00	1.48E+01	1.8	SRCGP9	R_PIER50
554040.00	4180840.00	7.49E+00	1.8	SRCGP9	R_PIER50
554040.00	4180860.00	8.62E+00	1.8	SRCGP9	R_PIER50
554040.00	4180880.00	9.53E+00	1.8	SRCGP9	R_PIER50
554040.00	4180900.00	1.03E+01	1.8	SRCGP9	R_PIER50
554040.00	4180920.00	1.08E+01	1.8	SRCGP9	R_PIER50
554040.00	4180940.00	1.13E+01	1.8	SRCGP9	R_PIER50
554040.00	4180960.00	1.16E+01	1.8	SRCGP9	R_PIER50
554060.00	4180840.00	6.08E+00	1.8	SRCGP9	R_PIER50
554060.00	4180860.00	6.96E+00	1.8	SRCGP9	R_PIER50
554060.00	4180880.00	7.70E+00	1.8	SRCGP9	R_PIER50
554060.00	4180900.00	8.31E+00	1.8	SRCGP9	R_PIER50
554060.00	4180920.00	8.80E+00	1.8	SRCGP9	R_PIER50
554060.00	4180940.00	9.15E+00	1.8	SRCGP9	R_PIER50
554060.00	4180960.00	9.35E+00	1.8	SRCGP9	R_PIER50
554080.00	4180840.00	5.09E+00	1.8	SRCGP9	R_PIER50
554080.00	4180860.00	5.78E+00	1.8	SRCGP9	R_PIER50
554080.00	4180880.00	6.39E+00	1.8	SRCGP9	R_PIER50
554080.00	4180900.00	6.89E+00	1.8	SRCGP9	R_PIER50
554080.00	4180920.00	7.29E+00	1.8	SRCGP9	R_PIER50
554080.00	4180940.00	7.58E+00	1.8	SRCGP9	R_PIER50
554080.00	4180960.00	7.73E+00	1.8	SRCGP9	R_PIER50
554100.00	4180840.00	4.33E+00	1.8	SRCGP9	R_PIER50
554100.00	4180860.00	4.90E+00	1.8	SRCGP9	R_PIER50
554100.00	4180880.00	5.39E+00	1.8	SRCGP9	R_PIER50
554100.00	4180900.00	5.81E+00	1.8	SRCGP9	R_PIER50
554100.00	4180920.00	6.14E+00	1.8	SRCGP9	R_PIER50
554100.00	4180940.00	6.38E+00	1.8	SRCGP9	R_PIER50
554100.00	4180960.00	6.49E+00	1.8	SRCGP9	R_PIER50
554120.00	4180840.00	3.75E+00	1.8	SRCGP9	R_PIER50
554120.00	4180860.00	4.21E+00	1.8	SRCGP9	R_PIER50
554120.00	4180880.00	4.62E+00	1.8	SRCGP9	R_PIER50
554120.00	4180900.00	4.97E+00	1.8	SRCGP9	R_PIER50
554120.00	4180920.00	5.25E+00	1.8	SRCGP9	R_PIER50
554120.00	4180940.00	5.44E+00	1.8	SRCGP9	R_PIER50
554120.00	4180960.00	5.53E+00	1.8	SRCGP9	R_PIER50
554140.00	4180840.00	3.30E+00	1.8	SRCGP9	R_PIER50
554140.00	4180860.00	3.68E+00	1.8	SRCGP9	R_PIER50
554140.00	4180880.00	4.02E+00	1.8	SRCGP9	R_PIER50
554140.00	4180900.00	4.31E+00	1.8	SRCGP9	R_PIER50
554140.00	4180920.00	4.54E+00	1.8	SRCGP9	R_PIER50
554140.00	4180940.00	4.69E+00	1.8	SRCGP9	R_PIER50

554140.00	4180960.00	4.76E+00	1.8	SRCGP9	R_PIER50
554160.00	4180840.00	2.93E+00	1.8	SRCGP9	R_PIER50
554160.00	4180860.00	3.25E+00	1.8	SRCGP9	R_PIER50
554160.00	4180880.00	3.54E+00	1.8	SRCGP9	R_PIER50
554160.00	4180900.00	3.78E+00	1.8	SRCGP9	R_PIER50
554160.00	4180920.00	3.97E+00	1.8	SRCGP9	R_PIER50
554160.00	4180940.00	4.10E+00	1.8	SRCGP9	R_PIER50
554160.00	4180960.00	4.15E+00	1.8	SRCGP9	R_PIER50
554180.00	4180840.00	2.62E+00	1.8	SRCGP9	R_PIER50
554180.00	4180860.00	2.90E+00	1.8	SRCGP9	R_PIER50
554180.00	4180880.00	3.14E+00	1.8	SRCGP9	R_PIER50
554180.00	4180900.00	3.34E+00	1.8	SRCGP9	R_PIER50
554180.00	4180920.00	3.50E+00	1.8	SRCGP9	R_PIER50
554180.00	4180940.00	3.60E+00	1.8	SRCGP9	R_PIER50
554180.00	4180960.00	3.65E+00	1.8	SRCGP9	R_PIER50
554200.00	4180840.00	2.37E+00	1.8	SRCGP9	R_PIER50
554200.00	4180860.00	2.60E+00	1.8	SRCGP9	R_PIER50
554200.00	4180880.00	2.81E+00	1.8	SRCGP9	R_PIER50
554200.00	4180900.00	2.98E+00	1.8	SRCGP9	R_PIER50
554200.00	4180920.00	3.11E+00	1.8	SRCGP9	R_PIER50
554200.00	4180940.00	3.20E+00	1.8	SRCGP9	R_PIER50
554200.00	4180960.00	3.23E+00	1.8	SRCGP9	R_PIER50
554220.00	4180840.00	2.15E+00	1.8	SRCGP9	R_PIER50
554220.00	4180860.00	2.35E+00	1.8	SRCGP9	R_PIER50
554220.00	4180880.00	2.53E+00	1.8	SRCGP9	R_PIER50
554220.00	4180900.00	2.67E+00	1.8	SRCGP9	R_PIER50
554220.00	4180920.00	2.78E+00	1.8	SRCGP9	R_PIER50
554220.00	4180940.00	2.85E+00	1.8	SRCGP9	R_PIER50
554220.00	4180960.00	2.88E+00	1.8	SRCGP9	R_PIER50
554240.00	4180820.00	1.78E+00	1.8	SRCGP9	R_PIER50
554240.00	4180840.00	1.96E+00	1.8	SRCGP9	R_PIER50
554240.00	4180860.00	2.14E+00	1.8	SRCGP9	R_PIER50
554240.00	4180880.00	2.29E+00	1.8	SRCGP9	R_PIER50
554240.00	4180900.00	2.41E+00	1.8	SRCGP9	R_PIER50
554240.00	4180920.00	2.51E+00	1.8	SRCGP9	R_PIER50
554240.00	4180940.00	2.56E+00	1.8	SRCGP9	R_PIER50
554240.00	4180960.00	2.58E+00	1.8	SRCGP9	R_PIER50
554260.00	4180820.00	1.64E+00	1.8	SRCGP9	R_PIER50
554260.00	4180840.00	1.80E+00	1.8	SRCGP9	R_PIER50
554260.00	4180860.00	1.95E+00	1.8	SRCGP9	R_PIER50
554260.00	4180880.00	2.08E+00	1.8	SRCGP9	R_PIER50
554260.00	4180900.00	2.19E+00	1.8	SRCGP9	R_PIER50
554260.00	4180920.00	2.27E+00	1.8	SRCGP9	R_PIER50
554260.00	4180940.00	2.31E+00	1.8	SRCGP9	R_PIER50
554260.00	4180960.00	2.33E+00	1.8	SRCGP9	R_PIER50
554280.00	4180800.00	1.38E+00	1.8	SRCGP9	R_PIER50
554280.00	4180820.00	1.52E+00	1.8	SRCGP9	R_PIER50

554280.00	4180840.00	1.66E+00	1.8	SRCGP9	R_PIER50
554280.00	4180860.00	1.79E+00	1.8	SRCGP9	R_PIER50
554280.00	4180880.00	1.90E+00	1.8	SRCGP9	R_PIER50
554280.00	4180900.00	1.99E+00	1.8	SRCGP9	R_PIER50
554280.00	4180920.00	2.06E+00	1.8	SRCGP9	R_PIER50
554280.00	4180940.00	2.10E+00	1.8	SRCGP9	R_PIER50
554280.00	4180960.00	2.11E+00	1.8	SRCGP9	R_PIER50
554300.00	4180780.00	1.16E+00	1.8	SRCGP9	R_PIER50
554300.00	4180800.00	1.28E+00	1.8	SRCGP9	R_PIER50
554300.00	4180820.00	1.41E+00	1.8	SRCGP9	R_PIER50
554300.00	4180840.00	1.53E+00	1.8	SRCGP9	R_PIER50
554300.00	4180860.00	1.65E+00	1.8	SRCGP9	R_PIER50
554300.00	4180880.00	1.74E+00	1.8	SRCGP9	R_PIER50
554300.00	4180900.00	1.82E+00	1.8	SRCGP9	R_PIER50
554300.00	4180920.00	1.88E+00	1.8	SRCGP9	R_PIER50
554300.00	4180940.00	1.91E+00	1.8	SRCGP9	R_PIER50
554300.00	4180960.00	1.92E+00	1.8	SRCGP9	R_PIER50
554320.00	4180780.00	1.09E+00	1.8	SRCGP9	R_PIER50
554320.00	4180800.00	1.20E+00	1.8	SRCGP9	R_PIER50
554320.00	4180820.00	1.31E+00	1.8	SRCGP9	R_PIER50
554320.00	4180840.00	1.42E+00	1.8	SRCGP9	R_PIER50
554320.00	4180860.00	1.52E+00	1.8	SRCGP9	R_PIER50
554320.00	4180880.00	1.60E+00	1.8	SRCGP9	R_PIER50
554320.00	4180900.00	1.67E+00	1.8	SRCGP9	R_PIER50
554320.00	4180920.00	1.72E+00	1.8	SRCGP9	R_PIER50
554320.00	4180940.00	1.75E+00	1.8	SRCGP9	R_PIER50
554320.00	4180960.00	1.76E+00	1.8	SRCGP9	R_PIER50
554340.00	4180760.00	9.24E-01	1.8	SRCGP9	R_PIER50
554340.00	4180780.00	1.03E+00	1.8	SRCGP9	R_PIER50
554340.00	4180800.00	1.13E+00	1.8	SRCGP9	R_PIER50
554340.00	4180820.00	1.23E+00	1.8	SRCGP9	R_PIER50
554340.00	4180840.00	1.32E+00	1.8	SRCGP9	R_PIER50
554340.00	4180860.00	1.41E+00	1.8	SRCGP9	R_PIER50
554340.00	4180880.00	1.48E+00	1.8	SRCGP9	R_PIER50
554340.00	4180900.00	1.54E+00	1.8	SRCGP9	R_PIER50
554340.00	4180920.00	1.58E+00	1.8	SRCGP9	R_PIER50
554340.00	4180940.00	1.61E+00	1.8	SRCGP9	R_PIER50
554340.00	4180960.00	1.61E+00	1.8	SRCGP9	R_PIER50
554360.00	4180760.00	8.78E-01	1.8	SRCGP9	R_PIER50
554360.00	4180780.00	9.69E-01	1.8	SRCGP9	R_PIER50
554360.00	4180800.00	1.06E+00	1.8	SRCGP9	R_PIER50
554360.00	4180820.00	1.15E+00	1.8	SRCGP9	R_PIER50
554360.00	4180840.00	1.23E+00	1.8	SRCGP9	R_PIER50
554360.00	4180860.00	1.31E+00	1.8	SRCGP9	R_PIER50
554360.00	4180880.00	1.37E+00	1.8	SRCGP9	R_PIER50
554360.00	4180900.00	1.42E+00	1.8	SRCGP9	R_PIER50
554360.00	4180920.00	1.46E+00	1.8	SRCGP9	R_PIER50



554360.00	4180940.00	1.48E+00	1.8	SRCGP9	R_PIER50
554360.00	4180960.00	1.49E+00	1.8	SRCGP9	R_PIER50
554380.00	4180740.00	7.53E-01	1.8	SRCGP9	R_PIER50
554380.00	4180760.00	8.34E-01	1.8	SRCGP9	R_PIER50
554380.00	4180780.00	9.17E-01	1.8	SRCGP9	R_PIER50
554380.00	4180800.00	9.98E-01	1.8	SRCGP9	R_PIER50
554380.00	4180820.00	1.08E+00	1.8	SRCGP9	R_PIER50
554380.00	4180840.00	1.15E+00	1.8	SRCGP9	R_PIER50
554380.00	4180860.00	1.22E+00	1.8	SRCGP9	R_PIER50
554380.00	4180880.00	1.27E+00	1.8	SRCGP9	R_PIER50
554380.00	4180900.00	1.32E+00	1.8	SRCGP9	R_PIER50
554380.00	4180920.00	1.35E+00	1.8	SRCGP9	R_PIER50
554380.00	4180940.00	1.37E+00	1.8	SRCGP9	R_PIER50
554380.00	4180960.00	1.37E+00	1.8	SRCGP9	R_PIER50
554400.00	4180740.00	7.21E-01	1.8	SRCGP9	R_PIER50
554400.00	4180760.00	7.94E-01	1.8	SRCGP9	R_PIER50
554400.00	4180780.00	8.69E-01	1.8	SRCGP9	R_PIER50
554400.00	4180800.00	9.42E-01	1.8	SRCGP9	R_PIER50
554400.00	4180820.00	1.01E+00	1.8	SRCGP9	R_PIER50
554400.00	4180840.00	1.08E+00	1.8	SRCGP9	R_PIER50
554400.00	4180860.00	1.13E+00	1.8	SRCGP9	R_PIER50
554400.00	4180880.00	1.18E+00	1.8	SRCGP9	R_PIER50
554400.00	4180900.00	1.22E+00	1.8	SRCGP9	R_PIER50
554400.00	4180920.00	1.25E+00	1.8	SRCGP9	R_PIER50
554400.00	4180940.00	1.27E+00	1.8	SRCGP9	R_PIER50
554400.00	4180960.00	1.27E+00	1.8	SRCGP9	R_PIER50
554420.00	4180720.00	6.25E-01	1.8	SRCGP9	R_PIER50
554420.00	4180740.00	6.90E-01	1.8	SRCGP9	R_PIER50
554420.00	4180760.00	7.57E-01	1.8	SRCGP9	R_PIER50
554420.00	4180780.00	8.24E-01	1.8	SRCGP9	R_PIER50
554420.00	4180800.00	8.89E-01	1.8	SRCGP9	R_PIER50
554420.00	4180820.00	9.52E-01	1.8	SRCGP9	R_PIER50
554420.00	4180840.00	1.01E+00	1.8	SRCGP9	R_PIER50
554420.00	4180860.00	1.06E+00	1.8	SRCGP9	R_PIER50
554420.00	4180880.00	1.10E+00	1.8	SRCGP9	R_PIER50
554420.00	4180900.00	1.14E+00	1.8	SRCGP9	R_PIER50
554420.00	4180920.00	1.16E+00	1.8	SRCGP9	R_PIER50
554420.00	4180940.00	1.18E+00	1.8	SRCGP9	R_PIER50
554420.00	4180960.00	1.18E+00	1.8	SRCGP9	R_PIER50
554440.00	4180720.00	6.01E-01	1.8	SRCGP9	R_PIER50
554440.00	4180740.00	6.61E-01	1.8	SRCGP9	R_PIER50
554440.00	4180760.00	7.22E-01	1.8	SRCGP9	R_PIER50
554440.00	4180780.00	7.82E-01	1.8	SRCGP9	R_PIER50
554440.00	4180800.00	8.41E-01	1.8	SRCGP9	R_PIER50
554440.00	4180820.00	8.97E-01	1.8	SRCGP9	R_PIER50
554440.00	4180840.00	9.48E-01	1.8	SRCGP9	R_PIER50
554440.00	4180860.00	9.94E-01	1.8	SRCGP9	R_PIER50

554440.00	4180880.00	1.03E+00	1.8	SRCGP9	R_PIER50
554440.00	4180900.00	1.06E+00	1.8	SRCGP9	R_PIER50
554440.00	4180920.00	1.08E+00	1.8	SRCGP9	R_PIER50
554440.00	4180940.00	1.10E+00	1.8	SRCGP9	R_PIER50
554440.00	4180960.00	1.10E+00	1.8	SRCGP9	R_PIER50
553680.00	4180480.00	4.83E-01	1.8	SRCGP9	Sensitive
553360.00	4181000.00	4.20E-01	1.8	SRCGP9	Sensitive
553160.00	4180800.00	3.24E-01	1.8	SRCGP9	Sensitive
552940.00	4180980.00	1.60E-01	1.8	SRCGP9	Sensitive
553440.00	4180240.00	2.02E-01	1.8	SRCGP9	Sensitive
553920.00	4180800.00	2.10E+01	1.8	SRCGP9	Sensitive
553400.00	4180440.00	3.44E-01	1.8	SRCGP9	Sensitive
553920.00	4180000.00	9.28E-02	1.8	SRCGP9	Sensitive
553560.00	4180360.00	2.95E-01	1.8	SRCGP9	Sensitive
553360.00	4180340.00	2.51E-01	1.8	SRCGP9	Sensitive
553160.00	4181180.00	1.93E-01	1.8	SRCGP9	Sensitive

**Annual Average Concentraion at Each Receptor Location: Mission Rock Construction Scenario - Source Grou**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	2.57E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180540.00	2.71E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180560.00	2.87E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180580.00	3.05E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180600.00	3.23E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180620.00	3.43E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180640.00	3.64E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180660.00	3.87E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180720.00	4.57E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180740.00	4.80E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180760.00	5.01E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180780.00	5.19E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180800.00	5.34E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180840.00	5.52E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180860.00	5.54E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180880.00	5.52E-01	1.8	SRCGP10	OFF_SITE
553440.00	4180900.00	5.46E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181020.00	4.67E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181040.00	4.51E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181060.00	4.34E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181080.00	4.16E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181160.00	3.51E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181180.00	3.38E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181200.00	3.26E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181220.00	3.17E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181240.00	3.09E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181260.00	3.01E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181300.00	2.88E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181320.00	2.82E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181340.00	2.75E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181360.00	2.68E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181380.00	2.62E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181400.00	2.55E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181420.00	2.49E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181440.00	2.42E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181460.00	2.37E-01	1.8	SRCGP10	OFF_SITE
553440.00	4181480.00	2.31E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180520.00	2.59E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180540.00	2.73E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180560.00	2.90E-01	1.8	SRCGP10	OFF_SITE

553460.00	4180580.00	3.07E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180600.00	3.27E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180620.00	3.47E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180640.00	3.69E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180660.00	3.93E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180700.00	4.43E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180740.00	4.95E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180760.00	5.19E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180780.00	5.41E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180800.00	5.59E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180820.00	5.74E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180860.00	5.88E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180880.00	5.88E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180900.00	5.83E-01	1.8	SRCGP10	OFF_SITE
553460.00	4180920.00	5.75E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181040.00	4.83E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181060.00	4.64E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181120.00	4.07E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181140.00	3.89E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181180.00	3.59E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181200.00	3.47E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181220.00	3.36E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181240.00	3.27E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181260.00	3.19E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181280.00	3.12E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181320.00	2.97E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181340.00	2.90E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181360.00	2.83E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181380.00	2.75E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181400.00	2.68E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181420.00	2.61E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181440.00	2.54E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181460.00	2.48E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181500.00	2.37E-01	1.8	SRCGP10	OFF_SITE
553460.00	4181520.00	2.31E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180520.00	2.60E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180540.00	2.76E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180560.00	2.92E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180580.00	3.10E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180600.00	3.30E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180620.00	3.51E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180640.00	3.74E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180660.00	3.99E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180700.00	4.53E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180720.00	4.81E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180760.00	5.37E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180780.00	5.63E-01	1.8	SRCGP10	OFF_SITE

553480.00	4180800.00	5.85E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180820.00	6.04E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180840.00	6.17E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180880.00	6.28E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180900.00	6.25E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180920.00	6.17E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180940.00	6.06E-01	1.8	SRCGP10	OFF_SITE
553480.00	4180960.00	5.92E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181040.00	5.19E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181080.00	4.77E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181100.00	4.56E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181120.00	4.35E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181140.00	4.16E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181160.00	3.98E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181200.00	3.70E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181220.00	3.58E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181240.00	3.48E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181260.00	3.39E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181280.00	3.31E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181300.00	3.23E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181340.00	3.06E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181360.00	2.98E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181380.00	2.90E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181400.00	2.82E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181420.00	2.74E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181440.00	2.67E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181480.00	2.54E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181500.00	2.48E-01	1.8	SRCGP10	OFF_SITE
553480.00	4181520.00	2.42E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180520.00	2.62E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180540.00	2.78E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180560.00	2.95E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180580.00	3.13E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180600.00	3.33E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180620.00	3.55E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180640.00	3.79E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180660.00	4.05E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180700.00	4.62E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180720.00	4.92E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180740.00	5.24E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180780.00	5.84E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180800.00	6.12E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180820.00	6.35E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180840.00	6.53E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180860.00	6.65E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180900.00	6.70E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180920.00	6.64E-01	1.8	SRCGP10	OFF_SITE

553500.00	4180940.00	6.53E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180960.00	6.39E-01	1.8	SRCGP10	OFF_SITE
553500.00	4180980.00	6.21E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181000.00	6.02E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181060.00	5.36E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181080.00	5.13E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181100.00	4.90E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181120.00	4.67E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181140.00	4.46E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181160.00	4.26E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181180.00	4.09E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181220.00	3.82E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181240.00	3.71E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181260.00	3.61E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181280.00	3.52E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181300.00	3.43E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181320.00	3.33E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181360.00	3.15E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181380.00	3.06E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181400.00	2.97E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181420.00	2.89E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181460.00	2.73E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181480.00	2.66E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181500.00	2.60E-01	1.8	SRCGP10	OFF_SITE
553500.00	4181520.00	2.53E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180520.00	2.64E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180540.00	2.80E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180560.00	2.97E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180580.00	3.16E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180600.00	3.36E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180620.00	3.59E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180640.00	3.83E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180660.00	4.10E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180700.00	4.70E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180720.00	5.03E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180740.00	5.37E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180760.00	5.72E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180800.00	6.38E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180820.00	6.67E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180840.00	6.90E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180860.00	7.07E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180880.00	7.17E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180920.00	7.16E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180940.00	7.06E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180960.00	6.92E-01	1.8	SRCGP10	OFF_SITE
553520.00	4180980.00	6.73E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181000.00	6.52E-01	1.8	SRCGP10	OFF_SITE

553520.00	4181080.00	5.54E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181100.00	5.28E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181120.00	5.03E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181140.00	4.79E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181160.00	4.58E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181180.00	4.39E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181200.00	4.23E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181240.00	3.97E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181260.00	3.86E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181280.00	3.75E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181300.00	3.64E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181320.00	3.54E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181340.00	3.43E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181380.00	3.23E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181400.00	3.13E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181440.00	2.96E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181460.00	2.87E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181480.00	2.80E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181500.00	2.72E-01	1.8	SRCGP10	OFF_SITE
553520.00	4181520.00	2.65E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180520.00	2.67E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180540.00	2.82E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180560.00	3.00E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180580.00	3.19E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180600.00	3.40E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180620.00	3.63E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180640.00	3.88E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180660.00	4.16E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180700.00	4.79E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180720.00	5.14E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180740.00	5.51E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180760.00	5.89E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180780.00	6.28E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180820.00	6.99E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180840.00	7.29E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180860.00	7.52E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180880.00	7.67E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180900.00	7.74E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180940.00	7.65E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180960.00	7.51E-01	1.8	SRCGP10	OFF_SITE
553540.00	4180980.00	7.32E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181100.00	5.71E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181120.00	5.43E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181140.00	5.17E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181160.00	4.93E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181180.00	4.72E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181200.00	4.55E-01	1.8	SRCGP10	OFF_SITE

553540.00	4181220.00	4.39E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181260.00	4.13E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181280.00	4.00E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181300.00	3.88E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181320.00	3.76E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181340.00	3.64E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181360.00	3.53E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181420.00	3.21E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181440.00	3.11E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181460.00	3.02E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181480.00	2.94E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181500.00	2.85E-01	1.8	SRCGP10	OFF_SITE
553540.00	4181520.00	2.77E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180520.00	2.69E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180540.00	2.85E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180560.00	3.03E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180580.00	3.22E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180600.00	3.43E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180620.00	3.67E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180640.00	3.92E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180660.00	4.21E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180700.00	4.87E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180720.00	5.24E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180740.00	5.64E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180760.00	6.06E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180780.00	6.49E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180800.00	6.92E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180840.00	7.69E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180860.00	7.99E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180880.00	8.21E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180900.00	8.34E-01	1.8	SRCGP10	OFF_SITE
553560.00	4180920.00	8.37E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181000.00	7.75E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181020.00	7.48E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181120.00	5.89E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181140.00	5.60E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181160.00	5.33E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181180.00	5.10E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181200.00	4.90E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181220.00	4.73E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181240.00	4.57E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181280.00	4.29E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181300.00	4.15E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181320.00	4.01E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181340.00	3.87E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181420.00	3.39E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181440.00	3.28E-01	1.8	SRCGP10	OFF_SITE



553560.00	4181460.00	3.18E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181480.00	3.08E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181500.00	2.99E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181520.00	2.89E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180520.00	2.72E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180540.00	2.88E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180560.00	3.06E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180580.00	3.25E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180600.00	3.47E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180620.00	3.71E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180640.00	3.97E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180660.00	4.27E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180700.00	4.95E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180720.00	5.34E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180740.00	5.77E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180760.00	6.23E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180780.00	6.70E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180800.00	7.19E-01	1.8	SRCGP10	OFF_SITE
553580.00	4180820.00	7.66E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181000.00	8.51E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181020.00	8.21E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181040.00	7.87E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181140.00	6.09E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181160.00	5.79E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181180.00	5.53E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181200.00	5.30E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181220.00	5.10E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181240.00	4.93E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181260.00	4.76E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181300.00	4.44E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181320.00	4.28E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181440.00	3.46E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181460.00	3.35E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181480.00	3.24E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181500.00	3.12E-01	1.8	SRCGP10	OFF_SITE
553580.00	4181520.00	3.01E-01	1.8	SRCGP10	OFF_SITE
553600.00	4180800.00	7.45E-01	1.8	SRCGP10	OFF_SITE
553600.00	4180820.00	8.00E-01	1.8	SRCGP10	OFF_SITE
553600.00	4180840.00	8.52E-01	1.8	SRCGP10	OFF_SITE
553600.00	4180860.00	9.00E-01	1.8	SRCGP10	OFF_SITE
553600.00	4180900.00	9.69E-01	1.8	SRCGP10	OFF_SITE
553600.00	4180920.00	9.86E-01	1.8	SRCGP10	OFF_SITE
553600.00	4180940.00	9.90E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181000.00	9.38E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181020.00	9.05E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181040.00	8.68E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181060.00	8.27E-01	1.8	SRCGP10	OFF_SITE

553600.00	4181160.00	6.31E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181180.00	6.01E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181200.00	5.76E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181220.00	5.53E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181240.00	5.33E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181260.00	5.13E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181280.00	4.94E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181460.00	3.52E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181480.00	3.39E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181500.00	3.27E-01	1.8	SRCGP10	OFF_SITE
553600.00	4181520.00	3.14E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180520.00	2.78E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180540.00	2.94E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180560.00	3.12E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180600.00	3.55E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180620.00	3.79E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180640.00	4.07E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180660.00	4.38E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180700.00	5.11E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180720.00	5.54E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180740.00	6.02E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180760.00	6.54E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180780.00	7.11E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180800.00	7.71E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180820.00	8.33E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180840.00	8.95E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180860.00	9.53E-01	1.8	SRCGP10	OFF_SITE
553620.00	4180900.00	1.04E+00	1.8	SRCGP10	OFF_SITE
553620.00	4180920.00	1.07E+00	1.8	SRCGP10	OFF_SITE
553620.00	4180940.00	1.08E+00	1.8	SRCGP10	OFF_SITE
553620.00	4181000.00	1.04E+00	1.8	SRCGP10	OFF_SITE
553620.00	4181020.00	1.00E+00	1.8	SRCGP10	OFF_SITE
553620.00	4181040.00	9.62E-01	1.8	SRCGP10	OFF_SITE
553620.00	4181060.00	9.16E-01	1.8	SRCGP10	OFF_SITE
553620.00	4181080.00	8.68E-01	1.8	SRCGP10	OFF_SITE
553620.00	4181180.00	6.57E-01	1.8	SRCGP10	OFF_SITE
553620.00	4181200.00	6.28E-01	1.8	SRCGP10	OFF_SITE
553620.00	4181220.00	6.02E-01	1.8	SRCGP10	OFF_SITE
553620.00	4181240.00	5.78E-01	1.8	SRCGP10	OFF_SITE
553620.00	4181260.00	5.55E-01	1.8	SRCGP10	OFF_SITE
553620.00	4181280.00	5.33E-01	1.8	SRCGP10	OFF_SITE
553620.00	4181480.00	3.56E-01	1.8	SRCGP10	OFF_SITE
553620.00	4181500.00	3.41E-01	1.8	SRCGP10	OFF_SITE
553620.00	4181520.00	3.27E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180520.00	2.81E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180540.00	2.98E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180560.00	3.16E-01	1.8	SRCGP10	OFF_SITE

553640.00	4180600.00	3.59E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180620.00	3.84E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180640.00	4.12E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180660.00	4.44E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180700.00	5.19E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180720.00	5.64E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180740.00	6.14E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180760.00	6.69E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180780.00	7.30E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180800.00	7.96E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180820.00	8.66E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180840.00	9.38E-01	1.8	SRCGP10	OFF_SITE
553640.00	4180860.00	1.01E+00	1.8	SRCGP10	OFF_SITE
553640.00	4180900.00	1.13E+00	1.8	SRCGP10	OFF_SITE
553640.00	4180920.00	1.17E+00	1.8	SRCGP10	OFF_SITE
553640.00	4180940.00	1.19E+00	1.8	SRCGP10	OFF_SITE
553640.00	4181000.00	1.16E+00	1.8	SRCGP10	OFF_SITE
553640.00	4181020.00	1.12E+00	1.8	SRCGP10	OFF_SITE
553640.00	4181040.00	1.07E+00	1.8	SRCGP10	OFF_SITE
553640.00	4181060.00	1.02E+00	1.8	SRCGP10	OFF_SITE
553640.00	4181080.00	9.66E-01	1.8	SRCGP10	OFF_SITE
553640.00	4181100.00	9.10E-01	1.8	SRCGP10	OFF_SITE
553640.00	4181200.00	6.87E-01	1.8	SRCGP10	OFF_SITE
553640.00	4181220.00	6.57E-01	1.8	SRCGP10	OFF_SITE
553640.00	4181240.00	6.29E-01	1.8	SRCGP10	OFF_SITE
553640.00	4181260.00	6.02E-01	1.8	SRCGP10	OFF_SITE
553640.00	4181500.00	3.55E-01	1.8	SRCGP10	OFF_SITE
553640.00	4181520.00	3.39E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180520.00	2.84E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180540.00	3.01E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180560.00	3.20E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180600.00	3.64E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180620.00	3.89E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180640.00	4.18E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180660.00	4.50E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180700.00	5.27E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180720.00	5.73E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180740.00	6.25E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180760.00	6.84E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180780.00	7.49E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180800.00	8.21E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180820.00	8.99E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180840.00	9.81E-01	1.8	SRCGP10	OFF_SITE
553660.00	4180860.00	1.06E+00	1.8	SRCGP10	OFF_SITE
553660.00	4180900.00	1.21E+00	1.8	SRCGP10	OFF_SITE
553660.00	4180920.00	1.27E+00	1.8	SRCGP10	OFF_SITE
553660.00	4180940.00	1.31E+00	1.8	SRCGP10	OFF_SITE

553660.00	4181000.00	1.30E+00	1.8	SRCGP10	OFF_SITE
553660.00	4181020.00	1.26E+00	1.8	SRCGP10	OFF_SITE
553660.00	4181040.00	1.21E+00	1.8	SRCGP10	OFF_SITE
553660.00	4181060.00	1.15E+00	1.8	SRCGP10	OFF_SITE
553660.00	4181080.00	1.08E+00	1.8	SRCGP10	OFF_SITE
553660.00	4181100.00	1.02E+00	1.8	SRCGP10	OFF_SITE
553660.00	4181120.00	9.54E-01	1.8	SRCGP10	OFF_SITE
553660.00	4181220.00	7.20E-01	1.8	SRCGP10	OFF_SITE
553660.00	4181240.00	6.86E-01	1.8	SRCGP10	OFF_SITE
553660.00	4181520.00	3.51E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180520.00	2.88E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180540.00	3.05E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180560.00	3.24E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180600.00	3.68E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180620.00	3.94E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180640.00	4.24E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180660.00	4.56E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180700.00	5.36E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180720.00	5.83E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180740.00	6.37E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180760.00	6.99E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180780.00	7.68E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180800.00	8.46E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180820.00	9.31E-01	1.8	SRCGP10	OFF_SITE
553680.00	4180840.00	1.02E+00	1.8	SRCGP10	OFF_SITE
553680.00	4180860.00	1.12E+00	1.8	SRCGP10	OFF_SITE
553680.00	4180900.00	1.30E+00	1.8	SRCGP10	OFF_SITE
553680.00	4180920.00	1.38E+00	1.8	SRCGP10	OFF_SITE
553680.00	4180940.00	1.44E+00	1.8	SRCGP10	OFF_SITE
553680.00	4181000.00	1.46E+00	1.8	SRCGP10	OFF_SITE
553680.00	4181020.00	1.42E+00	1.8	SRCGP10	OFF_SITE
553680.00	4181040.00	1.36E+00	1.8	SRCGP10	OFF_SITE
553680.00	4181060.00	1.30E+00	1.8	SRCGP10	OFF_SITE
553680.00	4181080.00	1.22E+00	1.8	SRCGP10	OFF_SITE
553680.00	4181100.00	1.14E+00	1.8	SRCGP10	OFF_SITE
553680.00	4181120.00	1.07E+00	1.8	SRCGP10	OFF_SITE
553680.00	4181140.00	1.00E+00	1.8	SRCGP10	OFF_SITE
553700.00	4180520.00	2.91E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180540.00	3.09E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180560.00	3.28E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180600.00	3.73E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180620.00	4.00E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180640.00	4.30E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180660.00	4.63E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180700.00	5.44E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180720.00	5.93E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180740.00	6.49E-01	1.8	SRCGP10	OFF_SITE

553700.00	4180760.00	7.13E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180780.00	7.86E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180800.00	8.69E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180820.00	9.62E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180840.00	1.06E+00	1.8	SRCGP10	OFF_SITE
553700.00	4180860.00	1.17E+00	1.8	SRCGP10	OFF_SITE
553700.00	4180900.00	1.40E+00	1.8	SRCGP10	OFF_SITE
553700.00	4180920.00	1.50E+00	1.8	SRCGP10	OFF_SITE
553700.00	4180940.00	1.58E+00	1.8	SRCGP10	OFF_SITE
553700.00	4181000.00	1.65E+00	1.8	SRCGP10	OFF_SITE
553700.00	4181020.00	1.62E+00	1.8	SRCGP10	OFF_SITE
553700.00	4181040.00	1.56E+00	1.8	SRCGP10	OFF_SITE
553700.00	4181060.00	1.48E+00	1.8	SRCGP10	OFF_SITE
553700.00	4181080.00	1.39E+00	1.8	SRCGP10	OFF_SITE
553700.00	4181100.00	1.30E+00	1.8	SRCGP10	OFF_SITE
553700.00	4181120.00	1.21E+00	1.8	SRCGP10	OFF_SITE
553700.00	4181140.00	1.13E+00	1.8	SRCGP10	OFF_SITE
553720.00	4180520.00	2.94E-01	1.8	SRCGP10	OFF_SITE
553720.00	4180540.00	3.12E-01	1.8	SRCGP10	OFF_SITE
553720.00	4180560.00	3.32E-01	1.8	SRCGP10	OFF_SITE
553720.00	4180600.00	3.78E-01	1.8	SRCGP10	OFF_SITE
553720.00	4180620.00	4.06E-01	1.8	SRCGP10	OFF_SITE
553720.00	4180640.00	4.36E-01	1.8	SRCGP10	OFF_SITE
553720.00	4180660.00	4.70E-01	1.8	SRCGP10	OFF_SITE
553740.00	4180520.00	2.97E-01	1.8	SRCGP10	OFF_SITE
553740.00	4180540.00	3.16E-01	1.8	SRCGP10	OFF_SITE
553740.00	4180560.00	3.36E-01	1.8	SRCGP10	OFF_SITE
553760.00	4180620.00	4.16E-01	1.8	SRCGP10	OFF_SITE
553760.00	4180640.00	4.48E-01	1.8	SRCGP10	OFF_SITE
553760.00	4180660.00	4.84E-01	1.8	SRCGP10	OFF_SITE
553760.00	4180680.00	5.25E-01	1.8	SRCGP10	OFF_SITE
553760.00	4180720.00	6.25E-01	1.8	SRCGP10	OFF_SITE
553760.00	4180740.00	6.87E-01	1.8	SRCGP10	OFF_SITE
553760.00	4180760.00	7.58E-01	1.8	SRCGP10	OFF_SITE
553760.00	4180780.00	8.41E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180520.00	3.01E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180540.00	3.21E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180560.00	3.42E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180580.00	3.66E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180600.00	3.92E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180620.00	4.21E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180640.00	4.54E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180660.00	4.91E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180680.00	5.33E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180720.00	6.35E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180740.00	6.99E-01	1.8	SRCGP10	OFF_SITE
553780.00	4180760.00	7.73E-01	1.8	SRCGP10	OFF_SITE

553780.00	4180780.00	8.59E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180520.00	3.02E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180540.00	3.22E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180560.00	3.44E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180580.00	3.68E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180600.00	3.95E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180620.00	4.25E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180640.00	4.58E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180660.00	4.96E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180680.00	5.39E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180720.00	6.45E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180740.00	7.10E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180760.00	7.87E-01	1.8	SRCGP10	OFF_SITE
553800.00	4180780.00	8.77E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180520.00	3.02E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180540.00	3.22E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180560.00	3.44E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180580.00	3.69E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180620.00	4.27E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180640.00	4.62E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180660.00	5.00E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180680.00	5.45E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180720.00	6.53E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180740.00	7.21E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180760.00	8.00E-01	1.8	SRCGP10	OFF_SITE
553820.00	4180780.00	8.93E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180520.00	3.01E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180540.00	3.21E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180560.00	3.44E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180580.00	3.69E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180620.00	4.28E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180640.00	4.63E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180660.00	5.03E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180680.00	5.48E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180720.00	6.60E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180740.00	7.29E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180760.00	8.10E-01	1.8	SRCGP10	OFF_SITE
553840.00	4180780.00	9.07E-01	1.8	SRCGP10	OFF_SITE
553860.00	4180520.00	2.98E-01	1.8	SRCGP10	OFF_SITE
553860.00	4180540.00	3.19E-01	1.8	SRCGP10	OFF_SITE
553860.00	4180560.00	3.42E-01	1.8	SRCGP10	OFF_SITE
553860.00	4180580.00	3.67E-01	1.8	SRCGP10	OFF_SITE
553860.00	4180620.00	4.27E-01	1.8	SRCGP10	OFF_SITE
553860.00	4180640.00	4.63E-01	1.8	SRCGP10	OFF_SITE
553860.00	4180660.00	5.03E-01	1.8	SRCGP10	OFF_SITE
553860.00	4180680.00	5.49E-01	1.8	SRCGP10	OFF_SITE
553860.00	4180720.00	6.63E-01	1.8	SRCGP10	OFF_SITE

553860.00	4180740.00	7.34E-01	1.8	SRCGP10	OFF_SITE
553860.00	4180760.00	8.18E-01	1.8	SRCGP10	OFF_SITE
553860.00	4180780.00	9.17E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180520.00	2.95E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180540.00	3.15E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180560.00	3.38E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180580.00	3.63E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180620.00	4.24E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180640.00	4.60E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180660.00	5.01E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180680.00	5.47E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180720.00	6.63E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180740.00	7.36E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180760.00	8.21E-01	1.8	SRCGP10	OFF_SITE
553880.00	4180780.00	9.22E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180520.00	2.90E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180540.00	3.10E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180560.00	3.33E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180580.00	3.58E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180620.00	4.19E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180640.00	4.55E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180660.00	4.96E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180680.00	5.43E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180720.00	6.59E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180740.00	7.32E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180760.00	8.19E-01	1.8	SRCGP10	OFF_SITE
553900.00	4180780.00	9.22E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180520.00	2.83E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180540.00	3.04E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180560.00	3.26E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180580.00	3.51E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180620.00	4.11E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180640.00	4.47E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180660.00	4.88E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180680.00	5.35E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180720.00	6.51E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180740.00	7.24E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180760.00	8.11E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180780.00	9.14E-01	1.8	SRCGP10	OFF_SITE
553940.00	4180520.00	2.76E-01	1.8	SRCGP10	OFF_SITE
553940.00	4180540.00	2.96E-01	1.8	SRCGP10	OFF_SITE
553940.00	4180560.00	3.18E-01	1.8	SRCGP10	OFF_SITE
553940.00	4180580.00	3.43E-01	1.8	SRCGP10	OFF_SITE
553940.00	4180620.00	4.02E-01	1.8	SRCGP10	OFF_SITE
553940.00	4180640.00	4.37E-01	1.8	SRCGP10	OFF_SITE
553940.00	4180660.00	4.77E-01	1.8	SRCGP10	OFF_SITE
553940.00	4180680.00	5.23E-01	1.8	SRCGP10	OFF_SITE

553940.00	4180720.00	6.39E-01	1.8	SRCGP10	OFF_SITE
553940.00	4180740.00	7.11E-01	1.8	SRCGP10	OFF_SITE
553940.00	4180760.00	7.97E-01	1.8	SRCGP10	OFF_SITE
553940.00	4180780.00	9.00E-01	1.8	SRCGP10	OFF_SITE
553960.00	4180520.00	2.68E-01	1.8	SRCGP10	OFF_SITE
553960.00	4180540.00	2.88E-01	1.8	SRCGP10	OFF_SITE
553960.00	4180560.00	3.09E-01	1.8	SRCGP10	OFF_SITE
553960.00	4180580.00	3.33E-01	1.8	SRCGP10	OFF_SITE
553960.00	4180620.00	3.90E-01	1.8	SRCGP10	OFF_SITE
553960.00	4180640.00	4.25E-01	1.8	SRCGP10	OFF_SITE
553960.00	4180660.00	4.64E-01	1.8	SRCGP10	OFF_SITE
553960.00	4180680.00	5.09E-01	1.8	SRCGP10	OFF_SITE
553960.00	4180720.00	6.22E-01	1.8	SRCGP10	OFF_SITE
553960.00	4180740.00	6.93E-01	1.8	SRCGP10	OFF_SITE
553960.00	4180760.00	7.78E-01	1.8	SRCGP10	OFF_SITE
553980.00	4180520.00	2.60E-01	1.8	SRCGP10	OFF_SITE
553980.00	4180540.00	2.78E-01	1.8	SRCGP10	OFF_SITE
553980.00	4180560.00	2.99E-01	1.8	SRCGP10	OFF_SITE
553980.00	4180580.00	3.22E-01	1.8	SRCGP10	OFF_SITE
553980.00	4180620.00	3.78E-01	1.8	SRCGP10	OFF_SITE
553980.00	4180640.00	4.11E-01	1.8	SRCGP10	OFF_SITE
553980.00	4180660.00	4.49E-01	1.8	SRCGP10	OFF_SITE
553980.00	4180680.00	4.93E-01	1.8	SRCGP10	OFF_SITE
553560.00	4181180.00	5.10E-01	1.8	SRCGP10	OFF_SITE
553920.00	4180660.00	4.88E-01	1.8	SRCGP10	OFF_SITE
553700.00	4180920.00	1.50E+00	1.8	SRCGP10	OFF_SITE
553560.00	4180920.00	8.37E-01	1.8	SRCGP10	OFF_SITE
553680.00	4181060.00	1.30E+00	1.8	SRCGP10	OFF_SITE
553760.00	4181080.00	2.20E+00	1.8	SRCGP10	R_A1_BA
553780.00	4181080.00	2.64E+00	1.8	SRCGP10	R_A1_BA
553760.00	4181100.00	2.04E+00	1.8	SRCGP10	R_A1_BA
553780.00	4181100.00	2.43E+00	1.8	SRCGP10	R_A1_BA
553760.00	4181120.00	1.87E+00	1.8	SRCGP10	R_A1_BA
553780.00	4181120.00	2.22E+00	1.8	SRCGP10	R_A1_BA
553760.00	4181140.00	1.71E+00	1.8	SRCGP10	R_A1_BA
553780.00	4181140.00	2.01E+00	1.8	SRCGP10	R_A1_BA
553760.00	4181000.00	2.48E+00	1.8	SRCGP10	R_A1_BB
553780.00	4181000.00	2.88E+00	1.8	SRCGP10	R_A1_BB
553760.00	4181020.00	2.50E+00	1.8	SRCGP10	R_A1_BB
553780.00	4181020.00	2.94E+00	1.8	SRCGP10	R_A1_BB
553760.00	4181040.00	2.45E+00	1.8	SRCGP10	R_A1_BB
553780.00	4181040.00	2.91E+00	1.8	SRCGP10	R_A1_BB
553780.00	4181060.00	2.80E+00	1.8	SRCGP10	R_A1_BB
553760.00	4180900.00	1.70E+00	1.8	SRCGP10	R_A1_BC
553780.00	4180900.00	1.81E+00	1.8	SRCGP10	R_A1_BC
553760.00	4180920.00	1.90E+00	1.8	SRCGP10	R_A1_BC
553780.00	4180920.00	2.05E+00	1.8	SRCGP10	R_A1_BC



553760.00	4180940.00	2.10E+00	1.8	SRCGP10	R_A1_BC
553780.00	4180940.00	2.30E+00	1.8	SRCGP10	R_A1_BC
553760.00	4180960.00	2.28E+00	1.8	SRCGP10	R_A1_BC
553780.00	4180960.00	2.54E+00	1.8	SRCGP10	R_A1_BC
553760.00	4180820.00	1.05E+00	1.8	SRCGP10	R_A1_BD1
553780.00	4180820.00	1.08E+00	1.8	SRCGP10	R_A1_BD1
553760.00	4180840.00	1.19E+00	1.8	SRCGP10	R_A1_BD1
553780.00	4180840.00	1.22E+00	1.8	SRCGP10	R_A1_BD1
553760.00	4180860.00	1.34E+00	1.8	SRCGP10	R_A1_BD1
553780.00	4180860.00	1.39E+00	1.8	SRCGP10	R_A1_BD1
553760.00	4180880.00	1.51E+00	1.8	SRCGP10	R_A1_BD1
553800.00	4180820.00	1.11E+00	1.8	SRCGP10	R_A1_BD2
553820.00	4180820.00	1.14E+00	1.8	SRCGP10	R_A1_BD2
553840.00	4180820.00	1.16E+00	1.8	SRCGP10	R_A1_BD2
553860.00	4180820.00	1.18E+00	1.8	SRCGP10	R_A1_BD2
553880.00	4180820.00	1.19E+00	1.8	SRCGP10	R_A1_BD2
553800.00	4180840.00	1.26E+00	1.8	SRCGP10	R_A1_BD2
553820.00	4180840.00	1.30E+00	1.8	SRCGP10	R_A1_BD2
553840.00	4180840.00	1.33E+00	1.8	SRCGP10	R_A1_BD2
553860.00	4180840.00	1.36E+00	1.8	SRCGP10	R_A1_BD2
553880.00	4180840.00	1.38E+00	1.8	SRCGP10	R_A1_BD2
553800.00	4180860.00	1.44E+00	1.8	SRCGP10	R_A1_BD2
553820.00	4180860.00	1.49E+00	1.8	SRCGP10	R_A1_BD2
553840.00	4180860.00	1.54E+00	1.8	SRCGP10	R_A1_BD2
553860.00	4180860.00	1.58E+00	1.8	SRCGP10	R_A1_BD2
553880.00	4180860.00	1.61E+00	1.8	SRCGP10	R_A1_BD2
553780.00	4180880.00	1.59E+00	1.8	SRCGP10	R_A1_BD2
553800.00	4180880.00	1.66E+00	1.8	SRCGP10	R_A1_BD2
553820.00	4180880.00	1.73E+00	1.8	SRCGP10	R_A1_BD2
553840.00	4180880.00	1.79E+00	1.8	SRCGP10	R_A1_BD2
553860.00	4180880.00	1.85E+00	1.8	SRCGP10	R_A1_BD2
553820.00	4181100.00	3.70E+00	1.8	SRCGP10	R_A2_BG
553840.00	4181100.00	4.73E+00	1.8	SRCGP10	R_A2_BG
553860.00	4181100.00	6.28E+00	1.8	SRCGP10	R_A2_BG
553820.00	4181120.00	3.31E+00	1.8	SRCGP10	R_A2_BG
553840.00	4181120.00	4.20E+00	1.8	SRCGP10	R_A2_BG
553860.00	4181120.00	5.52E+00	1.8	SRCGP10	R_A2_BG
553900.00	4181100.00	1.30E+01	1.8	SRCGP10	R_A2_BK
553920.00	4181100.00	2.14E+01	1.8	SRCGP10	R_A2_BK
553900.00	4181120.00	1.14E+01	1.8	SRCGP10	R_A2_BK
553920.00	4181120.00	1.95E+01	1.8	SRCGP10	R_A2_BK
553860.00	4181140.00	4.67E+00	1.8	SRCGP10	R_A2_PK
553880.00	4181140.00	6.25E+00	1.8	SRCGP10	R_A2_PK
553900.00	4181140.00	8.98E+00	1.8	SRCGP10	R_A2_PK
553920.00	4181140.00	1.50E+01	1.8	SRCGP10	R_A2_PK
553800.00	4181160.00	2.15E+00	1.8	SRCGP10	R_A2_PK
553820.00	4181160.00	2.57E+00	1.8	SRCGP10	R_A2_PK

553840.00	4181160.00	3.13E+00	1.8	SRCGP10	R_A2_PK
553860.00	4181160.00	3.88E+00	1.8	SRCGP10	R_A2_PK
553880.00	4181160.00	4.95E+00	1.8	SRCGP10	R_A2_PK
553900.00	4181160.00	6.54E+00	1.8	SRCGP10	R_A2_PK
553920.00	4181160.00	9.15E+00	1.8	SRCGP10	R_A2_PK
553740.00	4181180.00	1.26E+00	1.8	SRCGP10	R_A2_PK
553760.00	4181180.00	1.43E+00	1.8	SRCGP10	R_A2_PK
553780.00	4181180.00	1.65E+00	1.8	SRCGP10	R_A2_PK
553800.00	4181180.00	1.92E+00	1.8	SRCGP10	R_A2_PK
553820.00	4181180.00	2.26E+00	1.8	SRCGP10	R_A2_PK
553840.00	4181180.00	2.69E+00	1.8	SRCGP10	R_A2_PK
553860.00	4181180.00	3.23E+00	1.8	SRCGP10	R_A2_PK
553880.00	4181180.00	3.93E+00	1.8	SRCGP10	R_A2_PK
553900.00	4181180.00	4.83E+00	1.8	SRCGP10	R_A2_PK
553920.00	4181180.00	6.01E+00	1.8	SRCGP10	R_A2_PK
553740.00	4181200.00	1.17E+00	1.8	SRCGP10	R_A2_PK
553760.00	4181200.00	1.32E+00	1.8	SRCGP10	R_A2_PK
553780.00	4181200.00	1.51E+00	1.8	SRCGP10	R_A2_PK
553800.00	4181200.00	1.73E+00	1.8	SRCGP10	R_A2_PK
553820.00	4181200.00	2.00E+00	1.8	SRCGP10	R_A2_PK
553840.00	4181200.00	2.32E+00	1.8	SRCGP10	R_A2_PK
553860.00	4181200.00	2.71E+00	1.8	SRCGP10	R_A2_PK
553880.00	4181200.00	3.18E+00	1.8	SRCGP10	R_A2_PK
553900.00	4181200.00	3.74E+00	1.8	SRCGP10	R_A2_PK
553920.00	4181200.00	4.38E+00	1.8	SRCGP10	R_A2_PK
553840.00	4180920.00	2.50E+00	1.8	SRCGP10	R_A3_BE
553860.00	4180920.00	2.64E+00	1.8	SRCGP10	R_A3_BE
553820.00	4180940.00	2.74E+00	1.8	SRCGP10	R_A3_BE
553840.00	4180940.00	2.97E+00	1.8	SRCGP10	R_A3_BE
553860.00	4180940.00	3.19E+00	1.8	SRCGP10	R_A3_BE
553820.00	4181040.00	4.29E+00	1.8	SRCGP10	R_A3_BF
553840.00	4181040.00	5.33E+00	1.8	SRCGP10	R_A3_BF
553860.00	4181040.00	6.77E+00	1.8	SRCGP10	R_A3_BF
553820.00	4181060.00	4.23E+00	1.8	SRCGP10	R_A3_BF
553840.00	4181060.00	5.36E+00	1.8	SRCGP10	R_A3_BF
553860.00	4181060.00	6.95E+00	1.8	SRCGP10	R_A3_BF
553800.00	4180960.00	2.84E+00	1.8	SRCGP10	R_A3_SQ
553820.00	4180960.00	3.16E+00	1.8	SRCGP10	R_A3_SQ
553840.00	4180960.00	3.51E+00	1.8	SRCGP10	R_A3_SQ
553860.00	4180960.00	3.87E+00	1.8	SRCGP10	R_A3_SQ
553800.00	4180980.00	3.13E+00	1.8	SRCGP10	R_A3_SQ
553820.00	4180980.00	3.58E+00	1.8	SRCGP10	R_A3_SQ
553840.00	4180980.00	4.10E+00	1.8	SRCGP10	R_A3_SQ
553860.00	4180980.00	4.67E+00	1.8	SRCGP10	R_A3_SQ
553800.00	4181000.00	3.36E+00	1.8	SRCGP10	R_A3_SQ
553820.00	4181000.00	3.94E+00	1.8	SRCGP10	R_A3_SQ
553840.00	4181000.00	4.65E+00	1.8	SRCGP10	R_A3_SQ

553860.00	4181000.00	5.51E+00	1.8	SRCGP10	R_A3_SQ
553800.00	4181020.00	3.49E+00	1.8	SRCGP10	R_A3_SQ
553820.00	4181020.00	4.19E+00	1.8	SRCGP10	R_A3_SQ
553840.00	4181020.00	5.08E+00	1.8	SRCGP10	R_A3_SQ
553860.00	4181020.00	6.25E+00	1.8	SRCGP10	R_A3_SQ
553900.00	4180920.00	2.86E+00	1.8	SRCGP10	R_A4_BI
553920.00	4180920.00	2.92E+00	1.8	SRCGP10	R_A4_BI
553900.00	4180940.00	3.57E+00	1.8	SRCGP10	R_A4_BI
553920.00	4180940.00	3.69E+00	1.8	SRCGP10	R_A4_BI
553900.00	4180960.00	4.55E+00	1.8	SRCGP10	R_A4_BI
553920.00	4180960.00	4.80E+00	1.8	SRCGP10	R_A4_BI
553900.00	4181000.00	7.78E+00	1.8	SRCGP10	R_A4_BJ
553920.00	4181000.00	9.06E+00	1.8	SRCGP10	R_A4_BJ
553900.00	4181020.00	1.00E+01	1.8	SRCGP10	R_A4_BJ
553920.00	4181020.00	1.32E+01	1.8	SRCGP10	R_A4_BJ
553900.00	4181040.00	1.21E+01	1.8	SRCGP10	R_A4_BJ
553920.00	4181040.00	1.79E+01	1.8	SRCGP10	R_A4_BJ
553900.00	4181060.00	1.33E+01	1.8	SRCGP10	R_A4_BJ
553920.00	4181060.00	2.07E+01	1.8	SRCGP10	R_A4_BJ
553900.00	4181000.00	7.78E+00	1.8	SRCGP10	R_A4_BJ
553920.00	4181000.00	9.06E+00	1.8	SRCGP10	R_A4_BJ
553900.00	4180980.00	5.92E+00	1.8	SRCGP10	R_A4_CL
553920.00	4180980.00	6.46E+00	1.8	SRCGP10	R_A4_CL
553940.00	4180980.00	6.81E+00	1.8	SRCGP10	R_A4_CL
553880.00	4181000.00	6.55E+00	1.8	SRCGP10	R_A4_CL
553940.00	4181000.00	1.00E+01	1.8	SRCGP10	R_A4_CL
553940.00	4181080.00	4.48E+01	1.8	SRCGP10	R_A4_CL
553880.00	4180980.00	5.29E+00	1.8	SRCGP10	R_A4_CL
553600.00	4181380.00	4.08E-01	1.8	SRCGP10	R_ATT
553600.00	4181400.00	3.93E-01	1.8	SRCGP10	R_ATT
553620.00	4181340.00	4.71E-01	1.8	SRCGP10	R_ATT
553620.00	4181360.00	4.52E-01	1.8	SRCGP10	R_ATT
553620.00	4181380.00	4.34E-01	1.8	SRCGP10	R_ATT
553620.00	4181400.00	4.17E-01	1.8	SRCGP10	R_ATT
553620.00	4181420.00	4.01E-01	1.8	SRCGP10	R_ATT
553640.00	4181340.00	5.04E-01	1.8	SRCGP10	R_ATT
553640.00	4181320.00	5.27E-01	1.8	SRCGP10	R_ATT
553640.00	4181360.00	4.83E-01	1.8	SRCGP10	R_ATT
553640.00	4181380.00	4.62E-01	1.8	SRCGP10	R_ATT
553640.00	4181400.00	4.43E-01	1.8	SRCGP10	R_ATT
553640.00	4181420.00	4.24E-01	1.8	SRCGP10	R_ATT
553640.00	4181440.00	4.06E-01	1.8	SRCGP10	R_ATT
553660.00	4181320.00	5.67E-01	1.8	SRCGP10	R_ATT
553660.00	4181340.00	5.40E-01	1.8	SRCGP10	R_ATT
553660.00	4181360.00	5.16E-01	1.8	SRCGP10	R_ATT
553660.00	4181380.00	4.92E-01	1.8	SRCGP10	R_ATT
553660.00	4181400.00	4.70E-01	1.8	SRCGP10	R_ATT

553660.00	4181420.00	4.48E-01	1.8	SRCGP10	R_ATT
553660.00	4181440.00	4.28E-01	1.8	SRCGP10	R_ATT
553660.00	4181460.00	4.08E-01	1.8	SRCGP10	R_ATT
553680.00	4181360.00	5.51E-01	1.8	SRCGP10	R_ATT
553680.00	4181380.00	5.24E-01	1.8	SRCGP10	R_ATT
553680.00	4181400.00	4.98E-01	1.8	SRCGP10	R_ATT
553680.00	4181420.00	4.73E-01	1.8	SRCGP10	R_ATT
553680.00	4181440.00	4.49E-01	1.8	SRCGP10	R_ATT
553680.00	4181460.00	4.26E-01	1.8	SRCGP10	R_ATT
553680.00	4181480.00	4.04E-01	1.8	SRCGP10	R_ATT
553680.00	4181340.00	5.80E-01	1.8	SRCGP10	R_ATT
553680.00	4181320.00	6.11E-01	1.8	SRCGP10	R_ATT
553700.00	4181360.00	5.89E-01	1.8	SRCGP10	R_ATT
553700.00	4181380.00	5.58E-01	1.8	SRCGP10	R_ATT
553700.00	4181400.00	5.27E-01	1.8	SRCGP10	R_ATT
553700.00	4181420.00	4.99E-01	1.8	SRCGP10	R_ATT
553700.00	4181440.00	4.71E-01	1.8	SRCGP10	R_ATT
553700.00	4181460.00	4.45E-01	1.8	SRCGP10	R_ATT
553700.00	4181480.00	4.20E-01	1.8	SRCGP10	R_ATT
553700.00	4181500.00	3.96E-01	1.8	SRCGP10	R_ATT
553700.00	4181340.00	6.23E-01	1.8	SRCGP10	R_ATT
553700.00	4181320.00	6.59E-01	1.8	SRCGP10	R_ATT
553720.00	4181360.00	6.30E-01	1.8	SRCGP10	R_ATT
553720.00	4181380.00	5.92E-01	1.8	SRCGP10	R_ATT
553720.00	4181400.00	5.57E-01	1.8	SRCGP10	R_ATT
553720.00	4181420.00	5.24E-01	1.8	SRCGP10	R_ATT
553720.00	4181440.00	4.93E-01	1.8	SRCGP10	R_ATT
553720.00	4181460.00	4.63E-01	1.8	SRCGP10	R_ATT
553720.00	4181480.00	4.35E-01	1.8	SRCGP10	R_ATT
553720.00	4181500.00	4.08E-01	1.8	SRCGP10	R_ATT
553720.00	4181520.00	3.83E-01	1.8	SRCGP10	R_ATT
553720.00	4181340.00	6.69E-01	1.8	SRCGP10	R_ATT
553720.00	4181320.00	7.11E-01	1.8	SRCGP10	R_ATT
553740.00	4181360.00	6.72E-01	1.8	SRCGP10	R_ATT
553740.00	4181380.00	6.28E-01	1.8	SRCGP10	R_ATT
553740.00	4181400.00	5.88E-01	1.8	SRCGP10	R_ATT
553740.00	4181420.00	5.50E-01	1.8	SRCGP10	R_ATT
553740.00	4181440.00	5.14E-01	1.8	SRCGP10	R_ATT
553740.00	4181460.00	4.80E-01	1.8	SRCGP10	R_ATT
553740.00	4181480.00	4.49E-01	1.8	SRCGP10	R_ATT
553740.00	4181500.00	4.19E-01	1.8	SRCGP10	R_ATT
553740.00	4181520.00	3.92E-01	1.8	SRCGP10	R_ATT
553740.00	4181340.00	7.18E-01	1.8	SRCGP10	R_ATT
553740.00	4181320.00	7.68E-01	1.8	SRCGP10	R_ATT
553760.00	4181360.00	7.15E-01	1.8	SRCGP10	R_ATT
553760.00	4181380.00	6.65E-01	1.8	SRCGP10	R_ATT
553760.00	4181400.00	6.18E-01	1.8	SRCGP10	R_ATT

553760.00	4181420.00	5.74E-01	1.8	SRCGP10	R_ATT
553760.00	4181440.00	5.34E-01	1.8	SRCGP10	R_ATT
553760.00	4181460.00	4.97E-01	1.8	SRCGP10	R_ATT
553760.00	4181480.00	4.62E-01	1.8	SRCGP10	R_ATT
553760.00	4181500.00	4.30E-01	1.8	SRCGP10	R_ATT
553760.00	4181520.00	4.00E-01	1.8	SRCGP10	R_ATT
553760.00	4181340.00	7.70E-01	1.8	SRCGP10	R_ATT
553760.00	4181320.00	8.30E-01	1.8	SRCGP10	R_ATT
553780.00	4181360.00	7.60E-01	1.8	SRCGP10	R_ATT
553780.00	4181380.00	7.01E-01	1.8	SRCGP10	R_ATT
553780.00	4181400.00	6.47E-01	1.8	SRCGP10	R_ATT
553780.00	4181420.00	5.98E-01	1.8	SRCGP10	R_ATT
553780.00	4181440.00	5.53E-01	1.8	SRCGP10	R_ATT
553780.00	4181460.00	5.11E-01	1.8	SRCGP10	R_ATT
553780.00	4181480.00	4.73E-01	1.8	SRCGP10	R_ATT
553780.00	4181500.00	4.38E-01	1.8	SRCGP10	R_ATT
553780.00	4181520.00	4.06E-01	1.8	SRCGP10	R_ATT
553780.00	4181340.00	8.24E-01	1.8	SRCGP10	R_ATT
553800.00	4181360.00	8.04E-01	1.8	SRCGP10	R_ATT
553800.00	4181380.00	7.37E-01	1.8	SRCGP10	R_ATT
553800.00	4181400.00	6.76E-01	1.8	SRCGP10	R_ATT
553800.00	4181420.00	6.20E-01	1.8	SRCGP10	R_ATT
553800.00	4181440.00	5.70E-01	1.8	SRCGP10	R_ATT
553800.00	4181460.00	5.24E-01	1.8	SRCGP10	R_ATT
553800.00	4181480.00	4.83E-01	1.8	SRCGP10	R_ATT
553800.00	4181500.00	4.45E-01	1.8	SRCGP10	R_ATT
553800.00	4181520.00	4.11E-01	1.8	SRCGP10	R_ATT
553820.00	4181360.00	8.48E-01	1.8	SRCGP10	R_ATT
553820.00	4181380.00	7.71E-01	1.8	SRCGP10	R_ATT
553820.00	4181400.00	7.02E-01	1.8	SRCGP10	R_ATT
553820.00	4181420.00	6.40E-01	1.8	SRCGP10	R_ATT
553820.00	4181440.00	5.85E-01	1.8	SRCGP10	R_ATT
553820.00	4181460.00	5.35E-01	1.8	SRCGP10	R_ATT
553820.00	4181480.00	4.91E-01	1.8	SRCGP10	R_ATT
553820.00	4181500.00	4.51E-01	1.8	SRCGP10	R_ATT
553820.00	4181520.00	4.15E-01	1.8	SRCGP10	R_ATT
553840.00	4181360.00	8.89E-01	1.8	SRCGP10	R_ATT
553840.00	4181380.00	8.01E-01	1.8	SRCGP10	R_ATT
553840.00	4181400.00	7.25E-01	1.8	SRCGP10	R_ATT
553840.00	4181420.00	6.57E-01	1.8	SRCGP10	R_ATT
553840.00	4181440.00	5.97E-01	1.8	SRCGP10	R_ATT
553840.00	4181460.00	5.43E-01	1.8	SRCGP10	R_ATT
553840.00	4181480.00	4.96E-01	1.8	SRCGP10	R_ATT
553840.00	4181500.00	4.54E-01	1.8	SRCGP10	R_ATT
553840.00	4181520.00	4.16E-01	1.8	SRCGP10	R_ATT
553920.00	4180820.00	1.19E+00	1.8	SRCGP10	R_B4_BH
553940.00	4180820.00	1.18E+00	1.8	SRCGP10	R_B4_BH

553920.00	4180840.00	1.38E+00	1.8	SRCGP10	R_B4_BH
553940.00	4180840.00	1.37E+00	1.8	SRCGP10	R_B4_BH
553900.00	4180860.00	1.62E+00	1.8	SRCGP10	R_B4_BH
553920.00	4180860.00	1.63E+00	1.8	SRCGP10	R_B4_BH
553940.00	4180860.00	1.61E+00	1.8	SRCGP10	R_B4_BH
553900.00	4180880.00	1.93E+00	1.8	SRCGP10	R_B4_BH
553920.00	4180880.00	1.94E+00	1.8	SRCGP10	R_B4_BH
553960.00	4181040.00	6.24E+01	1.8	SRCGP10	R_PIER48
553980.00	4181040.00	6.51E+01	1.8	SRCGP10	R_PIER48
554000.00	4181040.00	5.98E+01	1.8	SRCGP10	R_PIER48
553960.00	4181060.00	7.60E+01	1.8	SRCGP10	R_PIER48
553980.00	4181060.00	8.60E+01	1.8	SRCGP10	R_PIER48
554000.00	4181060.00	8.95E+01	1.8	SRCGP10	R_PIER48
554020.00	4181060.00	9.06E+01	1.8	SRCGP10	R_PIER48
554040.00	4181060.00	9.00E+01	1.8	SRCGP10	R_PIER48
554060.00	4181060.00	8.82E+01	1.8	SRCGP10	R_PIER48
554080.00	4181060.00	8.51E+01	1.8	SRCGP10	R_PIER48
554100.00	4181060.00	8.03E+01	1.8	SRCGP10	R_PIER48
554120.00	4181060.00	7.35E+01	1.8	SRCGP10	R_PIER48
554140.00	4181060.00	6.25E+01	1.8	SRCGP10	R_PIER48
554160.00	4181060.00	4.24E+01	1.8	SRCGP10	R_PIER48
553960.00	4181080.00	7.93E+01	1.8	SRCGP10	R_PIER48
553980.00	4181080.00	9.03E+01	1.8	SRCGP10	R_PIER48
554000.00	4181080.00	9.53E+01	1.8	SRCGP10	R_PIER48
554020.00	4181080.00	9.77E+01	1.8	SRCGP10	R_PIER48
554040.00	4181080.00	9.87E+01	1.8	SRCGP10	R_PIER48
554060.00	4181080.00	9.86E+01	1.8	SRCGP10	R_PIER48
554080.00	4181080.00	9.74E+01	1.8	SRCGP10	R_PIER48
554100.00	4181080.00	9.51E+01	1.8	SRCGP10	R_PIER48
554120.00	4181080.00	9.10E+01	1.8	SRCGP10	R_PIER48
554140.00	4181080.00	8.31E+01	1.8	SRCGP10	R_PIER48
554160.00	4181080.00	6.19E+01	1.8	SRCGP10	R_PIER48
553960.00	4181100.00	7.98E+01	1.8	SRCGP10	R_PIER48
553980.00	4181100.00	9.08E+01	1.8	SRCGP10	R_PIER48
554000.00	4181100.00	9.62E+01	1.8	SRCGP10	R_PIER48
554020.00	4181100.00	9.91E+01	1.8	SRCGP10	R_PIER48
554040.00	4181100.00	1.01E+02	1.8	SRCGP10	R_PIER48
554060.00	4181100.00	1.01E+02	1.8	SRCGP10	R_PIER48
554080.00	4181100.00	1.01E+02	1.8	SRCGP10	R_PIER48
554100.00	4181100.00	9.87E+01	1.8	SRCGP10	R_PIER48
554120.00	4181100.00	9.48E+01	1.8	SRCGP10	R_PIER48
554140.00	4181100.00	8.65E+01	1.8	SRCGP10	R_PIER48
554160.00	4181100.00	6.18E+01	1.8	SRCGP10	R_PIER48
553960.00	4181120.00	7.75E+01	1.8	SRCGP10	R_PIER48
553980.00	4181120.00	8.79E+01	1.8	SRCGP10	R_PIER48
554000.00	4181120.00	9.33E+01	1.8	SRCGP10	R_PIER48
554020.00	4181120.00	9.65E+01	1.8	SRCGP10	R_PIER48

554040.00	4181120.00	9.84E+01	1.8	SRCGP10	R_PIER48
554060.00	4181120.00	9.93E+01	1.8	SRCGP10	R_PIER48
554080.00	4181120.00	9.93E+01	1.8	SRCGP10	R_PIER48
554100.00	4181120.00	9.79E+01	1.8	SRCGP10	R_PIER48
554120.00	4181120.00	9.43E+01	1.8	SRCGP10	R_PIER48
554140.00	4181120.00	8.56E+01	1.8	SRCGP10	R_PIER48
553940.00	4181140.00	3.83E+01	1.8	SRCGP10	R_PIER48
553960.00	4181140.00	6.80E+01	1.8	SRCGP10	R_PIER48
553980.00	4181140.00	7.76E+01	1.8	SRCGP10	R_PIER48
554000.00	4181140.00	8.33E+01	1.8	SRCGP10	R_PIER48
554020.00	4181140.00	8.71E+01	1.8	SRCGP10	R_PIER48
554040.00	4181140.00	8.99E+01	1.8	SRCGP10	R_PIER48
554060.00	4181140.00	9.17E+01	1.8	SRCGP10	R_PIER48
554080.00	4181140.00	9.26E+01	1.8	SRCGP10	R_PIER48
554100.00	4181140.00	9.22E+01	1.8	SRCGP10	R_PIER48
554120.00	4181140.00	8.95E+01	1.8	SRCGP10	R_PIER48
554140.00	4181140.00	8.12E+01	1.8	SRCGP10	R_PIER48
554040.00	4181160.00	5.43E+01	1.8	SRCGP10	R_PIER48
554060.00	4181160.00	6.26E+01	1.8	SRCGP10	R_PIER48
554080.00	4181160.00	6.86E+01	1.8	SRCGP10	R_PIER48
554100.00	4181160.00	7.23E+01	1.8	SRCGP10	R_PIER48
554120.00	4181160.00	7.35E+01	1.8	SRCGP10	R_PIER48
554140.00	4181160.00	6.90E+01	1.8	SRCGP10	R_PIER48
553980.00	4180780.00	8.52E-01	1.8	SRCGP10	R_PIER50
553980.00	4180800.00	9.72E-01	1.8	SRCGP10	R_PIER50
553980.00	4180820.00	1.12E+00	1.8	SRCGP10	R_PIER50
553980.00	4180840.00	1.30E+00	1.8	SRCGP10	R_PIER50
553980.00	4180860.00	1.54E+00	1.8	SRCGP10	R_PIER50
553980.00	4180880.00	1.84E+00	1.8	SRCGP10	R_PIER50
553980.00	4180900.00	2.26E+00	1.8	SRCGP10	R_PIER50
553980.00	4180920.00	2.83E+00	1.8	SRCGP10	R_PIER50
553980.00	4180940.00	3.65E+00	1.8	SRCGP10	R_PIER50
553980.00	4180960.00	4.89E+00	1.8	SRCGP10	R_PIER50
554000.00	4180720.00	5.80E-01	1.8	SRCGP10	R_PIER50
554000.00	4180740.00	6.47E-01	1.8	SRCGP10	R_PIER50
554000.00	4180760.00	7.26E-01	1.8	SRCGP10	R_PIER50
554000.00	4180780.00	8.20E-01	1.8	SRCGP10	R_PIER50
554000.00	4180800.00	9.35E-01	1.8	SRCGP10	R_PIER50
554000.00	4180820.00	1.08E+00	1.8	SRCGP10	R_PIER50
554000.00	4180840.00	1.25E+00	1.8	SRCGP10	R_PIER50
554000.00	4180860.00	1.48E+00	1.8	SRCGP10	R_PIER50
554000.00	4180880.00	1.78E+00	1.8	SRCGP10	R_PIER50
554000.00	4180900.00	2.18E+00	1.8	SRCGP10	R_PIER50
554000.00	4180920.00	2.73E+00	1.8	SRCGP10	R_PIER50
554000.00	4180940.00	3.53E+00	1.8	SRCGP10	R_PIER50
554000.00	4180960.00	4.77E+00	1.8	SRCGP10	R_PIER50
554020.00	4180840.00	1.20E+00	1.8	SRCGP10	R_PIER50

554020.00	4180860.00	1.41E+00	1.8	SRCGP10	R_PIER50
554020.00	4180880.00	1.70E+00	1.8	SRCGP10	R_PIER50
554020.00	4180900.00	2.08E+00	1.8	SRCGP10	R_PIER50
554020.00	4180920.00	2.61E+00	1.8	SRCGP10	R_PIER50
554020.00	4180940.00	3.40E+00	1.8	SRCGP10	R_PIER50
554020.00	4180960.00	4.62E+00	1.8	SRCGP10	R_PIER50
554040.00	4180840.00	1.14E+00	1.8	SRCGP10	R_PIER50
554040.00	4180860.00	1.34E+00	1.8	SRCGP10	R_PIER50
554040.00	4180880.00	1.61E+00	1.8	SRCGP10	R_PIER50
554040.00	4180900.00	1.97E+00	1.8	SRCGP10	R_PIER50
554040.00	4180920.00	2.48E+00	1.8	SRCGP10	R_PIER50
554040.00	4180940.00	3.24E+00	1.8	SRCGP10	R_PIER50
554040.00	4180960.00	4.42E+00	1.8	SRCGP10	R_PIER50
554060.00	4180840.00	1.07E+00	1.8	SRCGP10	R_PIER50
554060.00	4180860.00	1.27E+00	1.8	SRCGP10	R_PIER50
554060.00	4180880.00	1.52E+00	1.8	SRCGP10	R_PIER50
554060.00	4180900.00	1.86E+00	1.8	SRCGP10	R_PIER50
554060.00	4180920.00	2.34E+00	1.8	SRCGP10	R_PIER50
554060.00	4180940.00	3.06E+00	1.8	SRCGP10	R_PIER50
554060.00	4180960.00	4.19E+00	1.8	SRCGP10	R_PIER50
554080.00	4180840.00	1.01E+00	1.8	SRCGP10	R_PIER50
554080.00	4180860.00	1.19E+00	1.8	SRCGP10	R_PIER50
554080.00	4180880.00	1.42E+00	1.8	SRCGP10	R_PIER50
554080.00	4180900.00	1.74E+00	1.8	SRCGP10	R_PIER50
554080.00	4180920.00	2.20E+00	1.8	SRCGP10	R_PIER50
554080.00	4180940.00	2.87E+00	1.8	SRCGP10	R_PIER50
554080.00	4180960.00	3.94E+00	1.8	SRCGP10	R_PIER50
554100.00	4180840.00	9.46E-01	1.8	SRCGP10	R_PIER50
554100.00	4180860.00	1.11E+00	1.8	SRCGP10	R_PIER50
554100.00	4180880.00	1.33E+00	1.8	SRCGP10	R_PIER50
554100.00	4180900.00	1.63E+00	1.8	SRCGP10	R_PIER50
554100.00	4180920.00	2.05E+00	1.8	SRCGP10	R_PIER50
554100.00	4180940.00	2.68E+00	1.8	SRCGP10	R_PIER50
554100.00	4180960.00	3.66E+00	1.8	SRCGP10	R_PIER50
554120.00	4180840.00	8.88E-01	1.8	SRCGP10	R_PIER50
554120.00	4180860.00	1.04E+00	1.8	SRCGP10	R_PIER50
554120.00	4180880.00	1.24E+00	1.8	SRCGP10	R_PIER50
554120.00	4180900.00	1.52E+00	1.8	SRCGP10	R_PIER50
554120.00	4180920.00	1.91E+00	1.8	SRCGP10	R_PIER50
554120.00	4180940.00	2.49E+00	1.8	SRCGP10	R_PIER50
554120.00	4180960.00	3.39E+00	1.8	SRCGP10	R_PIER50
554140.00	4180840.00	8.34E-01	1.8	SRCGP10	R_PIER50
554140.00	4180860.00	9.76E-01	1.8	SRCGP10	R_PIER50
554140.00	4180880.00	1.16E+00	1.8	SRCGP10	R_PIER50
554140.00	4180900.00	1.42E+00	1.8	SRCGP10	R_PIER50
554140.00	4180920.00	1.79E+00	1.8	SRCGP10	R_PIER50
554140.00	4180940.00	2.32E+00	1.8	SRCGP10	R_PIER50



554140.00	4180960.00	3.13E+00	1.8	SRCGP10	R_PIER50
554160.00	4180840.00	7.87E-01	1.8	SRCGP10	R_PIER50
554160.00	4180860.00	9.20E-01	1.8	SRCGP10	R_PIER50
554160.00	4180880.00	1.10E+00	1.8	SRCGP10	R_PIER50
554160.00	4180900.00	1.34E+00	1.8	SRCGP10	R_PIER50
554160.00	4180920.00	1.68E+00	1.8	SRCGP10	R_PIER50
554160.00	4180940.00	2.17E+00	1.8	SRCGP10	R_PIER50
554160.00	4180960.00	2.91E+00	1.8	SRCGP10	R_PIER50
554180.00	4180840.00	7.47E-01	1.8	SRCGP10	R_PIER50
554180.00	4180860.00	8.72E-01	1.8	SRCGP10	R_PIER50
554180.00	4180880.00	1.04E+00	1.8	SRCGP10	R_PIER50
554180.00	4180900.00	1.27E+00	1.8	SRCGP10	R_PIER50
554180.00	4180920.00	1.59E+00	1.8	SRCGP10	R_PIER50
554180.00	4180940.00	2.05E+00	1.8	SRCGP10	R_PIER50
554180.00	4180960.00	2.72E+00	1.8	SRCGP10	R_PIER50
554200.00	4180840.00	7.12E-01	1.8	SRCGP10	R_PIER50
554200.00	4180860.00	8.32E-01	1.8	SRCGP10	R_PIER50
554200.00	4180880.00	9.91E-01	1.8	SRCGP10	R_PIER50
554200.00	4180900.00	1.21E+00	1.8	SRCGP10	R_PIER50
554200.00	4180920.00	1.51E+00	1.8	SRCGP10	R_PIER50
554200.00	4180940.00	1.94E+00	1.8	SRCGP10	R_PIER50
554200.00	4180960.00	2.57E+00	1.8	SRCGP10	R_PIER50
554220.00	4180840.00	6.83E-01	1.8	SRCGP10	R_PIER50
554220.00	4180860.00	7.98E-01	1.8	SRCGP10	R_PIER50
554220.00	4180880.00	9.51E-01	1.8	SRCGP10	R_PIER50
554220.00	4180900.00	1.16E+00	1.8	SRCGP10	R_PIER50
554220.00	4180920.00	1.45E+00	1.8	SRCGP10	R_PIER50
554220.00	4180940.00	1.85E+00	1.8	SRCGP10	R_PIER50
554220.00	4180960.00	2.43E+00	1.8	SRCGP10	R_PIER50
554240.00	4180820.00	5.71E-01	1.8	SRCGP10	R_PIER50
554240.00	4180840.00	6.57E-01	1.8	SRCGP10	R_PIER50
554240.00	4180860.00	7.69E-01	1.8	SRCGP10	R_PIER50
554240.00	4180880.00	9.17E-01	1.8	SRCGP10	R_PIER50
554240.00	4180900.00	1.12E+00	1.8	SRCGP10	R_PIER50
554240.00	4180920.00	1.39E+00	1.8	SRCGP10	R_PIER50
554240.00	4180940.00	1.77E+00	1.8	SRCGP10	R_PIER50
554240.00	4180960.00	2.29E+00	1.8	SRCGP10	R_PIER50
554260.00	4180820.00	5.52E-01	1.8	SRCGP10	R_PIER50
554260.00	4180840.00	6.35E-01	1.8	SRCGP10	R_PIER50
554260.00	4180860.00	7.44E-01	1.8	SRCGP10	R_PIER50
554260.00	4180880.00	8.88E-01	1.8	SRCGP10	R_PIER50
554260.00	4180900.00	1.08E+00	1.8	SRCGP10	R_PIER50
554260.00	4180920.00	1.34E+00	1.8	SRCGP10	R_PIER50
554260.00	4180940.00	1.69E+00	1.8	SRCGP10	R_PIER50
554260.00	4180960.00	2.17E+00	1.8	SRCGP10	R_PIER50
554280.00	4180800.00	4.70E-01	1.8	SRCGP10	R_PIER50
554280.00	4180820.00	5.34E-01	1.8	SRCGP10	R_PIER50

554280.00	4180840.00	6.16E-01	1.8	SRCGP10	R_PIER50
554280.00	4180860.00	7.22E-01	1.8	SRCGP10	R_PIER50
554280.00	4180880.00	8.62E-01	1.8	SRCGP10	R_PIER50
554280.00	4180900.00	1.05E+00	1.8	SRCGP10	R_PIER50
554280.00	4180920.00	1.29E+00	1.8	SRCGP10	R_PIER50
554280.00	4180940.00	1.62E+00	1.8	SRCGP10	R_PIER50
554280.00	4180960.00	2.04E+00	1.8	SRCGP10	R_PIER50
554300.00	4180780.00	4.06E-01	1.8	SRCGP10	R_PIER50
554300.00	4180800.00	4.56E-01	1.8	SRCGP10	R_PIER50
554300.00	4180820.00	5.19E-01	1.8	SRCGP10	R_PIER50
554300.00	4180840.00	5.99E-01	1.8	SRCGP10	R_PIER50
554300.00	4180860.00	7.03E-01	1.8	SRCGP10	R_PIER50
554300.00	4180880.00	8.39E-01	1.8	SRCGP10	R_PIER50
554300.00	4180900.00	1.02E+00	1.8	SRCGP10	R_PIER50
554300.00	4180920.00	1.25E+00	1.8	SRCGP10	R_PIER50
554300.00	4180940.00	1.55E+00	1.8	SRCGP10	R_PIER50
554300.00	4180960.00	1.93E+00	1.8	SRCGP10	R_PIER50
554320.00	4180780.00	3.94E-01	1.8	SRCGP10	R_PIER50
554320.00	4180800.00	4.43E-01	1.8	SRCGP10	R_PIER50
554320.00	4180820.00	5.05E-01	1.8	SRCGP10	R_PIER50
554320.00	4180840.00	5.85E-01	1.8	SRCGP10	R_PIER50
554320.00	4180860.00	6.86E-01	1.8	SRCGP10	R_PIER50
554320.00	4180880.00	8.18E-01	1.8	SRCGP10	R_PIER50
554320.00	4180900.00	9.87E-01	1.8	SRCGP10	R_PIER50
554320.00	4180920.00	1.20E+00	1.8	SRCGP10	R_PIER50
554320.00	4180940.00	1.48E+00	1.8	SRCGP10	R_PIER50
554320.00	4180960.00	1.82E+00	1.8	SRCGP10	R_PIER50
554340.00	4180760.00	3.44E-01	1.8	SRCGP10	R_PIER50
554340.00	4180780.00	3.84E-01	1.8	SRCGP10	R_PIER50
554340.00	4180800.00	4.32E-01	1.8	SRCGP10	R_PIER50
554340.00	4180820.00	4.94E-01	1.8	SRCGP10	R_PIER50
554340.00	4180840.00	5.71E-01	1.8	SRCGP10	R_PIER50
554340.00	4180860.00	6.71E-01	1.8	SRCGP10	R_PIER50
554340.00	4180880.00	7.98E-01	1.8	SRCGP10	R_PIER50
554340.00	4180900.00	9.60E-01	1.8	SRCGP10	R_PIER50
554340.00	4180920.00	1.16E+00	1.8	SRCGP10	R_PIER50
554340.00	4180940.00	1.41E+00	1.8	SRCGP10	R_PIER50
554340.00	4180960.00	1.72E+00	1.8	SRCGP10	R_PIER50
554360.00	4180760.00	3.35E-01	1.8	SRCGP10	R_PIER50
554360.00	4180780.00	3.74E-01	1.8	SRCGP10	R_PIER50
554360.00	4180800.00	4.23E-01	1.8	SRCGP10	R_PIER50
554360.00	4180820.00	4.83E-01	1.8	SRCGP10	R_PIER50
554360.00	4180840.00	5.60E-01	1.8	SRCGP10	R_PIER50
554360.00	4180860.00	6.57E-01	1.8	SRCGP10	R_PIER50
554360.00	4180880.00	7.80E-01	1.8	SRCGP10	R_PIER50
554360.00	4180900.00	9.33E-01	1.8	SRCGP10	R_PIER50
554360.00	4180920.00	1.12E+00	1.8	SRCGP10	R_PIER50

554360.00	4180940.00	1.35E+00	1.8	SRCGP10	R_PIER50
554360.00	4180960.00	1.62E+00	1.8	SRCGP10	R_PIER50
554380.00	4180740.00	2.96E-01	1.8	SRCGP10	R_PIER50
554380.00	4180760.00	3.27E-01	1.8	SRCGP10	R_PIER50
554380.00	4180780.00	3.66E-01	1.8	SRCGP10	R_PIER50
554380.00	4180800.00	4.14E-01	1.8	SRCGP10	R_PIER50
554380.00	4180820.00	4.74E-01	1.8	SRCGP10	R_PIER50
554380.00	4180840.00	5.49E-01	1.8	SRCGP10	R_PIER50
554380.00	4180860.00	6.44E-01	1.8	SRCGP10	R_PIER50
554380.00	4180880.00	7.62E-01	1.8	SRCGP10	R_PIER50
554380.00	4180900.00	9.07E-01	1.8	SRCGP10	R_PIER50
554380.00	4180920.00	1.08E+00	1.8	SRCGP10	R_PIER50
554380.00	4180940.00	1.29E+00	1.8	SRCGP10	R_PIER50
554380.00	4180960.00	1.53E+00	1.8	SRCGP10	R_PIER50
554400.00	4180740.00	2.89E-01	1.8	SRCGP10	R_PIER50
554400.00	4180760.00	3.20E-01	1.8	SRCGP10	R_PIER50
554400.00	4180780.00	3.59E-01	1.8	SRCGP10	R_PIER50
554400.00	4180800.00	4.07E-01	1.8	SRCGP10	R_PIER50
554400.00	4180820.00	4.66E-01	1.8	SRCGP10	R_PIER50
554400.00	4180840.00	5.40E-01	1.8	SRCGP10	R_PIER50
554400.00	4180860.00	6.32E-01	1.8	SRCGP10	R_PIER50
554400.00	4180880.00	7.45E-01	1.8	SRCGP10	R_PIER50
554400.00	4180900.00	8.82E-01	1.8	SRCGP10	R_PIER50
554400.00	4180920.00	1.04E+00	1.8	SRCGP10	R_PIER50
554400.00	4180940.00	1.23E+00	1.8	SRCGP10	R_PIER50
554400.00	4180960.00	1.44E+00	1.8	SRCGP10	R_PIER50
554420.00	4180720.00	2.57E-01	1.8	SRCGP10	R_PIER50
554420.00	4180740.00	2.83E-01	1.8	SRCGP10	R_PIER50
554420.00	4180760.00	3.14E-01	1.8	SRCGP10	R_PIER50
554420.00	4180780.00	3.53E-01	1.8	SRCGP10	R_PIER50
554420.00	4180800.00	4.00E-01	1.8	SRCGP10	R_PIER50
554420.00	4180820.00	4.59E-01	1.8	SRCGP10	R_PIER50
554420.00	4180840.00	5.31E-01	1.8	SRCGP10	R_PIER50
554420.00	4180860.00	6.20E-01	1.8	SRCGP10	R_PIER50
554420.00	4180880.00	7.28E-01	1.8	SRCGP10	R_PIER50
554420.00	4180900.00	8.56E-01	1.8	SRCGP10	R_PIER50
554420.00	4180920.00	1.01E+00	1.8	SRCGP10	R_PIER50
554420.00	4180940.00	1.18E+00	1.8	SRCGP10	R_PIER50
554420.00	4180960.00	1.36E+00	1.8	SRCGP10	R_PIER50
554440.00	4180720.00	2.52E-01	1.8	SRCGP10	R_PIER50
554440.00	4180740.00	2.78E-01	1.8	SRCGP10	R_PIER50
554440.00	4180760.00	3.09E-01	1.8	SRCGP10	R_PIER50
554440.00	4180780.00	3.47E-01	1.8	SRCGP10	R_PIER50
554440.00	4180800.00	3.94E-01	1.8	SRCGP10	R_PIER50
554440.00	4180820.00	4.52E-01	1.8	SRCGP10	R_PIER50
554440.00	4180840.00	5.23E-01	1.8	SRCGP10	R_PIER50
554440.00	4180860.00	6.08E-01	1.8	SRCGP10	R_PIER50

554440.00	4180880.00	7.11E-01	1.8	SRCGP10	R_PIER50
554440.00	4180900.00	8.30E-01	1.8	SRCGP10	R_PIER50
554440.00	4180920.00	9.67E-01	1.8	SRCGP10	R_PIER50
554440.00	4180940.00	1.12E+00	1.8	SRCGP10	R_PIER50
554440.00	4180960.00	1.28E+00	1.8	SRCGP10	R_PIER50
553680.00	4180480.00	2.58E-01	1.8	SRCGP10	Sensitive
553360.00	4181000.00	3.75E-01	1.8	SRCGP10	Sensitive
553160.00	4180800.00	2.81E-01	1.8	SRCGP10	Sensitive
552940.00	4180980.00	1.58E-01	1.8	SRCGP10	Sensitive
553440.00	4180240.00	1.37E-01	1.8	SRCGP10	Sensitive
553920.00	4180800.00	1.04E+00	1.8	SRCGP10	Sensitive
553400.00	4180440.00	2.06E-01	1.8	SRCGP10	Sensitive
553920.00	4180000.00	8.25E-02	1.8	SRCGP10	Sensitive
553560.00	4180360.00	1.82E-01	1.8	SRCGP10	Sensitive
553360.00	4180340.00	1.63E-01	1.8	SRCGP10	Sensitive
553160.00	4181180.00	1.74E-01	1.8	SRCGP10	Sensitive



**Annual Average Concentraion at Each Receptor Location: Mission Rock Construction Scenario - Source Grou**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	2.70E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180540.00	2.83E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180560.00	2.95E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180580.00	3.08E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180600.00	3.22E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180620.00	3.35E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180640.00	3.48E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180660.00	3.60E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180720.00	3.93E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180740.00	4.01E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180760.00	4.07E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180780.00	4.12E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180800.00	4.14E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180840.00	4.15E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180860.00	4.13E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180880.00	4.09E-01	1.8	SRCGP11	OFF_SITE
553440.00	4180900.00	4.05E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181020.00	3.61E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181040.00	3.53E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181060.00	3.44E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181080.00	3.35E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181160.00	3.02E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181180.00	2.94E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181200.00	2.87E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181220.00	2.80E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181240.00	2.73E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181260.00	2.66E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181300.00	2.52E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181320.00	2.45E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181340.00	2.38E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181360.00	2.31E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181380.00	2.24E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181400.00	2.18E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181420.00	2.11E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181440.00	2.05E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181460.00	1.99E-01	1.8	SRCGP11	OFF_SITE
553440.00	4181480.00	1.93E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180520.00	2.76E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180540.00	2.90E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180560.00	3.03E-01	1.8	SRCGP11	OFF_SITE

553460.00	4180580.00	3.17E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180600.00	3.32E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180620.00	3.46E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180640.00	3.61E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180660.00	3.75E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180700.00	4.01E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180740.00	4.23E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180760.00	4.31E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180780.00	4.37E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180800.00	4.41E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180820.00	4.42E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180860.00	4.41E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180880.00	4.38E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180900.00	4.33E-01	1.8	SRCGP11	OFF_SITE
553460.00	4180920.00	4.27E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181040.00	3.76E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181060.00	3.66E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181120.00	3.37E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181140.00	3.28E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181180.00	3.12E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181200.00	3.03E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181220.00	2.96E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181240.00	2.88E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181260.00	2.80E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181280.00	2.72E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181320.00	2.57E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181340.00	2.49E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181360.00	2.42E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181380.00	2.34E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181400.00	2.27E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181420.00	2.20E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181440.00	2.13E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181460.00	2.06E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181500.00	1.93E-01	1.8	SRCGP11	OFF_SITE
553460.00	4181520.00	1.87E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180520.00	2.82E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180540.00	2.96E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180560.00	3.11E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180580.00	3.26E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180600.00	3.42E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180620.00	3.58E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180640.00	3.74E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180660.00	3.90E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180700.00	4.21E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180720.00	4.34E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180760.00	4.56E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180780.00	4.64E-01	1.8	SRCGP11	OFF_SITE

553480.00	4180800.00	4.69E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180820.00	4.72E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180840.00	4.73E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180880.00	4.69E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180900.00	4.64E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180920.00	4.58E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180940.00	4.51E-01	1.8	SRCGP11	OFF_SITE
553480.00	4180960.00	4.42E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181040.00	4.02E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181080.00	3.80E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181100.00	3.69E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181120.00	3.59E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181140.00	3.49E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181160.00	3.40E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181200.00	3.22E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181220.00	3.13E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181240.00	3.04E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181260.00	2.95E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181280.00	2.87E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181300.00	2.78E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181340.00	2.61E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181360.00	2.53E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181380.00	2.45E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181400.00	2.37E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181420.00	2.29E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181440.00	2.21E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181480.00	2.07E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181500.00	2.00E-01	1.8	SRCGP11	OFF_SITE
553480.00	4181520.00	1.93E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180520.00	2.89E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180540.00	3.04E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180560.00	3.19E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180580.00	3.36E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180600.00	3.53E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180620.00	3.70E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180640.00	3.88E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180660.00	4.06E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180700.00	4.41E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180720.00	4.57E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180740.00	4.71E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180780.00	4.93E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180800.00	5.01E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180820.00	5.05E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180840.00	5.07E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180860.00	5.06E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180900.00	4.99E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180920.00	4.93E-01	1.8	SRCGP11	OFF_SITE



553500.00	4180940.00	4.85E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180960.00	4.76E-01	1.8	SRCGP11	OFF_SITE
553500.00	4180980.00	4.65E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181000.00	4.54E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181060.00	4.18E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181080.00	4.06E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181100.00	3.94E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181120.00	3.83E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181140.00	3.72E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181160.00	3.61E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181180.00	3.51E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181220.00	3.31E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181240.00	3.22E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181260.00	3.12E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181280.00	3.02E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181300.00	2.93E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181320.00	2.83E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181360.00	2.65E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181380.00	2.56E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181400.00	2.47E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181420.00	2.38E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181460.00	2.22E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181480.00	2.14E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181500.00	2.06E-01	1.8	SRCGP11	OFF_SITE
553500.00	4181520.00	1.99E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180520.00	2.95E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180540.00	3.11E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180560.00	3.27E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180580.00	3.45E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180600.00	3.63E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180620.00	3.83E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180640.00	4.02E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180660.00	4.22E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180700.00	4.62E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180720.00	4.81E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180740.00	4.98E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180760.00	5.13E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180800.00	5.35E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180820.00	5.41E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180840.00	5.44E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180860.00	5.45E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180880.00	5.43E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180920.00	5.31E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180940.00	5.23E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180960.00	5.13E-01	1.8	SRCGP11	OFF_SITE
553520.00	4180980.00	5.02E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181000.00	4.89E-01	1.8	SRCGP11	OFF_SITE

553520.00	4181080.00	4.35E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181100.00	4.22E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181120.00	4.10E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181140.00	3.97E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181160.00	3.86E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181180.00	3.74E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181200.00	3.63E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181240.00	3.41E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181260.00	3.30E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181280.00	3.19E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181300.00	3.08E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181320.00	2.98E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181340.00	2.88E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181380.00	2.67E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181400.00	2.58E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181440.00	2.39E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181460.00	2.30E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181480.00	2.22E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181500.00	2.13E-01	1.8	SRCGP11	OFF_SITE
553520.00	4181520.00	2.05E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180520.00	3.01E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180540.00	3.18E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180560.00	3.35E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180580.00	3.54E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180600.00	3.74E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180620.00	3.95E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180640.00	4.17E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180660.00	4.39E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180700.00	4.84E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180720.00	5.06E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180740.00	5.26E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180760.00	5.44E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180780.00	5.60E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180820.00	5.81E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180840.00	5.86E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180860.00	5.88E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180880.00	5.86E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180900.00	5.82E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180940.00	5.66E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180960.00	5.55E-01	1.8	SRCGP11	OFF_SITE
553540.00	4180980.00	5.42E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181100.00	4.53E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181120.00	4.39E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181140.00	4.25E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181160.00	4.12E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181180.00	3.99E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181200.00	3.87E-01	1.8	SRCGP11	OFF_SITE

553540.00	4181220.00	3.74E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181260.00	3.50E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181280.00	3.37E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181300.00	3.25E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181320.00	3.14E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181340.00	3.02E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181360.00	2.91E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181420.00	2.59E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181440.00	2.49E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181460.00	2.39E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181480.00	2.30E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181500.00	2.21E-01	1.8	SRCGP11	OFF_SITE
553540.00	4181520.00	2.12E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180520.00	3.07E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180540.00	3.25E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180560.00	3.43E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180580.00	3.64E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180600.00	3.85E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180620.00	4.08E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180640.00	4.31E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180660.00	4.56E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180700.00	5.07E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180720.00	5.32E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180740.00	5.56E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180760.00	5.78E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180780.00	5.97E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180800.00	6.13E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180840.00	6.32E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180860.00	6.36E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180880.00	6.35E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180900.00	6.31E-01	1.8	SRCGP11	OFF_SITE
553560.00	4180920.00	6.24E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181000.00	5.73E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181020.00	5.56E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181120.00	4.72E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181140.00	4.57E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181160.00	4.42E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181180.00	4.27E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181200.00	4.13E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181220.00	3.99E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181240.00	3.85E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181280.00	3.57E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181300.00	3.44E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181320.00	3.30E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181340.00	3.17E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181420.00	2.69E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181440.00	2.58E-01	1.8	SRCGP11	OFF_SITE

553560.00	4181460.00	2.48E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181480.00	2.38E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181500.00	2.28E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181520.00	2.19E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180520.00	3.13E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180540.00	3.31E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180560.00	3.51E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180580.00	3.73E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180600.00	3.96E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180620.00	4.20E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180640.00	4.46E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180660.00	4.73E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180700.00	5.30E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180720.00	5.59E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180740.00	5.87E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180760.00	6.13E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180780.00	6.37E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180800.00	6.57E-01	1.8	SRCGP11	OFF_SITE
553580.00	4180820.00	6.73E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181000.00	6.23E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181020.00	6.05E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181040.00	5.85E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181140.00	4.92E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181160.00	4.75E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181180.00	4.58E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181200.00	4.42E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181220.00	4.26E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181240.00	4.10E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181260.00	3.94E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181300.00	3.63E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181320.00	3.48E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181440.00	2.69E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181460.00	2.57E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181480.00	2.46E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181500.00	2.35E-01	1.8	SRCGP11	OFF_SITE
553580.00	4181520.00	2.25E-01	1.8	SRCGP11	OFF_SITE
553600.00	4180800.00	7.06E-01	1.8	SRCGP11	OFF_SITE
553600.00	4180820.00	7.26E-01	1.8	SRCGP11	OFF_SITE
553600.00	4180840.00	7.41E-01	1.8	SRCGP11	OFF_SITE
553600.00	4180860.00	7.50E-01	1.8	SRCGP11	OFF_SITE
553600.00	4180900.00	7.51E-01	1.8	SRCGP11	OFF_SITE
553600.00	4180920.00	7.44E-01	1.8	SRCGP11	OFF_SITE
553600.00	4180940.00	7.33E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181000.00	6.81E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181020.00	6.60E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181040.00	6.37E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181060.00	6.15E-01	1.8	SRCGP11	OFF_SITE

553600.00	4181160.00	5.11E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181180.00	4.92E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181200.00	4.74E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181220.00	4.55E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181240.00	4.37E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181260.00	4.19E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181280.00	4.01E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181460.00	2.66E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181480.00	2.54E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181500.00	2.43E-01	1.8	SRCGP11	OFF_SITE
553600.00	4181520.00	2.32E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180520.00	3.24E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180540.00	3.45E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180560.00	3.67E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180600.00	4.17E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180620.00	4.46E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180640.00	4.76E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180660.00	5.08E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180700.00	5.79E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180720.00	6.16E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180740.00	6.54E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180760.00	6.91E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180780.00	7.26E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180800.00	7.58E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180820.00	7.85E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180840.00	8.05E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180860.00	8.18E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180900.00	8.24E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180920.00	8.18E-01	1.8	SRCGP11	OFF_SITE
553620.00	4180940.00	8.06E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181000.00	7.47E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181020.00	7.23E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181040.00	6.97E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181060.00	6.71E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181080.00	6.46E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181180.00	5.30E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181200.00	5.09E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181220.00	4.87E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181240.00	4.67E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181260.00	4.46E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181280.00	4.26E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181480.00	2.63E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181500.00	2.50E-01	1.8	SRCGP11	OFF_SITE
553620.00	4181520.00	2.39E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180520.00	3.30E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180540.00	3.51E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180560.00	3.75E-01	1.8	SRCGP11	OFF_SITE

553640.00	4180600.00	4.28E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180620.00	4.58E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180640.00	4.91E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180660.00	5.26E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180700.00	6.04E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180720.00	6.46E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180740.00	6.90E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180760.00	7.33E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180780.00	7.75E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180800.00	8.14E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180820.00	8.49E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180840.00	8.76E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180860.00	8.95E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180900.00	9.08E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180920.00	9.03E-01	1.8	SRCGP11	OFF_SITE
553640.00	4180940.00	8.91E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181000.00	8.24E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181020.00	7.96E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181040.00	7.66E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181060.00	7.36E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181080.00	7.07E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181100.00	6.78E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181200.00	5.48E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181220.00	5.23E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181240.00	4.99E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181260.00	4.75E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181500.00	2.58E-01	1.8	SRCGP11	OFF_SITE
553640.00	4181520.00	2.45E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180520.00	3.35E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180540.00	3.58E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180560.00	3.82E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180600.00	4.38E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180620.00	4.71E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180640.00	5.06E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180660.00	5.44E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180700.00	6.29E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180720.00	6.77E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180740.00	7.26E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180760.00	7.77E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180780.00	8.27E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180800.00	8.75E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180820.00	9.19E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180840.00	9.55E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180860.00	9.82E-01	1.8	SRCGP11	OFF_SITE
553660.00	4180900.00	1.01E+00	1.8	SRCGP11	OFF_SITE
553660.00	4180920.00	1.00E+00	1.8	SRCGP11	OFF_SITE
553660.00	4180940.00	9.89E-01	1.8	SRCGP11	OFF_SITE

553660.00	4181000.00	9.14E-01	1.8	SRCGP11	OFF_SITE
553660.00	4181020.00	8.81E-01	1.8	SRCGP11	OFF_SITE
553660.00	4181040.00	8.46E-01	1.8	SRCGP11	OFF_SITE
553660.00	4181060.00	8.11E-01	1.8	SRCGP11	OFF_SITE
553660.00	4181080.00	7.77E-01	1.8	SRCGP11	OFF_SITE
553660.00	4181100.00	7.43E-01	1.8	SRCGP11	OFF_SITE
553660.00	4181120.00	7.11E-01	1.8	SRCGP11	OFF_SITE
553660.00	4181220.00	5.62E-01	1.8	SRCGP11	OFF_SITE
553660.00	4181240.00	5.34E-01	1.8	SRCGP11	OFF_SITE
553660.00	4181520.00	2.52E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180520.00	3.40E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180540.00	3.64E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180560.00	3.89E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180600.00	4.49E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180620.00	4.83E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180640.00	5.20E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180660.00	5.61E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180700.00	6.55E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180720.00	7.07E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180740.00	7.63E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180760.00	8.22E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180780.00	8.82E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180800.00	9.40E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180820.00	9.95E-01	1.8	SRCGP11	OFF_SITE
553680.00	4180840.00	1.04E+00	1.8	SRCGP11	OFF_SITE
553680.00	4180860.00	1.08E+00	1.8	SRCGP11	OFF_SITE
553680.00	4180900.00	1.12E+00	1.8	SRCGP11	OFF_SITE
553680.00	4180920.00	1.12E+00	1.8	SRCGP11	OFF_SITE
553680.00	4180940.00	1.11E+00	1.8	SRCGP11	OFF_SITE
553680.00	4181000.00	1.02E+00	1.8	SRCGP11	OFF_SITE
553680.00	4181020.00	9.81E-01	1.8	SRCGP11	OFF_SITE
553680.00	4181040.00	9.40E-01	1.8	SRCGP11	OFF_SITE
553680.00	4181060.00	8.98E-01	1.8	SRCGP11	OFF_SITE
553680.00	4181080.00	8.58E-01	1.8	SRCGP11	OFF_SITE
553680.00	4181100.00	8.18E-01	1.8	SRCGP11	OFF_SITE
553680.00	4181120.00	7.80E-01	1.8	SRCGP11	OFF_SITE
553680.00	4181140.00	7.44E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180520.00	3.45E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180540.00	3.70E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180560.00	3.96E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180600.00	4.58E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180620.00	4.94E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180640.00	5.34E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180660.00	5.78E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180700.00	6.80E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180720.00	7.38E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180740.00	8.01E-01	1.8	SRCGP11	OFF_SITE

553700.00	4180760.00	8.69E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180780.00	9.39E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180800.00	1.01E+00	1.8	SRCGP11	OFF_SITE
553700.00	4180820.00	1.08E+00	1.8	SRCGP11	OFF_SITE
553700.00	4180840.00	1.14E+00	1.8	SRCGP11	OFF_SITE
553700.00	4180860.00	1.19E+00	1.8	SRCGP11	OFF_SITE
553700.00	4180900.00	1.25E+00	1.8	SRCGP11	OFF_SITE
553700.00	4180920.00	1.25E+00	1.8	SRCGP11	OFF_SITE
553700.00	4180940.00	1.24E+00	1.8	SRCGP11	OFF_SITE
553700.00	4181000.00	1.14E+00	1.8	SRCGP11	OFF_SITE
553700.00	4181020.00	1.10E+00	1.8	SRCGP11	OFF_SITE
553700.00	4181040.00	1.05E+00	1.8	SRCGP11	OFF_SITE
553700.00	4181060.00	1.00E+00	1.8	SRCGP11	OFF_SITE
553700.00	4181080.00	9.52E-01	1.8	SRCGP11	OFF_SITE
553700.00	4181100.00	9.05E-01	1.8	SRCGP11	OFF_SITE
553700.00	4181120.00	8.60E-01	1.8	SRCGP11	OFF_SITE
553700.00	4181140.00	8.17E-01	1.8	SRCGP11	OFF_SITE
553720.00	4180520.00	3.50E-01	1.8	SRCGP11	OFF_SITE
553720.00	4180540.00	3.75E-01	1.8	SRCGP11	OFF_SITE
553720.00	4180560.00	4.03E-01	1.8	SRCGP11	OFF_SITE
553720.00	4180600.00	4.67E-01	1.8	SRCGP11	OFF_SITE
553720.00	4180620.00	5.05E-01	1.8	SRCGP11	OFF_SITE
553720.00	4180640.00	5.48E-01	1.8	SRCGP11	OFF_SITE
553720.00	4180660.00	5.95E-01	1.8	SRCGP11	OFF_SITE
553740.00	4180520.00	3.54E-01	1.8	SRCGP11	OFF_SITE
553740.00	4180540.00	3.80E-01	1.8	SRCGP11	OFF_SITE
553740.00	4180560.00	4.09E-01	1.8	SRCGP11	OFF_SITE
553760.00	4180620.00	5.26E-01	1.8	SRCGP11	OFF_SITE
553760.00	4180640.00	5.73E-01	1.8	SRCGP11	OFF_SITE
553760.00	4180660.00	6.25E-01	1.8	SRCGP11	OFF_SITE
553760.00	4180680.00	6.85E-01	1.8	SRCGP11	OFF_SITE
553760.00	4180720.00	8.29E-01	1.8	SRCGP11	OFF_SITE
553760.00	4180740.00	9.15E-01	1.8	SRCGP11	OFF_SITE
553760.00	4180760.00	1.01E+00	1.8	SRCGP11	OFF_SITE
553760.00	4180780.00	1.12E+00	1.8	SRCGP11	OFF_SITE
553780.00	4180520.00	3.61E-01	1.8	SRCGP11	OFF_SITE
553780.00	4180540.00	3.88E-01	1.8	SRCGP11	OFF_SITE
553780.00	4180560.00	4.19E-01	1.8	SRCGP11	OFF_SITE
553780.00	4180580.00	4.53E-01	1.8	SRCGP11	OFF_SITE
553780.00	4180600.00	4.91E-01	1.8	SRCGP11	OFF_SITE
553780.00	4180620.00	5.35E-01	1.8	SRCGP11	OFF_SITE
553780.00	4180640.00	5.84E-01	1.8	SRCGP11	OFF_SITE
553780.00	4180660.00	6.39E-01	1.8	SRCGP11	OFF_SITE
553780.00	4180680.00	7.03E-01	1.8	SRCGP11	OFF_SITE
553780.00	4180720.00	8.57E-01	1.8	SRCGP11	OFF_SITE
553780.00	4180740.00	9.51E-01	1.8	SRCGP11	OFF_SITE
553780.00	4180760.00	1.06E+00	1.8	SRCGP11	OFF_SITE



553780.00	4180780.00	1.18E+00	1.8	SRCGP11	OFF_SITE
553800.00	4180520.00	3.64E-01	1.8	SRCGP11	OFF_SITE
553800.00	4180540.00	3.92E-01	1.8	SRCGP11	OFF_SITE
553800.00	4180560.00	4.23E-01	1.8	SRCGP11	OFF_SITE
553800.00	4180580.00	4.58E-01	1.8	SRCGP11	OFF_SITE
553800.00	4180600.00	4.98E-01	1.8	SRCGP11	OFF_SITE
553800.00	4180620.00	5.43E-01	1.8	SRCGP11	OFF_SITE
553800.00	4180640.00	5.94E-01	1.8	SRCGP11	OFF_SITE
553800.00	4180660.00	6.52E-01	1.8	SRCGP11	OFF_SITE
553800.00	4180680.00	7.19E-01	1.8	SRCGP11	OFF_SITE
553800.00	4180720.00	8.84E-01	1.8	SRCGP11	OFF_SITE
553800.00	4180740.00	9.86E-01	1.8	SRCGP11	OFF_SITE
553800.00	4180760.00	1.10E+00	1.8	SRCGP11	OFF_SITE
553800.00	4180780.00	1.24E+00	1.8	SRCGP11	OFF_SITE
553820.00	4180520.00	3.67E-01	1.8	SRCGP11	OFF_SITE
553820.00	4180540.00	3.95E-01	1.8	SRCGP11	OFF_SITE
553820.00	4180560.00	4.27E-01	1.8	SRCGP11	OFF_SITE
553820.00	4180580.00	4.63E-01	1.8	SRCGP11	OFF_SITE
553820.00	4180620.00	5.50E-01	1.8	SRCGP11	OFF_SITE
553820.00	4180640.00	6.03E-01	1.8	SRCGP11	OFF_SITE
553820.00	4180660.00	6.63E-01	1.8	SRCGP11	OFF_SITE
553820.00	4180680.00	7.33E-01	1.8	SRCGP11	OFF_SITE
553820.00	4180720.00	9.08E-01	1.8	SRCGP11	OFF_SITE
553820.00	4180740.00	1.02E+00	1.8	SRCGP11	OFF_SITE
553820.00	4180760.00	1.15E+00	1.8	SRCGP11	OFF_SITE
553820.00	4180780.00	1.30E+00	1.8	SRCGP11	OFF_SITE
553840.00	4180520.00	3.69E-01	1.8	SRCGP11	OFF_SITE
553840.00	4180540.00	3.97E-01	1.8	SRCGP11	OFF_SITE
553840.00	4180560.00	4.30E-01	1.8	SRCGP11	OFF_SITE
553840.00	4180580.00	4.67E-01	1.8	SRCGP11	OFF_SITE
553840.00	4180620.00	5.56E-01	1.8	SRCGP11	OFF_SITE
553840.00	4180640.00	6.10E-01	1.8	SRCGP11	OFF_SITE
553840.00	4180660.00	6.73E-01	1.8	SRCGP11	OFF_SITE
553840.00	4180680.00	7.45E-01	1.8	SRCGP11	OFF_SITE
553840.00	4180720.00	9.29E-01	1.8	SRCGP11	OFF_SITE
553840.00	4180740.00	1.05E+00	1.8	SRCGP11	OFF_SITE
553840.00	4180760.00	1.19E+00	1.8	SRCGP11	OFF_SITE
553840.00	4180780.00	1.35E+00	1.8	SRCGP11	OFF_SITE
553860.00	4180520.00	3.70E-01	1.8	SRCGP11	OFF_SITE
553860.00	4180540.00	3.99E-01	1.8	SRCGP11	OFF_SITE
553860.00	4180560.00	4.32E-01	1.8	SRCGP11	OFF_SITE
553860.00	4180580.00	4.69E-01	1.8	SRCGP11	OFF_SITE
553860.00	4180620.00	5.60E-01	1.8	SRCGP11	OFF_SITE
553860.00	4180640.00	6.16E-01	1.8	SRCGP11	OFF_SITE
553860.00	4180660.00	6.81E-01	1.8	SRCGP11	OFF_SITE
553860.00	4180680.00	7.56E-01	1.8	SRCGP11	OFF_SITE
553860.00	4180720.00	9.48E-01	1.8	SRCGP11	OFF_SITE

553860.00	4180740.00	1.07E+00	1.8	SRCGP11	OFF_SITE
553860.00	4180760.00	1.22E+00	1.8	SRCGP11	OFF_SITE
553860.00	4180780.00	1.40E+00	1.8	SRCGP11	OFF_SITE
553880.00	4180520.00	3.71E-01	1.8	SRCGP11	OFF_SITE
553880.00	4180540.00	4.00E-01	1.8	SRCGP11	OFF_SITE
553880.00	4180560.00	4.34E-01	1.8	SRCGP11	OFF_SITE
553880.00	4180580.00	4.71E-01	1.8	SRCGP11	OFF_SITE
553880.00	4180620.00	5.64E-01	1.8	SRCGP11	OFF_SITE
553880.00	4180640.00	6.20E-01	1.8	SRCGP11	OFF_SITE
553880.00	4180660.00	6.86E-01	1.8	SRCGP11	OFF_SITE
553880.00	4180680.00	7.63E-01	1.8	SRCGP11	OFF_SITE
553880.00	4180720.00	9.62E-01	1.8	SRCGP11	OFF_SITE
553880.00	4180740.00	1.09E+00	1.8	SRCGP11	OFF_SITE
553880.00	4180760.00	1.25E+00	1.8	SRCGP11	OFF_SITE
553880.00	4180780.00	1.44E+00	1.8	SRCGP11	OFF_SITE
553900.00	4180520.00	3.71E-01	1.8	SRCGP11	OFF_SITE
553900.00	4180540.00	4.01E-01	1.8	SRCGP11	OFF_SITE
553900.00	4180560.00	4.34E-01	1.8	SRCGP11	OFF_SITE
553900.00	4180580.00	4.72E-01	1.8	SRCGP11	OFF_SITE
553900.00	4180620.00	5.66E-01	1.8	SRCGP11	OFF_SITE
553900.00	4180640.00	6.23E-01	1.8	SRCGP11	OFF_SITE
553900.00	4180660.00	6.90E-01	1.8	SRCGP11	OFF_SITE
553900.00	4180680.00	7.69E-01	1.8	SRCGP11	OFF_SITE
553900.00	4180720.00	9.73E-01	1.8	SRCGP11	OFF_SITE
553900.00	4180740.00	1.11E+00	1.8	SRCGP11	OFF_SITE
553900.00	4180760.00	1.27E+00	1.8	SRCGP11	OFF_SITE
553900.00	4180780.00	1.47E+00	1.8	SRCGP11	OFF_SITE
553920.00	4180520.00	3.70E-01	1.8	SRCGP11	OFF_SITE
553920.00	4180540.00	4.00E-01	1.8	SRCGP11	OFF_SITE
553920.00	4180560.00	4.34E-01	1.8	SRCGP11	OFF_SITE
553920.00	4180580.00	4.72E-01	1.8	SRCGP11	OFF_SITE
553920.00	4180620.00	5.66E-01	1.8	SRCGP11	OFF_SITE
553920.00	4180640.00	6.24E-01	1.8	SRCGP11	OFF_SITE
553920.00	4180660.00	6.92E-01	1.8	SRCGP11	OFF_SITE
553920.00	4180680.00	7.72E-01	1.8	SRCGP11	OFF_SITE
553920.00	4180720.00	9.79E-01	1.8	SRCGP11	OFF_SITE
553920.00	4180740.00	1.12E+00	1.8	SRCGP11	OFF_SITE
553920.00	4180760.00	1.28E+00	1.8	SRCGP11	OFF_SITE
553920.00	4180780.00	1.49E+00	1.8	SRCGP11	OFF_SITE
553940.00	4180520.00	3.69E-01	1.8	SRCGP11	OFF_SITE
553940.00	4180540.00	3.99E-01	1.8	SRCGP11	OFF_SITE
553940.00	4180560.00	4.33E-01	1.8	SRCGP11	OFF_SITE
553940.00	4180580.00	4.71E-01	1.8	SRCGP11	OFF_SITE
553940.00	4180620.00	5.65E-01	1.8	SRCGP11	OFF_SITE
553940.00	4180640.00	6.24E-01	1.8	SRCGP11	OFF_SITE
553940.00	4180660.00	6.92E-01	1.8	SRCGP11	OFF_SITE
553940.00	4180680.00	7.72E-01	1.8	SRCGP11	OFF_SITE

553940.00	4180720.00	9.81E-01	1.8	SRCGP11	OFF_SITE
553940.00	4180740.00	1.12E+00	1.8	SRCGP11	OFF_SITE
553940.00	4180760.00	1.29E+00	1.8	SRCGP11	OFF_SITE
553940.00	4180780.00	1.50E+00	1.8	SRCGP11	OFF_SITE
553960.00	4180520.00	3.67E-01	1.8	SRCGP11	OFF_SITE
553960.00	4180540.00	3.97E-01	1.8	SRCGP11	OFF_SITE
553960.00	4180560.00	4.31E-01	1.8	SRCGP11	OFF_SITE
553960.00	4180580.00	4.69E-01	1.8	SRCGP11	OFF_SITE
553960.00	4180620.00	5.63E-01	1.8	SRCGP11	OFF_SITE
553960.00	4180640.00	6.21E-01	1.8	SRCGP11	OFF_SITE
553960.00	4180660.00	6.89E-01	1.8	SRCGP11	OFF_SITE
553960.00	4180680.00	7.69E-01	1.8	SRCGP11	OFF_SITE
553960.00	4180720.00	9.79E-01	1.8	SRCGP11	OFF_SITE
553960.00	4180740.00	1.12E+00	1.8	SRCGP11	OFF_SITE
553960.00	4180760.00	1.29E+00	1.8	SRCGP11	OFF_SITE
553980.00	4180520.00	3.64E-01	1.8	SRCGP11	OFF_SITE
553980.00	4180540.00	3.94E-01	1.8	SRCGP11	OFF_SITE
553980.00	4180560.00	4.27E-01	1.8	SRCGP11	OFF_SITE
553980.00	4180580.00	4.65E-01	1.8	SRCGP11	OFF_SITE
553980.00	4180620.00	5.59E-01	1.8	SRCGP11	OFF_SITE
553980.00	4180640.00	6.16E-01	1.8	SRCGP11	OFF_SITE
553980.00	4180660.00	6.84E-01	1.8	SRCGP11	OFF_SITE
553980.00	4180680.00	7.64E-01	1.8	SRCGP11	OFF_SITE
553560.00	4181180.00	4.27E-01	1.8	SRCGP11	OFF_SITE
553920.00	4180660.00	6.92E-01	1.8	SRCGP11	OFF_SITE
553700.00	4180920.00	1.25E+00	1.8	SRCGP11	OFF_SITE
553560.00	4180920.00	6.24E-01	1.8	SRCGP11	OFF_SITE
553680.00	4181060.00	8.98E-01	1.8	SRCGP11	OFF_SITE
553760.00	4181080.00	1.35E+00	1.8	SRCGP11	R_A1_BA
553780.00	4181080.00	1.54E+00	1.8	SRCGP11	R_A1_BA
553760.00	4181100.00	1.27E+00	1.8	SRCGP11	R_A1_BA
553780.00	4181100.00	1.43E+00	1.8	SRCGP11	R_A1_BA
553760.00	4181120.00	1.18E+00	1.8	SRCGP11	R_A1_BA
553780.00	4181120.00	1.33E+00	1.8	SRCGP11	R_A1_BA
553760.00	4181140.00	1.11E+00	1.8	SRCGP11	R_A1_BA
553780.00	4181140.00	1.23E+00	1.8	SRCGP11	R_A1_BA
553760.00	4181000.00	1.70E+00	1.8	SRCGP11	R_A1_BB
553780.00	4181000.00	1.98E+00	1.8	SRCGP11	R_A1_BB
553760.00	4181020.00	1.62E+00	1.8	SRCGP11	R_A1_BB
553780.00	4181020.00	1.88E+00	1.8	SRCGP11	R_A1_BB
553760.00	4181040.00	1.53E+00	1.8	SRCGP11	R_A1_BB
553780.00	4181040.00	1.76E+00	1.8	SRCGP11	R_A1_BB
553780.00	4181060.00	1.65E+00	1.8	SRCGP11	R_A1_BB
553760.00	4180900.00	1.79E+00	1.8	SRCGP11	R_A1_BC
553780.00	4180900.00	2.04E+00	1.8	SRCGP11	R_A1_BC
553760.00	4180920.00	1.84E+00	1.8	SRCGP11	R_A1_BC
553780.00	4180920.00	2.12E+00	1.8	SRCGP11	R_A1_BC

553760.00	4180940.00	1.85E+00	1.8	SRCGP11	R_A1_BC
553780.00	4180940.00	2.14E+00	1.8	SRCGP11	R_A1_BC
553760.00	4180960.00	1.82E+00	1.8	SRCGP11	R_A1_BC
553780.00	4180960.00	2.13E+00	1.8	SRCGP11	R_A1_BC
553760.00	4180820.00	1.36E+00	1.8	SRCGP11	R_A1_BD1
553780.00	4180820.00	1.46E+00	1.8	SRCGP11	R_A1_BD1
553760.00	4180840.00	1.49E+00	1.8	SRCGP11	R_A1_BD1
553780.00	4180840.00	1.62E+00	1.8	SRCGP11	R_A1_BD1
553760.00	4180860.00	1.61E+00	1.8	SRCGP11	R_A1_BD1
553780.00	4180860.00	1.78E+00	1.8	SRCGP11	R_A1_BD1
553760.00	4180880.00	1.71E+00	1.8	SRCGP11	R_A1_BD1
553800.00	4180820.00	1.57E+00	1.8	SRCGP11	R_A1_BD2
553820.00	4180820.00	1.67E+00	1.8	SRCGP11	R_A1_BD2
553840.00	4180820.00	1.78E+00	1.8	SRCGP11	R_A1_BD2
553860.00	4180820.00	1.87E+00	1.8	SRCGP11	R_A1_BD2
553880.00	4180820.00	1.96E+00	1.8	SRCGP11	R_A1_BD2
553800.00	4180840.00	1.76E+00	1.8	SRCGP11	R_A1_BD2
553820.00	4180840.00	1.91E+00	1.8	SRCGP11	R_A1_BD2
553840.00	4180840.00	2.05E+00	1.8	SRCGP11	R_A1_BD2
553860.00	4180840.00	2.19E+00	1.8	SRCGP11	R_A1_BD2
553880.00	4180840.00	2.32E+00	1.8	SRCGP11	R_A1_BD2
553800.00	4180860.00	1.96E+00	1.8	SRCGP11	R_A1_BD2
553820.00	4180860.00	2.16E+00	1.8	SRCGP11	R_A1_BD2
553840.00	4180860.00	2.36E+00	1.8	SRCGP11	R_A1_BD2
553860.00	4180860.00	2.57E+00	1.8	SRCGP11	R_A1_BD2
553880.00	4180860.00	2.77E+00	1.8	SRCGP11	R_A1_BD2
553780.00	4180880.00	1.92E+00	1.8	SRCGP11	R_A1_BD2
553800.00	4180880.00	2.16E+00	1.8	SRCGP11	R_A1_BD2
553820.00	4180880.00	2.42E+00	1.8	SRCGP11	R_A1_BD2
553840.00	4180880.00	2.71E+00	1.8	SRCGP11	R_A1_BD2
553860.00	4180880.00	3.01E+00	1.8	SRCGP11	R_A1_BD2
553820.00	4181100.00	1.87E+00	1.8	SRCGP11	R_A2_BG
553840.00	4181100.00	2.16E+00	1.8	SRCGP11	R_A2_BG
553860.00	4181100.00	2.51E+00	1.8	SRCGP11	R_A2_BG
553820.00	4181120.00	1.70E+00	1.8	SRCGP11	R_A2_BG
553840.00	4181120.00	1.94E+00	1.8	SRCGP11	R_A2_BG
553860.00	4181120.00	2.23E+00	1.8	SRCGP11	R_A2_BG
553900.00	4181100.00	3.45E+00	1.8	SRCGP11	R_A2_BK
553920.00	4181100.00	4.05E+00	1.8	SRCGP11	R_A2_BK
553900.00	4181120.00	2.93E+00	1.8	SRCGP11	R_A2_BK
553920.00	4181120.00	3.35E+00	1.8	SRCGP11	R_A2_BK
553860.00	4181140.00	1.97E+00	1.8	SRCGP11	R_A2_PK
553880.00	4181140.00	2.21E+00	1.8	SRCGP11	R_A2_PK
553900.00	4181140.00	2.49E+00	1.8	SRCGP11	R_A2_PK
553920.00	4181140.00	2.78E+00	1.8	SRCGP11	R_A2_PK
553800.00	4181160.00	1.26E+00	1.8	SRCGP11	R_A2_PK
553820.00	4181160.00	1.40E+00	1.8	SRCGP11	R_A2_PK

553840.00	4181160.00	1.56E+00	1.8	SRCGP11	R_A2_PK
553860.00	4181160.00	1.73E+00	1.8	SRCGP11	R_A2_PK
553880.00	4181160.00	1.92E+00	1.8	SRCGP11	R_A2_PK
553900.00	4181160.00	2.12E+00	1.8	SRCGP11	R_A2_PK
553920.00	4181160.00	2.33E+00	1.8	SRCGP11	R_A2_PK
553740.00	4181180.00	8.74E-01	1.8	SRCGP11	R_A2_PK
553760.00	4181180.00	9.57E-01	1.8	SRCGP11	R_A2_PK
553780.00	4181180.00	1.05E+00	1.8	SRCGP11	R_A2_PK
553800.00	4181180.00	1.15E+00	1.8	SRCGP11	R_A2_PK
553820.00	4181180.00	1.27E+00	1.8	SRCGP11	R_A2_PK
553840.00	4181180.00	1.40E+00	1.8	SRCGP11	R_A2_PK
553860.00	4181180.00	1.53E+00	1.8	SRCGP11	R_A2_PK
553880.00	4181180.00	1.67E+00	1.8	SRCGP11	R_A2_PK
553900.00	4181180.00	1.82E+00	1.8	SRCGP11	R_A2_PK
553920.00	4181180.00	1.96E+00	1.8	SRCGP11	R_A2_PK
553740.00	4181200.00	8.16E-01	1.8	SRCGP11	R_A2_PK
553760.00	4181200.00	8.88E-01	1.8	SRCGP11	R_A2_PK
553780.00	4181200.00	9.68E-01	1.8	SRCGP11	R_A2_PK
553800.00	4181200.00	1.05E+00	1.8	SRCGP11	R_A2_PK
553820.00	4181200.00	1.15E+00	1.8	SRCGP11	R_A2_PK
553840.00	4181200.00	1.25E+00	1.8	SRCGP11	R_A2_PK
553860.00	4181200.00	1.35E+00	1.8	SRCGP11	R_A2_PK
553880.00	4181200.00	1.46E+00	1.8	SRCGP11	R_A2_PK
553900.00	4181200.00	1.57E+00	1.8	SRCGP11	R_A2_PK
553920.00	4181200.00	1.67E+00	1.8	SRCGP11	R_A2_PK
553840.00	4180920.00	3.36E+00	1.8	SRCGP11	R_A3_BE
553860.00	4180920.00	3.95E+00	1.8	SRCGP11	R_A3_BE
553820.00	4180940.00	2.98E+00	1.8	SRCGP11	R_A3_BE
553840.00	4180940.00	3.57E+00	1.8	SRCGP11	R_A3_BE
553860.00	4180940.00	4.31E+00	1.8	SRCGP11	R_A3_BE
553820.00	4181040.00	2.43E+00	1.8	SRCGP11	R_A3_BF
553840.00	4181040.00	2.91E+00	1.8	SRCGP11	R_A3_BF
553860.00	4181040.00	3.54E+00	1.8	SRCGP11	R_A3_BF
553820.00	4181060.00	2.23E+00	1.8	SRCGP11	R_A3_BF
553840.00	4181060.00	2.65E+00	1.8	SRCGP11	R_A3_BF
553860.00	4181060.00	3.17E+00	1.8	SRCGP11	R_A3_BF
553800.00	4180960.00	2.51E+00	1.8	SRCGP11	R_A3_SQ
553820.00	4180960.00	3.00E+00	1.8	SRCGP11	R_A3_SQ
553840.00	4180960.00	3.64E+00	1.8	SRCGP11	R_A3_SQ
553860.00	4180960.00	4.49E+00	1.8	SRCGP11	R_A3_SQ
553800.00	4180980.00	2.44E+00	1.8	SRCGP11	R_A3_SQ
553820.00	4180980.00	2.93E+00	1.8	SRCGP11	R_A3_SQ
553840.00	4180980.00	3.57E+00	1.8	SRCGP11	R_A3_SQ
553860.00	4180980.00	4.45E+00	1.8	SRCGP11	R_A3_SQ
553800.00	4181000.00	2.34E+00	1.8	SRCGP11	R_A3_SQ
553820.00	4181000.00	2.79E+00	1.8	SRCGP11	R_A3_SQ
553840.00	4181000.00	3.40E+00	1.8	SRCGP11	R_A3_SQ

553860.00	4181000.00	4.23E+00	1.8	SRCGP11	R_A3_SQ
553800.00	4181020.00	2.20E+00	1.8	SRCGP11	R_A3_SQ
553820.00	4181020.00	2.62E+00	1.8	SRCGP11	R_A3_SQ
553840.00	4181020.00	3.17E+00	1.8	SRCGP11	R_A3_SQ
553860.00	4181020.00	3.90E+00	1.8	SRCGP11	R_A3_SQ
553900.00	4180920.00	5.42E+00	1.8	SRCGP11	R_A4_BI
553920.00	4180920.00	6.22E+00	1.8	SRCGP11	R_A4_BI
553900.00	4180940.00	6.41E+00	1.8	SRCGP11	R_A4_BI
553920.00	4180940.00	7.77E+00	1.8	SRCGP11	R_A4_BI
553900.00	4180960.00	7.16E+00	1.8	SRCGP11	R_A4_BI
553920.00	4180960.00	9.20E+00	1.8	SRCGP11	R_A4_BI
553900.00	4181000.00	7.05E+00	1.8	SRCGP11	R_A4_BJ
553920.00	4181000.00	9.54E+00	1.8	SRCGP11	R_A4_BJ
553900.00	4181020.00	6.35E+00	1.8	SRCGP11	R_A4_BJ
553920.00	4181020.00	8.46E+00	1.8	SRCGP11	R_A4_BJ
553900.00	4181040.00	5.54E+00	1.8	SRCGP11	R_A4_BJ
553920.00	4181040.00	7.16E+00	1.8	SRCGP11	R_A4_BJ
553900.00	4181060.00	4.76E+00	1.8	SRCGP11	R_A4_BJ
553920.00	4181060.00	5.95E+00	1.8	SRCGP11	R_A4_BJ
553900.00	4181000.00	7.05E+00	1.8	SRCGP11	R_A4_BJ
553920.00	4181000.00	9.54E+00	1.8	SRCGP11	R_A4_BJ
553900.00	4180980.00	7.38E+00	1.8	SRCGP11	R_A4_CL
553920.00	4180980.00	9.89E+00	1.8	SRCGP11	R_A4_CL
553940.00	4180980.00	1.35E+01	1.8	SRCGP11	R_A4_CL
553880.00	4181000.00	5.38E+00	1.8	SRCGP11	R_A4_CL
553940.00	4181000.00	1.34E+01	1.8	SRCGP11	R_A4_CL
553940.00	4181080.00	5.94E+00	1.8	SRCGP11	R_A4_CL
553880.00	4180980.00	5.66E+00	1.8	SRCGP11	R_A4_CL
553600.00	4181380.00	3.21E-01	1.8	SRCGP11	R_ATT
553600.00	4181400.00	3.06E-01	1.8	SRCGP11	R_ATT
553620.00	4181340.00	3.70E-01	1.8	SRCGP11	R_ATT
553620.00	4181360.00	3.52E-01	1.8	SRCGP11	R_ATT
553620.00	4181380.00	3.35E-01	1.8	SRCGP11	R_ATT
553620.00	4181400.00	3.19E-01	1.8	SRCGP11	R_ATT
553620.00	4181420.00	3.04E-01	1.8	SRCGP11	R_ATT
553640.00	4181340.00	3.89E-01	1.8	SRCGP11	R_ATT
553640.00	4181320.00	4.09E-01	1.8	SRCGP11	R_ATT
553640.00	4181360.00	3.69E-01	1.8	SRCGP11	R_ATT
553640.00	4181380.00	3.51E-01	1.8	SRCGP11	R_ATT
553640.00	4181400.00	3.33E-01	1.8	SRCGP11	R_ATT
553640.00	4181420.00	3.16E-01	1.8	SRCGP11	R_ATT
553640.00	4181440.00	3.00E-01	1.8	SRCGP11	R_ATT
553660.00	4181320.00	4.32E-01	1.8	SRCGP11	R_ATT
553660.00	4181340.00	4.09E-01	1.8	SRCGP11	R_ATT
553660.00	4181360.00	3.87E-01	1.8	SRCGP11	R_ATT
553660.00	4181380.00	3.67E-01	1.8	SRCGP11	R_ATT
553660.00	4181400.00	3.47E-01	1.8	SRCGP11	R_ATT

553660.00	4181420.00	3.29E-01	1.8	SRCGP11	R_ATT
553660.00	4181440.00	3.11E-01	1.8	SRCGP11	R_ATT
553660.00	4181460.00	2.95E-01	1.8	SRCGP11	R_ATT
553680.00	4181360.00	4.06E-01	1.8	SRCGP11	R_ATT
553680.00	4181380.00	3.83E-01	1.8	SRCGP11	R_ATT
553680.00	4181400.00	3.62E-01	1.8	SRCGP11	R_ATT
553680.00	4181420.00	3.41E-01	1.8	SRCGP11	R_ATT
553680.00	4181440.00	3.22E-01	1.8	SRCGP11	R_ATT
553680.00	4181460.00	3.05E-01	1.8	SRCGP11	R_ATT
553680.00	4181480.00	2.88E-01	1.8	SRCGP11	R_ATT
553680.00	4181340.00	4.30E-01	1.8	SRCGP11	R_ATT
553680.00	4181320.00	4.56E-01	1.8	SRCGP11	R_ATT
553700.00	4181360.00	4.25E-01	1.8	SRCGP11	R_ATT
553700.00	4181380.00	4.00E-01	1.8	SRCGP11	R_ATT
553700.00	4181400.00	3.76E-01	1.8	SRCGP11	R_ATT
553700.00	4181420.00	3.54E-01	1.8	SRCGP11	R_ATT
553700.00	4181440.00	3.33E-01	1.8	SRCGP11	R_ATT
553700.00	4181460.00	3.14E-01	1.8	SRCGP11	R_ATT
553700.00	4181480.00	2.97E-01	1.8	SRCGP11	R_ATT
553700.00	4181500.00	2.80E-01	1.8	SRCGP11	R_ATT
553700.00	4181340.00	4.52E-01	1.8	SRCGP11	R_ATT
553700.00	4181320.00	4.81E-01	1.8	SRCGP11	R_ATT
553720.00	4181360.00	4.45E-01	1.8	SRCGP11	R_ATT
553720.00	4181380.00	4.17E-01	1.8	SRCGP11	R_ATT
553720.00	4181400.00	3.91E-01	1.8	SRCGP11	R_ATT
553720.00	4181420.00	3.67E-01	1.8	SRCGP11	R_ATT
553720.00	4181440.00	3.44E-01	1.8	SRCGP11	R_ATT
553720.00	4181460.00	3.24E-01	1.8	SRCGP11	R_ATT
553720.00	4181480.00	3.05E-01	1.8	SRCGP11	R_ATT
553720.00	4181500.00	2.87E-01	1.8	SRCGP11	R_ATT
553720.00	4181520.00	2.71E-01	1.8	SRCGP11	R_ATT
553720.00	4181340.00	4.75E-01	1.8	SRCGP11	R_ATT
553720.00	4181320.00	5.07E-01	1.8	SRCGP11	R_ATT
553740.00	4181360.00	4.64E-01	1.8	SRCGP11	R_ATT
553740.00	4181380.00	4.34E-01	1.8	SRCGP11	R_ATT
553740.00	4181400.00	4.05E-01	1.8	SRCGP11	R_ATT
553740.00	4181420.00	3.79E-01	1.8	SRCGP11	R_ATT
553740.00	4181440.00	3.55E-01	1.8	SRCGP11	R_ATT
553740.00	4181460.00	3.33E-01	1.8	SRCGP11	R_ATT
553740.00	4181480.00	3.13E-01	1.8	SRCGP11	R_ATT
553740.00	4181500.00	2.94E-01	1.8	SRCGP11	R_ATT
553740.00	4181520.00	2.77E-01	1.8	SRCGP11	R_ATT
553740.00	4181340.00	4.98E-01	1.8	SRCGP11	R_ATT
553740.00	4181320.00	5.34E-01	1.8	SRCGP11	R_ATT
553760.00	4181360.00	4.84E-01	1.8	SRCGP11	R_ATT
553760.00	4181380.00	4.50E-01	1.8	SRCGP11	R_ATT
553760.00	4181400.00	4.19E-01	1.8	SRCGP11	R_ATT

553760.00	4181420.00	3.91E-01	1.8	SRCGP11	R_ATT
553760.00	4181440.00	3.65E-01	1.8	SRCGP11	R_ATT
553760.00	4181460.00	3.42E-01	1.8	SRCGP11	R_ATT
553760.00	4181480.00	3.20E-01	1.8	SRCGP11	R_ATT
553760.00	4181500.00	3.01E-01	1.8	SRCGP11	R_ATT
553760.00	4181520.00	2.83E-01	1.8	SRCGP11	R_ATT
553760.00	4181340.00	5.21E-01	1.8	SRCGP11	R_ATT
553760.00	4181320.00	5.62E-01	1.8	SRCGP11	R_ATT
553780.00	4181360.00	5.04E-01	1.8	SRCGP11	R_ATT
553780.00	4181380.00	4.67E-01	1.8	SRCGP11	R_ATT
553780.00	4181400.00	4.33E-01	1.8	SRCGP11	R_ATT
553780.00	4181420.00	4.03E-01	1.8	SRCGP11	R_ATT
553780.00	4181440.00	3.75E-01	1.8	SRCGP11	R_ATT
553780.00	4181460.00	3.50E-01	1.8	SRCGP11	R_ATT
553780.00	4181480.00	3.28E-01	1.8	SRCGP11	R_ATT
553780.00	4181500.00	3.07E-01	1.8	SRCGP11	R_ATT
553780.00	4181520.00	2.88E-01	1.8	SRCGP11	R_ATT
553780.00	4181340.00	5.45E-01	1.8	SRCGP11	R_ATT
553800.00	4181360.00	5.23E-01	1.8	SRCGP11	R_ATT
553800.00	4181380.00	4.83E-01	1.8	SRCGP11	R_ATT
553800.00	4181400.00	4.47E-01	1.8	SRCGP11	R_ATT
553800.00	4181420.00	4.14E-01	1.8	SRCGP11	R_ATT
553800.00	4181440.00	3.85E-01	1.8	SRCGP11	R_ATT
553800.00	4181460.00	3.58E-01	1.8	SRCGP11	R_ATT
553800.00	4181480.00	3.34E-01	1.8	SRCGP11	R_ATT
553800.00	4181500.00	3.13E-01	1.8	SRCGP11	R_ATT
553800.00	4181520.00	2.93E-01	1.8	SRCGP11	R_ATT
553820.00	4181360.00	5.41E-01	1.8	SRCGP11	R_ATT
553820.00	4181380.00	4.98E-01	1.8	SRCGP11	R_ATT
553820.00	4181400.00	4.59E-01	1.8	SRCGP11	R_ATT
553820.00	4181420.00	4.25E-01	1.8	SRCGP11	R_ATT
553820.00	4181440.00	3.94E-01	1.8	SRCGP11	R_ATT
553820.00	4181460.00	3.66E-01	1.8	SRCGP11	R_ATT
553820.00	4181480.00	3.41E-01	1.8	SRCGP11	R_ATT
553820.00	4181500.00	3.18E-01	1.8	SRCGP11	R_ATT
553820.00	4181520.00	2.97E-01	1.8	SRCGP11	R_ATT
553840.00	4181360.00	5.59E-01	1.8	SRCGP11	R_ATT
553840.00	4181380.00	5.12E-01	1.8	SRCGP11	R_ATT
553840.00	4181400.00	4.71E-01	1.8	SRCGP11	R_ATT
553840.00	4181420.00	4.34E-01	1.8	SRCGP11	R_ATT
553840.00	4181440.00	4.02E-01	1.8	SRCGP11	R_ATT
553840.00	4181460.00	3.73E-01	1.8	SRCGP11	R_ATT
553840.00	4181480.00	3.46E-01	1.8	SRCGP11	R_ATT
553840.00	4181500.00	3.23E-01	1.8	SRCGP11	R_ATT
553840.00	4181520.00	3.02E-01	1.8	SRCGP11	R_ATT
553920.00	4180820.00	2.09E+00	1.8	SRCGP11	R_B4_BH
553940.00	4180820.00	2.12E+00	1.8	SRCGP11	R_B4_BH



553920.00	4180840.00	2.52E+00	1.8	SRCGP11	R_B4_BH
553940.00	4180840.00	2.58E+00	1.8	SRCGP11	R_B4_BH
553900.00	4180860.00	2.95E+00	1.8	SRCGP11	R_B4_BH
553920.00	4180860.00	3.09E+00	1.8	SRCGP11	R_B4_BH
553940.00	4180860.00	3.20E+00	1.8	SRCGP11	R_B4_BH
553900.00	4180880.00	3.61E+00	1.8	SRCGP11	R_B4_BH
553920.00	4180880.00	3.86E+00	1.8	SRCGP11	R_B4_BH
553960.00	4181040.00	1.23E+01	1.8	SRCGP11	R_PIER48
553980.00	4181040.00	1.48E+01	1.8	SRCGP11	R_PIER48
554000.00	4181040.00	1.40E+01	1.8	SRCGP11	R_PIER48
553960.00	4181060.00	9.35E+00	1.8	SRCGP11	R_PIER48
553980.00	4181060.00	1.12E+01	1.8	SRCGP11	R_PIER48
554000.00	4181060.00	1.23E+01	1.8	SRCGP11	R_PIER48
554020.00	4181060.00	1.24E+01	1.8	SRCGP11	R_PIER48
554040.00	4181060.00	1.37E+01	1.8	SRCGP11	R_PIER48
554060.00	4181060.00	1.60E+01	1.8	SRCGP11	R_PIER48
554080.00	4181060.00	1.65E+01	1.8	SRCGP11	R_PIER48
554100.00	4181060.00	1.48E+01	1.8	SRCGP11	R_PIER48
554120.00	4181060.00	1.24E+01	1.8	SRCGP11	R_PIER48
554140.00	4181060.00	1.02E+01	1.8	SRCGP11	R_PIER48
554160.00	4181060.00	8.34E+00	1.8	SRCGP11	R_PIER48
553960.00	4181080.00	7.10E+00	1.8	SRCGP11	R_PIER48
553980.00	4181080.00	8.22E+00	1.8	SRCGP11	R_PIER48
554000.00	4181080.00	9.05E+00	1.8	SRCGP11	R_PIER48
554020.00	4181080.00	9.56E+00	1.8	SRCGP11	R_PIER48
554040.00	4181080.00	1.02E+01	1.8	SRCGP11	R_PIER48
554060.00	4181080.00	1.11E+01	1.8	SRCGP11	R_PIER48
554080.00	4181080.00	1.13E+01	1.8	SRCGP11	R_PIER48
554100.00	4181080.00	1.07E+01	1.8	SRCGP11	R_PIER48
554120.00	4181080.00	9.52E+00	1.8	SRCGP11	R_PIER48
554140.00	4181080.00	8.22E+00	1.8	SRCGP11	R_PIER48
554160.00	4181080.00	7.02E+00	1.8	SRCGP11	R_PIER48
553960.00	4181100.00	5.43E+00	1.8	SRCGP11	R_PIER48
553980.00	4181100.00	6.07E+00	1.8	SRCGP11	R_PIER48
554000.00	4181100.00	6.55E+00	1.8	SRCGP11	R_PIER48
554020.00	4181100.00	6.87E+00	1.8	SRCGP11	R_PIER48
554040.00	4181100.00	7.22E+00	1.8	SRCGP11	R_PIER48
554060.00	4181100.00	7.63E+00	1.8	SRCGP11	R_PIER48
554080.00	4181100.00	7.85E+00	1.8	SRCGP11	R_PIER48
554100.00	4181100.00	7.69E+00	1.8	SRCGP11	R_PIER48
554120.00	4181100.00	7.19E+00	1.8	SRCGP11	R_PIER48
554140.00	4181100.00	6.50E+00	1.8	SRCGP11	R_PIER48
554160.00	4181100.00	5.77E+00	1.8	SRCGP11	R_PIER48
553960.00	4181120.00	4.22E+00	1.8	SRCGP11	R_PIER48
553980.00	4181120.00	4.59E+00	1.8	SRCGP11	R_PIER48
554000.00	4181120.00	4.86E+00	1.8	SRCGP11	R_PIER48
554020.00	4181120.00	5.05E+00	1.8	SRCGP11	R_PIER48

554040.00	4181120.00	5.24E+00	1.8	SRCGP11	R_PIER48
554060.00	4181120.00	5.46E+00	1.8	SRCGP11	R_PIER48
554080.00	4181120.00	5.62E+00	1.8	SRCGP11	R_PIER48
554100.00	4181120.00	5.63E+00	1.8	SRCGP11	R_PIER48
554120.00	4181120.00	5.45E+00	1.8	SRCGP11	R_PIER48
554140.00	4181120.00	5.11E+00	1.8	SRCGP11	R_PIER48
553940.00	4181140.00	3.07E+00	1.8	SRCGP11	R_PIER48
553960.00	4181140.00	3.34E+00	1.8	SRCGP11	R_PIER48
553980.00	4181140.00	3.56E+00	1.8	SRCGP11	R_PIER48
554000.00	4181140.00	3.72E+00	1.8	SRCGP11	R_PIER48
554020.00	4181140.00	3.83E+00	1.8	SRCGP11	R_PIER48
554040.00	4181140.00	3.94E+00	1.8	SRCGP11	R_PIER48
554060.00	4181140.00	4.07E+00	1.8	SRCGP11	R_PIER48
554080.00	4181140.00	4.18E+00	1.8	SRCGP11	R_PIER48
554100.00	4181140.00	4.23E+00	1.8	SRCGP11	R_PIER48
554120.00	4181140.00	4.18E+00	1.8	SRCGP11	R_PIER48
554140.00	4181140.00	4.03E+00	1.8	SRCGP11	R_PIER48
554040.00	4181160.00	3.07E+00	1.8	SRCGP11	R_PIER48
554060.00	4181160.00	3.14E+00	1.8	SRCGP11	R_PIER48
554080.00	4181160.00	3.22E+00	1.8	SRCGP11	R_PIER48
554100.00	4181160.00	3.27E+00	1.8	SRCGP11	R_PIER48
554120.00	4181160.00	3.27E+00	1.8	SRCGP11	R_PIER48
554140.00	4181160.00	3.21E+00	1.8	SRCGP11	R_PIER48
553980.00	4180780.00	1.49E+00	1.8	SRCGP11	R_PIER50
553980.00	4180800.00	1.77E+00	1.8	SRCGP11	R_PIER50
553980.00	4180820.00	2.12E+00	1.8	SRCGP11	R_PIER50
553980.00	4180840.00	2.59E+00	1.8	SRCGP11	R_PIER50
553980.00	4180860.00	3.24E+00	1.8	SRCGP11	R_PIER50
553980.00	4180880.00	4.16E+00	1.8	SRCGP11	R_PIER50
553980.00	4180900.00	5.52E+00	1.8	SRCGP11	R_PIER50
553980.00	4180920.00	7.63E+00	1.8	SRCGP11	R_PIER50
553980.00	4180940.00	1.10E+01	1.8	SRCGP11	R_PIER50
553980.00	4180960.00	1.62E+01	1.8	SRCGP11	R_PIER50
554000.00	4180720.00	9.61E-01	1.8	SRCGP11	R_PIER50
554000.00	4180740.00	1.10E+00	1.8	SRCGP11	R_PIER50
554000.00	4180760.00	1.27E+00	1.8	SRCGP11	R_PIER50
554000.00	4180780.00	1.48E+00	1.8	SRCGP11	R_PIER50
554000.00	4180800.00	1.74E+00	1.8	SRCGP11	R_PIER50
554000.00	4180820.00	2.09E+00	1.8	SRCGP11	R_PIER50
554000.00	4180840.00	2.56E+00	1.8	SRCGP11	R_PIER50
554000.00	4180860.00	3.19E+00	1.8	SRCGP11	R_PIER50
554000.00	4180880.00	4.09E+00	1.8	SRCGP11	R_PIER50
554000.00	4180900.00	5.42E+00	1.8	SRCGP11	R_PIER50
554000.00	4180920.00	7.45E+00	1.8	SRCGP11	R_PIER50
554000.00	4180940.00	1.06E+01	1.8	SRCGP11	R_PIER50
554000.00	4180960.00	1.54E+01	1.8	SRCGP11	R_PIER50
554020.00	4180840.00	2.49E+00	1.8	SRCGP11	R_PIER50

554020.00	4180860.00	3.10E+00	1.8	SRCGP11	R_PIER50
554020.00	4180880.00	3.96E+00	1.8	SRCGP11	R_PIER50
554020.00	4180900.00	5.21E+00	1.8	SRCGP11	R_PIER50
554020.00	4180920.00	7.08E+00	1.8	SRCGP11	R_PIER50
554020.00	4180940.00	9.84E+00	1.8	SRCGP11	R_PIER50
554020.00	4180960.00	1.30E+01	1.8	SRCGP11	R_PIER50
554040.00	4180840.00	2.39E+00	1.8	SRCGP11	R_PIER50
554040.00	4180860.00	2.97E+00	1.8	SRCGP11	R_PIER50
554040.00	4180880.00	3.76E+00	1.8	SRCGP11	R_PIER50
554040.00	4180900.00	4.90E+00	1.8	SRCGP11	R_PIER50
554040.00	4180920.00	6.58E+00	1.8	SRCGP11	R_PIER50
554040.00	4180940.00	9.02E+00	1.8	SRCGP11	R_PIER50
554040.00	4180960.00	1.19E+01	1.8	SRCGP11	R_PIER50
554060.00	4180840.00	2.28E+00	1.8	SRCGP11	R_PIER50
554060.00	4180860.00	2.80E+00	1.8	SRCGP11	R_PIER50
554060.00	4180880.00	3.51E+00	1.8	SRCGP11	R_PIER50
554060.00	4180900.00	4.52E+00	1.8	SRCGP11	R_PIER50
554060.00	4180920.00	6.00E+00	1.8	SRCGP11	R_PIER50
554060.00	4180940.00	8.25E+00	1.8	SRCGP11	R_PIER50
554060.00	4180960.00	1.17E+01	1.8	SRCGP11	R_PIER50
554080.00	4180840.00	2.14E+00	1.8	SRCGP11	R_PIER50
554080.00	4180860.00	2.61E+00	1.8	SRCGP11	R_PIER50
554080.00	4180880.00	3.24E+00	1.8	SRCGP11	R_PIER50
554080.00	4180900.00	4.14E+00	1.8	SRCGP11	R_PIER50
554080.00	4180920.00	5.51E+00	1.8	SRCGP11	R_PIER50
554080.00	4180940.00	7.82E+00	1.8	SRCGP11	R_PIER50
554080.00	4180960.00	1.20E+01	1.8	SRCGP11	R_PIER50
554100.00	4180840.00	2.01E+00	1.8	SRCGP11	R_PIER50
554100.00	4180860.00	2.43E+00	1.8	SRCGP11	R_PIER50
554100.00	4180880.00	3.00E+00	1.8	SRCGP11	R_PIER50
554100.00	4180900.00	3.84E+00	1.8	SRCGP11	R_PIER50
554100.00	4180920.00	5.19E+00	1.8	SRCGP11	R_PIER50
554100.00	4180940.00	7.53E+00	1.8	SRCGP11	R_PIER50
554100.00	4180960.00	1.15E+01	1.8	SRCGP11	R_PIER50
554120.00	4180840.00	1.88E+00	1.8	SRCGP11	R_PIER50
554120.00	4180860.00	2.27E+00	1.8	SRCGP11	R_PIER50
554120.00	4180880.00	2.81E+00	1.8	SRCGP11	R_PIER50
554120.00	4180900.00	3.64E+00	1.8	SRCGP11	R_PIER50
554120.00	4180920.00	4.96E+00	1.8	SRCGP11	R_PIER50
554120.00	4180940.00	7.10E+00	1.8	SRCGP11	R_PIER50
554120.00	4180960.00	1.03E+01	1.8	SRCGP11	R_PIER50
554140.00	4180840.00	1.77E+00	1.8	SRCGP11	R_PIER50
554140.00	4180860.00	2.14E+00	1.8	SRCGP11	R_PIER50
554140.00	4180880.00	2.67E+00	1.8	SRCGP11	R_PIER50
554140.00	4180900.00	3.48E+00	1.8	SRCGP11	R_PIER50
554140.00	4180920.00	4.71E+00	1.8	SRCGP11	R_PIER50
554140.00	4180940.00	6.51E+00	1.8	SRCGP11	R_PIER50

554140.00	4180960.00	8.84E+00	1.8	SRCGP11	R_PIER50
554160.00	4180840.00	1.68E+00	1.8	SRCGP11	R_PIER50
554160.00	4180860.00	2.04E+00	1.8	SRCGP11	R_PIER50
554160.00	4180880.00	2.56E+00	1.8	SRCGP11	R_PIER50
554160.00	4180900.00	3.32E+00	1.8	SRCGP11	R_PIER50
554160.00	4180920.00	4.40E+00	1.8	SRCGP11	R_PIER50
554160.00	4180940.00	5.84E+00	1.8	SRCGP11	R_PIER50
554160.00	4180960.00	7.50E+00	1.8	SRCGP11	R_PIER50
554180.00	4180840.00	1.61E+00	1.8	SRCGP11	R_PIER50
554180.00	4180860.00	1.96E+00	1.8	SRCGP11	R_PIER50
554180.00	4180880.00	2.46E+00	1.8	SRCGP11	R_PIER50
554180.00	4180900.00	3.15E+00	1.8	SRCGP11	R_PIER50
554180.00	4180920.00	4.06E+00	1.8	SRCGP11	R_PIER50
554180.00	4180940.00	5.17E+00	1.8	SRCGP11	R_PIER50
554180.00	4180960.00	6.36E+00	1.8	SRCGP11	R_PIER50
554200.00	4180840.00	1.55E+00	1.8	SRCGP11	R_PIER50
554200.00	4180860.00	1.89E+00	1.8	SRCGP11	R_PIER50
554200.00	4180880.00	2.35E+00	1.8	SRCGP11	R_PIER50
554200.00	4180900.00	2.95E+00	1.8	SRCGP11	R_PIER50
554200.00	4180920.00	3.71E+00	1.8	SRCGP11	R_PIER50
554200.00	4180940.00	4.56E+00	1.8	SRCGP11	R_PIER50
554200.00	4180960.00	5.42E+00	1.8	SRCGP11	R_PIER50
554220.00	4180840.00	1.50E+00	1.8	SRCGP11	R_PIER50
554220.00	4180860.00	1.82E+00	1.8	SRCGP11	R_PIER50
554220.00	4180880.00	2.23E+00	1.8	SRCGP11	R_PIER50
554220.00	4180900.00	2.75E+00	1.8	SRCGP11	R_PIER50
554220.00	4180920.00	3.36E+00	1.8	SRCGP11	R_PIER50
554220.00	4180940.00	4.02E+00	1.8	SRCGP11	R_PIER50
554220.00	4180960.00	4.65E+00	1.8	SRCGP11	R_PIER50
554240.00	4180820.00	1.22E+00	1.8	SRCGP11	R_PIER50
554240.00	4180840.00	1.45E+00	1.8	SRCGP11	R_PIER50
554240.00	4180860.00	1.74E+00	1.8	SRCGP11	R_PIER50
554240.00	4180880.00	2.11E+00	1.8	SRCGP11	R_PIER50
554240.00	4180900.00	2.55E+00	1.8	SRCGP11	R_PIER50
554240.00	4180920.00	3.04E+00	1.8	SRCGP11	R_PIER50
554240.00	4180940.00	3.55E+00	1.8	SRCGP11	R_PIER50
554240.00	4180960.00	4.01E+00	1.8	SRCGP11	R_PIER50
554260.00	4180820.00	1.18E+00	1.8	SRCGP11	R_PIER50
554260.00	4180840.00	1.39E+00	1.8	SRCGP11	R_PIER50
554260.00	4180860.00	1.66E+00	1.8	SRCGP11	R_PIER50
554260.00	4180880.00	1.98E+00	1.8	SRCGP11	R_PIER50
554260.00	4180900.00	2.35E+00	1.8	SRCGP11	R_PIER50
554260.00	4180920.00	2.75E+00	1.8	SRCGP11	R_PIER50
554260.00	4180940.00	3.15E+00	1.8	SRCGP11	R_PIER50
554260.00	4180960.00	3.50E+00	1.8	SRCGP11	R_PIER50
554280.00	4180800.00	9.76E-01	1.8	SRCGP11	R_PIER50
554280.00	4180820.00	1.14E+00	1.8	SRCGP11	R_PIER50

554280.00	4180840.00	1.34E+00	1.8	SRCGP11	R_PIER50
554280.00	4180860.00	1.58E+00	1.8	SRCGP11	R_PIER50
554280.00	4180880.00	1.86E+00	1.8	SRCGP11	R_PIER50
554280.00	4180900.00	2.17E+00	1.8	SRCGP11	R_PIER50
554280.00	4180920.00	2.49E+00	1.8	SRCGP11	R_PIER50
554280.00	4180940.00	2.80E+00	1.8	SRCGP11	R_PIER50
554280.00	4180960.00	3.07E+00	1.8	SRCGP11	R_PIER50
554300.00	4180780.00	8.23E-01	1.8	SRCGP11	R_PIER50
554300.00	4180800.00	9.47E-01	1.8	SRCGP11	R_PIER50
554300.00	4180820.00	1.10E+00	1.8	SRCGP11	R_PIER50
554300.00	4180840.00	1.28E+00	1.8	SRCGP11	R_PIER50
554300.00	4180860.00	1.50E+00	1.8	SRCGP11	R_PIER50
554300.00	4180880.00	1.74E+00	1.8	SRCGP11	R_PIER50
554300.00	4180900.00	2.00E+00	1.8	SRCGP11	R_PIER50
554300.00	4180920.00	2.26E+00	1.8	SRCGP11	R_PIER50
554300.00	4180940.00	2.50E+00	1.8	SRCGP11	R_PIER50
554300.00	4180960.00	2.71E+00	1.8	SRCGP11	R_PIER50
554320.00	4180780.00	8.00E-01	1.8	SRCGP11	R_PIER50
554320.00	4180800.00	9.18E-01	1.8	SRCGP11	R_PIER50
554320.00	4180820.00	1.06E+00	1.8	SRCGP11	R_PIER50
554320.00	4180840.00	1.22E+00	1.8	SRCGP11	R_PIER50
554320.00	4180860.00	1.41E+00	1.8	SRCGP11	R_PIER50
554320.00	4180880.00	1.62E+00	1.8	SRCGP11	R_PIER50
554320.00	4180900.00	1.84E+00	1.8	SRCGP11	R_PIER50
554320.00	4180920.00	2.05E+00	1.8	SRCGP11	R_PIER50
554320.00	4180940.00	2.25E+00	1.8	SRCGP11	R_PIER50
554320.00	4180960.00	2.41E+00	1.8	SRCGP11	R_PIER50
554340.00	4180760.00	6.85E-01	1.8	SRCGP11	R_PIER50
554340.00	4180780.00	7.78E-01	1.8	SRCGP11	R_PIER50
554340.00	4180800.00	8.88E-01	1.8	SRCGP11	R_PIER50
554340.00	4180820.00	1.02E+00	1.8	SRCGP11	R_PIER50
554340.00	4180840.00	1.17E+00	1.8	SRCGP11	R_PIER50
554340.00	4180860.00	1.33E+00	1.8	SRCGP11	R_PIER50
554340.00	4180880.00	1.51E+00	1.8	SRCGP11	R_PIER50
554340.00	4180900.00	1.69E+00	1.8	SRCGP11	R_PIER50
554340.00	4180920.00	1.87E+00	1.8	SRCGP11	R_PIER50
554340.00	4180940.00	2.03E+00	1.8	SRCGP11	R_PIER50
554340.00	4180960.00	2.16E+00	1.8	SRCGP11	R_PIER50
554360.00	4180760.00	6.67E-01	1.8	SRCGP11	R_PIER50
554360.00	4180780.00	7.55E-01	1.8	SRCGP11	R_PIER50
554360.00	4180800.00	8.58E-01	1.8	SRCGP11	R_PIER50
554360.00	4180820.00	9.77E-01	1.8	SRCGP11	R_PIER50
554360.00	4180840.00	1.11E+00	1.8	SRCGP11	R_PIER50
554360.00	4180860.00	1.26E+00	1.8	SRCGP11	R_PIER50
554360.00	4180880.00	1.41E+00	1.8	SRCGP11	R_PIER50
554360.00	4180900.00	1.56E+00	1.8	SRCGP11	R_PIER50
554360.00	4180920.00	1.70E+00	1.8	SRCGP11	R_PIER50

554360.00	4180940.00	1.83E+00	1.8	SRCGP11	R_PIER50
554360.00	4180960.00	1.94E+00	1.8	SRCGP11	R_PIER50
554380.00	4180740.00	5.78E-01	1.8	SRCGP11	R_PIER50
554380.00	4180760.00	6.49E-01	1.8	SRCGP11	R_PIER50
554380.00	4180780.00	7.32E-01	1.8	SRCGP11	R_PIER50
554380.00	4180800.00	8.28E-01	1.8	SRCGP11	R_PIER50
554380.00	4180820.00	9.36E-01	1.8	SRCGP11	R_PIER50
554380.00	4180840.00	1.05E+00	1.8	SRCGP11	R_PIER50
554380.00	4180860.00	1.18E+00	1.8	SRCGP11	R_PIER50
554380.00	4180880.00	1.31E+00	1.8	SRCGP11	R_PIER50
554380.00	4180900.00	1.44E+00	1.8	SRCGP11	R_PIER50
554380.00	4180920.00	1.56E+00	1.8	SRCGP11	R_PIER50
554380.00	4180940.00	1.67E+00	1.8	SRCGP11	R_PIER50
554380.00	4180960.00	1.75E+00	1.8	SRCGP11	R_PIER50
554400.00	4180740.00	5.64E-01	1.8	SRCGP11	R_PIER50
554400.00	4180760.00	6.32E-01	1.8	SRCGP11	R_PIER50
554400.00	4180780.00	7.09E-01	1.8	SRCGP11	R_PIER50
554400.00	4180800.00	7.97E-01	1.8	SRCGP11	R_PIER50
554400.00	4180820.00	8.95E-01	1.8	SRCGP11	R_PIER50
554400.00	4180840.00	1.00E+00	1.8	SRCGP11	R_PIER50
554400.00	4180860.00	1.11E+00	1.8	SRCGP11	R_PIER50
554400.00	4180880.00	1.22E+00	1.8	SRCGP11	R_PIER50
554400.00	4180900.00	1.33E+00	1.8	SRCGP11	R_PIER50
554400.00	4180920.00	1.43E+00	1.8	SRCGP11	R_PIER50
554400.00	4180940.00	1.52E+00	1.8	SRCGP11	R_PIER50
554400.00	4180960.00	1.59E+00	1.8	SRCGP11	R_PIER50
554420.00	4180720.00	4.95E-01	1.8	SRCGP11	R_PIER50
554420.00	4180740.00	5.50E-01	1.8	SRCGP11	R_PIER50
554420.00	4180760.00	6.14E-01	1.8	SRCGP11	R_PIER50
554420.00	4180780.00	6.86E-01	1.8	SRCGP11	R_PIER50
554420.00	4180800.00	7.67E-01	1.8	SRCGP11	R_PIER50
554420.00	4180820.00	8.55E-01	1.8	SRCGP11	R_PIER50
554420.00	4180840.00	9.49E-01	1.8	SRCGP11	R_PIER50
554420.00	4180860.00	1.05E+00	1.8	SRCGP11	R_PIER50
554420.00	4180880.00	1.14E+00	1.8	SRCGP11	R_PIER50
554420.00	4180900.00	1.24E+00	1.8	SRCGP11	R_PIER50
554420.00	4180920.00	1.32E+00	1.8	SRCGP11	R_PIER50
554420.00	4180940.00	1.39E+00	1.8	SRCGP11	R_PIER50
554420.00	4180960.00	1.45E+00	1.8	SRCGP11	R_PIER50
554440.00	4180720.00	4.83E-01	1.8	SRCGP11	R_PIER50
554440.00	4180740.00	5.36E-01	1.8	SRCGP11	R_PIER50
554440.00	4180760.00	5.96E-01	1.8	SRCGP11	R_PIER50
554440.00	4180780.00	6.63E-01	1.8	SRCGP11	R_PIER50
554440.00	4180800.00	7.37E-01	1.8	SRCGP11	R_PIER50
554440.00	4180820.00	8.16E-01	1.8	SRCGP11	R_PIER50
554440.00	4180840.00	8.99E-01	1.8	SRCGP11	R_PIER50
554440.00	4180860.00	9.84E-01	1.8	SRCGP11	R_PIER50

554440.00	4180880.00	1.07E+00	1.8	SRCGP11	R_PIER50
554440.00	4180900.00	1.15E+00	1.8	SRCGP11	R_PIER50
554440.00	4180920.00	1.22E+00	1.8	SRCGP11	R_PIER50
554440.00	4180940.00	1.28E+00	1.8	SRCGP11	R_PIER50
554440.00	4180960.00	1.33E+00	1.8	SRCGP11	R_PIER50
553680.00	4180480.00	3.00E-01	1.8	SRCGP11	Sensitive
553360.00	4181000.00	2.92E-01	1.8	SRCGP11	Sensitive
553160.00	4180800.00	2.06E-01	1.8	SRCGP11	Sensitive
552940.00	4180980.00	1.26E-01	1.8	SRCGP11	Sensitive
553440.00	4180240.00	1.48E-01	1.8	SRCGP11	Sensitive
553920.00	4180800.00	1.75E+00	1.8	SRCGP11	Sensitive
553400.00	4180440.00	2.18E-01	1.8	SRCGP11	Sensitive
553920.00	4180000.00	9.98E-02	1.8	SRCGP11	Sensitive
553560.00	4180360.00	2.03E-01	1.8	SRCGP11	Sensitive
553360.00	4180340.00	1.73E-01	1.8	SRCGP11	Sensitive
553160.00	4181180.00	1.55E-01	1.8	SRCGP11	Sensitive

**Annual Average Concentraion at Each Receptor Location: Mission Rock Construction Scenario - Source Grou**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	4.06E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180540.00	4.12E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180560.00	4.17E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180580.00	4.24E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180600.00	4.31E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180620.00	4.39E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180640.00	4.48E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180660.00	4.57E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180720.00	4.87E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180740.00	4.97E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180760.00	5.07E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180780.00	5.17E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180800.00	5.26E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180840.00	5.44E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180860.00	5.52E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180880.00	5.59E-01	1.8	SRCGP12	OFF_SITE
553440.00	4180900.00	5.67E-01	1.8	SRCGP12	OFF_SITE
553440.00	4181020.00	6.02E-01	1.8	SRCGP12	OFF_SITE
553440.00	4181040.00	6.07E-01	1.8	SRCGP12	OFF_SITE
553440.00	4181060.00	6.13E-01	1.8	SRCGP12	OFF_SITE
553440.00	4181080.00	6.20E-01	1.8	SRCGP12	OFF_SITE
553440.00	4181160.00	6.72E-01	1.8	SRCGP12	OFF_SITE
553440.00	4181180.00	6.94E-01	1.8	SRCGP12	OFF_SITE
553440.00	4181200.00	7.23E-01	1.8	SRCGP12	OFF_SITE
553440.00	4181220.00	7.58E-01	1.8	SRCGP12	OFF_SITE
553440.00	4181240.00	8.02E-01	1.8	SRCGP12	OFF_SITE
553440.00	4181260.00	8.56E-01	1.8	SRCGP12	OFF_SITE
553440.00	4181300.00	1.01E+00	1.8	SRCGP12	OFF_SITE
553440.00	4181320.00	1.11E+00	1.8	SRCGP12	OFF_SITE
553440.00	4181340.00	1.24E+00	1.8	SRCGP12	OFF_SITE
553440.00	4181360.00	1.40E+00	1.8	SRCGP12	OFF_SITE
553440.00	4181380.00	1.62E+00	1.8	SRCGP12	OFF_SITE
553440.00	4181400.00	1.91E+00	1.8	SRCGP12	OFF_SITE
553440.00	4181420.00	2.32E+00	1.8	SRCGP12	OFF_SITE
553440.00	4181440.00	2.94E+00	1.8	SRCGP12	OFF_SITE
553440.00	4181460.00	3.95E+00	1.8	SRCGP12	OFF_SITE
553440.00	4181480.00	5.70E+00	1.8	SRCGP12	OFF_SITE
553460.00	4180520.00	4.32E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180540.00	4.38E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180560.00	4.45E-01	1.8	SRCGP12	OFF_SITE



553460.00	4180580.00	4.52E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180600.00	4.60E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180620.00	4.69E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180640.00	4.78E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180660.00	4.88E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180700.00	5.11E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180740.00	5.35E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180760.00	5.47E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180780.00	5.58E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180800.00	5.69E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180820.00	5.80E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180860.00	5.99E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180880.00	6.08E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180900.00	6.16E-01	1.8	SRCGP12	OFF_SITE
553460.00	4180920.00	6.24E-01	1.8	SRCGP12	OFF_SITE
553460.00	4181040.00	6.61E-01	1.8	SRCGP12	OFF_SITE
553460.00	4181060.00	6.66E-01	1.8	SRCGP12	OFF_SITE
553460.00	4181120.00	6.93E-01	1.8	SRCGP12	OFF_SITE
553460.00	4181140.00	7.07E-01	1.8	SRCGP12	OFF_SITE
553460.00	4181180.00	7.51E-01	1.8	SRCGP12	OFF_SITE
553460.00	4181200.00	7.83E-01	1.8	SRCGP12	OFF_SITE
553460.00	4181220.00	8.23E-01	1.8	SRCGP12	OFF_SITE
553460.00	4181240.00	8.73E-01	1.8	SRCGP12	OFF_SITE
553460.00	4181260.00	9.36E-01	1.8	SRCGP12	OFF_SITE
553460.00	4181280.00	1.01E+00	1.8	SRCGP12	OFF_SITE
553460.00	4181320.00	1.24E+00	1.8	SRCGP12	OFF_SITE
553460.00	4181340.00	1.40E+00	1.8	SRCGP12	OFF_SITE
553460.00	4181360.00	1.62E+00	1.8	SRCGP12	OFF_SITE
553460.00	4181380.00	1.91E+00	1.8	SRCGP12	OFF_SITE
553460.00	4181400.00	2.33E+00	1.8	SRCGP12	OFF_SITE
553460.00	4181420.00	2.97E+00	1.8	SRCGP12	OFF_SITE
553460.00	4181440.00	4.02E+00	1.8	SRCGP12	OFF_SITE
553460.00	4181460.00	5.86E+00	1.8	SRCGP12	OFF_SITE
553460.00	4181500.00	5.45E+00	1.8	SRCGP12	OFF_SITE
553460.00	4181520.00	4.77E+00	1.8	SRCGP12	OFF_SITE
553480.00	4180520.00	4.62E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180540.00	4.69E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180560.00	4.76E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180580.00	4.84E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180600.00	4.92E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180620.00	5.02E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180640.00	5.13E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180660.00	5.24E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180700.00	5.50E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180720.00	5.64E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180760.00	5.93E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180780.00	6.06E-01	1.8	SRCGP12	OFF_SITE

553480.00	4180800.00	6.20E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180820.00	6.32E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180840.00	6.44E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180880.00	6.65E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180900.00	6.75E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180920.00	6.84E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180940.00	6.92E-01	1.8	SRCGP12	OFF_SITE
553480.00	4180960.00	7.00E-01	1.8	SRCGP12	OFF_SITE
553480.00	4181040.00	7.24E-01	1.8	SRCGP12	OFF_SITE
553480.00	4181080.00	7.36E-01	1.8	SRCGP12	OFF_SITE
553480.00	4181100.00	7.44E-01	1.8	SRCGP12	OFF_SITE
553480.00	4181120.00	7.55E-01	1.8	SRCGP12	OFF_SITE
553480.00	4181140.00	7.70E-01	1.8	SRCGP12	OFF_SITE
553480.00	4181160.00	7.91E-01	1.8	SRCGP12	OFF_SITE
553480.00	4181200.00	8.54E-01	1.8	SRCGP12	OFF_SITE
553480.00	4181220.00	9.00E-01	1.8	SRCGP12	OFF_SITE
553480.00	4181240.00	9.59E-01	1.8	SRCGP12	OFF_SITE
553480.00	4181260.00	1.03E+00	1.8	SRCGP12	OFF_SITE
553480.00	4181280.00	1.13E+00	1.8	SRCGP12	OFF_SITE
553480.00	4181300.00	1.25E+00	1.8	SRCGP12	OFF_SITE
553480.00	4181340.00	1.63E+00	1.8	SRCGP12	OFF_SITE
553480.00	4181360.00	1.93E+00	1.8	SRCGP12	OFF_SITE
553480.00	4181380.00	2.36E+00	1.8	SRCGP12	OFF_SITE
553480.00	4181400.00	3.02E+00	1.8	SRCGP12	OFF_SITE
553480.00	4181420.00	4.12E+00	1.8	SRCGP12	OFF_SITE
553480.00	4181440.00	4.59E+00	1.8	SRCGP12	OFF_SITE
553480.00	4181480.00	5.26E+00	1.8	SRCGP12	OFF_SITE
553480.00	4181500.00	4.58E+00	1.8	SRCGP12	OFF_SITE
553480.00	4181520.00	3.37E+00	1.8	SRCGP12	OFF_SITE
553500.00	4180520.00	4.97E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180540.00	5.04E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180560.00	5.12E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180580.00	5.20E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180600.00	5.30E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180620.00	5.41E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180640.00	5.52E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180660.00	5.66E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180700.00	5.96E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180720.00	6.12E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180740.00	6.29E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180780.00	6.63E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180800.00	6.79E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180820.00	6.94E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180840.00	7.08E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180860.00	7.21E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180900.00	7.44E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180920.00	7.55E-01	1.8	SRCGP12	OFF_SITE

553500.00	4180940.00	7.65E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180960.00	7.73E-01	1.8	SRCGP12	OFF_SITE
553500.00	4180980.00	7.81E-01	1.8	SRCGP12	OFF_SITE
553500.00	4181000.00	7.88E-01	1.8	SRCGP12	OFF_SITE
553500.00	4181060.00	8.04E-01	1.8	SRCGP12	OFF_SITE
553500.00	4181080.00	8.10E-01	1.8	SRCGP12	OFF_SITE
553500.00	4181100.00	8.18E-01	1.8	SRCGP12	OFF_SITE
553500.00	4181120.00	8.29E-01	1.8	SRCGP12	OFF_SITE
553500.00	4181140.00	8.45E-01	1.8	SRCGP12	OFF_SITE
553500.00	4181160.00	8.67E-01	1.8	SRCGP12	OFF_SITE
553500.00	4181180.00	8.97E-01	1.8	SRCGP12	OFF_SITE
553500.00	4181220.00	9.92E-01	1.8	SRCGP12	OFF_SITE
553500.00	4181240.00	1.06E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181260.00	1.16E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181280.00	1.28E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181300.00	1.44E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181320.00	1.65E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181360.00	2.40E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181380.00	3.08E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181400.00	4.24E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181420.00	4.68E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181460.00	5.08E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181480.00	4.41E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181500.00	3.27E+00	1.8	SRCGP12	OFF_SITE
553500.00	4181520.00	2.58E+00	1.8	SRCGP12	OFF_SITE
553520.00	4180520.00	5.37E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180540.00	5.45E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180560.00	5.53E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180580.00	5.63E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180600.00	5.74E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180620.00	5.85E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180640.00	5.99E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180660.00	6.14E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180700.00	6.48E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180720.00	6.68E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180740.00	6.88E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180760.00	7.09E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180800.00	7.49E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180820.00	7.67E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180840.00	7.84E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180860.00	8.00E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180880.00	8.15E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180920.00	8.41E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180940.00	8.52E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180960.00	8.62E-01	1.8	SRCGP12	OFF_SITE
553520.00	4180980.00	8.71E-01	1.8	SRCGP12	OFF_SITE
553520.00	4181000.00	8.79E-01	1.8	SRCGP12	OFF_SITE

553520.00	4181080.00	9.01E-01	1.8	SRCGP12	OFF_SITE
553520.00	4181100.00	9.08E-01	1.8	SRCGP12	OFF_SITE
553520.00	4181120.00	9.19E-01	1.8	SRCGP12	OFF_SITE
553520.00	4181140.00	9.35E-01	1.8	SRCGP12	OFF_SITE
553520.00	4181160.00	9.58E-01	1.8	SRCGP12	OFF_SITE
553520.00	4181180.00	9.92E-01	1.8	SRCGP12	OFF_SITE
553520.00	4181200.00	1.04E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181240.00	1.19E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181260.00	1.31E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181280.00	1.47E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181300.00	1.68E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181320.00	1.99E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181340.00	2.45E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181380.00	4.38E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181400.00	4.79E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181440.00	6.16E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181460.00	4.25E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181480.00	3.17E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181500.00	2.52E+00	1.8	SRCGP12	OFF_SITE
553520.00	4181520.00	2.08E+00	1.8	SRCGP12	OFF_SITE
553540.00	4180520.00	5.84E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180540.00	5.93E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180560.00	6.02E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180580.00	6.13E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180600.00	6.25E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180620.00	6.38E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180640.00	6.53E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180660.00	6.70E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180700.00	7.10E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180720.00	7.33E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180740.00	7.58E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180760.00	7.84E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180780.00	8.09E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180820.00	8.57E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180840.00	8.78E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180860.00	8.98E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180880.00	9.15E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180900.00	9.31E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180940.00	9.59E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180960.00	9.72E-01	1.8	SRCGP12	OFF_SITE
553540.00	4180980.00	9.82E-01	1.8	SRCGP12	OFF_SITE
553540.00	4181100.00	1.02E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181120.00	1.03E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181140.00	1.04E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181160.00	1.07E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181180.00	1.11E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181200.00	1.17E+00	1.8	SRCGP12	OFF_SITE

553540.00	4181220.00	1.25E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181260.00	1.51E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181280.00	1.73E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181300.00	2.04E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181320.00	2.51E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181340.00	3.25E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181360.00	4.53E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181420.00	5.92E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181440.00	4.10E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181460.00	3.08E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181480.00	2.46E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181500.00	2.04E+00	1.8	SRCGP12	OFF_SITE
553540.00	4181520.00	1.74E+00	1.8	SRCGP12	OFF_SITE
553560.00	4180520.00	6.40E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180540.00	6.50E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180560.00	6.61E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180580.00	6.73E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180600.00	6.87E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180620.00	7.02E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180640.00	7.19E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180660.00	7.38E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180700.00	7.84E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180720.00	8.12E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180740.00	8.42E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180760.00	8.75E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180780.00	9.07E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180800.00	9.39E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180840.00	9.95E-01	1.8	SRCGP12	OFF_SITE
553560.00	4180860.00	1.02E+00	1.8	SRCGP12	OFF_SITE
553560.00	4180880.00	1.04E+00	1.8	SRCGP12	OFF_SITE
553560.00	4180900.00	1.06E+00	1.8	SRCGP12	OFF_SITE
553560.00	4180920.00	1.08E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181000.00	1.13E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181020.00	1.14E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181120.00	1.17E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181140.00	1.18E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181160.00	1.21E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181180.00	1.25E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181200.00	1.32E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181220.00	1.42E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181240.00	1.57E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181280.00	2.10E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181300.00	2.58E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181320.00	3.35E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181340.00	4.70E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181420.00	3.97E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181440.00	3.00E+00	1.8	SRCGP12	OFF_SITE

553560.00	4181460.00	2.41E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181480.00	2.01E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181500.00	1.72E+00	1.8	SRCGP12	OFF_SITE
553560.00	4181520.00	1.50E+00	1.8	SRCGP12	OFF_SITE
553580.00	4180520.00	7.09E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180540.00	7.21E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180560.00	7.33E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180580.00	7.47E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180600.00	7.62E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180620.00	7.79E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180640.00	7.99E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180660.00	8.20E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180700.00	8.74E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180720.00	9.08E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180740.00	9.45E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180760.00	9.86E-01	1.8	SRCGP12	OFF_SITE
553580.00	4180780.00	1.03E+00	1.8	SRCGP12	OFF_SITE
553580.00	4180800.00	1.07E+00	1.8	SRCGP12	OFF_SITE
553580.00	4180820.00	1.11E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181000.00	1.31E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181020.00	1.32E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181040.00	1.33E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181140.00	1.36E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181160.00	1.39E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181180.00	1.44E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181200.00	1.52E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181220.00	1.66E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181240.00	1.86E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181260.00	2.18E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181300.00	3.47E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181320.00	4.88E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181440.00	2.36E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181460.00	1.97E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181480.00	1.69E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181500.00	1.48E+00	1.8	SRCGP12	OFF_SITE
553580.00	4181520.00	1.31E+00	1.8	SRCGP12	OFF_SITE
553600.00	4180800.00	1.24E+00	1.8	SRCGP12	OFF_SITE
553600.00	4180820.00	1.29E+00	1.8	SRCGP12	OFF_SITE
553600.00	4180840.00	1.34E+00	1.8	SRCGP12	OFF_SITE
553600.00	4180860.00	1.38E+00	1.8	SRCGP12	OFF_SITE
553600.00	4180900.00	1.44E+00	1.8	SRCGP12	OFF_SITE
553600.00	4180920.00	1.47E+00	1.8	SRCGP12	OFF_SITE
553600.00	4180940.00	1.49E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181000.00	1.55E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181020.00	1.57E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181040.00	1.58E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181060.00	1.58E+00	1.8	SRCGP12	OFF_SITE

553600.00	4181160.00	1.62E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181180.00	1.68E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181200.00	1.79E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181220.00	1.98E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181240.00	2.28E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181260.00	2.78E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181280.00	3.61E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181460.00	1.67E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181480.00	1.46E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181500.00	1.30E+00	1.8	SRCGP12	OFF_SITE
553600.00	4181520.00	1.16E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180520.00	9.04E-01	1.8	SRCGP12	OFF_SITE
553620.00	4180540.00	9.20E-01	1.8	SRCGP12	OFF_SITE
553620.00	4180560.00	9.38E-01	1.8	SRCGP12	OFF_SITE
553620.00	4180600.00	9.78E-01	1.8	SRCGP12	OFF_SITE
553620.00	4180620.00	1.00E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180640.00	1.03E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180660.00	1.06E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180700.00	1.13E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180720.00	1.18E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180740.00	1.24E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180760.00	1.31E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180780.00	1.38E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180800.00	1.46E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180820.00	1.54E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180840.00	1.60E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180860.00	1.66E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180900.00	1.75E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180920.00	1.77E+00	1.8	SRCGP12	OFF_SITE
553620.00	4180940.00	1.80E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181000.00	1.89E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181020.00	1.90E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181040.00	1.92E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181060.00	1.93E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181080.00	1.93E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181180.00	2.01E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181200.00	2.16E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181220.00	2.44E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181240.00	2.92E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181260.00	3.78E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181280.00	5.33E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181480.00	1.29E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181500.00	1.16E+00	1.8	SRCGP12	OFF_SITE
553620.00	4181520.00	1.04E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180520.00	1.05E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180540.00	1.07E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180560.00	1.09E+00	1.8	SRCGP12	OFF_SITE

553640.00	4180600.00	1.14E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180620.00	1.17E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180640.00	1.20E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180660.00	1.24E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180700.00	1.33E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180720.00	1.39E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180740.00	1.46E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180760.00	1.55E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180780.00	1.66E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180800.00	1.77E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180820.00	1.89E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180840.00	1.98E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180860.00	2.07E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180900.00	2.18E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180920.00	2.22E+00	1.8	SRCGP12	OFF_SITE
553640.00	4180940.00	2.25E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181000.00	2.37E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181020.00	2.40E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181040.00	2.42E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181060.00	2.43E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181080.00	2.43E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181100.00	2.42E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181200.00	2.70E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181220.00	3.14E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181240.00	4.00E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181260.00	5.60E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181500.00	1.04E+00	1.8	SRCGP12	OFF_SITE
553640.00	4181520.00	9.46E-01	1.8	SRCGP12	OFF_SITE
553660.00	4180520.00	1.25E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180540.00	1.28E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180560.00	1.31E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180600.00	1.37E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180620.00	1.41E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180640.00	1.45E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180660.00	1.49E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180700.00	1.61E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180720.00	1.68E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180740.00	1.77E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180760.00	1.89E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180780.00	2.05E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180800.00	2.23E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180820.00	2.41E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180840.00	2.57E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180860.00	2.69E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180900.00	2.86E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180920.00	2.90E+00	1.8	SRCGP12	OFF_SITE
553660.00	4180940.00	2.93E+00	1.8	SRCGP12	OFF_SITE



553660.00	4181000.00	3.12E+00	1.8	SRCGP12	OFF_SITE
553660.00	4181020.00	3.18E+00	1.8	SRCGP12	OFF_SITE
553660.00	4181040.00	3.21E+00	1.8	SRCGP12	OFF_SITE
553660.00	4181060.00	3.23E+00	1.8	SRCGP12	OFF_SITE
553660.00	4181080.00	3.23E+00	1.8	SRCGP12	OFF_SITE
553660.00	4181100.00	3.22E+00	1.8	SRCGP12	OFF_SITE
553660.00	4181120.00	3.20E+00	1.8	SRCGP12	OFF_SITE
553660.00	4181220.00	4.33E+00	1.8	SRCGP12	OFF_SITE
553660.00	4181240.00	5.95E+00	1.8	SRCGP12	OFF_SITE
553660.00	4181520.00	8.65E-01	1.8	SRCGP12	OFF_SITE
553680.00	4180520.00	1.55E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180540.00	1.59E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180560.00	1.63E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180600.00	1.72E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180620.00	1.77E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180640.00	1.83E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180660.00	1.89E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180700.00	2.04E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180720.00	2.14E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180740.00	2.26E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180760.00	2.42E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180780.00	2.65E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180800.00	2.95E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180820.00	3.28E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180840.00	3.55E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180860.00	3.76E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180900.00	4.02E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180920.00	4.09E+00	1.8	SRCGP12	OFF_SITE
553680.00	4180940.00	4.12E+00	1.8	SRCGP12	OFF_SITE
553680.00	4181000.00	4.44E+00	1.8	SRCGP12	OFF_SITE
553680.00	4181020.00	4.57E+00	1.8	SRCGP12	OFF_SITE
553680.00	4181040.00	4.63E+00	1.8	SRCGP12	OFF_SITE
553680.00	4181060.00	4.66E+00	1.8	SRCGP12	OFF_SITE
553680.00	4181080.00	4.66E+00	1.8	SRCGP12	OFF_SITE
553680.00	4181100.00	4.65E+00	1.8	SRCGP12	OFF_SITE
553680.00	4181120.00	4.61E+00	1.8	SRCGP12	OFF_SITE
553680.00	4181140.00	4.56E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180520.00	2.02E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180540.00	2.08E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180560.00	2.15E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180600.00	2.29E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180620.00	2.38E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180640.00	2.47E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180660.00	2.56E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180700.00	2.80E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180720.00	2.94E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180740.00	3.12E+00	1.8	SRCGP12	OFF_SITE

553700.00	4180760.00	3.35E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180780.00	3.69E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180800.00	4.22E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180820.00	4.91E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180840.00	5.48E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180860.00	5.85E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180900.00	6.29E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180920.00	6.42E+00	1.8	SRCGP12	OFF_SITE
553700.00	4180940.00	6.48E+00	1.8	SRCGP12	OFF_SITE
553700.00	4181000.00	7.16E+00	1.8	SRCGP12	OFF_SITE
553700.00	4181020.00	7.45E+00	1.8	SRCGP12	OFF_SITE
553700.00	4181040.00	7.56E+00	1.8	SRCGP12	OFF_SITE
553700.00	4181060.00	7.60E+00	1.8	SRCGP12	OFF_SITE
553700.00	4181080.00	7.61E+00	1.8	SRCGP12	OFF_SITE
553700.00	4181100.00	7.59E+00	1.8	SRCGP12	OFF_SITE
553700.00	4181120.00	7.55E+00	1.8	SRCGP12	OFF_SITE
553700.00	4181140.00	7.47E+00	1.8	SRCGP12	OFF_SITE
553720.00	4180520.00	2.89E+00	1.8	SRCGP12	OFF_SITE
553720.00	4180540.00	3.00E+00	1.8	SRCGP12	OFF_SITE
553720.00	4180560.00	3.12E+00	1.8	SRCGP12	OFF_SITE
553720.00	4180600.00	3.40E+00	1.8	SRCGP12	OFF_SITE
553720.00	4180620.00	3.55E+00	1.8	SRCGP12	OFF_SITE
553720.00	4180640.00	3.72E+00	1.8	SRCGP12	OFF_SITE
553720.00	4180660.00	3.91E+00	1.8	SRCGP12	OFF_SITE
553740.00	4180520.00	4.71E+00	1.8	SRCGP12	OFF_SITE
553740.00	4180540.00	4.96E+00	1.8	SRCGP12	OFF_SITE
553740.00	4180560.00	5.22E+00	1.8	SRCGP12	OFF_SITE
553760.00	4180620.00	3.65E+00	1.8	SRCGP12	OFF_SITE
553760.00	4180640.00	3.66E+00	1.8	SRCGP12	OFF_SITE
553760.00	4180660.00	3.53E+00	1.8	SRCGP12	OFF_SITE
553760.00	4180680.00	4.72E+00	1.8	SRCGP12	OFF_SITE
553760.00	4180720.00	5.94E+00	1.8	SRCGP12	OFF_SITE
553760.00	4180740.00	5.73E+00	1.8	SRCGP12	OFF_SITE
553760.00	4180760.00	5.59E+00	1.8	SRCGP12	OFF_SITE
553760.00	4180780.00	5.57E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180520.00	5.37E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180540.00	5.12E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180560.00	4.88E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180580.00	4.66E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180600.00	4.46E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180620.00	4.28E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180640.00	4.11E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180660.00	3.96E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180680.00	3.83E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180720.00	3.62E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180740.00	3.56E+00	1.8	SRCGP12	OFF_SITE
553780.00	4180760.00	3.55E+00	1.8	SRCGP12	OFF_SITE

553780.00	4180780.00	3.61E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180520.00	3.28E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180540.00	3.17E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180560.00	3.07E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180580.00	2.97E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180600.00	2.89E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180620.00	2.81E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180640.00	2.74E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180660.00	2.68E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180680.00	2.62E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180720.00	2.55E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180740.00	2.55E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180760.00	2.57E+00	1.8	SRCGP12	OFF_SITE
553800.00	4180780.00	2.65E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180520.00	2.31E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180540.00	2.26E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180560.00	2.20E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180580.00	2.16E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180620.00	2.08E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180640.00	2.04E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180660.00	2.02E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180680.00	1.99E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180720.00	1.98E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180740.00	1.99E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180760.00	2.02E+00	1.8	SRCGP12	OFF_SITE
553820.00	4180780.00	2.10E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180520.00	1.78E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180540.00	1.75E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180560.00	1.72E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180580.00	1.70E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180620.00	1.65E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180640.00	1.64E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180660.00	1.62E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180680.00	1.61E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180720.00	1.62E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180740.00	1.63E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180760.00	1.67E+00	1.8	SRCGP12	OFF_SITE
553840.00	4180780.00	1.73E+00	1.8	SRCGP12	OFF_SITE
553860.00	4180520.00	1.45E+00	1.8	SRCGP12	OFF_SITE
553860.00	4180540.00	1.43E+00	1.8	SRCGP12	OFF_SITE
553860.00	4180560.00	1.42E+00	1.8	SRCGP12	OFF_SITE
553860.00	4180580.00	1.40E+00	1.8	SRCGP12	OFF_SITE
553860.00	4180620.00	1.37E+00	1.8	SRCGP12	OFF_SITE
553860.00	4180640.00	1.37E+00	1.8	SRCGP12	OFF_SITE
553860.00	4180660.00	1.36E+00	1.8	SRCGP12	OFF_SITE
553860.00	4180680.00	1.36E+00	1.8	SRCGP12	OFF_SITE
553860.00	4180720.00	1.37E+00	1.8	SRCGP12	OFF_SITE

553860.00	4180740.00	1.39E+00	1.8	SRCGP12	OFF_SITE
553860.00	4180760.00	1.42E+00	1.8	SRCGP12	OFF_SITE
553860.00	4180780.00	1.47E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180520.00	1.23E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180540.00	1.21E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180560.00	1.20E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180580.00	1.19E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180620.00	1.18E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180640.00	1.17E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180660.00	1.17E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180680.00	1.17E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180720.00	1.19E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180740.00	1.21E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180760.00	1.24E+00	1.8	SRCGP12	OFF_SITE
553880.00	4180780.00	1.28E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180520.00	1.06E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180540.00	1.05E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180560.00	1.05E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180580.00	1.04E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180620.00	1.03E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180640.00	1.03E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180660.00	1.03E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180680.00	1.03E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180720.00	1.05E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180740.00	1.07E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180760.00	1.09E+00	1.8	SRCGP12	OFF_SITE
553900.00	4180780.00	1.13E+00	1.8	SRCGP12	OFF_SITE
553920.00	4180520.00	9.38E-01	1.8	SRCGP12	OFF_SITE
553920.00	4180540.00	9.32E-01	1.8	SRCGP12	OFF_SITE
553920.00	4180560.00	9.27E-01	1.8	SRCGP12	OFF_SITE
553920.00	4180580.00	9.22E-01	1.8	SRCGP12	OFF_SITE
553920.00	4180620.00	9.17E-01	1.8	SRCGP12	OFF_SITE
553920.00	4180640.00	9.17E-01	1.8	SRCGP12	OFF_SITE
553920.00	4180660.00	9.19E-01	1.8	SRCGP12	OFF_SITE
553920.00	4180680.00	9.23E-01	1.8	SRCGP12	OFF_SITE
553920.00	4180720.00	9.43E-01	1.8	SRCGP12	OFF_SITE
553920.00	4180740.00	9.59E-01	1.8	SRCGP12	OFF_SITE
553920.00	4180760.00	9.81E-01	1.8	SRCGP12	OFF_SITE
553920.00	4180780.00	1.01E+00	1.8	SRCGP12	OFF_SITE
553940.00	4180520.00	8.39E-01	1.8	SRCGP12	OFF_SITE
553940.00	4180540.00	8.35E-01	1.8	SRCGP12	OFF_SITE
553940.00	4180560.00	8.32E-01	1.8	SRCGP12	OFF_SITE
553940.00	4180580.00	8.29E-01	1.8	SRCGP12	OFF_SITE
553940.00	4180620.00	8.26E-01	1.8	SRCGP12	OFF_SITE
553940.00	4180640.00	8.27E-01	1.8	SRCGP12	OFF_SITE
553940.00	4180660.00	8.30E-01	1.8	SRCGP12	OFF_SITE
553940.00	4180680.00	8.35E-01	1.8	SRCGP12	OFF_SITE

553940.00	4180720.00	8.54E-01	1.8	SRCGP12	OFF_SITE
553940.00	4180740.00	8.68E-01	1.8	SRCGP12	OFF_SITE
553940.00	4180760.00	8.87E-01	1.8	SRCGP12	OFF_SITE
553940.00	4180780.00	9.09E-01	1.8	SRCGP12	OFF_SITE
553960.00	4180520.00	7.60E-01	1.8	SRCGP12	OFF_SITE
553960.00	4180540.00	7.57E-01	1.8	SRCGP12	OFF_SITE
553960.00	4180560.00	7.54E-01	1.8	SRCGP12	OFF_SITE
553960.00	4180580.00	7.52E-01	1.8	SRCGP12	OFF_SITE
553960.00	4180620.00	7.52E-01	1.8	SRCGP12	OFF_SITE
553960.00	4180640.00	7.53E-01	1.8	SRCGP12	OFF_SITE
553960.00	4180660.00	7.56E-01	1.8	SRCGP12	OFF_SITE
553960.00	4180680.00	7.62E-01	1.8	SRCGP12	OFF_SITE
553960.00	4180720.00	7.79E-01	1.8	SRCGP12	OFF_SITE
553960.00	4180740.00	7.93E-01	1.8	SRCGP12	OFF_SITE
553960.00	4180760.00	8.09E-01	1.8	SRCGP12	OFF_SITE
553980.00	4180520.00	6.94E-01	1.8	SRCGP12	OFF_SITE
553980.00	4180540.00	6.92E-01	1.8	SRCGP12	OFF_SITE
553980.00	4180560.00	6.90E-01	1.8	SRCGP12	OFF_SITE
553980.00	4180580.00	6.89E-01	1.8	SRCGP12	OFF_SITE
553980.00	4180620.00	6.90E-01	1.8	SRCGP12	OFF_SITE
553980.00	4180640.00	6.92E-01	1.8	SRCGP12	OFF_SITE
553980.00	4180660.00	6.95E-01	1.8	SRCGP12	OFF_SITE
553980.00	4180680.00	7.00E-01	1.8	SRCGP12	OFF_SITE
553560.00	4181180.00	1.25E+00	1.8	SRCGP12	OFF_SITE
553920.00	4180660.00	9.19E-01	1.8	SRCGP12	OFF_SITE
553700.00	4180920.00	6.42E+00	1.8	SRCGP12	OFF_SITE
553560.00	4180920.00	1.08E+00	1.8	SRCGP12	OFF_SITE
553680.00	4181060.00	4.66E+00	1.8	SRCGP12	OFF_SITE
553760.00	4181080.00	7.22E+00	1.8	SRCGP12	R_A1_BA
553780.00	4181080.00	4.67E+00	1.8	SRCGP12	R_A1_BA
553760.00	4181100.00	7.20E+00	1.8	SRCGP12	R_A1_BA
553780.00	4181100.00	4.65E+00	1.8	SRCGP12	R_A1_BA
553760.00	4181120.00	7.14E+00	1.8	SRCGP12	R_A1_BA
553780.00	4181120.00	4.60E+00	1.8	SRCGP12	R_A1_BA
553760.00	4181140.00	7.05E+00	1.8	SRCGP12	R_A1_BA
553780.00	4181140.00	4.52E+00	1.8	SRCGP12	R_A1_BA
553760.00	4181000.00	6.78E+00	1.8	SRCGP12	R_A1_BB
553780.00	4181000.00	4.54E+00	1.8	SRCGP12	R_A1_BB
553760.00	4181020.00	7.05E+00	1.8	SRCGP12	R_A1_BB
553780.00	4181020.00	4.59E+00	1.8	SRCGP12	R_A1_BB
553760.00	4181040.00	7.17E+00	1.8	SRCGP12	R_A1_BB
553780.00	4181040.00	4.64E+00	1.8	SRCGP12	R_A1_BB
553780.00	4181060.00	4.67E+00	1.8	SRCGP12	R_A1_BB
553760.00	4180900.00	8.52E+00	1.8	SRCGP12	R_A1_BC
553780.00	4180900.00	5.23E+00	1.8	SRCGP12	R_A1_BC
553760.00	4180920.00	8.42E+00	1.8	SRCGP12	R_A1_BC
553780.00	4180920.00	5.20E+00	1.8	SRCGP12	R_A1_BC

553760.00	4180940.00	8.23E+00	1.8	SRCGP12	R_A1_BC
553780.00	4180940.00	5.10E+00	1.8	SRCGP12	R_A1_BC
553760.00	4180960.00	7.81E+00	1.8	SRCGP12	R_A1_BC
553780.00	4180960.00	4.90E+00	1.8	SRCGP12	R_A1_BC
553760.00	4180820.00	6.96E+00	1.8	SRCGP12	R_A1_BD1
553780.00	4180820.00	4.31E+00	1.8	SRCGP12	R_A1_BD1
553760.00	4180840.00	8.08E+00	1.8	SRCGP12	R_A1_BD1
553780.00	4180840.00	4.79E+00	1.8	SRCGP12	R_A1_BD1
553760.00	4180860.00	8.47E+00	1.8	SRCGP12	R_A1_BD1
553780.00	4180860.00	5.07E+00	1.8	SRCGP12	R_A1_BD1
553760.00	4180880.00	8.56E+00	1.8	SRCGP12	R_A1_BD1
553800.00	4180820.00	3.06E+00	1.8	SRCGP12	R_A1_BD2
553820.00	4180820.00	2.36E+00	1.8	SRCGP12	R_A1_BD2
553840.00	4180820.00	1.91E+00	1.8	SRCGP12	R_A1_BD2
553860.00	4180820.00	1.60E+00	1.8	SRCGP12	R_A1_BD2
553880.00	4180820.00	1.38E+00	1.8	SRCGP12	R_A1_BD2
553800.00	4180840.00	3.31E+00	1.8	SRCGP12	R_A1_BD2
553820.00	4180840.00	2.51E+00	1.8	SRCGP12	R_A1_BD2
553840.00	4180840.00	2.01E+00	1.8	SRCGP12	R_A1_BD2
553860.00	4180840.00	1.67E+00	1.8	SRCGP12	R_A1_BD2
553880.00	4180840.00	1.43E+00	1.8	SRCGP12	R_A1_BD2
553800.00	4180860.00	3.49E+00	1.8	SRCGP12	R_A1_BD2
553820.00	4180860.00	2.63E+00	1.8	SRCGP12	R_A1_BD2
553840.00	4180860.00	2.09E+00	1.8	SRCGP12	R_A1_BD2
553860.00	4180860.00	1.73E+00	1.8	SRCGP12	R_A1_BD2
553880.00	4180860.00	1.47E+00	1.8	SRCGP12	R_A1_BD2
553780.00	4180880.00	5.20E+00	1.8	SRCGP12	R_A1_BD2
553800.00	4180880.00	3.60E+00	1.8	SRCGP12	R_A1_BD2
553820.00	4180880.00	2.71E+00	1.8	SRCGP12	R_A1_BD2
553840.00	4180880.00	2.16E+00	1.8	SRCGP12	R_A1_BD2
553860.00	4180880.00	1.78E+00	1.8	SRCGP12	R_A1_BD2
553820.00	4181100.00	2.61E+00	1.8	SRCGP12	R_A2_BG
553840.00	4181100.00	2.12E+00	1.8	SRCGP12	R_A2_BG
553860.00	4181100.00	1.78E+00	1.8	SRCGP12	R_A2_BG
553820.00	4181120.00	2.58E+00	1.8	SRCGP12	R_A2_BG
553840.00	4181120.00	2.09E+00	1.8	SRCGP12	R_A2_BG
553860.00	4181120.00	1.75E+00	1.8	SRCGP12	R_A2_BG
553900.00	4181100.00	1.33E+00	1.8	SRCGP12	R_A2_BK
553920.00	4181100.00	1.17E+00	1.8	SRCGP12	R_A2_BK
553900.00	4181120.00	1.31E+00	1.8	SRCGP12	R_A2_BK
553920.00	4181120.00	1.15E+00	1.8	SRCGP12	R_A2_BK
553860.00	4181140.00	1.71E+00	1.8	SRCGP12	R_A2_PK
553880.00	4181140.00	1.46E+00	1.8	SRCGP12	R_A2_PK
553900.00	4181140.00	1.28E+00	1.8	SRCGP12	R_A2_PK
553920.00	4181140.00	1.13E+00	1.8	SRCGP12	R_A2_PK
553800.00	4181160.00	3.13E+00	1.8	SRCGP12	R_A2_PK
553820.00	4181160.00	2.42E+00	1.8	SRCGP12	R_A2_PK

553840.00	4181160.00	1.96E+00	1.8	SRCGP12	R_A2_PK
553860.00	4181160.00	1.65E+00	1.8	SRCGP12	R_A2_PK
553880.00	4181160.00	1.41E+00	1.8	SRCGP12	R_A2_PK
553900.00	4181160.00	1.23E+00	1.8	SRCGP12	R_A2_PK
553920.00	4181160.00	1.09E+00	1.8	SRCGP12	R_A2_PK
553740.00	4181180.00	7.68E+00	1.8	SRCGP12	R_A2_PK
553760.00	4181180.00	6.39E+00	1.8	SRCGP12	R_A2_PK
553780.00	4181180.00	4.05E+00	1.8	SRCGP12	R_A2_PK
553800.00	4181180.00	2.92E+00	1.8	SRCGP12	R_A2_PK
553820.00	4181180.00	2.27E+00	1.8	SRCGP12	R_A2_PK
553840.00	4181180.00	1.85E+00	1.8	SRCGP12	R_A2_PK
553860.00	4181180.00	1.56E+00	1.8	SRCGP12	R_A2_PK
553880.00	4181180.00	1.35E+00	1.8	SRCGP12	R_A2_PK
553900.00	4181180.00	1.18E+00	1.8	SRCGP12	R_A2_PK
553920.00	4181180.00	1.05E+00	1.8	SRCGP12	R_A2_PK
553740.00	4181200.00	6.60E+00	1.8	SRCGP12	R_A2_PK
553760.00	4181200.00	5.20E+00	1.8	SRCGP12	R_A2_PK
553780.00	4181200.00	3.49E+00	1.8	SRCGP12	R_A2_PK
553800.00	4181200.00	2.60E+00	1.8	SRCGP12	R_A2_PK
553820.00	4181200.00	2.07E+00	1.8	SRCGP12	R_A2_PK
553840.00	4181200.00	1.72E+00	1.8	SRCGP12	R_A2_PK
553860.00	4181200.00	1.46E+00	1.8	SRCGP12	R_A2_PK
553880.00	4181200.00	1.27E+00	1.8	SRCGP12	R_A2_PK
553900.00	4181200.00	1.12E+00	1.8	SRCGP12	R_A2_PK
553920.00	4181200.00	1.01E+00	1.8	SRCGP12	R_A2_PK
553840.00	4180920.00	2.21E+00	1.8	SRCGP12	R_A3_BE
553860.00	4180920.00	1.83E+00	1.8	SRCGP12	R_A3_BE
553820.00	4180940.00	2.75E+00	1.8	SRCGP12	R_A3_BE
553840.00	4180940.00	2.21E+00	1.8	SRCGP12	R_A3_BE
553860.00	4180940.00	1.84E+00	1.8	SRCGP12	R_A3_BE
553820.00	4181040.00	2.64E+00	1.8	SRCGP12	R_A3_BF
553840.00	4181040.00	2.15E+00	1.8	SRCGP12	R_A3_BF
553860.00	4181040.00	1.81E+00	1.8	SRCGP12	R_A3_BF
553820.00	4181060.00	2.64E+00	1.8	SRCGP12	R_A3_BF
553840.00	4181060.00	2.15E+00	1.8	SRCGP12	R_A3_BF
553860.00	4181060.00	1.80E+00	1.8	SRCGP12	R_A3_BF
553800.00	4180960.00	3.51E+00	1.8	SRCGP12	R_A3_SQ
553820.00	4180960.00	2.71E+00	1.8	SRCGP12	R_A3_SQ
553840.00	4180960.00	2.19E+00	1.8	SRCGP12	R_A3_SQ
553860.00	4180960.00	1.83E+00	1.8	SRCGP12	R_A3_SQ
553800.00	4180980.00	3.41E+00	1.8	SRCGP12	R_A3_SQ
553820.00	4180980.00	2.67E+00	1.8	SRCGP12	R_A3_SQ
553840.00	4180980.00	2.18E+00	1.8	SRCGP12	R_A3_SQ
553860.00	4180980.00	1.82E+00	1.8	SRCGP12	R_A3_SQ
553800.00	4181000.00	3.36E+00	1.8	SRCGP12	R_A3_SQ
553820.00	4181000.00	2.64E+00	1.8	SRCGP12	R_A3_SQ
553840.00	4181000.00	2.16E+00	1.8	SRCGP12	R_A3_SQ

553860.00	4181000.00	1.82E+00	1.8	SRCGP12	R_A3_SQ
553800.00	4181020.00	3.36E+00	1.8	SRCGP12	R_A3_SQ
553820.00	4181020.00	2.64E+00	1.8	SRCGP12	R_A3_SQ
553840.00	4181020.00	2.16E+00	1.8	SRCGP12	R_A3_SQ
553860.00	4181020.00	1.81E+00	1.8	SRCGP12	R_A3_SQ
553900.00	4180920.00	1.35E+00	1.8	SRCGP12	R_A4_BI
553920.00	4180920.00	1.18E+00	1.8	SRCGP12	R_A4_BI
553900.00	4180940.00	1.36E+00	1.8	SRCGP12	R_A4_BI
553920.00	4180940.00	1.19E+00	1.8	SRCGP12	R_A4_BI
553900.00	4180960.00	1.36E+00	1.8	SRCGP12	R_A4_BI
553920.00	4180960.00	1.20E+00	1.8	SRCGP12	R_A4_BI
553900.00	4181000.00	1.36E+00	1.8	SRCGP12	R_A4_BJ
553920.00	4181000.00	1.20E+00	1.8	SRCGP12	R_A4_BJ
553900.00	4181020.00	1.36E+00	1.8	SRCGP12	R_A4_BJ
553920.00	4181020.00	1.20E+00	1.8	SRCGP12	R_A4_BJ
553900.00	4181040.00	1.36E+00	1.8	SRCGP12	R_A4_BJ
553920.00	4181040.00	1.20E+00	1.8	SRCGP12	R_A4_BJ
553900.00	4181060.00	1.35E+00	1.8	SRCGP12	R_A4_BJ
553920.00	4181060.00	1.19E+00	1.8	SRCGP12	R_A4_BJ
553900.00	4181000.00	1.36E+00	1.8	SRCGP12	R_A4_BJ
553920.00	4181000.00	1.20E+00	1.8	SRCGP12	R_A4_BJ
553900.00	4180980.00	1.36E+00	1.8	SRCGP12	R_A4_CL
553920.00	4180980.00	1.20E+00	1.8	SRCGP12	R_A4_CL
553940.00	4180980.00	1.07E+00	1.8	SRCGP12	R_A4_CL
553880.00	4181000.00	1.56E+00	1.8	SRCGP12	R_A4_CL
553940.00	4181000.00	1.07E+00	1.8	SRCGP12	R_A4_CL
553940.00	4181080.00	1.06E+00	1.8	SRCGP12	R_A4_CL
553880.00	4180980.00	1.56E+00	1.8	SRCGP12	R_A4_CL
553600.00	4181380.00	3.74E+00	1.8	SRCGP12	R_ATT
553600.00	4181400.00	2.86E+00	1.8	SRCGP12	R_ATT
553620.00	4181340.00	5.11E+00	1.8	SRCGP12	R_ATT
553620.00	4181360.00	3.64E+00	1.8	SRCGP12	R_ATT
553620.00	4181380.00	2.80E+00	1.8	SRCGP12	R_ATT
553620.00	4181400.00	2.27E+00	1.8	SRCGP12	R_ATT
553620.00	4181420.00	1.91E+00	1.8	SRCGP12	R_ATT
553640.00	4181340.00	3.56E+00	1.8	SRCGP12	R_ATT
553640.00	4181320.00	4.95E+00	1.8	SRCGP12	R_ATT
553640.00	4181360.00	2.75E+00	1.8	SRCGP12	R_ATT
553640.00	4181380.00	2.24E+00	1.8	SRCGP12	R_ATT
553640.00	4181400.00	1.88E+00	1.8	SRCGP12	R_ATT
553640.00	4181420.00	1.63E+00	1.8	SRCGP12	R_ATT
553640.00	4181440.00	1.43E+00	1.8	SRCGP12	R_ATT
553660.00	4181320.00	3.49E+00	1.8	SRCGP12	R_ATT
553660.00	4181340.00	2.71E+00	1.8	SRCGP12	R_ATT
553660.00	4181360.00	2.21E+00	1.8	SRCGP12	R_ATT
553660.00	4181380.00	1.86E+00	1.8	SRCGP12	R_ATT
553660.00	4181400.00	1.61E+00	1.8	SRCGP12	R_ATT



553660.00	4181420.00	1.42E+00	1.8	SRCGP12	R_ATT
553660.00	4181440.00	1.27E+00	1.8	SRCGP12	R_ATT
553660.00	4181460.00	1.14E+00	1.8	SRCGP12	R_ATT
553680.00	4181360.00	1.85E+00	1.8	SRCGP12	R_ATT
553680.00	4181380.00	1.60E+00	1.8	SRCGP12	R_ATT
553680.00	4181400.00	1.41E+00	1.8	SRCGP12	R_ATT
553680.00	4181420.00	1.26E+00	1.8	SRCGP12	R_ATT
553680.00	4181440.00	1.14E+00	1.8	SRCGP12	R_ATT
553680.00	4181460.00	1.03E+00	1.8	SRCGP12	R_ATT
553680.00	4181480.00	9.43E-01	1.8	SRCGP12	R_ATT
553680.00	4181340.00	2.19E+00	1.8	SRCGP12	R_ATT
553680.00	4181320.00	2.68E+00	1.8	SRCGP12	R_ATT
553700.00	4181360.00	1.59E+00	1.8	SRCGP12	R_ATT
553700.00	4181380.00	1.40E+00	1.8	SRCGP12	R_ATT
553700.00	4181400.00	1.25E+00	1.8	SRCGP12	R_ATT
553700.00	4181420.00	1.13E+00	1.8	SRCGP12	R_ATT
553700.00	4181440.00	1.03E+00	1.8	SRCGP12	R_ATT
553700.00	4181460.00	9.41E-01	1.8	SRCGP12	R_ATT
553700.00	4181480.00	8.65E-01	1.8	SRCGP12	R_ATT
553700.00	4181500.00	7.97E-01	1.8	SRCGP12	R_ATT
553700.00	4181340.00	1.84E+00	1.8	SRCGP12	R_ATT
553700.00	4181320.00	2.18E+00	1.8	SRCGP12	R_ATT
553720.00	4181360.00	1.40E+00	1.8	SRCGP12	R_ATT
553720.00	4181380.00	1.25E+00	1.8	SRCGP12	R_ATT
553720.00	4181400.00	1.13E+00	1.8	SRCGP12	R_ATT
553720.00	4181420.00	1.03E+00	1.8	SRCGP12	R_ATT
553720.00	4181440.00	9.39E-01	1.8	SRCGP12	R_ATT
553720.00	4181460.00	8.64E-01	1.8	SRCGP12	R_ATT
553720.00	4181480.00	7.98E-01	1.8	SRCGP12	R_ATT
553720.00	4181500.00	7.39E-01	1.8	SRCGP12	R_ATT
553720.00	4181520.00	6.85E-01	1.8	SRCGP12	R_ATT
553720.00	4181340.00	1.59E+00	1.8	SRCGP12	R_ATT
553720.00	4181320.00	1.84E+00	1.8	SRCGP12	R_ATT
553740.00	4181360.00	1.25E+00	1.8	SRCGP12	R_ATT
553740.00	4181380.00	1.13E+00	1.8	SRCGP12	R_ATT
553740.00	4181400.00	1.02E+00	1.8	SRCGP12	R_ATT
553740.00	4181420.00	9.37E-01	1.8	SRCGP12	R_ATT
553740.00	4181440.00	8.63E-01	1.8	SRCGP12	R_ATT
553740.00	4181460.00	7.98E-01	1.8	SRCGP12	R_ATT
553740.00	4181480.00	7.40E-01	1.8	SRCGP12	R_ATT
553740.00	4181500.00	6.88E-01	1.8	SRCGP12	R_ATT
553740.00	4181520.00	6.40E-01	1.8	SRCGP12	R_ATT
553740.00	4181340.00	1.40E+00	1.8	SRCGP12	R_ATT
553740.00	4181320.00	1.60E+00	1.8	SRCGP12	R_ATT
553760.00	4181360.00	1.13E+00	1.8	SRCGP12	R_ATT
553760.00	4181380.00	1.02E+00	1.8	SRCGP12	R_ATT
553760.00	4181400.00	9.37E-01	1.8	SRCGP12	R_ATT

553760.00	4181420.00	8.63E-01	1.8	SRCGP12	R_ATT
553760.00	4181440.00	7.98E-01	1.8	SRCGP12	R_ATT
553760.00	4181460.00	7.41E-01	1.8	SRCGP12	R_ATT
553760.00	4181480.00	6.90E-01	1.8	SRCGP12	R_ATT
553760.00	4181500.00	6.43E-01	1.8	SRCGP12	R_ATT
553760.00	4181520.00	6.00E-01	1.8	SRCGP12	R_ATT
553760.00	4181340.00	1.25E+00	1.8	SRCGP12	R_ATT
553760.00	4181320.00	1.41E+00	1.8	SRCGP12	R_ATT
553780.00	4181360.00	1.03E+00	1.8	SRCGP12	R_ATT
553780.00	4181380.00	9.39E-01	1.8	SRCGP12	R_ATT
553780.00	4181400.00	8.64E-01	1.8	SRCGP12	R_ATT
553780.00	4181420.00	7.99E-01	1.8	SRCGP12	R_ATT
553780.00	4181440.00	7.42E-01	1.8	SRCGP12	R_ATT
553780.00	4181460.00	6.91E-01	1.8	SRCGP12	R_ATT
553780.00	4181480.00	6.45E-01	1.8	SRCGP12	R_ATT
553780.00	4181500.00	6.03E-01	1.8	SRCGP12	R_ATT
553780.00	4181520.00	5.65E-01	1.8	SRCGP12	R_ATT
553780.00	4181340.00	1.13E+00	1.8	SRCGP12	R_ATT
553800.00	4181360.00	9.43E-01	1.8	SRCGP12	R_ATT
553800.00	4181380.00	8.67E-01	1.8	SRCGP12	R_ATT
553800.00	4181400.00	8.01E-01	1.8	SRCGP12	R_ATT
553800.00	4181420.00	7.44E-01	1.8	SRCGP12	R_ATT
553800.00	4181440.00	6.93E-01	1.8	SRCGP12	R_ATT
553800.00	4181460.00	6.48E-01	1.8	SRCGP12	R_ATT
553800.00	4181480.00	6.06E-01	1.8	SRCGP12	R_ATT
553800.00	4181500.00	5.68E-01	1.8	SRCGP12	R_ATT
553800.00	4181520.00	5.33E-01	1.8	SRCGP12	R_ATT
553820.00	4181360.00	8.71E-01	1.8	SRCGP12	R_ATT
553820.00	4181380.00	8.04E-01	1.8	SRCGP12	R_ATT
553820.00	4181400.00	7.46E-01	1.8	SRCGP12	R_ATT
553820.00	4181420.00	6.95E-01	1.8	SRCGP12	R_ATT
553820.00	4181440.00	6.50E-01	1.8	SRCGP12	R_ATT
553820.00	4181460.00	6.09E-01	1.8	SRCGP12	R_ATT
553820.00	4181480.00	5.71E-01	1.8	SRCGP12	R_ATT
553820.00	4181500.00	5.36E-01	1.8	SRCGP12	R_ATT
553820.00	4181520.00	5.04E-01	1.8	SRCGP12	R_ATT
553840.00	4181360.00	8.08E-01	1.8	SRCGP12	R_ATT
553840.00	4181380.00	7.50E-01	1.8	SRCGP12	R_ATT
553840.00	4181400.00	6.98E-01	1.8	SRCGP12	R_ATT
553840.00	4181420.00	6.52E-01	1.8	SRCGP12	R_ATT
553840.00	4181440.00	6.11E-01	1.8	SRCGP12	R_ATT
553840.00	4181460.00	5.74E-01	1.8	SRCGP12	R_ATT
553840.00	4181480.00	5.40E-01	1.8	SRCGP12	R_ATT
553840.00	4181500.00	5.08E-01	1.8	SRCGP12	R_ATT
553840.00	4181520.00	4.78E-01	1.8	SRCGP12	R_ATT
553920.00	4180820.00	1.07E+00	1.8	SRCGP12	R_B4_BH
553940.00	4180820.00	9.58E-01	1.8	SRCGP12	R_B4_BH

553920.00	4180840.00	1.10E+00	1.8	SRCGP12	R_B4_BH
553940.00	4180840.00	9.83E-01	1.8	SRCGP12	R_B4_BH
553900.00	4180860.00	1.28E+00	1.8	SRCGP12	R_B4_BH
553920.00	4180860.00	1.13E+00	1.8	SRCGP12	R_B4_BH
553940.00	4180860.00	1.01E+00	1.8	SRCGP12	R_B4_BH
553900.00	4180880.00	1.31E+00	1.8	SRCGP12	R_B4_BH
553920.00	4180880.00	1.15E+00	1.8	SRCGP12	R_B4_BH
553960.00	4181040.00	9.67E-01	1.8	SRCGP12	R_PIER48
553980.00	4181040.00	8.78E-01	1.8	SRCGP12	R_PIER48
554000.00	4181040.00	8.02E-01	1.8	SRCGP12	R_PIER48
553960.00	4181060.00	9.63E-01	1.8	SRCGP12	R_PIER48
553980.00	4181060.00	8.74E-01	1.8	SRCGP12	R_PIER48
554000.00	4181060.00	7.99E-01	1.8	SRCGP12	R_PIER48
554020.00	4181060.00	7.34E-01	1.8	SRCGP12	R_PIER48
554040.00	4181060.00	6.78E-01	1.8	SRCGP12	R_PIER48
554060.00	4181060.00	6.29E-01	1.8	SRCGP12	R_PIER48
554080.00	4181060.00	5.86E-01	1.8	SRCGP12	R_PIER48
554100.00	4181060.00	5.48E-01	1.8	SRCGP12	R_PIER48
554120.00	4181060.00	5.14E-01	1.8	SRCGP12	R_PIER48
554140.00	4181060.00	4.83E-01	1.8	SRCGP12	R_PIER48
554160.00	4181060.00	4.55E-01	1.8	SRCGP12	R_PIER48
553960.00	4181080.00	9.55E-01	1.8	SRCGP12	R_PIER48
553980.00	4181080.00	8.68E-01	1.8	SRCGP12	R_PIER48
554000.00	4181080.00	7.93E-01	1.8	SRCGP12	R_PIER48
554020.00	4181080.00	7.29E-01	1.8	SRCGP12	R_PIER48
554040.00	4181080.00	6.74E-01	1.8	SRCGP12	R_PIER48
554060.00	4181080.00	6.25E-01	1.8	SRCGP12	R_PIER48
554080.00	4181080.00	5.82E-01	1.8	SRCGP12	R_PIER48
554100.00	4181080.00	5.44E-01	1.8	SRCGP12	R_PIER48
554120.00	4181080.00	5.10E-01	1.8	SRCGP12	R_PIER48
554140.00	4181080.00	4.80E-01	1.8	SRCGP12	R_PIER48
554160.00	4181080.00	4.52E-01	1.8	SRCGP12	R_PIER48
553960.00	4181100.00	9.45E-01	1.8	SRCGP12	R_PIER48
553980.00	4181100.00	8.58E-01	1.8	SRCGP12	R_PIER48
554000.00	4181100.00	7.85E-01	1.8	SRCGP12	R_PIER48
554020.00	4181100.00	7.21E-01	1.8	SRCGP12	R_PIER48
554040.00	4181100.00	6.67E-01	1.8	SRCGP12	R_PIER48
554060.00	4181100.00	6.19E-01	1.8	SRCGP12	R_PIER48
554080.00	4181100.00	5.76E-01	1.8	SRCGP12	R_PIER48
554100.00	4181100.00	5.39E-01	1.8	SRCGP12	R_PIER48
554120.00	4181100.00	5.05E-01	1.8	SRCGP12	R_PIER48
554140.00	4181100.00	4.75E-01	1.8	SRCGP12	R_PIER48
554160.00	4181100.00	4.48E-01	1.8	SRCGP12	R_PIER48
553960.00	4181120.00	9.30E-01	1.8	SRCGP12	R_PIER48
553980.00	4181120.00	8.45E-01	1.8	SRCGP12	R_PIER48
554000.00	4181120.00	7.73E-01	1.8	SRCGP12	R_PIER48
554020.00	4181120.00	7.11E-01	1.8	SRCGP12	R_PIER48

554040.00	4181120.00	6.57E-01	1.8	SRCGP12	R_PIER48
554060.00	4181120.00	6.10E-01	1.8	SRCGP12	R_PIER48
554080.00	4181120.00	5.69E-01	1.8	SRCGP12	R_PIER48
554100.00	4181120.00	5.32E-01	1.8	SRCGP12	R_PIER48
554120.00	4181120.00	4.99E-01	1.8	SRCGP12	R_PIER48
554140.00	4181120.00	4.70E-01	1.8	SRCGP12	R_PIER48
553940.00	4181140.00	1.01E+00	1.8	SRCGP12	R_PIER48
553960.00	4181140.00	9.10E-01	1.8	SRCGP12	R_PIER48
553980.00	4181140.00	8.28E-01	1.8	SRCGP12	R_PIER48
554000.00	4181140.00	7.58E-01	1.8	SRCGP12	R_PIER48
554020.00	4181140.00	6.98E-01	1.8	SRCGP12	R_PIER48
554040.00	4181140.00	6.46E-01	1.8	SRCGP12	R_PIER48
554060.00	4181140.00	6.00E-01	1.8	SRCGP12	R_PIER48
554080.00	4181140.00	5.60E-01	1.8	SRCGP12	R_PIER48
554100.00	4181140.00	5.24E-01	1.8	SRCGP12	R_PIER48
554120.00	4181140.00	4.92E-01	1.8	SRCGP12	R_PIER48
554140.00	4181140.00	4.63E-01	1.8	SRCGP12	R_PIER48
554040.00	4181160.00	6.32E-01	1.8	SRCGP12	R_PIER48
554060.00	4181160.00	5.88E-01	1.8	SRCGP12	R_PIER48
554080.00	4181160.00	5.49E-01	1.8	SRCGP12	R_PIER48
554100.00	4181160.00	5.15E-01	1.8	SRCGP12	R_PIER48
554120.00	4181160.00	4.84E-01	1.8	SRCGP12	R_PIER48
554140.00	4181160.00	4.56E-01	1.8	SRCGP12	R_PIER48
553980.00	4180780.00	7.58E-01	1.8	SRCGP12	R_PIER50
553980.00	4180800.00	7.75E-01	1.8	SRCGP12	R_PIER50
553980.00	4180820.00	7.92E-01	1.8	SRCGP12	R_PIER50
553980.00	4180840.00	8.09E-01	1.8	SRCGP12	R_PIER50
553980.00	4180860.00	8.24E-01	1.8	SRCGP12	R_PIER50
553980.00	4180880.00	8.38E-01	1.8	SRCGP12	R_PIER50
553980.00	4180900.00	8.50E-01	1.8	SRCGP12	R_PIER50
553980.00	4180920.00	8.59E-01	1.8	SRCGP12	R_PIER50
553980.00	4180940.00	8.67E-01	1.8	SRCGP12	R_PIER50
553980.00	4180960.00	8.73E-01	1.8	SRCGP12	R_PIER50
554000.00	4180720.00	6.63E-01	1.8	SRCGP12	R_PIER50
554000.00	4180740.00	6.73E-01	1.8	SRCGP12	R_PIER50
554000.00	4180760.00	6.85E-01	1.8	SRCGP12	R_PIER50
554000.00	4180780.00	6.99E-01	1.8	SRCGP12	R_PIER50
554000.00	4180800.00	7.13E-01	1.8	SRCGP12	R_PIER50
554000.00	4180820.00	7.27E-01	1.8	SRCGP12	R_PIER50
554000.00	4180840.00	7.41E-01	1.8	SRCGP12	R_PIER50
554000.00	4180860.00	7.54E-01	1.8	SRCGP12	R_PIER50
554000.00	4180880.00	7.66E-01	1.8	SRCGP12	R_PIER50
554000.00	4180900.00	7.77E-01	1.8	SRCGP12	R_PIER50
554000.00	4180920.00	7.85E-01	1.8	SRCGP12	R_PIER50
554000.00	4180940.00	7.92E-01	1.8	SRCGP12	R_PIER50
554000.00	4180960.00	7.97E-01	1.8	SRCGP12	R_PIER50
554020.00	4180840.00	6.84E-01	1.8	SRCGP12	R_PIER50

554020.00	4180860.00	6.95E-01	1.8	SRCGP12	R_PIER50
554020.00	4180880.00	7.05E-01	1.8	SRCGP12	R_PIER50
554020.00	4180900.00	7.14E-01	1.8	SRCGP12	R_PIER50
554020.00	4180920.00	7.22E-01	1.8	SRCGP12	R_PIER50
554020.00	4180940.00	7.28E-01	1.8	SRCGP12	R_PIER50
554020.00	4180960.00	7.33E-01	1.8	SRCGP12	R_PIER50
554040.00	4180840.00	6.34E-01	1.8	SRCGP12	R_PIER50
554040.00	4180860.00	6.44E-01	1.8	SRCGP12	R_PIER50
554040.00	4180880.00	6.52E-01	1.8	SRCGP12	R_PIER50
554040.00	4180900.00	6.60E-01	1.8	SRCGP12	R_PIER50
554040.00	4180920.00	6.67E-01	1.8	SRCGP12	R_PIER50
554040.00	4180940.00	6.73E-01	1.8	SRCGP12	R_PIER50
554040.00	4180960.00	6.77E-01	1.8	SRCGP12	R_PIER50
554060.00	4180840.00	5.90E-01	1.8	SRCGP12	R_PIER50
554060.00	4180860.00	5.99E-01	1.8	SRCGP12	R_PIER50
554060.00	4180880.00	6.06E-01	1.8	SRCGP12	R_PIER50
554060.00	4180900.00	6.13E-01	1.8	SRCGP12	R_PIER50
554060.00	4180920.00	6.19E-01	1.8	SRCGP12	R_PIER50
554060.00	4180940.00	6.24E-01	1.8	SRCGP12	R_PIER50
554060.00	4180960.00	6.28E-01	1.8	SRCGP12	R_PIER50
554080.00	4180840.00	5.52E-01	1.8	SRCGP12	R_PIER50
554080.00	4180860.00	5.59E-01	1.8	SRCGP12	R_PIER50
554080.00	4180880.00	5.66E-01	1.8	SRCGP12	R_PIER50
554080.00	4180900.00	5.72E-01	1.8	SRCGP12	R_PIER50
554080.00	4180920.00	5.77E-01	1.8	SRCGP12	R_PIER50
554080.00	4180940.00	5.82E-01	1.8	SRCGP12	R_PIER50
554080.00	4180960.00	5.85E-01	1.8	SRCGP12	R_PIER50
554100.00	4180840.00	5.18E-01	1.8	SRCGP12	R_PIER50
554100.00	4180860.00	5.24E-01	1.8	SRCGP12	R_PIER50
554100.00	4180880.00	5.30E-01	1.8	SRCGP12	R_PIER50
554100.00	4180900.00	5.36E-01	1.8	SRCGP12	R_PIER50
554100.00	4180920.00	5.40E-01	1.8	SRCGP12	R_PIER50
554100.00	4180940.00	5.44E-01	1.8	SRCGP12	R_PIER50
554100.00	4180960.00	5.48E-01	1.8	SRCGP12	R_PIER50
554120.00	4180840.00	4.87E-01	1.8	SRCGP12	R_PIER50
554120.00	4180860.00	4.93E-01	1.8	SRCGP12	R_PIER50
554120.00	4180880.00	4.98E-01	1.8	SRCGP12	R_PIER50
554120.00	4180900.00	5.03E-01	1.8	SRCGP12	R_PIER50
554120.00	4180920.00	5.07E-01	1.8	SRCGP12	R_PIER50
554120.00	4180940.00	5.11E-01	1.8	SRCGP12	R_PIER50
554120.00	4180960.00	5.14E-01	1.8	SRCGP12	R_PIER50
554140.00	4180840.00	4.60E-01	1.8	SRCGP12	R_PIER50
554140.00	4180860.00	4.65E-01	1.8	SRCGP12	R_PIER50
554140.00	4180880.00	4.70E-01	1.8	SRCGP12	R_PIER50
554140.00	4180900.00	4.74E-01	1.8	SRCGP12	R_PIER50
554140.00	4180920.00	4.78E-01	1.8	SRCGP12	R_PIER50
554140.00	4180940.00	4.81E-01	1.8	SRCGP12	R_PIER50

554140.00	4180960.00	4.83E-01	1.8	SRCGP12	R_PIER50
554160.00	4180840.00	4.35E-01	1.8	SRCGP12	R_PIER50
554160.00	4180860.00	4.40E-01	1.8	SRCGP12	R_PIER50
554160.00	4180880.00	4.44E-01	1.8	SRCGP12	R_PIER50
554160.00	4180900.00	4.48E-01	1.8	SRCGP12	R_PIER50
554160.00	4180920.00	4.51E-01	1.8	SRCGP12	R_PIER50
554160.00	4180940.00	4.54E-01	1.8	SRCGP12	R_PIER50
554160.00	4180960.00	4.56E-01	1.8	SRCGP12	R_PIER50
554180.00	4180840.00	4.13E-01	1.8	SRCGP12	R_PIER50
554180.00	4180860.00	4.17E-01	1.8	SRCGP12	R_PIER50
554180.00	4180880.00	4.21E-01	1.8	SRCGP12	R_PIER50
554180.00	4180900.00	4.24E-01	1.8	SRCGP12	R_PIER50
554180.00	4180920.00	4.27E-01	1.8	SRCGP12	R_PIER50
554180.00	4180940.00	4.30E-01	1.8	SRCGP12	R_PIER50
554180.00	4180960.00	4.31E-01	1.8	SRCGP12	R_PIER50
554200.00	4180840.00	3.92E-01	1.8	SRCGP12	R_PIER50
554200.00	4180860.00	3.96E-01	1.8	SRCGP12	R_PIER50
554200.00	4180880.00	3.99E-01	1.8	SRCGP12	R_PIER50
554200.00	4180900.00	4.02E-01	1.8	SRCGP12	R_PIER50
554200.00	4180920.00	4.05E-01	1.8	SRCGP12	R_PIER50
554200.00	4180940.00	4.07E-01	1.8	SRCGP12	R_PIER50
554200.00	4180960.00	4.09E-01	1.8	SRCGP12	R_PIER50
554220.00	4180840.00	3.73E-01	1.8	SRCGP12	R_PIER50
554220.00	4180860.00	3.77E-01	1.8	SRCGP12	R_PIER50
554220.00	4180880.00	3.80E-01	1.8	SRCGP12	R_PIER50
554220.00	4180900.00	3.83E-01	1.8	SRCGP12	R_PIER50
554220.00	4180920.00	3.85E-01	1.8	SRCGP12	R_PIER50
554220.00	4180940.00	3.87E-01	1.8	SRCGP12	R_PIER50
554220.00	4180960.00	3.89E-01	1.8	SRCGP12	R_PIER50
554240.00	4180820.00	3.53E-01	1.8	SRCGP12	R_PIER50
554240.00	4180840.00	3.56E-01	1.8	SRCGP12	R_PIER50
554240.00	4180860.00	3.59E-01	1.8	SRCGP12	R_PIER50
554240.00	4180880.00	3.62E-01	1.8	SRCGP12	R_PIER50
554240.00	4180900.00	3.64E-01	1.8	SRCGP12	R_PIER50
554240.00	4180920.00	3.67E-01	1.8	SRCGP12	R_PIER50
554240.00	4180940.00	3.68E-01	1.8	SRCGP12	R_PIER50
554240.00	4180960.00	3.70E-01	1.8	SRCGP12	R_PIER50
554260.00	4180820.00	3.37E-01	1.8	SRCGP12	R_PIER50
554260.00	4180840.00	3.40E-01	1.8	SRCGP12	R_PIER50
554260.00	4180860.00	3.43E-01	1.8	SRCGP12	R_PIER50
554260.00	4180880.00	3.46E-01	1.8	SRCGP12	R_PIER50
554260.00	4180900.00	3.48E-01	1.8	SRCGP12	R_PIER50
554260.00	4180920.00	3.50E-01	1.8	SRCGP12	R_PIER50
554260.00	4180940.00	3.51E-01	1.8	SRCGP12	R_PIER50
554260.00	4180960.00	3.52E-01	1.8	SRCGP12	R_PIER50
554280.00	4180800.00	3.20E-01	1.8	SRCGP12	R_PIER50
554280.00	4180820.00	3.23E-01	1.8	SRCGP12	R_PIER50

554280.00	4180840.00	3.26E-01	1.8	SRCGP12	R_PIER50
554280.00	4180860.00	3.28E-01	1.8	SRCGP12	R_PIER50
554280.00	4180880.00	3.30E-01	1.8	SRCGP12	R_PIER50
554280.00	4180900.00	3.32E-01	1.8	SRCGP12	R_PIER50
554280.00	4180920.00	3.34E-01	1.8	SRCGP12	R_PIER50
554280.00	4180940.00	3.36E-01	1.8	SRCGP12	R_PIER50
554280.00	4180960.00	3.37E-01	1.8	SRCGP12	R_PIER50
554300.00	4180780.00	3.05E-01	1.8	SRCGP12	R_PIER50
554300.00	4180800.00	3.07E-01	1.8	SRCGP12	R_PIER50
554300.00	4180820.00	3.10E-01	1.8	SRCGP12	R_PIER50
554300.00	4180840.00	3.12E-01	1.8	SRCGP12	R_PIER50
554300.00	4180860.00	3.14E-01	1.8	SRCGP12	R_PIER50
554300.00	4180880.00	3.16E-01	1.8	SRCGP12	R_PIER50
554300.00	4180900.00	3.18E-01	1.8	SRCGP12	R_PIER50
554300.00	4180920.00	3.20E-01	1.8	SRCGP12	R_PIER50
554300.00	4180940.00	3.21E-01	1.8	SRCGP12	R_PIER50
554300.00	4180960.00	3.22E-01	1.8	SRCGP12	R_PIER50
554320.00	4180780.00	2.93E-01	1.8	SRCGP12	R_PIER50
554320.00	4180800.00	2.95E-01	1.8	SRCGP12	R_PIER50
554320.00	4180820.00	2.97E-01	1.8	SRCGP12	R_PIER50
554320.00	4180840.00	2.99E-01	1.8	SRCGP12	R_PIER50
554320.00	4180860.00	3.01E-01	1.8	SRCGP12	R_PIER50
554320.00	4180880.00	3.03E-01	1.8	SRCGP12	R_PIER50
554320.00	4180900.00	3.05E-01	1.8	SRCGP12	R_PIER50
554320.00	4180920.00	3.06E-01	1.8	SRCGP12	R_PIER50
554320.00	4180940.00	3.07E-01	1.8	SRCGP12	R_PIER50
554320.00	4180960.00	3.08E-01	1.8	SRCGP12	R_PIER50
554340.00	4180760.00	2.79E-01	1.8	SRCGP12	R_PIER50
554340.00	4180780.00	2.81E-01	1.8	SRCGP12	R_PIER50
554340.00	4180800.00	2.84E-01	1.8	SRCGP12	R_PIER50
554340.00	4180820.00	2.86E-01	1.8	SRCGP12	R_PIER50
554340.00	4180840.00	2.88E-01	1.8	SRCGP12	R_PIER50
554340.00	4180860.00	2.90E-01	1.8	SRCGP12	R_PIER50
554340.00	4180880.00	2.91E-01	1.8	SRCGP12	R_PIER50
554340.00	4180900.00	2.93E-01	1.8	SRCGP12	R_PIER50
554340.00	4180920.00	2.94E-01	1.8	SRCGP12	R_PIER50
554340.00	4180940.00	2.95E-01	1.8	SRCGP12	R_PIER50
554340.00	4180960.00	2.95E-01	1.8	SRCGP12	R_PIER50
554360.00	4180760.00	2.69E-01	1.8	SRCGP12	R_PIER50
554360.00	4180780.00	2.71E-01	1.8	SRCGP12	R_PIER50
554360.00	4180800.00	2.73E-01	1.8	SRCGP12	R_PIER50
554360.00	4180820.00	2.75E-01	1.8	SRCGP12	R_PIER50
554360.00	4180840.00	2.77E-01	1.8	SRCGP12	R_PIER50
554360.00	4180860.00	2.78E-01	1.8	SRCGP12	R_PIER50
554360.00	4180880.00	2.80E-01	1.8	SRCGP12	R_PIER50
554360.00	4180900.00	2.81E-01	1.8	SRCGP12	R_PIER50
554360.00	4180920.00	2.82E-01	1.8	SRCGP12	R_PIER50

554360.00	4180940.00	2.83E-01	1.8	SRCGP12	R_PIER50
554360.00	4180960.00	2.84E-01	1.8	SRCGP12	R_PIER50
554380.00	4180740.00	2.57E-01	1.8	SRCGP12	R_PIER50
554380.00	4180760.00	2.59E-01	1.8	SRCGP12	R_PIER50
554380.00	4180780.00	2.61E-01	1.8	SRCGP12	R_PIER50
554380.00	4180800.00	2.63E-01	1.8	SRCGP12	R_PIER50
554380.00	4180820.00	2.65E-01	1.8	SRCGP12	R_PIER50
554380.00	4180840.00	2.66E-01	1.8	SRCGP12	R_PIER50
554380.00	4180860.00	2.68E-01	1.8	SRCGP12	R_PIER50
554380.00	4180880.00	2.69E-01	1.8	SRCGP12	R_PIER50
554380.00	4180900.00	2.70E-01	1.8	SRCGP12	R_PIER50
554380.00	4180920.00	2.71E-01	1.8	SRCGP12	R_PIER50
554380.00	4180940.00	2.72E-01	1.8	SRCGP12	R_PIER50
554380.00	4180960.00	2.73E-01	1.8	SRCGP12	R_PIER50
554400.00	4180740.00	2.48E-01	1.8	SRCGP12	R_PIER50
554400.00	4180760.00	2.50E-01	1.8	SRCGP12	R_PIER50
554400.00	4180780.00	2.52E-01	1.8	SRCGP12	R_PIER50
554400.00	4180800.00	2.53E-01	1.8	SRCGP12	R_PIER50
554400.00	4180820.00	2.55E-01	1.8	SRCGP12	R_PIER50
554400.00	4180840.00	2.57E-01	1.8	SRCGP12	R_PIER50
554400.00	4180860.00	2.58E-01	1.8	SRCGP12	R_PIER50
554400.00	4180880.00	2.59E-01	1.8	SRCGP12	R_PIER50
554400.00	4180900.00	2.60E-01	1.8	SRCGP12	R_PIER50
554400.00	4180920.00	2.61E-01	1.8	SRCGP12	R_PIER50
554400.00	4180940.00	2.62E-01	1.8	SRCGP12	R_PIER50
554400.00	4180960.00	2.62E-01	1.8	SRCGP12	R_PIER50
554420.00	4180720.00	2.38E-01	1.8	SRCGP12	R_PIER50
554420.00	4180740.00	2.40E-01	1.8	SRCGP12	R_PIER50
554420.00	4180760.00	2.41E-01	1.8	SRCGP12	R_PIER50
554420.00	4180780.00	2.43E-01	1.8	SRCGP12	R_PIER50
554420.00	4180800.00	2.45E-01	1.8	SRCGP12	R_PIER50
554420.00	4180820.00	2.46E-01	1.8	SRCGP12	R_PIER50
554420.00	4180840.00	2.48E-01	1.8	SRCGP12	R_PIER50
554420.00	4180860.00	2.49E-01	1.8	SRCGP12	R_PIER50
554420.00	4180880.00	2.50E-01	1.8	SRCGP12	R_PIER50
554420.00	4180900.00	2.51E-01	1.8	SRCGP12	R_PIER50
554420.00	4180920.00	2.52E-01	1.8	SRCGP12	R_PIER50
554420.00	4180940.00	2.52E-01	1.8	SRCGP12	R_PIER50
554420.00	4180960.00	2.53E-01	1.8	SRCGP12	R_PIER50
554440.00	4180720.00	2.30E-01	1.8	SRCGP12	R_PIER50
554440.00	4180740.00	2.32E-01	1.8	SRCGP12	R_PIER50
554440.00	4180760.00	2.33E-01	1.8	SRCGP12	R_PIER50
554440.00	4180780.00	2.35E-01	1.8	SRCGP12	R_PIER50
554440.00	4180800.00	2.36E-01	1.8	SRCGP12	R_PIER50
554440.00	4180820.00	2.38E-01	1.8	SRCGP12	R_PIER50
554440.00	4180840.00	2.39E-01	1.8	SRCGP12	R_PIER50
554440.00	4180860.00	2.40E-01	1.8	SRCGP12	R_PIER50



554440.00	4180880.00	2.41E-01	1.8	SRCGP12	R_PIER50
554440.00	4180900.00	2.42E-01	1.8	SRCGP12	R_PIER50
554440.00	4180920.00	2.43E-01	1.8	SRCGP12	R_PIER50
554440.00	4180940.00	2.43E-01	1.8	SRCGP12	R_PIER50
554440.00	4180960.00	2.43E-01	1.8	SRCGP12	R_PIER50
553680.00	4180480.00	1.48E+00	1.8	SRCGP12	Sensitive
553360.00	4181000.00	4.48E-01	1.8	SRCGP12	Sensitive
553160.00	4180800.00	2.48E-01	1.8	SRCGP12	Sensitive
552940.00	4180980.00	1.83E-01	1.8	SRCGP12	Sensitive
553440.00	4180240.00	3.76E-01	1.8	SRCGP12	Sensitive
553920.00	4180800.00	1.04E+00	1.8	SRCGP12	Sensitive
553400.00	4180440.00	3.48E-01	1.8	SRCGP12	Sensitive
553920.00	4180000.00	1.33E+00	1.8	SRCGP12	Sensitive
553560.00	4180360.00	5.84E-01	1.8	SRCGP12	Sensitive
553360.00	4180340.00	3.07E-01	1.8	SRCGP12	Sensitive
553160.00	4181180.00	3.44E-01	1.8	SRCGP12	Sensitive

**Annual Average Concentraion at Each Receptor Location: Mission Rock Construction Scenario - Source Grou**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	4.17E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180540.00	4.22E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180560.00	4.28E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180580.00	4.35E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180600.00	4.43E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180620.00	4.51E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180640.00	4.60E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180660.00	4.70E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180720.00	5.03E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180740.00	5.14E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180760.00	5.24E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180780.00	5.34E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180800.00	5.43E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180840.00	5.59E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180860.00	5.67E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180880.00	5.74E-01	1.8	SRCGP13	OFF_SITE
553440.00	4180900.00	5.81E-01	1.8	SRCGP13	OFF_SITE
553440.00	4181020.00	6.15E-01	1.8	SRCGP13	OFF_SITE
553440.00	4181040.00	6.19E-01	1.8	SRCGP13	OFF_SITE
553440.00	4181060.00	6.24E-01	1.8	SRCGP13	OFF_SITE
553440.00	4181080.00	6.31E-01	1.8	SRCGP13	OFF_SITE
553440.00	4181160.00	6.83E-01	1.8	SRCGP13	OFF_SITE
553440.00	4181180.00	7.07E-01	1.8	SRCGP13	OFF_SITE
553440.00	4181200.00	7.37E-01	1.8	SRCGP13	OFF_SITE
553440.00	4181220.00	7.74E-01	1.8	SRCGP13	OFF_SITE
553440.00	4181240.00	8.21E-01	1.8	SRCGP13	OFF_SITE
553440.00	4181260.00	8.79E-01	1.8	SRCGP13	OFF_SITE
553440.00	4181300.00	1.04E+00	1.8	SRCGP13	OFF_SITE
553440.00	4181320.00	1.15E+00	1.8	SRCGP13	OFF_SITE
553440.00	4181340.00	1.29E+00	1.8	SRCGP13	OFF_SITE
553440.00	4181360.00	1.48E+00	1.8	SRCGP13	OFF_SITE
553440.00	4181380.00	1.73E+00	1.8	SRCGP13	OFF_SITE
553440.00	4181400.00	2.08E+00	1.8	SRCGP13	OFF_SITE
553440.00	4181420.00	2.58E+00	1.8	SRCGP13	OFF_SITE
553440.00	4181440.00	3.38E+00	1.8	SRCGP13	OFF_SITE
553440.00	4181460.00	4.82E+00	1.8	SRCGP13	OFF_SITE
553440.00	4181480.00	8.34E+00	1.8	SRCGP13	OFF_SITE
553460.00	4180520.00	4.45E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180540.00	4.51E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180560.00	4.58E-01	1.8	SRCGP13	OFF_SITE

553460.00	4180580.00	4.65E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180600.00	4.73E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180620.00	4.83E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180640.00	4.93E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180660.00	5.04E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180700.00	5.29E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180740.00	5.55E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180760.00	5.67E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180780.00	5.78E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180800.00	5.89E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180820.00	5.99E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180860.00	6.17E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180880.00	6.26E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180900.00	6.34E-01	1.8	SRCGP13	OFF_SITE
553460.00	4180920.00	6.42E-01	1.8	SRCGP13	OFF_SITE
553460.00	4181040.00	6.75E-01	1.8	SRCGP13	OFF_SITE
553460.00	4181060.00	6.80E-01	1.8	SRCGP13	OFF_SITE
553460.00	4181120.00	7.05E-01	1.8	SRCGP13	OFF_SITE
553460.00	4181140.00	7.20E-01	1.8	SRCGP13	OFF_SITE
553460.00	4181180.00	7.67E-01	1.8	SRCGP13	OFF_SITE
553460.00	4181200.00	8.00E-01	1.8	SRCGP13	OFF_SITE
553460.00	4181220.00	8.43E-01	1.8	SRCGP13	OFF_SITE
553460.00	4181240.00	8.97E-01	1.8	SRCGP13	OFF_SITE
553460.00	4181260.00	9.66E-01	1.8	SRCGP13	OFF_SITE
553460.00	4181280.00	1.05E+00	1.8	SRCGP13	OFF_SITE
553460.00	4181320.00	1.30E+00	1.8	SRCGP13	OFF_SITE
553460.00	4181340.00	1.48E+00	1.8	SRCGP13	OFF_SITE
553460.00	4181360.00	1.73E+00	1.8	SRCGP13	OFF_SITE
553460.00	4181380.00	2.09E+00	1.8	SRCGP13	OFF_SITE
553460.00	4181400.00	2.60E+00	1.8	SRCGP13	OFF_SITE
553460.00	4181420.00	3.44E+00	1.8	SRCGP13	OFF_SITE
553460.00	4181440.00	4.97E+00	1.8	SRCGP13	OFF_SITE
553460.00	4181460.00	8.91E+00	1.8	SRCGP13	OFF_SITE
553460.00	4181500.00	7.29E+00	1.8	SRCGP13	OFF_SITE
553460.00	4181520.00	5.31E+00	1.8	SRCGP13	OFF_SITE
553480.00	4180520.00	4.78E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180540.00	4.84E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180560.00	4.92E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180580.00	5.00E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180600.00	5.09E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180620.00	5.19E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180640.00	5.30E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180660.00	5.43E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180700.00	5.71E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180720.00	5.87E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180760.00	6.17E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180780.00	6.31E-01	1.8	SRCGP13	OFF_SITE

553480.00	4180800.00	6.44E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180820.00	6.56E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180840.00	6.66E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180880.00	6.87E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180900.00	6.96E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180920.00	7.05E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180940.00	7.13E-01	1.8	SRCGP13	OFF_SITE
553480.00	4180960.00	7.20E-01	1.8	SRCGP13	OFF_SITE
553480.00	4181040.00	7.42E-01	1.8	SRCGP13	OFF_SITE
553480.00	4181080.00	7.52E-01	1.8	SRCGP13	OFF_SITE
553480.00	4181100.00	7.60E-01	1.8	SRCGP13	OFF_SITE
553480.00	4181120.00	7.71E-01	1.8	SRCGP13	OFF_SITE
553480.00	4181140.00	7.86E-01	1.8	SRCGP13	OFF_SITE
553480.00	4181160.00	8.08E-01	1.8	SRCGP13	OFF_SITE
553480.00	4181200.00	8.76E-01	1.8	SRCGP13	OFF_SITE
553480.00	4181220.00	9.26E-01	1.8	SRCGP13	OFF_SITE
553480.00	4181240.00	9.90E-01	1.8	SRCGP13	OFF_SITE
553480.00	4181260.00	1.07E+00	1.8	SRCGP13	OFF_SITE
553480.00	4181280.00	1.18E+00	1.8	SRCGP13	OFF_SITE
553480.00	4181300.00	1.31E+00	1.8	SRCGP13	OFF_SITE
553480.00	4181340.00	1.75E+00	1.8	SRCGP13	OFF_SITE
553480.00	4181360.00	2.11E+00	1.8	SRCGP13	OFF_SITE
553480.00	4181380.00	2.64E+00	1.8	SRCGP13	OFF_SITE
553480.00	4181400.00	3.51E+00	1.8	SRCGP13	OFF_SITE
553480.00	4181420.00	5.16E+00	1.8	SRCGP13	OFF_SITE
553480.00	4181440.00	6.53E+00	1.8	SRCGP13	OFF_SITE
553480.00	4181480.00	6.83E+00	1.8	SRCGP13	OFF_SITE
553480.00	4181500.00	5.03E+00	1.8	SRCGP13	OFF_SITE
553480.00	4181520.00	3.39E+00	1.8	SRCGP13	OFF_SITE
553500.00	4180520.00	5.16E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180540.00	5.23E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180560.00	5.31E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180580.00	5.40E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180600.00	5.51E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180620.00	5.62E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180640.00	5.74E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180660.00	5.88E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180700.00	6.21E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180720.00	6.39E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180740.00	6.57E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180780.00	6.93E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180800.00	7.08E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180820.00	7.23E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180840.00	7.36E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180860.00	7.48E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180900.00	7.70E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180920.00	7.81E-01	1.8	SRCGP13	OFF_SITE

553500.00	4180940.00	7.90E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180960.00	7.98E-01	1.8	SRCGP13	OFF_SITE
553500.00	4180980.00	8.06E-01	1.8	SRCGP13	OFF_SITE
553500.00	4181000.00	8.12E-01	1.8	SRCGP13	OFF_SITE
553500.00	4181060.00	8.27E-01	1.8	SRCGP13	OFF_SITE
553500.00	4181080.00	8.32E-01	1.8	SRCGP13	OFF_SITE
553500.00	4181100.00	8.38E-01	1.8	SRCGP13	OFF_SITE
553500.00	4181120.00	8.49E-01	1.8	SRCGP13	OFF_SITE
553500.00	4181140.00	8.65E-01	1.8	SRCGP13	OFF_SITE
553500.00	4181160.00	8.89E-01	1.8	SRCGP13	OFF_SITE
553500.00	4181180.00	9.22E-01	1.8	SRCGP13	OFF_SITE
553500.00	4181220.00	1.03E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181240.00	1.10E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181260.00	1.21E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181280.00	1.34E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181300.00	1.52E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181320.00	1.78E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181360.00	2.69E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181380.00	3.60E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181400.00	5.37E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181420.00	6.82E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181460.00	6.42E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181480.00	4.78E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181500.00	3.27E+00	1.8	SRCGP13	OFF_SITE
553500.00	4181520.00	2.52E+00	1.8	SRCGP13	OFF_SITE
553520.00	4180520.00	5.60E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180540.00	5.69E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180560.00	5.78E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180580.00	5.88E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180600.00	5.99E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180620.00	6.12E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180640.00	6.26E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180660.00	6.41E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180700.00	6.79E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180720.00	7.00E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180740.00	7.23E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180760.00	7.45E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180800.00	7.86E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180820.00	8.04E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180840.00	8.20E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180860.00	8.35E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180880.00	8.48E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180920.00	8.73E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180940.00	8.84E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180960.00	8.93E-01	1.8	SRCGP13	OFF_SITE
553520.00	4180980.00	9.02E-01	1.8	SRCGP13	OFF_SITE
553520.00	4181000.00	9.09E-01	1.8	SRCGP13	OFF_SITE

553520.00	4181080.00	9.28E-01	1.8	SRCGP13	OFF_SITE
553520.00	4181100.00	9.34E-01	1.8	SRCGP13	OFF_SITE
553520.00	4181120.00	9.44E-01	1.8	SRCGP13	OFF_SITE
553520.00	4181140.00	9.61E-01	1.8	SRCGP13	OFF_SITE
553520.00	4181160.00	9.86E-01	1.8	SRCGP13	OFF_SITE
553520.00	4181180.00	1.02E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181200.00	1.08E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181240.00	1.25E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181260.00	1.38E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181280.00	1.56E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181300.00	1.81E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181320.00	2.19E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181340.00	2.76E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181380.00	5.62E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181400.00	7.13E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181440.00	8.28E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181460.00	4.56E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181480.00	3.16E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181500.00	2.45E+00	1.8	SRCGP13	OFF_SITE
553520.00	4181520.00	2.02E+00	1.8	SRCGP13	OFF_SITE
553540.00	4180520.00	6.13E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180540.00	6.23E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180560.00	6.33E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180580.00	6.45E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180600.00	6.58E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180620.00	6.72E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180640.00	6.87E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180660.00	7.05E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180700.00	7.48E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180720.00	7.74E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180740.00	8.01E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180760.00	8.29E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180780.00	8.56E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180820.00	9.05E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180840.00	9.25E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180860.00	9.42E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180880.00	9.58E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180900.00	9.73E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180940.00	9.99E-01	1.8	SRCGP13	OFF_SITE
553540.00	4180960.00	1.01E+00	1.8	SRCGP13	OFF_SITE
553540.00	4180980.00	1.02E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181100.00	1.05E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181120.00	1.06E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181140.00	1.08E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181160.00	1.11E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181180.00	1.15E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181200.00	1.21E+00	1.8	SRCGP13	OFF_SITE

553540.00	4181220.00	1.30E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181260.00	1.61E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181280.00	1.86E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181300.00	2.24E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181320.00	2.83E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181340.00	3.84E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181360.00	5.90E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181420.00	7.68E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181440.00	4.36E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181460.00	3.06E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181480.00	2.39E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181500.00	1.98E+00	1.8	SRCGP13	OFF_SITE
553540.00	4181520.00	1.70E+00	1.8	SRCGP13	OFF_SITE
553560.00	4180520.00	6.77E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180540.00	6.88E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180560.00	7.01E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180580.00	7.14E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180600.00	7.29E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180620.00	7.45E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180640.00	7.63E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180660.00	7.83E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180700.00	8.33E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180720.00	8.63E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180740.00	8.97E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180760.00	9.32E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180780.00	9.67E-01	1.8	SRCGP13	OFF_SITE
553560.00	4180800.00	1.00E+00	1.8	SRCGP13	OFF_SITE
553560.00	4180840.00	1.06E+00	1.8	SRCGP13	OFF_SITE
553560.00	4180860.00	1.08E+00	1.8	SRCGP13	OFF_SITE
553560.00	4180880.00	1.10E+00	1.8	SRCGP13	OFF_SITE
553560.00	4180900.00	1.11E+00	1.8	SRCGP13	OFF_SITE
553560.00	4180920.00	1.13E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181000.00	1.18E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181020.00	1.19E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181120.00	1.21E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181140.00	1.23E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181160.00	1.26E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181180.00	1.31E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181200.00	1.38E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181220.00	1.50E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181240.00	1.67E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181280.00	2.32E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181300.00	2.92E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181320.00	3.98E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181340.00	6.22E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181420.00	4.17E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181440.00	2.97E+00	1.8	SRCGP13	OFF_SITE

553560.00	4181460.00	2.34E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181480.00	1.95E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181500.00	1.68E+00	1.8	SRCGP13	OFF_SITE
553560.00	4181520.00	1.47E+00	1.8	SRCGP13	OFF_SITE
553580.00	4180520.00	7.56E-01	1.8	SRCGP13	OFF_SITE
553580.00	4180540.00	7.69E-01	1.8	SRCGP13	OFF_SITE
553580.00	4180560.00	7.84E-01	1.8	SRCGP13	OFF_SITE
553580.00	4180580.00	8.00E-01	1.8	SRCGP13	OFF_SITE
553580.00	4180600.00	8.17E-01	1.8	SRCGP13	OFF_SITE
553580.00	4180620.00	8.36E-01	1.8	SRCGP13	OFF_SITE
553580.00	4180640.00	8.57E-01	1.8	SRCGP13	OFF_SITE
553580.00	4180660.00	8.80E-01	1.8	SRCGP13	OFF_SITE
553580.00	4180700.00	9.38E-01	1.8	SRCGP13	OFF_SITE
553580.00	4180720.00	9.74E-01	1.8	SRCGP13	OFF_SITE
553580.00	4180740.00	1.02E+00	1.8	SRCGP13	OFF_SITE
553580.00	4180760.00	1.06E+00	1.8	SRCGP13	OFF_SITE
553580.00	4180780.00	1.11E+00	1.8	SRCGP13	OFF_SITE
553580.00	4180800.00	1.15E+00	1.8	SRCGP13	OFF_SITE
553580.00	4180820.00	1.19E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181000.00	1.38E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181020.00	1.39E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181040.00	1.39E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181140.00	1.42E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181160.00	1.45E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181180.00	1.51E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181200.00	1.61E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181220.00	1.77E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181240.00	2.02E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181260.00	2.41E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181300.00	4.15E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181320.00	6.59E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181440.00	2.28E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181460.00	1.91E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181480.00	1.65E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181500.00	1.45E+00	1.8	SRCGP13	OFF_SITE
553580.00	4181520.00	1.29E+00	1.8	SRCGP13	OFF_SITE
553600.00	4180800.00	1.35E+00	1.8	SRCGP13	OFF_SITE
553600.00	4180820.00	1.41E+00	1.8	SRCGP13	OFF_SITE
553600.00	4180840.00	1.46E+00	1.8	SRCGP13	OFF_SITE
553600.00	4180860.00	1.50E+00	1.8	SRCGP13	OFF_SITE
553600.00	4180900.00	1.55E+00	1.8	SRCGP13	OFF_SITE
553600.00	4180920.00	1.57E+00	1.8	SRCGP13	OFF_SITE
553600.00	4180940.00	1.59E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181000.00	1.64E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181020.00	1.66E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181040.00	1.66E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181060.00	1.67E+00	1.8	SRCGP13	OFF_SITE



553600.00	4181160.00	1.71E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181180.00	1.78E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181200.00	1.91E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181220.00	2.15E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181240.00	2.53E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181260.00	3.17E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181280.00	4.34E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181460.00	1.63E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181480.00	1.44E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181500.00	1.28E+00	1.8	SRCGP13	OFF_SITE
553600.00	4181520.00	1.15E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180520.00	9.88E-01	1.8	SRCGP13	OFF_SITE
553620.00	4180540.00	1.01E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180560.00	1.03E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180600.00	1.08E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180620.00	1.11E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180640.00	1.14E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180660.00	1.17E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180700.00	1.25E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180720.00	1.31E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180740.00	1.37E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180760.00	1.45E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180780.00	1.53E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180800.00	1.62E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180820.00	1.70E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180840.00	1.77E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180860.00	1.83E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180900.00	1.90E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180920.00	1.92E+00	1.8	SRCGP13	OFF_SITE
553620.00	4180940.00	1.94E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181000.00	2.01E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181020.00	2.03E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181040.00	2.04E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181060.00	2.04E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181080.00	2.05E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181180.00	2.16E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181200.00	2.35E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181220.00	2.70E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181240.00	3.34E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181260.00	4.57E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181280.00	7.50E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181480.00	1.27E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181500.00	1.15E+00	1.8	SRCGP13	OFF_SITE
553620.00	4181520.00	1.04E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180520.00	1.16E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180540.00	1.19E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180560.00	1.22E+00	1.8	SRCGP13	OFF_SITE

553640.00	4180600.00	1.28E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180620.00	1.32E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180640.00	1.36E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180660.00	1.40E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180700.00	1.51E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180720.00	1.58E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180740.00	1.66E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180760.00	1.76E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180780.00	1.88E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180800.00	2.01E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180820.00	2.14E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180840.00	2.24E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180860.00	2.33E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180900.00	2.43E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180920.00	2.45E+00	1.8	SRCGP13	OFF_SITE
553640.00	4180940.00	2.46E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181000.00	2.56E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181020.00	2.59E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181040.00	2.61E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181060.00	2.62E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181080.00	2.62E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181100.00	2.62E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181200.00	3.01E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181220.00	3.61E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181240.00	4.86E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181260.00	8.09E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181500.00	1.04E+00	1.8	SRCGP13	OFF_SITE
553640.00	4181520.00	9.45E-01	1.8	SRCGP13	OFF_SITE
553660.00	4180520.00	1.42E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180540.00	1.46E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180560.00	1.50E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180600.00	1.59E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180620.00	1.64E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180640.00	1.69E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180660.00	1.75E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180700.00	1.90E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180720.00	1.99E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180740.00	2.11E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180760.00	2.24E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180780.00	2.42E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180800.00	2.63E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180820.00	2.84E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180840.00	3.02E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180860.00	3.16E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180900.00	3.30E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180920.00	3.32E+00	1.8	SRCGP13	OFF_SITE
553660.00	4180940.00	3.32E+00	1.8	SRCGP13	OFF_SITE

553660.00	4181000.00	3.47E+00	1.8	SRCGP13	OFF_SITE
553660.00	4181020.00	3.53E+00	1.8	SRCGP13	OFF_SITE
553660.00	4181040.00	3.57E+00	1.8	SRCGP13	OFF_SITE
553660.00	4181060.00	3.58E+00	1.8	SRCGP13	OFF_SITE
553660.00	4181080.00	3.59E+00	1.8	SRCGP13	OFF_SITE
553660.00	4181100.00	3.58E+00	1.8	SRCGP13	OFF_SITE
553660.00	4181120.00	3.56E+00	1.8	SRCGP13	OFF_SITE
553660.00	4181220.00	5.31E+00	1.8	SRCGP13	OFF_SITE
553660.00	4181240.00	8.83E+00	1.8	SRCGP13	OFF_SITE
553660.00	4181520.00	8.65E-01	1.8	SRCGP13	OFF_SITE
553680.00	4180520.00	1.83E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180540.00	1.89E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180560.00	1.95E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180600.00	2.09E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180620.00	2.17E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180640.00	2.25E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180660.00	2.35E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180700.00	2.57E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180720.00	2.71E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180740.00	2.87E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180760.00	3.08E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180780.00	3.36E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180800.00	3.72E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180820.00	4.12E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180840.00	4.46E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180860.00	4.69E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180900.00	4.90E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180920.00	4.92E+00	1.8	SRCGP13	OFF_SITE
553680.00	4180940.00	4.89E+00	1.8	SRCGP13	OFF_SITE
553680.00	4181000.00	5.15E+00	1.8	SRCGP13	OFF_SITE
553680.00	4181020.00	5.29E+00	1.8	SRCGP13	OFF_SITE
553680.00	4181040.00	5.36E+00	1.8	SRCGP13	OFF_SITE
553680.00	4181060.00	5.39E+00	1.8	SRCGP13	OFF_SITE
553680.00	4181080.00	5.40E+00	1.8	SRCGP13	OFF_SITE
553680.00	4181100.00	5.38E+00	1.8	SRCGP13	OFF_SITE
553680.00	4181120.00	5.35E+00	1.8	SRCGP13	OFF_SITE
553680.00	4181140.00	5.31E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180520.00	2.54E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180540.00	2.64E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180560.00	2.75E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180600.00	3.01E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180620.00	3.15E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180640.00	3.31E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180660.00	3.49E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180700.00	3.92E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180720.00	4.18E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180740.00	4.49E+00	1.8	SRCGP13	OFF_SITE

553700.00	4180760.00	4.88E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180780.00	5.39E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180800.00	6.12E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180820.00	7.08E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180840.00	7.86E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180860.00	8.29E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180900.00	8.61E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180920.00	8.63E+00	1.8	SRCGP13	OFF_SITE
553700.00	4180940.00	8.55E+00	1.8	SRCGP13	OFF_SITE
553700.00	4181000.00	9.35E+00	1.8	SRCGP13	OFF_SITE
553700.00	4181020.00	9.75E+00	1.8	SRCGP13	OFF_SITE
553700.00	4181040.00	9.89E+00	1.8	SRCGP13	OFF_SITE
553700.00	4181060.00	9.94E+00	1.8	SRCGP13	OFF_SITE
553700.00	4181080.00	9.95E+00	1.8	SRCGP13	OFF_SITE
553700.00	4181100.00	9.93E+00	1.8	SRCGP13	OFF_SITE
553700.00	4181120.00	9.88E+00	1.8	SRCGP13	OFF_SITE
553700.00	4181140.00	9.80E+00	1.8	SRCGP13	OFF_SITE
553720.00	4180520.00	4.02E+00	1.8	SRCGP13	OFF_SITE
553720.00	4180540.00	4.27E+00	1.8	SRCGP13	OFF_SITE
553720.00	4180560.00	4.54E+00	1.8	SRCGP13	OFF_SITE
553720.00	4180600.00	5.20E+00	1.8	SRCGP13	OFF_SITE
553720.00	4180620.00	5.60E+00	1.8	SRCGP13	OFF_SITE
553720.00	4180640.00	6.08E+00	1.8	SRCGP13	OFF_SITE
553720.00	4180660.00	6.64E+00	1.8	SRCGP13	OFF_SITE
553740.00	4180520.00	6.29E+00	1.8	SRCGP13	OFF_SITE
553740.00	4180540.00	6.82E+00	1.8	SRCGP13	OFF_SITE
553740.00	4180560.00	4.71E+00	1.8	SRCGP13	OFF_SITE
553760.00	4180620.00	8.30E+00	1.8	SRCGP13	OFF_SITE
553760.00	4180640.00	7.43E+00	1.8	SRCGP13	OFF_SITE
553760.00	4180660.00	6.72E+00	1.8	SRCGP13	OFF_SITE
553760.00	4180680.00	6.15E+00	1.8	SRCGP13	OFF_SITE
553760.00	4180720.00	5.30E+00	1.8	SRCGP13	OFF_SITE
553760.00	4180740.00	5.00E+00	1.8	SRCGP13	OFF_SITE
553760.00	4180760.00	4.82E+00	1.8	SRCGP13	OFF_SITE
553760.00	4180780.00	4.79E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180520.00	5.02E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180540.00	4.66E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180560.00	4.35E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180580.00	4.08E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180600.00	3.85E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180620.00	3.65E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180640.00	3.47E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180660.00	3.32E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180680.00	3.19E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180720.00	3.00E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180740.00	2.96E+00	1.8	SRCGP13	OFF_SITE
553780.00	4180760.00	2.96E+00	1.8	SRCGP13	OFF_SITE

553780.00	4180780.00	3.06E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180520.00	2.79E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180540.00	2.68E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180560.00	2.59E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180580.00	2.50E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180600.00	2.42E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180620.00	2.35E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180640.00	2.29E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180660.00	2.24E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180680.00	2.20E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180720.00	2.16E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180740.00	2.16E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180760.00	2.21E+00	1.8	SRCGP13	OFF_SITE
553800.00	4180780.00	2.30E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180520.00	1.98E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180540.00	1.93E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180560.00	1.89E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180580.00	1.85E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180620.00	1.78E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180640.00	1.76E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180660.00	1.74E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180680.00	1.72E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180720.00	1.72E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180740.00	1.74E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180760.00	1.79E+00	1.8	SRCGP13	OFF_SITE
553820.00	4180780.00	1.86E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180520.00	1.56E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180540.00	1.54E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180560.00	1.52E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180580.00	1.50E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180620.00	1.46E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180640.00	1.45E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180660.00	1.44E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180680.00	1.44E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180720.00	1.45E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180740.00	1.47E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180760.00	1.51E+00	1.8	SRCGP13	OFF_SITE
553840.00	4180780.00	1.57E+00	1.8	SRCGP13	OFF_SITE
553860.00	4180520.00	1.31E+00	1.8	SRCGP13	OFF_SITE
553860.00	4180540.00	1.29E+00	1.8	SRCGP13	OFF_SITE
553860.00	4180560.00	1.28E+00	1.8	SRCGP13	OFF_SITE
553860.00	4180580.00	1.26E+00	1.8	SRCGP13	OFF_SITE
553860.00	4180620.00	1.24E+00	1.8	SRCGP13	OFF_SITE
553860.00	4180640.00	1.24E+00	1.8	SRCGP13	OFF_SITE
553860.00	4180660.00	1.23E+00	1.8	SRCGP13	OFF_SITE
553860.00	4180680.00	1.23E+00	1.8	SRCGP13	OFF_SITE
553860.00	4180720.00	1.25E+00	1.8	SRCGP13	OFF_SITE

553860.00	4180740.00	1.27E+00	1.8	SRCGP13	OFF_SITE
553860.00	4180760.00	1.30E+00	1.8	SRCGP13	OFF_SITE
553860.00	4180780.00	1.35E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180520.00	1.12E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180540.00	1.11E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180560.00	1.10E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180580.00	1.09E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180620.00	1.08E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180640.00	1.08E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180660.00	1.08E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180680.00	1.08E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180720.00	1.10E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180740.00	1.12E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180760.00	1.15E+00	1.8	SRCGP13	OFF_SITE
553880.00	4180780.00	1.19E+00	1.8	SRCGP13	OFF_SITE
553900.00	4180520.00	9.88E-01	1.8	SRCGP13	OFF_SITE
553900.00	4180540.00	9.81E-01	1.8	SRCGP13	OFF_SITE
553900.00	4180560.00	9.74E-01	1.8	SRCGP13	OFF_SITE
553900.00	4180580.00	9.68E-01	1.8	SRCGP13	OFF_SITE
553900.00	4180620.00	9.61E-01	1.8	SRCGP13	OFF_SITE
553900.00	4180640.00	9.59E-01	1.8	SRCGP13	OFF_SITE
553900.00	4180660.00	9.60E-01	1.8	SRCGP13	OFF_SITE
553900.00	4180680.00	9.63E-01	1.8	SRCGP13	OFF_SITE
553900.00	4180720.00	9.82E-01	1.8	SRCGP13	OFF_SITE
553900.00	4180740.00	9.99E-01	1.8	SRCGP13	OFF_SITE
553900.00	4180760.00	1.02E+00	1.8	SRCGP13	OFF_SITE
553900.00	4180780.00	1.05E+00	1.8	SRCGP13	OFF_SITE
553920.00	4180520.00	8.81E-01	1.8	SRCGP13	OFF_SITE
553920.00	4180540.00	8.75E-01	1.8	SRCGP13	OFF_SITE
553920.00	4180560.00	8.70E-01	1.8	SRCGP13	OFF_SITE
553920.00	4180580.00	8.66E-01	1.8	SRCGP13	OFF_SITE
553920.00	4180620.00	8.62E-01	1.8	SRCGP13	OFF_SITE
553920.00	4180640.00	8.62E-01	1.8	SRCGP13	OFF_SITE
553920.00	4180660.00	8.63E-01	1.8	SRCGP13	OFF_SITE
553920.00	4180680.00	8.67E-01	1.8	SRCGP13	OFF_SITE
553920.00	4180720.00	8.85E-01	1.8	SRCGP13	OFF_SITE
553920.00	4180740.00	9.01E-01	1.8	SRCGP13	OFF_SITE
553920.00	4180760.00	9.22E-01	1.8	SRCGP13	OFF_SITE
553920.00	4180780.00	9.49E-01	1.8	SRCGP13	OFF_SITE
553940.00	4180520.00	7.94E-01	1.8	SRCGP13	OFF_SITE
553940.00	4180540.00	7.90E-01	1.8	SRCGP13	OFF_SITE
553940.00	4180560.00	7.87E-01	1.8	SRCGP13	OFF_SITE
553940.00	4180580.00	7.84E-01	1.8	SRCGP13	OFF_SITE
553940.00	4180620.00	7.82E-01	1.8	SRCGP13	OFF_SITE
553940.00	4180640.00	7.82E-01	1.8	SRCGP13	OFF_SITE
553940.00	4180660.00	7.84E-01	1.8	SRCGP13	OFF_SITE
553940.00	4180680.00	7.89E-01	1.8	SRCGP13	OFF_SITE

553940.00	4180720.00	8.06E-01	1.8	SRCGP13	OFF_SITE
553940.00	4180740.00	8.20E-01	1.8	SRCGP13	OFF_SITE
553940.00	4180760.00	8.39E-01	1.8	SRCGP13	OFF_SITE
553940.00	4180780.00	8.61E-01	1.8	SRCGP13	OFF_SITE
553960.00	4180520.00	7.23E-01	1.8	SRCGP13	OFF_SITE
553960.00	4180540.00	7.20E-01	1.8	SRCGP13	OFF_SITE
553960.00	4180560.00	7.18E-01	1.8	SRCGP13	OFF_SITE
553960.00	4180580.00	7.16E-01	1.8	SRCGP13	OFF_SITE
553960.00	4180620.00	7.15E-01	1.8	SRCGP13	OFF_SITE
553960.00	4180640.00	7.16E-01	1.8	SRCGP13	OFF_SITE
553960.00	4180660.00	7.19E-01	1.8	SRCGP13	OFF_SITE
553960.00	4180680.00	7.23E-01	1.8	SRCGP13	OFF_SITE
553960.00	4180720.00	7.40E-01	1.8	SRCGP13	OFF_SITE
553960.00	4180740.00	7.53E-01	1.8	SRCGP13	OFF_SITE
553960.00	4180760.00	7.69E-01	1.8	SRCGP13	OFF_SITE
553980.00	4180520.00	6.64E-01	1.8	SRCGP13	OFF_SITE
553980.00	4180540.00	6.62E-01	1.8	SRCGP13	OFF_SITE
553980.00	4180560.00	6.60E-01	1.8	SRCGP13	OFF_SITE
553980.00	4180580.00	6.59E-01	1.8	SRCGP13	OFF_SITE
553980.00	4180620.00	6.59E-01	1.8	SRCGP13	OFF_SITE
553980.00	4180640.00	6.60E-01	1.8	SRCGP13	OFF_SITE
553980.00	4180660.00	6.63E-01	1.8	SRCGP13	OFF_SITE
553980.00	4180680.00	6.67E-01	1.8	SRCGP13	OFF_SITE
553560.00	4181180.00	1.31E+00	1.8	SRCGP13	OFF_SITE
553920.00	4180660.00	8.63E-01	1.8	SRCGP13	OFF_SITE
553700.00	4180920.00	8.63E+00	1.8	SRCGP13	OFF_SITE
553560.00	4180920.00	1.13E+00	1.8	SRCGP13	OFF_SITE
553680.00	4181060.00	5.39E+00	1.8	SRCGP13	OFF_SITE
553760.00	4181080.00	7.81E+00	1.8	SRCGP13	R_A1_BA
553780.00	4181080.00	4.47E+00	1.8	SRCGP13	R_A1_BA
553760.00	4181100.00	7.78E+00	1.8	SRCGP13	R_A1_BA
553780.00	4181100.00	4.44E+00	1.8	SRCGP13	R_A1_BA
553760.00	4181120.00	7.71E+00	1.8	SRCGP13	R_A1_BA
553780.00	4181120.00	4.38E+00	1.8	SRCGP13	R_A1_BA
553760.00	4181140.00	7.57E+00	1.8	SRCGP13	R_A1_BA
553780.00	4181140.00	4.27E+00	1.8	SRCGP13	R_A1_BA
553760.00	4181000.00	7.46E+00	1.8	SRCGP13	R_A1_BB
553780.00	4181000.00	4.44E+00	1.8	SRCGP13	R_A1_BB
553760.00	4181020.00	7.67E+00	1.8	SRCGP13	R_A1_BB
553780.00	4181020.00	4.45E+00	1.8	SRCGP13	R_A1_BB
553760.00	4181040.00	7.77E+00	1.8	SRCGP13	R_A1_BB
553780.00	4181040.00	4.47E+00	1.8	SRCGP13	R_A1_BB
553780.00	4181060.00	4.48E+00	1.8	SRCGP13	R_A1_BB
553760.00	4180900.00	9.40E+00	1.8	SRCGP13	R_A1_BC
553780.00	4180900.00	4.91E+00	1.8	SRCGP13	R_A1_BC
553760.00	4180920.00	9.42E+00	1.8	SRCGP13	R_A1_BC
553780.00	4180920.00	4.94E+00	1.8	SRCGP13	R_A1_BC

553760.00	4180940.00	9.31E+00	1.8	SRCGP13	R_A1_BC
553780.00	4180940.00	4.89E+00	1.8	SRCGP13	R_A1_BC
553760.00	4180960.00	8.89E+00	1.8	SRCGP13	R_A1_BC
553780.00	4180960.00	4.75E+00	1.8	SRCGP13	R_A1_BC
553760.00	4180820.00	6.33E+00	1.8	SRCGP13	R_A1_BD1
553780.00	4180820.00	3.72E+00	1.8	SRCGP13	R_A1_BD1
553760.00	4180840.00	8.15E+00	1.8	SRCGP13	R_A1_BD1
553780.00	4180840.00	4.22E+00	1.8	SRCGP13	R_A1_BD1
553760.00	4180860.00	8.95E+00	1.8	SRCGP13	R_A1_BD1
553780.00	4180860.00	4.59E+00	1.8	SRCGP13	R_A1_BD1
553760.00	4180880.00	9.27E+00	1.8	SRCGP13	R_A1_BD1
553800.00	4180820.00	2.66E+00	1.8	SRCGP13	R_A1_BD2
553820.00	4180820.00	2.10E+00	1.8	SRCGP13	R_A1_BD2
553840.00	4180820.00	1.74E+00	1.8	SRCGP13	R_A1_BD2
553860.00	4180820.00	1.48E+00	1.8	SRCGP13	R_A1_BD2
553880.00	4180820.00	1.28E+00	1.8	SRCGP13	R_A1_BD2
553800.00	4180840.00	2.89E+00	1.8	SRCGP13	R_A1_BD2
553820.00	4180840.00	2.24E+00	1.8	SRCGP13	R_A1_BD2
553840.00	4180840.00	1.83E+00	1.8	SRCGP13	R_A1_BD2
553860.00	4180840.00	1.55E+00	1.8	SRCGP13	R_A1_BD2
553880.00	4180840.00	1.34E+00	1.8	SRCGP13	R_A1_BD2
553800.00	4180860.00	3.09E+00	1.8	SRCGP13	R_A1_BD2
553820.00	4180860.00	2.36E+00	1.8	SRCGP13	R_A1_BD2
553840.00	4180860.00	1.92E+00	1.8	SRCGP13	R_A1_BD2
553860.00	4180860.00	1.61E+00	1.8	SRCGP13	R_A1_BD2
553880.00	4180860.00	1.39E+00	1.8	SRCGP13	R_A1_BD2
553780.00	4180880.00	4.80E+00	1.8	SRCGP13	R_A1_BD2
553800.00	4180880.00	3.23E+00	1.8	SRCGP13	R_A1_BD2
553820.00	4180880.00	2.46E+00	1.8	SRCGP13	R_A1_BD2
553840.00	4180880.00	1.99E+00	1.8	SRCGP13	R_A1_BD2
553860.00	4180880.00	1.66E+00	1.8	SRCGP13	R_A1_BD2
553820.00	4181100.00	2.45E+00	1.8	SRCGP13	R_A2_BG
553840.00	4181100.00	2.01E+00	1.8	SRCGP13	R_A2_BG
553860.00	4181100.00	1.70E+00	1.8	SRCGP13	R_A2_BG
553820.00	4181120.00	2.41E+00	1.8	SRCGP13	R_A2_BG
553840.00	4181120.00	1.98E+00	1.8	SRCGP13	R_A2_BG
553860.00	4181120.00	1.67E+00	1.8	SRCGP13	R_A2_BG
553900.00	4181100.00	1.29E+00	1.8	SRCGP13	R_A2_BK
553920.00	4181100.00	1.14E+00	1.8	SRCGP13	R_A2_BK
553900.00	4181120.00	1.27E+00	1.8	SRCGP13	R_A2_BK
553920.00	4181120.00	1.12E+00	1.8	SRCGP13	R_A2_BK
553860.00	4181140.00	1.63E+00	1.8	SRCGP13	R_A2_PK
553880.00	4181140.00	1.41E+00	1.8	SRCGP13	R_A2_PK
553900.00	4181140.00	1.24E+00	1.8	SRCGP13	R_A2_PK
553920.00	4181140.00	1.10E+00	1.8	SRCGP13	R_A2_PK
553800.00	4181160.00	2.86E+00	1.8	SRCGP13	R_A2_PK
553820.00	4181160.00	2.24E+00	1.8	SRCGP13	R_A2_PK



553840.00	4181160.00	1.85E+00	1.8	SRCGP13	R_A2_PK
553860.00	4181160.00	1.57E+00	1.8	SRCGP13	R_A2_PK
553880.00	4181160.00	1.36E+00	1.8	SRCGP13	R_A2_PK
553900.00	4181160.00	1.20E+00	1.8	SRCGP13	R_A2_PK
553920.00	4181160.00	1.07E+00	1.8	SRCGP13	R_A2_PK
553740.00	4181180.00	1.03E+01	1.8	SRCGP13	R_A2_PK
553760.00	4181180.00	6.67E+00	1.8	SRCGP13	R_A2_PK
553780.00	4181180.00	3.73E+00	1.8	SRCGP13	R_A2_PK
553800.00	4181180.00	2.66E+00	1.8	SRCGP13	R_A2_PK
553820.00	4181180.00	2.10E+00	1.8	SRCGP13	R_A2_PK
553840.00	4181180.00	1.75E+00	1.8	SRCGP13	R_A2_PK
553860.00	4181180.00	1.49E+00	1.8	SRCGP13	R_A2_PK
553880.00	4181180.00	1.30E+00	1.8	SRCGP13	R_A2_PK
553900.00	4181180.00	1.15E+00	1.8	SRCGP13	R_A2_PK
553920.00	4181180.00	1.03E+00	1.8	SRCGP13	R_A2_PK
553740.00	4181200.00	7.98E+00	1.8	SRCGP13	R_A2_PK
553760.00	4181200.00	5.26E+00	1.8	SRCGP13	R_A2_PK
553780.00	4181200.00	3.22E+00	1.8	SRCGP13	R_A2_PK
553800.00	4181200.00	2.39E+00	1.8	SRCGP13	R_A2_PK
553820.00	4181200.00	1.93E+00	1.8	SRCGP13	R_A2_PK
553840.00	4181200.00	1.63E+00	1.8	SRCGP13	R_A2_PK
553860.00	4181200.00	1.40E+00	1.8	SRCGP13	R_A2_PK
553880.00	4181200.00	1.23E+00	1.8	SRCGP13	R_A2_PK
553900.00	4181200.00	1.09E+00	1.8	SRCGP13	R_A2_PK
553920.00	4181200.00	9.83E-01	1.8	SRCGP13	R_A2_PK
553840.00	4180920.00	2.07E+00	1.8	SRCGP13	R_A3_BE
553860.00	4180920.00	1.73E+00	1.8	SRCGP13	R_A3_BE
553820.00	4180940.00	2.56E+00	1.8	SRCGP13	R_A3_BE
553840.00	4180940.00	2.08E+00	1.8	SRCGP13	R_A3_BE
553860.00	4180940.00	1.74E+00	1.8	SRCGP13	R_A3_BE
553820.00	4181040.00	2.50E+00	1.8	SRCGP13	R_A3_BF
553840.00	4181040.00	2.06E+00	1.8	SRCGP13	R_A3_BF
553860.00	4181040.00	1.74E+00	1.8	SRCGP13	R_A3_BF
553820.00	4181060.00	2.49E+00	1.8	SRCGP13	R_A3_BF
553840.00	4181060.00	2.05E+00	1.8	SRCGP13	R_A3_BF
553860.00	4181060.00	1.73E+00	1.8	SRCGP13	R_A3_BF
553800.00	4180960.00	3.29E+00	1.8	SRCGP13	R_A3_SQ
553820.00	4180960.00	2.55E+00	1.8	SRCGP13	R_A3_SQ
553840.00	4180960.00	2.08E+00	1.8	SRCGP13	R_A3_SQ
553860.00	4180960.00	1.75E+00	1.8	SRCGP13	R_A3_SQ
553800.00	4180980.00	3.23E+00	1.8	SRCGP13	R_A3_SQ
553820.00	4180980.00	2.53E+00	1.8	SRCGP13	R_A3_SQ
553840.00	4180980.00	2.08E+00	1.8	SRCGP13	R_A3_SQ
553860.00	4180980.00	1.75E+00	1.8	SRCGP13	R_A3_SQ
553800.00	4181000.00	3.19E+00	1.8	SRCGP13	R_A3_SQ
553820.00	4181000.00	2.51E+00	1.8	SRCGP13	R_A3_SQ
553840.00	4181000.00	2.07E+00	1.8	SRCGP13	R_A3_SQ

553860.00	4181000.00	1.75E+00	1.8	SRCGP13	R_A3_SQ
553800.00	4181020.00	3.18E+00	1.8	SRCGP13	R_A3_SQ
553820.00	4181020.00	2.51E+00	1.8	SRCGP13	R_A3_SQ
553840.00	4181020.00	2.06E+00	1.8	SRCGP13	R_A3_SQ
553860.00	4181020.00	1.74E+00	1.8	SRCGP13	R_A3_SQ
553900.00	4180920.00	1.29E+00	1.8	SRCGP13	R_A4_BI
553920.00	4180920.00	1.14E+00	1.8	SRCGP13	R_A4_BI
553900.00	4180940.00	1.30E+00	1.8	SRCGP13	R_A4_BI
553920.00	4180940.00	1.15E+00	1.8	SRCGP13	R_A4_BI
553900.00	4180960.00	1.31E+00	1.8	SRCGP13	R_A4_BI
553920.00	4180960.00	1.16E+00	1.8	SRCGP13	R_A4_BI
553900.00	4181000.00	1.32E+00	1.8	SRCGP13	R_A4_BJ
553920.00	4181000.00	1.17E+00	1.8	SRCGP13	R_A4_BJ
553900.00	4181020.00	1.32E+00	1.8	SRCGP13	R_A4_BJ
553920.00	4181020.00	1.17E+00	1.8	SRCGP13	R_A4_BJ
553900.00	4181040.00	1.32E+00	1.8	SRCGP13	R_A4_BJ
553920.00	4181040.00	1.17E+00	1.8	SRCGP13	R_A4_BJ
553900.00	4181060.00	1.31E+00	1.8	SRCGP13	R_A4_BJ
553920.00	4181060.00	1.16E+00	1.8	SRCGP13	R_A4_BJ
553900.00	4181000.00	1.32E+00	1.8	SRCGP13	R_A4_BJ
553920.00	4181000.00	1.17E+00	1.8	SRCGP13	R_A4_BJ
553900.00	4180980.00	1.32E+00	1.8	SRCGP13	R_A4_CL
553920.00	4180980.00	1.17E+00	1.8	SRCGP13	R_A4_CL
553940.00	4180980.00	1.04E+00	1.8	SRCGP13	R_A4_CL
553880.00	4181000.00	1.51E+00	1.8	SRCGP13	R_A4_CL
553940.00	4181000.00	1.05E+00	1.8	SRCGP13	R_A4_CL
553940.00	4181080.00	1.04E+00	1.8	SRCGP13	R_A4_CL
553880.00	4180980.00	1.51E+00	1.8	SRCGP13	R_A4_CL
553600.00	4181380.00	3.87E+00	1.8	SRCGP13	R_ATT
553600.00	4181400.00	2.81E+00	1.8	SRCGP13	R_ATT
553620.00	4181340.00	5.97E+00	1.8	SRCGP13	R_ATT
553620.00	4181360.00	3.74E+00	1.8	SRCGP13	R_ATT
553620.00	4181380.00	2.75E+00	1.8	SRCGP13	R_ATT
553620.00	4181400.00	2.20E+00	1.8	SRCGP13	R_ATT
553620.00	4181420.00	1.85E+00	1.8	SRCGP13	R_ATT
553640.00	4181340.00	3.63E+00	1.8	SRCGP13	R_ATT
553640.00	4181320.00	5.67E+00	1.8	SRCGP13	R_ATT
553640.00	4181360.00	2.69E+00	1.8	SRCGP13	R_ATT
553640.00	4181380.00	2.17E+00	1.8	SRCGP13	R_ATT
553640.00	4181400.00	1.83E+00	1.8	SRCGP13	R_ATT
553640.00	4181420.00	1.59E+00	1.8	SRCGP13	R_ATT
553640.00	4181440.00	1.41E+00	1.8	SRCGP13	R_ATT
553660.00	4181320.00	3.54E+00	1.8	SRCGP13	R_ATT
553660.00	4181340.00	2.65E+00	1.8	SRCGP13	R_ATT
553660.00	4181360.00	2.14E+00	1.8	SRCGP13	R_ATT
553660.00	4181380.00	1.81E+00	1.8	SRCGP13	R_ATT
553660.00	4181400.00	1.57E+00	1.8	SRCGP13	R_ATT

553660.00	4181420.00	1.39E+00	1.8	SRCGP13	R_ATT
553660.00	4181440.00	1.25E+00	1.8	SRCGP13	R_ATT
553660.00	4181460.00	1.13E+00	1.8	SRCGP13	R_ATT
553680.00	4181360.00	1.80E+00	1.8	SRCGP13	R_ATT
553680.00	4181380.00	1.56E+00	1.8	SRCGP13	R_ATT
553680.00	4181400.00	1.39E+00	1.8	SRCGP13	R_ATT
553680.00	4181420.00	1.24E+00	1.8	SRCGP13	R_ATT
553680.00	4181440.00	1.12E+00	1.8	SRCGP13	R_ATT
553680.00	4181460.00	1.03E+00	1.8	SRCGP13	R_ATT
553680.00	4181480.00	9.42E-01	1.8	SRCGP13	R_ATT
553680.00	4181340.00	2.12E+00	1.8	SRCGP13	R_ATT
553680.00	4181320.00	2.62E+00	1.8	SRCGP13	R_ATT
553700.00	4181360.00	1.56E+00	1.8	SRCGP13	R_ATT
553700.00	4181380.00	1.38E+00	1.8	SRCGP13	R_ATT
553700.00	4181400.00	1.24E+00	1.8	SRCGP13	R_ATT
553700.00	4181420.00	1.12E+00	1.8	SRCGP13	R_ATT
553700.00	4181440.00	1.02E+00	1.8	SRCGP13	R_ATT
553700.00	4181460.00	9.39E-01	1.8	SRCGP13	R_ATT
553700.00	4181480.00	8.65E-01	1.8	SRCGP13	R_ATT
553700.00	4181500.00	7.99E-01	1.8	SRCGP13	R_ATT
553700.00	4181340.00	1.79E+00	1.8	SRCGP13	R_ATT
553700.00	4181320.00	2.11E+00	1.8	SRCGP13	R_ATT
553720.00	4181360.00	1.38E+00	1.8	SRCGP13	R_ATT
553720.00	4181380.00	1.23E+00	1.8	SRCGP13	R_ATT
553720.00	4181400.00	1.12E+00	1.8	SRCGP13	R_ATT
553720.00	4181420.00	1.02E+00	1.8	SRCGP13	R_ATT
553720.00	4181440.00	9.36E-01	1.8	SRCGP13	R_ATT
553720.00	4181460.00	8.64E-01	1.8	SRCGP13	R_ATT
553720.00	4181480.00	8.00E-01	1.8	SRCGP13	R_ATT
553720.00	4181500.00	7.42E-01	1.8	SRCGP13	R_ATT
553720.00	4181520.00	6.89E-01	1.8	SRCGP13	R_ATT
553720.00	4181340.00	1.56E+00	1.8	SRCGP13	R_ATT
553720.00	4181320.00	1.79E+00	1.8	SRCGP13	R_ATT
553740.00	4181360.00	1.23E+00	1.8	SRCGP13	R_ATT
553740.00	4181380.00	1.11E+00	1.8	SRCGP13	R_ATT
553740.00	4181400.00	1.02E+00	1.8	SRCGP13	R_ATT
553740.00	4181420.00	9.35E-01	1.8	SRCGP13	R_ATT
553740.00	4181440.00	8.63E-01	1.8	SRCGP13	R_ATT
553740.00	4181460.00	7.99E-01	1.8	SRCGP13	R_ATT
553740.00	4181480.00	7.43E-01	1.8	SRCGP13	R_ATT
553740.00	4181500.00	6.91E-01	1.8	SRCGP13	R_ATT
553740.00	4181520.00	6.44E-01	1.8	SRCGP13	R_ATT
553740.00	4181340.00	1.38E+00	1.8	SRCGP13	R_ATT
553740.00	4181320.00	1.56E+00	1.8	SRCGP13	R_ATT
553760.00	4181360.00	1.12E+00	1.8	SRCGP13	R_ATT
553760.00	4181380.00	1.02E+00	1.8	SRCGP13	R_ATT
553760.00	4181400.00	9.34E-01	1.8	SRCGP13	R_ATT

553760.00	4181420.00	8.62E-01	1.8	SRCGP13	R_ATT
553760.00	4181440.00	7.99E-01	1.8	SRCGP13	R_ATT
553760.00	4181460.00	7.43E-01	1.8	SRCGP13	R_ATT
553760.00	4181480.00	6.93E-01	1.8	SRCGP13	R_ATT
553760.00	4181500.00	6.47E-01	1.8	SRCGP13	R_ATT
553760.00	4181520.00	6.04E-01	1.8	SRCGP13	R_ATT
553760.00	4181340.00	1.23E+00	1.8	SRCGP13	R_ATT
553760.00	4181320.00	1.39E+00	1.8	SRCGP13	R_ATT
553780.00	4181360.00	1.02E+00	1.8	SRCGP13	R_ATT
553780.00	4181380.00	9.34E-01	1.8	SRCGP13	R_ATT
553780.00	4181400.00	8.62E-01	1.8	SRCGP13	R_ATT
553780.00	4181420.00	7.99E-01	1.8	SRCGP13	R_ATT
553780.00	4181440.00	7.44E-01	1.8	SRCGP13	R_ATT
553780.00	4181460.00	6.94E-01	1.8	SRCGP13	R_ATT
553780.00	4181480.00	6.49E-01	1.8	SRCGP13	R_ATT
553780.00	4181500.00	6.07E-01	1.8	SRCGP13	R_ATT
553780.00	4181520.00	5.68E-01	1.8	SRCGP13	R_ATT
553780.00	4181340.00	1.12E+00	1.8	SRCGP13	R_ATT
553800.00	4181360.00	9.36E-01	1.8	SRCGP13	R_ATT
553800.00	4181380.00	8.63E-01	1.8	SRCGP13	R_ATT
553800.00	4181400.00	8.00E-01	1.8	SRCGP13	R_ATT
553800.00	4181420.00	7.44E-01	1.8	SRCGP13	R_ATT
553800.00	4181440.00	6.95E-01	1.8	SRCGP13	R_ATT
553800.00	4181460.00	6.50E-01	1.8	SRCGP13	R_ATT
553800.00	4181480.00	6.09E-01	1.8	SRCGP13	R_ATT
553800.00	4181500.00	5.72E-01	1.8	SRCGP13	R_ATT
553800.00	4181520.00	5.36E-01	1.8	SRCGP13	R_ATT
553820.00	4181360.00	8.65E-01	1.8	SRCGP13	R_ATT
553820.00	4181380.00	8.01E-01	1.8	SRCGP13	R_ATT
553820.00	4181400.00	7.46E-01	1.8	SRCGP13	R_ATT
553820.00	4181420.00	6.96E-01	1.8	SRCGP13	R_ATT
553820.00	4181440.00	6.52E-01	1.8	SRCGP13	R_ATT
553820.00	4181460.00	6.11E-01	1.8	SRCGP13	R_ATT
553820.00	4181480.00	5.74E-01	1.8	SRCGP13	R_ATT
553820.00	4181500.00	5.40E-01	1.8	SRCGP13	R_ATT
553820.00	4181520.00	5.08E-01	1.8	SRCGP13	R_ATT
553840.00	4181360.00	8.04E-01	1.8	SRCGP13	R_ATT
553840.00	4181380.00	7.47E-01	1.8	SRCGP13	R_ATT
553840.00	4181400.00	6.98E-01	1.8	SRCGP13	R_ATT
553840.00	4181420.00	6.53E-01	1.8	SRCGP13	R_ATT
553840.00	4181440.00	6.13E-01	1.8	SRCGP13	R_ATT
553840.00	4181460.00	5.76E-01	1.8	SRCGP13	R_ATT
553840.00	4181480.00	5.42E-01	1.8	SRCGP13	R_ATT
553840.00	4181500.00	5.11E-01	1.8	SRCGP13	R_ATT
553840.00	4181520.00	4.81E-01	1.8	SRCGP13	R_ATT
553920.00	4180820.00	1.01E+00	1.8	SRCGP13	R_B4_BH
553940.00	4180820.00	9.13E-01	1.8	SRCGP13	R_B4_BH

553920.00	4180840.00	1.05E+00	1.8	SRCGP13	R_B4_BH
553940.00	4180840.00	9.40E-01	1.8	SRCGP13	R_B4_BH
553900.00	4180860.00	1.21E+00	1.8	SRCGP13	R_B4_BH
553920.00	4180860.00	1.08E+00	1.8	SRCGP13	R_B4_BH
553940.00	4180860.00	9.65E-01	1.8	SRCGP13	R_B4_BH
553900.00	4180880.00	1.25E+00	1.8	SRCGP13	R_B4_BH
553920.00	4180880.00	1.10E+00	1.8	SRCGP13	R_B4_BH
553960.00	4181040.00	9.45E-01	1.8	SRCGP13	R_PIER48
553980.00	4181040.00	8.61E-01	1.8	SRCGP13	R_PIER48
554000.00	4181040.00	7.89E-01	1.8	SRCGP13	R_PIER48
553960.00	4181060.00	9.42E-01	1.8	SRCGP13	R_PIER48
553980.00	4181060.00	8.58E-01	1.8	SRCGP13	R_PIER48
554000.00	4181060.00	7.87E-01	1.8	SRCGP13	R_PIER48
554020.00	4181060.00	7.25E-01	1.8	SRCGP13	R_PIER48
554040.00	4181060.00	6.71E-01	1.8	SRCGP13	R_PIER48
554060.00	4181060.00	6.24E-01	1.8	SRCGP13	R_PIER48
554080.00	4181060.00	5.82E-01	1.8	SRCGP13	R_PIER48
554100.00	4181060.00	5.45E-01	1.8	SRCGP13	R_PIER48
554120.00	4181060.00	5.12E-01	1.8	SRCGP13	R_PIER48
554140.00	4181060.00	4.82E-01	1.8	SRCGP13	R_PIER48
554160.00	4181060.00	4.55E-01	1.8	SRCGP13	R_PIER48
553960.00	4181080.00	9.37E-01	1.8	SRCGP13	R_PIER48
553980.00	4181080.00	8.53E-01	1.8	SRCGP13	R_PIER48
554000.00	4181080.00	7.82E-01	1.8	SRCGP13	R_PIER48
554020.00	4181080.00	7.21E-01	1.8	SRCGP13	R_PIER48
554040.00	4181080.00	6.67E-01	1.8	SRCGP13	R_PIER48
554060.00	4181080.00	6.20E-01	1.8	SRCGP13	R_PIER48
554080.00	4181080.00	5.79E-01	1.8	SRCGP13	R_PIER48
554100.00	4181080.00	5.42E-01	1.8	SRCGP13	R_PIER48
554120.00	4181080.00	5.09E-01	1.8	SRCGP13	R_PIER48
554140.00	4181080.00	4.79E-01	1.8	SRCGP13	R_PIER48
554160.00	4181080.00	4.53E-01	1.8	SRCGP13	R_PIER48
553960.00	4181100.00	9.27E-01	1.8	SRCGP13	R_PIER48
553980.00	4181100.00	8.45E-01	1.8	SRCGP13	R_PIER48
554000.00	4181100.00	7.75E-01	1.8	SRCGP13	R_PIER48
554020.00	4181100.00	7.14E-01	1.8	SRCGP13	R_PIER48
554040.00	4181100.00	6.61E-01	1.8	SRCGP13	R_PIER48
554060.00	4181100.00	6.15E-01	1.8	SRCGP13	R_PIER48
554080.00	4181100.00	5.74E-01	1.8	SRCGP13	R_PIER48
554100.00	4181100.00	5.37E-01	1.8	SRCGP13	R_PIER48
554120.00	4181100.00	5.05E-01	1.8	SRCGP13	R_PIER48
554140.00	4181100.00	4.76E-01	1.8	SRCGP13	R_PIER48
554160.00	4181100.00	4.49E-01	1.8	SRCGP13	R_PIER48
553960.00	4181120.00	9.14E-01	1.8	SRCGP13	R_PIER48
553980.00	4181120.00	8.33E-01	1.8	SRCGP13	R_PIER48
554000.00	4181120.00	7.64E-01	1.8	SRCGP13	R_PIER48
554020.00	4181120.00	7.05E-01	1.8	SRCGP13	R_PIER48

554040.00	4181120.00	6.53E-01	1.8	SRCGP13	R_PIER48
554060.00	4181120.00	6.08E-01	1.8	SRCGP13	R_PIER48
554080.00	4181120.00	5.67E-01	1.8	SRCGP13	R_PIER48
554100.00	4181120.00	5.32E-01	1.8	SRCGP13	R_PIER48
554120.00	4181120.00	4.99E-01	1.8	SRCGP13	R_PIER48
554140.00	4181120.00	4.71E-01	1.8	SRCGP13	R_PIER48
553940.00	4181140.00	9.88E-01	1.8	SRCGP13	R_PIER48
553960.00	4181140.00	8.95E-01	1.8	SRCGP13	R_PIER48
553980.00	4181140.00	8.17E-01	1.8	SRCGP13	R_PIER48
554000.00	4181140.00	7.51E-01	1.8	SRCGP13	R_PIER48
554020.00	4181140.00	6.93E-01	1.8	SRCGP13	R_PIER48
554040.00	4181140.00	6.43E-01	1.8	SRCGP13	R_PIER48
554060.00	4181140.00	5.98E-01	1.8	SRCGP13	R_PIER48
554080.00	4181140.00	5.59E-01	1.8	SRCGP13	R_PIER48
554100.00	4181140.00	5.24E-01	1.8	SRCGP13	R_PIER48
554120.00	4181140.00	4.93E-01	1.8	SRCGP13	R_PIER48
554140.00	4181140.00	4.64E-01	1.8	SRCGP13	R_PIER48
554040.00	4181160.00	6.30E-01	1.8	SRCGP13	R_PIER48
554060.00	4181160.00	5.87E-01	1.8	SRCGP13	R_PIER48
554080.00	4181160.00	5.49E-01	1.8	SRCGP13	R_PIER48
554100.00	4181160.00	5.15E-01	1.8	SRCGP13	R_PIER48
554120.00	4181160.00	4.85E-01	1.8	SRCGP13	R_PIER48
554140.00	4181160.00	4.57E-01	1.8	SRCGP13	R_PIER48
553980.00	4180780.00	7.25E-01	1.8	SRCGP13	R_PIER50
553980.00	4180800.00	7.43E-01	1.8	SRCGP13	R_PIER50
553980.00	4180820.00	7.62E-01	1.8	SRCGP13	R_PIER50
553980.00	4180840.00	7.80E-01	1.8	SRCGP13	R_PIER50
553980.00	4180860.00	7.97E-01	1.8	SRCGP13	R_PIER50
553980.00	4180880.00	8.13E-01	1.8	SRCGP13	R_PIER50
553980.00	4180900.00	8.26E-01	1.8	SRCGP13	R_PIER50
553980.00	4180920.00	8.37E-01	1.8	SRCGP13	R_PIER50
553980.00	4180940.00	8.45E-01	1.8	SRCGP13	R_PIER50
553980.00	4180960.00	8.52E-01	1.8	SRCGP13	R_PIER50
554000.00	4180720.00	6.34E-01	1.8	SRCGP13	R_PIER50
554000.00	4180740.00	6.44E-01	1.8	SRCGP13	R_PIER50
554000.00	4180760.00	6.57E-01	1.8	SRCGP13	R_PIER50
554000.00	4180780.00	6.71E-01	1.8	SRCGP13	R_PIER50
554000.00	4180800.00	6.86E-01	1.8	SRCGP13	R_PIER50
554000.00	4180820.00	7.02E-01	1.8	SRCGP13	R_PIER50
554000.00	4180840.00	7.17E-01	1.8	SRCGP13	R_PIER50
554000.00	4180860.00	7.32E-01	1.8	SRCGP13	R_PIER50
554000.00	4180880.00	7.45E-01	1.8	SRCGP13	R_PIER50
554000.00	4180900.00	7.57E-01	1.8	SRCGP13	R_PIER50
554000.00	4180920.00	7.66E-01	1.8	SRCGP13	R_PIER50
554000.00	4180940.00	7.74E-01	1.8	SRCGP13	R_PIER50
554000.00	4180960.00	7.80E-01	1.8	SRCGP13	R_PIER50
554020.00	4180840.00	6.63E-01	1.8	SRCGP13	R_PIER50

554020.00	4180860.00	6.76E-01	1.8	SRCGP13	R_PIER50
554020.00	4180880.00	6.87E-01	1.8	SRCGP13	R_PIER50
554020.00	4180900.00	6.97E-01	1.8	SRCGP13	R_PIER50
554020.00	4180920.00	7.06E-01	1.8	SRCGP13	R_PIER50
554020.00	4180940.00	7.13E-01	1.8	SRCGP13	R_PIER50
554020.00	4180960.00	7.18E-01	1.8	SRCGP13	R_PIER50
554040.00	4180840.00	6.16E-01	1.8	SRCGP13	R_PIER50
554040.00	4180860.00	6.27E-01	1.8	SRCGP13	R_PIER50
554040.00	4180880.00	6.37E-01	1.8	SRCGP13	R_PIER50
554040.00	4180900.00	6.46E-01	1.8	SRCGP13	R_PIER50
554040.00	4180920.00	6.54E-01	1.8	SRCGP13	R_PIER50
554040.00	4180940.00	6.60E-01	1.8	SRCGP13	R_PIER50
554040.00	4180960.00	6.65E-01	1.8	SRCGP13	R_PIER50
554060.00	4180840.00	5.75E-01	1.8	SRCGP13	R_PIER50
554060.00	4180860.00	5.85E-01	1.8	SRCGP13	R_PIER50
554060.00	4180880.00	5.93E-01	1.8	SRCGP13	R_PIER50
554060.00	4180900.00	6.01E-01	1.8	SRCGP13	R_PIER50
554060.00	4180920.00	6.08E-01	1.8	SRCGP13	R_PIER50
554060.00	4180940.00	6.14E-01	1.8	SRCGP13	R_PIER50
554060.00	4180960.00	6.18E-01	1.8	SRCGP13	R_PIER50
554080.00	4180840.00	5.39E-01	1.8	SRCGP13	R_PIER50
554080.00	4180860.00	5.47E-01	1.8	SRCGP13	R_PIER50
554080.00	4180880.00	5.55E-01	1.8	SRCGP13	R_PIER50
554080.00	4180900.00	5.62E-01	1.8	SRCGP13	R_PIER50
554080.00	4180920.00	5.68E-01	1.8	SRCGP13	R_PIER50
554080.00	4180940.00	5.73E-01	1.8	SRCGP13	R_PIER50
554080.00	4180960.00	5.77E-01	1.8	SRCGP13	R_PIER50
554100.00	4180840.00	5.06E-01	1.8	SRCGP13	R_PIER50
554100.00	4180860.00	5.13E-01	1.8	SRCGP13	R_PIER50
554100.00	4180880.00	5.20E-01	1.8	SRCGP13	R_PIER50
554100.00	4180900.00	5.27E-01	1.8	SRCGP13	R_PIER50
554100.00	4180920.00	5.32E-01	1.8	SRCGP13	R_PIER50
554100.00	4180940.00	5.37E-01	1.8	SRCGP13	R_PIER50
554100.00	4180960.00	5.41E-01	1.8	SRCGP13	R_PIER50
554120.00	4180840.00	4.77E-01	1.8	SRCGP13	R_PIER50
554120.00	4180860.00	4.83E-01	1.8	SRCGP13	R_PIER50
554120.00	4180880.00	4.90E-01	1.8	SRCGP13	R_PIER50
554120.00	4180900.00	4.95E-01	1.8	SRCGP13	R_PIER50
554120.00	4180920.00	5.00E-01	1.8	SRCGP13	R_PIER50
554120.00	4180940.00	5.05E-01	1.8	SRCGP13	R_PIER50
554120.00	4180960.00	5.08E-01	1.8	SRCGP13	R_PIER50
554140.00	4180840.00	4.51E-01	1.8	SRCGP13	R_PIER50
554140.00	4180860.00	4.57E-01	1.8	SRCGP13	R_PIER50
554140.00	4180880.00	4.62E-01	1.8	SRCGP13	R_PIER50
554140.00	4180900.00	4.67E-01	1.8	SRCGP13	R_PIER50
554140.00	4180920.00	4.72E-01	1.8	SRCGP13	R_PIER50
554140.00	4180940.00	4.76E-01	1.8	SRCGP13	R_PIER50

554140.00	4180960.00	4.79E-01	1.8	SRCGP13	R_PIER50
554160.00	4180840.00	4.27E-01	1.8	SRCGP13	R_PIER50
554160.00	4180860.00	4.32E-01	1.8	SRCGP13	R_PIER50
554160.00	4180880.00	4.37E-01	1.8	SRCGP13	R_PIER50
554160.00	4180900.00	4.42E-01	1.8	SRCGP13	R_PIER50
554160.00	4180920.00	4.46E-01	1.8	SRCGP13	R_PIER50
554160.00	4180940.00	4.50E-01	1.8	SRCGP13	R_PIER50
554160.00	4180960.00	4.53E-01	1.8	SRCGP13	R_PIER50
554180.00	4180840.00	4.05E-01	1.8	SRCGP13	R_PIER50
554180.00	4180860.00	4.10E-01	1.8	SRCGP13	R_PIER50
554180.00	4180880.00	4.15E-01	1.8	SRCGP13	R_PIER50
554180.00	4180900.00	4.19E-01	1.8	SRCGP13	R_PIER50
554180.00	4180920.00	4.23E-01	1.8	SRCGP13	R_PIER50
554180.00	4180940.00	4.26E-01	1.8	SRCGP13	R_PIER50
554180.00	4180960.00	4.29E-01	1.8	SRCGP13	R_PIER50
554200.00	4180840.00	3.86E-01	1.8	SRCGP13	R_PIER50
554200.00	4180860.00	3.90E-01	1.8	SRCGP13	R_PIER50
554200.00	4180880.00	3.94E-01	1.8	SRCGP13	R_PIER50
554200.00	4180900.00	3.98E-01	1.8	SRCGP13	R_PIER50
554200.00	4180920.00	4.01E-01	1.8	SRCGP13	R_PIER50
554200.00	4180940.00	4.04E-01	1.8	SRCGP13	R_PIER50
554200.00	4180960.00	4.07E-01	1.8	SRCGP13	R_PIER50
554220.00	4180840.00	3.68E-01	1.8	SRCGP13	R_PIER50
554220.00	4180860.00	3.72E-01	1.8	SRCGP13	R_PIER50
554220.00	4180880.00	3.75E-01	1.8	SRCGP13	R_PIER50
554220.00	4180900.00	3.79E-01	1.8	SRCGP13	R_PIER50
554220.00	4180920.00	3.82E-01	1.8	SRCGP13	R_PIER50
554220.00	4180940.00	3.85E-01	1.8	SRCGP13	R_PIER50
554220.00	4180960.00	3.87E-01	1.8	SRCGP13	R_PIER50
554240.00	4180820.00	3.47E-01	1.8	SRCGP13	R_PIER50
554240.00	4180840.00	3.51E-01	1.8	SRCGP13	R_PIER50
554240.00	4180860.00	3.55E-01	1.8	SRCGP13	R_PIER50
554240.00	4180880.00	3.58E-01	1.8	SRCGP13	R_PIER50
554240.00	4180900.00	3.61E-01	1.8	SRCGP13	R_PIER50
554240.00	4180920.00	3.64E-01	1.8	SRCGP13	R_PIER50
554240.00	4180940.00	3.67E-01	1.8	SRCGP13	R_PIER50
554240.00	4180960.00	3.69E-01	1.8	SRCGP13	R_PIER50
554260.00	4180820.00	3.32E-01	1.8	SRCGP13	R_PIER50
554260.00	4180840.00	3.36E-01	1.8	SRCGP13	R_PIER50
554260.00	4180860.00	3.39E-01	1.8	SRCGP13	R_PIER50
554260.00	4180880.00	3.42E-01	1.8	SRCGP13	R_PIER50
554260.00	4180900.00	3.45E-01	1.8	SRCGP13	R_PIER50
554260.00	4180920.00	3.48E-01	1.8	SRCGP13	R_PIER50
554260.00	4180940.00	3.50E-01	1.8	SRCGP13	R_PIER50
554260.00	4180960.00	3.52E-01	1.8	SRCGP13	R_PIER50
554280.00	4180800.00	3.15E-01	1.8	SRCGP13	R_PIER50
554280.00	4180820.00	3.19E-01	1.8	SRCGP13	R_PIER50



554280.00	4180840.00	3.22E-01	1.8	SRCGP13	R_PIER50
554280.00	4180860.00	3.25E-01	1.8	SRCGP13	R_PIER50
554280.00	4180880.00	3.28E-01	1.8	SRCGP13	R_PIER50
554280.00	4180900.00	3.30E-01	1.8	SRCGP13	R_PIER50
554280.00	4180920.00	3.33E-01	1.8	SRCGP13	R_PIER50
554280.00	4180940.00	3.35E-01	1.8	SRCGP13	R_PIER50
554280.00	4180960.00	3.36E-01	1.8	SRCGP13	R_PIER50
554300.00	4180780.00	3.00E-01	1.8	SRCGP13	R_PIER50
554300.00	4180800.00	3.03E-01	1.8	SRCGP13	R_PIER50
554300.00	4180820.00	3.06E-01	1.8	SRCGP13	R_PIER50
554300.00	4180840.00	3.09E-01	1.8	SRCGP13	R_PIER50
554300.00	4180860.00	3.11E-01	1.8	SRCGP13	R_PIER50
554300.00	4180880.00	3.14E-01	1.8	SRCGP13	R_PIER50
554300.00	4180900.00	3.17E-01	1.8	SRCGP13	R_PIER50
554300.00	4180920.00	3.19E-01	1.8	SRCGP13	R_PIER50
554300.00	4180940.00	3.21E-01	1.8	SRCGP13	R_PIER50
554300.00	4180960.00	3.22E-01	1.8	SRCGP13	R_PIER50
554320.00	4180780.00	2.88E-01	1.8	SRCGP13	R_PIER50
554320.00	4180800.00	2.91E-01	1.8	SRCGP13	R_PIER50
554320.00	4180820.00	2.94E-01	1.8	SRCGP13	R_PIER50
554320.00	4180840.00	2.96E-01	1.8	SRCGP13	R_PIER50
554320.00	4180860.00	2.99E-01	1.8	SRCGP13	R_PIER50
554320.00	4180880.00	3.01E-01	1.8	SRCGP13	R_PIER50
554320.00	4180900.00	3.04E-01	1.8	SRCGP13	R_PIER50
554320.00	4180920.00	3.06E-01	1.8	SRCGP13	R_PIER50
554320.00	4180940.00	3.07E-01	1.8	SRCGP13	R_PIER50
554320.00	4180960.00	3.09E-01	1.8	SRCGP13	R_PIER50
554340.00	4180760.00	2.75E-01	1.8	SRCGP13	R_PIER50
554340.00	4180780.00	2.78E-01	1.8	SRCGP13	R_PIER50
554340.00	4180800.00	2.80E-01	1.8	SRCGP13	R_PIER50
554340.00	4180820.00	2.83E-01	1.8	SRCGP13	R_PIER50
554340.00	4180840.00	2.85E-01	1.8	SRCGP13	R_PIER50
554340.00	4180860.00	2.87E-01	1.8	SRCGP13	R_PIER50
554340.00	4180880.00	2.90E-01	1.8	SRCGP13	R_PIER50
554340.00	4180900.00	2.92E-01	1.8	SRCGP13	R_PIER50
554340.00	4180920.00	2.94E-01	1.8	SRCGP13	R_PIER50
554340.00	4180940.00	2.95E-01	1.8	SRCGP13	R_PIER50
554340.00	4180960.00	2.96E-01	1.8	SRCGP13	R_PIER50
554360.00	4180760.00	2.65E-01	1.8	SRCGP13	R_PIER50
554360.00	4180780.00	2.67E-01	1.8	SRCGP13	R_PIER50
554360.00	4180800.00	2.70E-01	1.8	SRCGP13	R_PIER50
554360.00	4180820.00	2.72E-01	1.8	SRCGP13	R_PIER50
554360.00	4180840.00	2.74E-01	1.8	SRCGP13	R_PIER50
554360.00	4180860.00	2.77E-01	1.8	SRCGP13	R_PIER50
554360.00	4180880.00	2.79E-01	1.8	SRCGP13	R_PIER50
554360.00	4180900.00	2.81E-01	1.8	SRCGP13	R_PIER50
554360.00	4180920.00	2.82E-01	1.8	SRCGP13	R_PIER50

554360.00	4180940.00	2.84E-01	1.8	SRCGP13	R_PIER50
554360.00	4180960.00	2.85E-01	1.8	SRCGP13	R_PIER50
554380.00	4180740.00	2.54E-01	1.8	SRCGP13	R_PIER50
554380.00	4180760.00	2.56E-01	1.8	SRCGP13	R_PIER50
554380.00	4180780.00	2.58E-01	1.8	SRCGP13	R_PIER50
554380.00	4180800.00	2.60E-01	1.8	SRCGP13	R_PIER50
554380.00	4180820.00	2.62E-01	1.8	SRCGP13	R_PIER50
554380.00	4180840.00	2.64E-01	1.8	SRCGP13	R_PIER50
554380.00	4180860.00	2.66E-01	1.8	SRCGP13	R_PIER50
554380.00	4180880.00	2.68E-01	1.8	SRCGP13	R_PIER50
554380.00	4180900.00	2.70E-01	1.8	SRCGP13	R_PIER50
554380.00	4180920.00	2.72E-01	1.8	SRCGP13	R_PIER50
554380.00	4180940.00	2.73E-01	1.8	SRCGP13	R_PIER50
554380.00	4180960.00	2.74E-01	1.8	SRCGP13	R_PIER50
554400.00	4180740.00	2.45E-01	1.8	SRCGP13	R_PIER50
554400.00	4180760.00	2.47E-01	1.8	SRCGP13	R_PIER50
554400.00	4180780.00	2.49E-01	1.8	SRCGP13	R_PIER50
554400.00	4180800.00	2.51E-01	1.8	SRCGP13	R_PIER50
554400.00	4180820.00	2.53E-01	1.8	SRCGP13	R_PIER50
554400.00	4180840.00	2.55E-01	1.8	SRCGP13	R_PIER50
554400.00	4180860.00	2.57E-01	1.8	SRCGP13	R_PIER50
554400.00	4180880.00	2.59E-01	1.8	SRCGP13	R_PIER50
554400.00	4180900.00	2.60E-01	1.8	SRCGP13	R_PIER50
554400.00	4180920.00	2.62E-01	1.8	SRCGP13	R_PIER50
554400.00	4180940.00	2.63E-01	1.8	SRCGP13	R_PIER50
554400.00	4180960.00	2.64E-01	1.8	SRCGP13	R_PIER50
554420.00	4180720.00	2.35E-01	1.8	SRCGP13	R_PIER50
554420.00	4180740.00	2.37E-01	1.8	SRCGP13	R_PIER50
554420.00	4180760.00	2.39E-01	1.8	SRCGP13	R_PIER50
554420.00	4180780.00	2.41E-01	1.8	SRCGP13	R_PIER50
554420.00	4180800.00	2.43E-01	1.8	SRCGP13	R_PIER50
554420.00	4180820.00	2.44E-01	1.8	SRCGP13	R_PIER50
554420.00	4180840.00	2.46E-01	1.8	SRCGP13	R_PIER50
554420.00	4180860.00	2.48E-01	1.8	SRCGP13	R_PIER50
554420.00	4180880.00	2.50E-01	1.8	SRCGP13	R_PIER50
554420.00	4180900.00	2.51E-01	1.8	SRCGP13	R_PIER50
554420.00	4180920.00	2.52E-01	1.8	SRCGP13	R_PIER50
554420.00	4180940.00	2.53E-01	1.8	SRCGP13	R_PIER50
554420.00	4180960.00	2.54E-01	1.8	SRCGP13	R_PIER50
554440.00	4180720.00	2.27E-01	1.8	SRCGP13	R_PIER50
554440.00	4180740.00	2.29E-01	1.8	SRCGP13	R_PIER50
554440.00	4180760.00	2.31E-01	1.8	SRCGP13	R_PIER50
554440.00	4180780.00	2.33E-01	1.8	SRCGP13	R_PIER50
554440.00	4180800.00	2.35E-01	1.8	SRCGP13	R_PIER50
554440.00	4180820.00	2.36E-01	1.8	SRCGP13	R_PIER50
554440.00	4180840.00	2.38E-01	1.8	SRCGP13	R_PIER50
554440.00	4180860.00	2.40E-01	1.8	SRCGP13	R_PIER50

554440.00	4180880.00	2.41E-01	1.8	SRCGP13	R_PIER50
554440.00	4180900.00	2.42E-01	1.8	SRCGP13	R_PIER50
554440.00	4180920.00	2.44E-01	1.8	SRCGP13	R_PIER50
554440.00	4180940.00	2.44E-01	1.8	SRCGP13	R_PIER50
554440.00	4180960.00	2.45E-01	1.8	SRCGP13	R_PIER50
553680.00	4180480.00	1.72E+00	1.8	SRCGP13	Sensitive
553360.00	4181000.00	4.54E-01	1.8	SRCGP13	Sensitive
553160.00	4180800.00	2.51E-01	1.8	SRCGP13	Sensitive
552940.00	4180980.00	1.83E-01	1.8	SRCGP13	Sensitive
553440.00	4180240.00	3.84E-01	1.8	SRCGP13	Sensitive
553920.00	4180800.00	9.79E-01	1.8	SRCGP13	Sensitive
553400.00	4180440.00	3.55E-01	1.8	SRCGP13	Sensitive
553920.00	4180000.00	1.26E+00	1.8	SRCGP13	Sensitive
553560.00	4180360.00	6.11E-01	1.8	SRCGP13	Sensitive
553360.00	4180340.00	3.11E-01	1.8	SRCGP13	Sensitive
553160.00	4181180.00	3.48E-01	1.8	SRCGP13	Sensitive



## 2. Operation

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**List of Sources and Source Groups included in the Mission Rock Operation Scenario**

**On-Site**

Source ID	Source Group	Source Type	Description	Building Type
G_A1_BB	1	Point	Generator on top of building B	Commercial
G_A1_BC	1	Point	Generator on top of building C	Commercial
G_A3_BE	1	Point	Generator on top of building E	Commercial
G_A2_BG	1	Point	Generator on top of building G	Commercial
G_A4_BI	1	Point	Generator on top of building I	Flex Residential/Commercial
G_A4_BJ	1	Point	Generator on top of building J	Flex Residential/Commercial
G_A4_BH	1	Point	Generator on top of building H	Flex Residential/Commercial
IDL_EXP_P1	2	Area	Idling emissions on Exposition St. - loading dock 1	
IDL_EXP_P2	2	Area	Idling emissions on Exposition St. - loading dock 2	
IDL_EXP_P3	2	Area	Idling emissions on Exposition St. - loading dock 3	
IDL_LB_P1	2	Area	Idling emissions on Long Bridge St. - loading dock 1	
IDL_LB_P2	2	Area	Idling emissions on Long Bridge St. - loading dock 2	
IDL_LB_P3	2	Area	Idling emissions on Long Bridge St. - loading dock 3	
IDL_TF_P1	2	Area	Idling emissions on Terry A. Francois Blvd - loading dock 1	
IDL_TF_P2	2	Area	Idling emissions on Terry A. Francois Blvd - loading dock 2	
IDL_TF_P3	2	Area	Idling emissions on Terry A. Francois Blvd - loading dock 3	
FUG_EXP	3	Area	Fugitive emissions on Exposition St.	
FUG_LB	3	Area	Fugitive emissions on Long Bridge St	
FUG_TF	3	Area	Fugitive emissions on Terry A. Francois Blvd	
EXH_EXP	4	Area	Exhaust emissions on Exposition St.	
EXH_LB	4	Area	Exhaust emissions on Long Bridge St	
EXH_TF	4	Area	Exhaust emissions on Terry A. Francois Blvd	
BARGE	5	Volume	Barge emissions	

**Offsite**

Source ID	Source Group	Source Type	Description
N_RD_EX1	6	Line Volume	Exhaust emissions on Northern Haul Route: 3rd St. to Brannan
S_RD_EX1	6	Line Volume	Exhaust emissions on Southern Haul Route: 3rd St. to Mariposa
N_RD_EX2	6	Line Volume	Exhaust emissions on Northern Haul Route: additional segment on 3rd St.
S_RD_EX2	6	Line Volume	Exhaust emissions on Southern Haul Route: additional segment on 3rd St.
N_RD_FG1	7	Line Volume	Fugitive emissions on Northern Haul Route: 3rd St. to Brannan
S_RD_FG1	7	Line Volume	Fugitive emissions on Southern Haul Route: 3rd St. to Mariposa
N_RD_FG2	7	Line Volume	Fugitive emissions on Northern Haul Route: additional segment on 3rd St.
S_RD_FG2	7	Line Volume	Fugitive emissions on Southern Haul Route: additional segment on 3rd St.

**Annual Average Concentraion at Each Receptor Location: Mission Rock Operation Scenario - Source Group 1**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	2.82E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180540.00	2.85E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180560.00	2.89E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180580.00	2.92E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180600.00	2.96E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180620.00	2.99E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180640.00	3.02E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180660.00	3.04E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180720.00	3.09E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180740.00	3.09E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180760.00	3.07E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180780.00	3.05E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180800.00	3.01E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180840.00	2.88E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180860.00	2.80E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180880.00	2.72E-02	1.8	SRCGP1	OFF_SITE
553440.00	4180900.00	2.63E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181020.00	2.21E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181040.00	2.19E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181060.00	2.19E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181080.00	2.22E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181160.00	2.55E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181180.00	2.68E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181200.00	2.83E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181220.00	2.99E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181240.00	3.16E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181260.00	3.35E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181300.00	3.72E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181320.00	3.95E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181340.00	4.20E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181360.00	4.41E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181380.00	4.59E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181400.00	4.76E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181420.00	4.89E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181440.00	5.01E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181460.00	5.05E-02	1.8	SRCGP1	OFF_SITE
553440.00	4181480.00	5.05E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180520.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180540.00	2.82E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180560.00	2.85E-02	1.8	SRCGP1	OFF_SITE



553460.00	4180580.00	2.89E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180600.00	2.92E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180620.00	2.95E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180640.00	2.98E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180660.00	3.01E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180700.00	3.05E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180740.00	3.07E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180760.00	3.06E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180780.00	3.04E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180800.00	3.00E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180820.00	2.95E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180860.00	2.81E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180880.00	2.72E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180900.00	2.63E-02	1.8	SRCGP1	OFF_SITE
553460.00	4180920.00	2.53E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181040.00	2.19E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181060.00	2.20E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181120.00	2.38E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181140.00	2.50E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181180.00	2.80E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181200.00	2.97E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181220.00	3.15E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181240.00	3.35E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181260.00	3.56E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181280.00	3.75E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181320.00	4.28E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181340.00	4.52E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181360.00	4.72E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181380.00	4.89E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181400.00	5.06E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181420.00	5.18E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181440.00	5.21E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181460.00	5.20E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181500.00	5.11E-02	1.8	SRCGP1	OFF_SITE
553460.00	4181520.00	5.01E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180520.00	2.74E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180540.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180560.00	2.82E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180580.00	2.85E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180600.00	2.89E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180620.00	2.92E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180640.00	2.95E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180660.00	2.97E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180700.00	3.02E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180720.00	3.03E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180760.00	3.04E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180780.00	3.02E-02	1.8	SRCGP1	OFF_SITE

553480.00	4180800.00	2.99E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180820.00	2.94E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180840.00	2.88E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180880.00	2.72E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180900.00	2.62E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180920.00	2.53E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180940.00	2.43E-02	1.8	SRCGP1	OFF_SITE
553480.00	4180960.00	2.35E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181040.00	2.19E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181080.00	2.25E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181100.00	2.33E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181120.00	2.45E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181140.00	2.60E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181160.00	2.76E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181200.00	3.13E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181220.00	3.35E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181240.00	3.57E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181260.00	3.78E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181280.00	4.06E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181300.00	4.36E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181340.00	4.85E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181360.00	5.06E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181380.00	5.24E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181400.00	5.36E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181420.00	5.39E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181440.00	5.38E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181480.00	5.26E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181500.00	5.17E-02	1.8	SRCGP1	OFF_SITE
553480.00	4181520.00	5.05E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180520.00	2.70E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180540.00	2.74E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180560.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180580.00	2.82E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180600.00	2.85E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180620.00	2.88E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180640.00	2.91E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180660.00	2.94E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180700.00	2.98E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180720.00	3.00E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180740.00	3.01E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180780.00	3.00E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180800.00	2.97E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180820.00	2.93E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180840.00	2.87E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180860.00	2.80E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180900.00	2.62E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180920.00	2.52E-02	1.8	SRCGP1	OFF_SITE

553500.00	4180940.00	2.43E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180960.00	2.34E-02	1.8	SRCGP1	OFF_SITE
553500.00	4180980.00	2.27E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181000.00	2.22E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181060.00	2.22E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181080.00	2.29E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181100.00	2.41E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181120.00	2.55E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181140.00	2.72E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181160.00	2.90E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181180.00	3.11E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181220.00	3.56E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181240.00	3.80E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181260.00	4.11E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181280.00	4.44E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181300.00	4.72E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181320.00	4.98E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181360.00	5.43E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181380.00	5.53E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181400.00	5.58E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181420.00	5.56E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181460.00	5.43E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181480.00	5.34E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181500.00	5.21E-02	1.8	SRCGP1	OFF_SITE
553500.00	4181520.00	5.03E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180520.00	2.65E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180540.00	2.69E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180560.00	2.74E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180580.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180600.00	2.82E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180620.00	2.85E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180640.00	2.88E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180660.00	2.90E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180700.00	2.95E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180720.00	2.97E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180740.00	2.98E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180760.00	2.98E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180800.00	2.95E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180820.00	2.91E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180840.00	2.86E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180860.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180880.00	2.70E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180920.00	2.52E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180940.00	2.43E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180960.00	2.34E-02	1.8	SRCGP1	OFF_SITE
553520.00	4180980.00	2.26E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181000.00	2.22E-02	1.8	SRCGP1	OFF_SITE

553520.00	4181080.00	2.36E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181100.00	2.50E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181120.00	2.66E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181140.00	2.86E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181160.00	3.08E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181180.00	3.31E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181200.00	3.56E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181240.00	4.13E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181260.00	4.52E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181280.00	4.85E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181300.00	5.15E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181320.00	5.41E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181340.00	5.62E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181380.00	5.77E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181400.00	5.75E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181440.00	5.63E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181460.00	5.52E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181480.00	5.37E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181500.00	5.17E-02	1.8	SRCGP1	OFF_SITE
553520.00	4181520.00	4.98E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180520.00	2.60E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180540.00	2.64E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180560.00	2.68E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180580.00	2.73E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180600.00	2.77E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180620.00	2.81E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180640.00	2.84E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180660.00	2.87E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180700.00	2.91E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180720.00	2.93E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180740.00	2.94E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180760.00	2.95E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180780.00	2.94E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180820.00	2.89E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180840.00	2.84E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180860.00	2.77E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180880.00	2.69E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180900.00	2.60E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180940.00	2.43E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180960.00	2.34E-02	1.8	SRCGP1	OFF_SITE
553540.00	4180980.00	2.27E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181100.00	2.60E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181120.00	2.81E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181140.00	3.03E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181160.00	3.29E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181180.00	3.56E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181200.00	3.83E-02	1.8	SRCGP1	OFF_SITE

553540.00	4181220.00	4.16E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181260.00	4.94E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181280.00	5.30E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181300.00	5.59E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181320.00	5.81E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181340.00	5.93E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181360.00	5.98E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181420.00	5.83E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181440.00	5.71E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181460.00	5.52E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181480.00	5.31E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181500.00	5.11E-02	1.8	SRCGP1	OFF_SITE
553540.00	4181520.00	4.94E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180520.00	2.54E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180540.00	2.59E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180560.00	2.63E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180580.00	2.67E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180600.00	2.72E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180620.00	2.76E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180640.00	2.80E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180660.00	2.83E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180700.00	2.87E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180720.00	2.89E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180740.00	2.90E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180760.00	2.91E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180780.00	2.91E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180800.00	2.89E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180840.00	2.81E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180860.00	2.75E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180880.00	2.68E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180900.00	2.60E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180920.00	2.52E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181000.00	2.28E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181020.00	2.27E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181120.00	2.97E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181140.00	3.23E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181160.00	3.50E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181180.00	3.82E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181200.00	4.21E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181220.00	4.66E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181240.00	5.05E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181280.00	5.79E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181300.00	6.00E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181320.00	6.13E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181340.00	6.19E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181420.00	5.90E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181440.00	5.68E-02	1.8	SRCGP1	OFF_SITE

553560.00	4181460.00	5.46E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181480.00	5.24E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181500.00	5.05E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181520.00	4.88E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180520.00	2.49E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180540.00	2.53E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180560.00	2.57E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180580.00	2.61E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180600.00	2.66E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180620.00	2.70E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180640.00	2.75E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180660.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180700.00	2.83E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180720.00	2.85E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180740.00	2.86E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180760.00	2.87E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180780.00	2.87E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180800.00	2.86E-02	1.8	SRCGP1	OFF_SITE
553580.00	4180820.00	2.83E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181000.00	2.39E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181020.00	2.40E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181040.00	2.47E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181140.00	3.42E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181160.00	3.75E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181180.00	4.19E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181200.00	4.75E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181220.00	5.23E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181240.00	5.63E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181260.00	5.95E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181300.00	6.34E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181320.00	6.43E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181440.00	5.60E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181460.00	5.39E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181480.00	5.18E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181500.00	5.00E-02	1.8	SRCGP1	OFF_SITE
553580.00	4181520.00	4.85E-02	1.8	SRCGP1	OFF_SITE
553600.00	4180800.00	2.82E-02	1.8	SRCGP1	OFF_SITE
553600.00	4180820.00	2.80E-02	1.8	SRCGP1	OFF_SITE
553600.00	4180840.00	2.76E-02	1.8	SRCGP1	OFF_SITE
553600.00	4180860.00	2.69E-02	1.8	SRCGP1	OFF_SITE
553600.00	4180900.00	2.59E-02	1.8	SRCGP1	OFF_SITE
553600.00	4180920.00	2.60E-02	1.8	SRCGP1	OFF_SITE
553600.00	4180940.00	2.62E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181000.00	2.58E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181020.00	2.58E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181040.00	2.63E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181060.00	2.73E-02	1.8	SRCGP1	OFF_SITE

553600.00	4181160.00	4.05E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181180.00	4.69E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181200.00	5.34E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181220.00	5.92E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181240.00	6.25E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181260.00	6.41E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181280.00	6.57E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181460.00	5.34E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181480.00	5.14E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181500.00	4.96E-02	1.8	SRCGP1	OFF_SITE
553600.00	4181520.00	4.81E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180520.00	2.37E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180540.00	2.40E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180560.00	2.44E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180600.00	2.52E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180620.00	2.57E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180640.00	2.61E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180660.00	2.66E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180700.00	2.73E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180720.00	2.76E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180740.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180760.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180780.00	2.79E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180800.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180820.00	2.75E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180840.00	2.71E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180860.00	2.65E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180900.00	2.65E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180920.00	2.69E-02	1.8	SRCGP1	OFF_SITE
553620.00	4180940.00	2.69E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181000.00	2.75E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181020.00	2.84E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181040.00	2.86E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181060.00	2.91E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181080.00	3.03E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181180.00	5.46E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181200.00	6.10E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181220.00	6.50E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181240.00	6.81E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181260.00	6.95E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181280.00	6.92E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181480.00	5.08E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181500.00	4.95E-02	1.8	SRCGP1	OFF_SITE
553620.00	4181520.00	4.79E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180520.00	2.31E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180540.00	2.34E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180560.00	2.37E-02	1.8	SRCGP1	OFF_SITE

553640.00	4180600.00	2.45E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180620.00	2.49E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180640.00	2.54E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180660.00	2.58E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180700.00	2.67E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180720.00	2.70E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180740.00	2.74E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180760.00	2.79E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180780.00	2.79E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180800.00	2.76E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180820.00	2.71E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180840.00	2.66E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180860.00	2.61E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180900.00	2.72E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180920.00	2.76E-02	1.8	SRCGP1	OFF_SITE
553640.00	4180940.00	2.81E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181000.00	3.11E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181020.00	3.07E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181040.00	3.11E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181060.00	3.13E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181080.00	3.19E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181100.00	3.35E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181200.00	7.95E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181220.00	7.60E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181240.00	7.35E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181260.00	7.35E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181500.00	4.89E-02	1.8	SRCGP1	OFF_SITE
553640.00	4181520.00	4.76E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180520.00	2.26E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180540.00	2.28E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180560.00	2.30E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180600.00	2.37E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180620.00	2.40E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180640.00	2.45E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180660.00	2.50E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180700.00	2.59E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180720.00	2.64E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180740.00	2.75E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180760.00	2.80E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180780.00	2.79E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180800.00	2.74E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180820.00	2.67E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180840.00	2.62E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180860.00	2.61E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180900.00	2.77E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180920.00	2.83E-02	1.8	SRCGP1	OFF_SITE
553660.00	4180940.00	2.90E-02	1.8	SRCGP1	OFF_SITE



553660.00	4181000.00	3.73E-02	1.8	SRCGP1	OFF_SITE
553660.00	4181020.00	3.75E-02	1.8	SRCGP1	OFF_SITE
553660.00	4181040.00	3.41E-02	1.8	SRCGP1	OFF_SITE
553660.00	4181060.00	3.36E-02	1.8	SRCGP1	OFF_SITE
553660.00	4181080.00	3.35E-02	1.8	SRCGP1	OFF_SITE
553660.00	4181100.00	3.50E-02	1.8	SRCGP1	OFF_SITE
553660.00	4181120.00	4.14E-02	1.8	SRCGP1	OFF_SITE
553660.00	4181220.00	1.01E-01	1.8	SRCGP1	OFF_SITE
553660.00	4181240.00	8.38E-02	1.8	SRCGP1	OFF_SITE
553660.00	4181520.00	4.74E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180520.00	2.21E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180540.00	2.22E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180560.00	2.24E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180600.00	2.29E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180620.00	2.32E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180640.00	2.35E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180660.00	2.40E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180700.00	2.49E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180720.00	2.60E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180740.00	2.72E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180760.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180780.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180800.00	2.74E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180820.00	2.66E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180840.00	2.61E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180860.00	2.62E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180900.00	2.80E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180920.00	2.87E-02	1.8	SRCGP1	OFF_SITE
553680.00	4180940.00	3.08E-02	1.8	SRCGP1	OFF_SITE
553680.00	4181000.00	4.22E-02	1.8	SRCGP1	OFF_SITE
553680.00	4181020.00	4.30E-02	1.8	SRCGP1	OFF_SITE
553680.00	4181040.00	4.00E-02	1.8	SRCGP1	OFF_SITE
553680.00	4181060.00	3.63E-02	1.8	SRCGP1	OFF_SITE
553680.00	4181080.00	3.57E-02	1.8	SRCGP1	OFF_SITE
553680.00	4181100.00	4.04E-02	1.8	SRCGP1	OFF_SITE
553680.00	4181120.00	5.33E-02	1.8	SRCGP1	OFF_SITE
553680.00	4181140.00	7.17E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180520.00	2.16E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180540.00	2.17E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180560.00	2.18E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180600.00	2.21E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180620.00	2.23E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180640.00	2.26E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180660.00	2.29E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180700.00	2.39E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180720.00	2.49E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180740.00	2.61E-02	1.8	SRCGP1	OFF_SITE

553700.00	4180760.00	2.69E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180780.00	2.74E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180800.00	2.73E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180820.00	2.69E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180840.00	2.64E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180860.00	2.65E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180900.00	2.78E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180920.00	3.02E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180940.00	3.39E-02	1.8	SRCGP1	OFF_SITE
553700.00	4181000.00	4.47E-02	1.8	SRCGP1	OFF_SITE
553700.00	4181020.00	4.46E-02	1.8	SRCGP1	OFF_SITE
553700.00	4181040.00	4.27E-02	1.8	SRCGP1	OFF_SITE
553700.00	4181060.00	3.99E-02	1.8	SRCGP1	OFF_SITE
553700.00	4181080.00	4.19E-02	1.8	SRCGP1	OFF_SITE
553700.00	4181100.00	5.82E-02	1.8	SRCGP1	OFF_SITE
553700.00	4181120.00	8.18E-02	1.8	SRCGP1	OFF_SITE
553700.00	4181140.00	1.02E-01	1.8	SRCGP1	OFF_SITE
553720.00	4180520.00	2.11E-02	1.8	SRCGP1	OFF_SITE
553720.00	4180540.00	2.11E-02	1.8	SRCGP1	OFF_SITE
553720.00	4180560.00	2.12E-02	1.8	SRCGP1	OFF_SITE
553720.00	4180600.00	2.14E-02	1.8	SRCGP1	OFF_SITE
553720.00	4180620.00	2.16E-02	1.8	SRCGP1	OFF_SITE
553720.00	4180640.00	2.17E-02	1.8	SRCGP1	OFF_SITE
553720.00	4180660.00	2.19E-02	1.8	SRCGP1	OFF_SITE
553740.00	4180520.00	2.06E-02	1.8	SRCGP1	OFF_SITE
553740.00	4180540.00	2.06E-02	1.8	SRCGP1	OFF_SITE
553740.00	4180560.00	2.07E-02	1.8	SRCGP1	OFF_SITE
553760.00	4180620.00	2.01E-02	1.8	SRCGP1	OFF_SITE
553760.00	4180640.00	2.01E-02	1.8	SRCGP1	OFF_SITE
553760.00	4180660.00	2.01E-02	1.8	SRCGP1	OFF_SITE
553760.00	4180680.00	2.00E-02	1.8	SRCGP1	OFF_SITE
553760.00	4180720.00	2.00E-02	1.8	SRCGP1	OFF_SITE
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553760.00	4180780.00	2.16E-02	1.8	SRCGP1	OFF_SITE
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553780.00	4180540.00	1.96E-02	1.8	SRCGP1	OFF_SITE
553780.00	4180560.00	1.96E-02	1.8	SRCGP1	OFF_SITE
553780.00	4180580.00	1.95E-02	1.8	SRCGP1	OFF_SITE
553780.00	4180600.00	1.95E-02	1.8	SRCGP1	OFF_SITE
553780.00	4180620.00	1.94E-02	1.8	SRCGP1	OFF_SITE
553780.00	4180640.00	1.93E-02	1.8	SRCGP1	OFF_SITE
553780.00	4180660.00	1.92E-02	1.8	SRCGP1	OFF_SITE
553780.00	4180680.00	1.91E-02	1.8	SRCGP1	OFF_SITE
553780.00	4180720.00	1.88E-02	1.8	SRCGP1	OFF_SITE
553780.00	4180740.00	1.87E-02	1.8	SRCGP1	OFF_SITE
553780.00	4180760.00	1.86E-02	1.8	SRCGP1	OFF_SITE

553780.00	4180780.00	1.91E-02	1.8	SRCGP1	OFF_SITE
553800.00	4180520.00	1.92E-02	1.8	SRCGP1	OFF_SITE
553800.00	4180540.00	1.92E-02	1.8	SRCGP1	OFF_SITE
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553800.00	4180580.00	1.90E-02	1.8	SRCGP1	OFF_SITE
553800.00	4180600.00	1.89E-02	1.8	SRCGP1	OFF_SITE
553800.00	4180620.00	1.88E-02	1.8	SRCGP1	OFF_SITE
553800.00	4180640.00	1.86E-02	1.8	SRCGP1	OFF_SITE
553800.00	4180660.00	1.84E-02	1.8	SRCGP1	OFF_SITE
553800.00	4180680.00	1.82E-02	1.8	SRCGP1	OFF_SITE
553800.00	4180720.00	1.77E-02	1.8	SRCGP1	OFF_SITE
553800.00	4180740.00	1.74E-02	1.8	SRCGP1	OFF_SITE
553800.00	4180760.00	1.71E-02	1.8	SRCGP1	OFF_SITE
553800.00	4180780.00	1.68E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180520.00	1.89E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180540.00	1.88E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180560.00	1.86E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180580.00	1.85E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180620.00	1.81E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180640.00	1.79E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180660.00	1.77E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180680.00	1.74E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180720.00	1.67E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180740.00	1.63E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180760.00	1.58E-02	1.8	SRCGP1	OFF_SITE
553820.00	4180780.00	1.53E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180520.00	1.85E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180540.00	1.84E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180560.00	1.83E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180580.00	1.81E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180620.00	1.77E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180640.00	1.74E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180660.00	1.71E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180680.00	1.67E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180720.00	1.59E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180740.00	1.53E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180760.00	1.47E-02	1.8	SRCGP1	OFF_SITE
553840.00	4180780.00	1.42E-02	1.8	SRCGP1	OFF_SITE
553860.00	4180520.00	1.82E-02	1.8	SRCGP1	OFF_SITE
553860.00	4180540.00	1.81E-02	1.8	SRCGP1	OFF_SITE
553860.00	4180560.00	1.79E-02	1.8	SRCGP1	OFF_SITE
553860.00	4180580.00	1.77E-02	1.8	SRCGP1	OFF_SITE
553860.00	4180620.00	1.72E-02	1.8	SRCGP1	OFF_SITE
553860.00	4180640.00	1.69E-02	1.8	SRCGP1	OFF_SITE
553860.00	4180660.00	1.66E-02	1.8	SRCGP1	OFF_SITE
553860.00	4180680.00	1.62E-02	1.8	SRCGP1	OFF_SITE
553860.00	4180720.00	1.53E-02	1.8	SRCGP1	OFF_SITE

553860.00	4180740.00	1.46E-02	1.8	SRCGP1	OFF_SITE
553860.00	4180760.00	1.41E-02	1.8	SRCGP1	OFF_SITE
553860.00	4180780.00	1.35E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180520.00	1.80E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180540.00	1.78E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180560.00	1.76E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180580.00	1.74E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180620.00	1.69E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180640.00	1.66E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180660.00	1.62E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180680.00	1.58E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180720.00	1.49E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180740.00	1.42E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180760.00	1.39E-02	1.8	SRCGP1	OFF_SITE
553880.00	4180780.00	1.34E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180520.00	1.78E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180540.00	1.76E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180560.00	1.74E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180580.00	1.72E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180620.00	1.67E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180640.00	1.63E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180660.00	1.60E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180680.00	1.56E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180720.00	1.46E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180740.00	1.41E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180760.00	1.38E-02	1.8	SRCGP1	OFF_SITE
553900.00	4180780.00	1.35E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180520.00	1.77E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180540.00	1.75E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180560.00	1.73E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180580.00	1.71E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180620.00	1.66E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180640.00	1.63E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180660.00	1.59E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180680.00	1.55E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180720.00	1.46E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180740.00	1.41E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180760.00	1.38E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180780.00	1.37E-02	1.8	SRCGP1	OFF_SITE
553940.00	4180520.00	1.76E-02	1.8	SRCGP1	OFF_SITE
553940.00	4180540.00	1.75E-02	1.8	SRCGP1	OFF_SITE
553940.00	4180560.00	1.73E-02	1.8	SRCGP1	OFF_SITE
553940.00	4180580.00	1.71E-02	1.8	SRCGP1	OFF_SITE
553940.00	4180620.00	1.66E-02	1.8	SRCGP1	OFF_SITE
553940.00	4180640.00	1.63E-02	1.8	SRCGP1	OFF_SITE
553940.00	4180660.00	1.60E-02	1.8	SRCGP1	OFF_SITE
553940.00	4180680.00	1.56E-02	1.8	SRCGP1	OFF_SITE

553940.00	4180720.00	1.47E-02	1.8	SRCGP1	OFF_SITE
553940.00	4180740.00	1.43E-02	1.8	SRCGP1	OFF_SITE
553940.00	4180760.00	1.40E-02	1.8	SRCGP1	OFF_SITE
553940.00	4180780.00	1.41E-02	1.8	SRCGP1	OFF_SITE
553960.00	4180520.00	1.77E-02	1.8	SRCGP1	OFF_SITE
553960.00	4180540.00	1.75E-02	1.8	SRCGP1	OFF_SITE
553960.00	4180560.00	1.74E-02	1.8	SRCGP1	OFF_SITE
553960.00	4180580.00	1.72E-02	1.8	SRCGP1	OFF_SITE
553960.00	4180620.00	1.68E-02	1.8	SRCGP1	OFF_SITE
553960.00	4180640.00	1.65E-02	1.8	SRCGP1	OFF_SITE
553960.00	4180660.00	1.62E-02	1.8	SRCGP1	OFF_SITE
553960.00	4180680.00	1.59E-02	1.8	SRCGP1	OFF_SITE
553960.00	4180720.00	1.52E-02	1.8	SRCGP1	OFF_SITE
553960.00	4180740.00	1.49E-02	1.8	SRCGP1	OFF_SITE
553960.00	4180760.00	1.49E-02	1.8	SRCGP1	OFF_SITE
553980.00	4180520.00	1.78E-02	1.8	SRCGP1	OFF_SITE
553980.00	4180540.00	1.77E-02	1.8	SRCGP1	OFF_SITE
553980.00	4180560.00	1.75E-02	1.8	SRCGP1	OFF_SITE
553980.00	4180580.00	1.74E-02	1.8	SRCGP1	OFF_SITE
553980.00	4180620.00	1.70E-02	1.8	SRCGP1	OFF_SITE
553980.00	4180640.00	1.68E-02	1.8	SRCGP1	OFF_SITE
553980.00	4180660.00	1.65E-02	1.8	SRCGP1	OFF_SITE
553980.00	4180680.00	1.63E-02	1.8	SRCGP1	OFF_SITE
553560.00	4181180.00	3.82E-02	1.8	SRCGP1	OFF_SITE
553920.00	4180660.00	1.59E-02	1.8	SRCGP1	OFF_SITE
553700.00	4180920.00	3.02E-02	1.8	SRCGP1	OFF_SITE
553560.00	4180920.00	2.52E-02	1.8	SRCGP1	OFF_SITE
553680.00	4181060.00	3.63E-02	1.8	SRCGP1	OFF_SITE
553760.00	4181080.00	1.50E-01	1.8	SRCGP1	R_A1_BA
553780.00	4181080.00	2.02E-01	1.8	SRCGP1	R_A1_BA
553760.00	4181100.00	2.16E-01	1.8	SRCGP1	R_A1_BA
553780.00	4181100.00	2.69E-01	1.8	SRCGP1	R_A1_BA
553760.00	4181120.00	2.68E-01	1.8	SRCGP1	R_A1_BA
553780.00	4181120.00	3.20E-01	1.8	SRCGP1	R_A1_BA
553760.00	4181140.00	2.91E-01	1.8	SRCGP1	R_A1_BA
553780.00	4181140.00	3.43E-01	1.8	SRCGP1	R_A1_BA
553760.00	4181000.00	3.87E-02	1.8	SRCGP1	R_A1_BB
553780.00	4181000.00	4.53E-02	1.8	SRCGP1	R_A1_BB
553760.00	4181020.00	4.94E-02	1.8	SRCGP1	R_A1_BB
553780.00	4181020.00	6.28E-02	1.8	SRCGP1	R_A1_BB
553760.00	4181040.00	6.46E-02	1.8	SRCGP1	R_A1_BB
553780.00	4181040.00	9.27E-02	1.8	SRCGP1	R_A1_BB
553780.00	4181060.00	1.40E-01	1.8	SRCGP1	R_A1_BB
553760.00	4180900.00	4.91E-02	1.8	SRCGP1	R_A1_BC
553780.00	4180900.00	8.18E-02	1.8	SRCGP1	R_A1_BC
553760.00	4180920.00	6.84E-02	1.8	SRCGP1	R_A1_BC
553780.00	4180920.00	1.22E-01	1.8	SRCGP1	R_A1_BC

553760.00	4180940.00	7.76E-02	1.8	SRCGP1	R_A1_BC
553780.00	4180940.00	1.34E-01	1.8	SRCGP1	R_A1_BC
553760.00	4180960.00	6.98E-02	1.8	SRCGP1	R_A1_BC
553780.00	4180960.00	1.09E-01	1.8	SRCGP1	R_A1_BC
553760.00	4180820.00	2.43E-02	1.8	SRCGP1	R_A1_BD1
553780.00	4180820.00	2.11E-02	1.8	SRCGP1	R_A1_BD1
553760.00	4180840.00	2.48E-02	1.8	SRCGP1	R_A1_BD1
553780.00	4180840.00	2.23E-02	1.8	SRCGP1	R_A1_BD1
553760.00	4180860.00	2.51E-02	1.8	SRCGP1	R_A1_BD1
553780.00	4180860.00	2.36E-02	1.8	SRCGP1	R_A1_BD1
553760.00	4180880.00	2.99E-02	1.8	SRCGP1	R_A1_BD1
553800.00	4180820.00	1.81E-02	1.8	SRCGP1	R_A1_BD2
553820.00	4180820.00	1.58E-02	1.8	SRCGP1	R_A1_BD2
553840.00	4180820.00	1.41E-02	1.8	SRCGP1	R_A1_BD2
553860.00	4180820.00	1.34E-02	1.8	SRCGP1	R_A1_BD2
553880.00	4180820.00	1.34E-02	1.8	SRCGP1	R_A1_BD2
553800.00	4180840.00	1.93E-02	1.8	SRCGP1	R_A1_BD2
553820.00	4180840.00	1.72E-02	1.8	SRCGP1	R_A1_BD2
553840.00	4180840.00	1.67E-02	1.8	SRCGP1	R_A1_BD2
553860.00	4180840.00	1.67E-02	1.8	SRCGP1	R_A1_BD2
553880.00	4180840.00	1.82E-02	1.8	SRCGP1	R_A1_BD2
553800.00	4180860.00	2.36E-02	1.8	SRCGP1	R_A1_BD2
553820.00	4180860.00	2.40E-02	1.8	SRCGP1	R_A1_BD2
553840.00	4180860.00	2.55E-02	1.8	SRCGP1	R_A1_BD2
553860.00	4180860.00	2.64E-02	1.8	SRCGP1	R_A1_BD2
553880.00	4180860.00	3.02E-02	1.8	SRCGP1	R_A1_BD2
553780.00	4180880.00	3.79E-02	1.8	SRCGP1	R_A1_BD2
553800.00	4180880.00	5.36E-02	1.8	SRCGP1	R_A1_BD2
553820.00	4180880.00	5.26E-02	1.8	SRCGP1	R_A1_BD2
553840.00	4180880.00	5.25E-02	1.8	SRCGP1	R_A1_BD2
553860.00	4180880.00	5.22E-02	1.8	SRCGP1	R_A1_BD2
553820.00	4181100.00	3.00E-01	1.8	SRCGP1	R_A2_BG
553840.00	4181100.00	2.98E-01	1.8	SRCGP1	R_A2_BG
553860.00	4181100.00	2.92E-01	1.8	SRCGP1	R_A2_BG
553820.00	4181120.00	3.37E-01	1.8	SRCGP1	R_A2_BG
553840.00	4181120.00	3.18E-01	1.8	SRCGP1	R_A2_BG
553860.00	4181120.00	2.96E-01	1.8	SRCGP1	R_A2_BG
553900.00	4181100.00	2.52E-01	1.8	SRCGP1	R_A2_BK
553920.00	4181100.00	2.32E-01	1.8	SRCGP1	R_A2_BK
553900.00	4181120.00	2.51E-01	1.8	SRCGP1	R_A2_BK
553920.00	4181120.00	2.32E-01	1.8	SRCGP1	R_A2_BK
553860.00	4181140.00	2.88E-01	1.8	SRCGP1	R_A2_PK
553880.00	4181140.00	2.62E-01	1.8	SRCGP1	R_A2_PK
553900.00	4181140.00	2.40E-01	1.8	SRCGP1	R_A2_PK
553920.00	4181140.00	2.22E-01	1.8	SRCGP1	R_A2_PK
553800.00	4181160.00	3.39E-01	1.8	SRCGP1	R_A2_PK
553820.00	4181160.00	3.33E-01	1.8	SRCGP1	R_A2_PK

553840.00	4181160.00	3.08E-01	1.8	SRCGP1	R_A2_PK
553860.00	4181160.00	2.76E-01	1.8	SRCGP1	R_A2_PK
553880.00	4181160.00	2.48E-01	1.8	SRCGP1	R_A2_PK
553900.00	4181160.00	2.27E-01	1.8	SRCGP1	R_A2_PK
553920.00	4181160.00	2.08E-01	1.8	SRCGP1	R_A2_PK
553740.00	4181180.00	1.92E-01	1.8	SRCGP1	R_A2_PK
553760.00	4181180.00	2.28E-01	1.8	SRCGP1	R_A2_PK
553780.00	4181180.00	2.62E-01	1.8	SRCGP1	R_A2_PK
553800.00	4181180.00	2.88E-01	1.8	SRCGP1	R_A2_PK
553820.00	4181180.00	3.01E-01	1.8	SRCGP1	R_A2_PK
553840.00	4181180.00	2.91E-01	1.8	SRCGP1	R_A2_PK
553860.00	4181180.00	2.66E-01	1.8	SRCGP1	R_A2_PK
553880.00	4181180.00	2.40E-01	1.8	SRCGP1	R_A2_PK
553900.00	4181180.00	2.18E-01	1.8	SRCGP1	R_A2_PK
553920.00	4181180.00	1.99E-01	1.8	SRCGP1	R_A2_PK
553740.00	4181200.00	1.48E-01	1.8	SRCGP1	R_A2_PK
553760.00	4181200.00	1.70E-01	1.8	SRCGP1	R_A2_PK
553780.00	4181200.00	1.98E-01	1.8	SRCGP1	R_A2_PK
553800.00	4181200.00	2.32E-01	1.8	SRCGP1	R_A2_PK
553820.00	4181200.00	2.58E-01	1.8	SRCGP1	R_A2_PK
553840.00	4181200.00	2.67E-01	1.8	SRCGP1	R_A2_PK
553860.00	4181200.00	2.56E-01	1.8	SRCGP1	R_A2_PK
553880.00	4181200.00	2.34E-01	1.8	SRCGP1	R_A2_PK
553900.00	4181200.00	2.06E-01	1.8	SRCGP1	R_A2_PK
553920.00	4181200.00	1.87E-01	1.8	SRCGP1	R_A2_PK
553840.00	4180920.00	1.61E-01	1.8	SRCGP1	R_A3_BE
553860.00	4180920.00	1.52E-01	1.8	SRCGP1	R_A3_BE
553820.00	4180940.00	1.87E-01	1.8	SRCGP1	R_A3_BE
553840.00	4180940.00	1.78E-01	1.8	SRCGP1	R_A3_BE
553860.00	4180940.00	1.69E-01	1.8	SRCGP1	R_A3_BE
553820.00	4181040.00	1.48E-01	1.8	SRCGP1	R_A3_BF
553840.00	4181040.00	1.64E-01	1.8	SRCGP1	R_A3_BF
553860.00	4181040.00	1.75E-01	1.8	SRCGP1	R_A3_BF
553820.00	4181060.00	2.00E-01	1.8	SRCGP1	R_A3_BF
553840.00	4181060.00	2.18E-01	1.8	SRCGP1	R_A3_BF
553860.00	4181060.00	2.29E-01	1.8	SRCGP1	R_A3_BF
553800.00	4180960.00	1.46E-01	1.8	SRCGP1	R_A3_SQ
553820.00	4180960.00	1.47E-01	1.8	SRCGP1	R_A3_SQ
553840.00	4180960.00	1.42E-01	1.8	SRCGP1	R_A3_SQ
553860.00	4180960.00	1.39E-01	1.8	SRCGP1	R_A3_SQ
553800.00	4180980.00	8.66E-02	1.8	SRCGP1	R_A3_SQ
553820.00	4180980.00	8.96E-02	1.8	SRCGP1	R_A3_SQ
553840.00	4180980.00	9.14E-02	1.8	SRCGP1	R_A3_SQ
553860.00	4180980.00	9.25E-02	1.8	SRCGP1	R_A3_SQ
553800.00	4181000.00	5.78E-02	1.8	SRCGP1	R_A3_SQ
553820.00	4181000.00	7.23E-02	1.8	SRCGP1	R_A3_SQ
553840.00	4181000.00	8.39E-02	1.8	SRCGP1	R_A3_SQ

553860.00	4181000.00	9.69E-02	1.8	SRCGP1	R_A3_SQ
553800.00	4181020.00	7.97E-02	1.8	SRCGP1	R_A3_SQ
553820.00	4181020.00	9.57E-02	1.8	SRCGP1	R_A3_SQ
553840.00	4181020.00	1.10E-01	1.8	SRCGP1	R_A3_SQ
553860.00	4181020.00	1.21E-01	1.8	SRCGP1	R_A3_SQ
553900.00	4180920.00	1.23E-01	1.8	SRCGP1	R_A4_BI
553920.00	4180920.00	8.56E-02	1.8	SRCGP1	R_A4_BI
553900.00	4180940.00	1.34E-01	1.8	SRCGP1	R_A4_BI
553920.00	4180940.00	8.50E-02	1.8	SRCGP1	R_A4_BI
553900.00	4180960.00	1.15E-01	1.8	SRCGP1	R_A4_BI
553920.00	4180960.00	7.54E-02	1.8	SRCGP1	R_A4_BI
553900.00	4181000.00	9.22E-02	1.8	SRCGP1	R_A4_BJ
553920.00	4181000.00	8.54E-02	1.8	SRCGP1	R_A4_BJ
553900.00	4181020.00	1.26E-01	1.8	SRCGP1	R_A4_BJ
553920.00	4181020.00	1.18E-01	1.8	SRCGP1	R_A4_BJ
553900.00	4181040.00	1.68E-01	1.8	SRCGP1	R_A4_BJ
553920.00	4181040.00	1.55E-01	1.8	SRCGP1	R_A4_BJ
553900.00	4181060.00	2.09E-01	1.8	SRCGP1	R_A4_BJ
553920.00	4181060.00	1.92E-01	1.8	SRCGP1	R_A4_BJ
553900.00	4181000.00	9.22E-02	1.8	SRCGP1	R_A4_BJ
553920.00	4181000.00	8.54E-02	1.8	SRCGP1	R_A4_BJ
553900.00	4180980.00	8.63E-02	1.8	SRCGP1	R_A4_CL
553920.00	4180980.00	7.02E-02	1.8	SRCGP1	R_A4_CL
553940.00	4180980.00	7.86E-02	1.8	SRCGP1	R_A4_CL
553880.00	4181000.00	1.04E-01	1.8	SRCGP1	R_A4_CL
553940.00	4181000.00	9.27E-02	1.8	SRCGP1	R_A4_CL
553940.00	4181080.00	2.01E-01	1.8	SRCGP1	R_A4_CL
553880.00	4180980.00	9.64E-02	1.8	SRCGP1	R_A4_CL
553600.00	4181380.00	6.29E-02	1.8	SRCGP1	R_ATT
553600.00	4181400.00	6.03E-02	1.8	SRCGP1	R_ATT
553620.00	4181340.00	6.68E-02	1.8	SRCGP1	R_ATT
553620.00	4181360.00	6.50E-02	1.8	SRCGP1	R_ATT
553620.00	4181380.00	6.21E-02	1.8	SRCGP1	R_ATT
553620.00	4181400.00	5.94E-02	1.8	SRCGP1	R_ATT
553620.00	4181420.00	5.70E-02	1.8	SRCGP1	R_ATT
553640.00	4181340.00	6.71E-02	1.8	SRCGP1	R_ATT
553640.00	4181320.00	6.92E-02	1.8	SRCGP1	R_ATT
553640.00	4181360.00	6.39E-02	1.8	SRCGP1	R_ATT
553640.00	4181380.00	6.10E-02	1.8	SRCGP1	R_ATT
553640.00	4181400.00	5.83E-02	1.8	SRCGP1	R_ATT
553640.00	4181420.00	5.59E-02	1.8	SRCGP1	R_ATT
553640.00	4181440.00	5.39E-02	1.8	SRCGP1	R_ATT
553660.00	4181320.00	6.90E-02	1.8	SRCGP1	R_ATT
553660.00	4181340.00	6.54E-02	1.8	SRCGP1	R_ATT
553660.00	4181360.00	6.22E-02	1.8	SRCGP1	R_ATT
553660.00	4181380.00	5.95E-02	1.8	SRCGP1	R_ATT
553660.00	4181400.00	5.71E-02	1.8	SRCGP1	R_ATT



553660.00	4181420.00	5.50E-02	1.8	SRCGP1	R_ATT
553660.00	4181440.00	5.35E-02	1.8	SRCGP1	R_ATT
553660.00	4181460.00	5.17E-02	1.8	SRCGP1	R_ATT
553680.00	4181360.00	6.09E-02	1.8	SRCGP1	R_ATT
553680.00	4181380.00	5.85E-02	1.8	SRCGP1	R_ATT
553680.00	4181400.00	5.66E-02	1.8	SRCGP1	R_ATT
553680.00	4181420.00	5.48E-02	1.8	SRCGP1	R_ATT
553680.00	4181440.00	5.30E-02	1.8	SRCGP1	R_ATT
553680.00	4181460.00	5.13E-02	1.8	SRCGP1	R_ATT
553680.00	4181480.00	4.97E-02	1.8	SRCGP1	R_ATT
553680.00	4181340.00	6.37E-02	1.8	SRCGP1	R_ATT
553680.00	4181320.00	6.68E-02	1.8	SRCGP1	R_ATT
553700.00	4181360.00	5.95E-02	1.8	SRCGP1	R_ATT
553700.00	4181380.00	5.77E-02	1.8	SRCGP1	R_ATT
553700.00	4181400.00	5.56E-02	1.8	SRCGP1	R_ATT
553700.00	4181420.00	5.38E-02	1.8	SRCGP1	R_ATT
553700.00	4181440.00	5.21E-02	1.8	SRCGP1	R_ATT
553700.00	4181460.00	5.04E-02	1.8	SRCGP1	R_ATT
553700.00	4181480.00	4.89E-02	1.8	SRCGP1	R_ATT
553700.00	4181500.00	4.75E-02	1.8	SRCGP1	R_ATT
553700.00	4181340.00	6.17E-02	1.8	SRCGP1	R_ATT
553700.00	4181320.00	6.48E-02	1.8	SRCGP1	R_ATT
553720.00	4181360.00	5.83E-02	1.8	SRCGP1	R_ATT
553720.00	4181380.00	5.63E-02	1.8	SRCGP1	R_ATT
553720.00	4181400.00	5.45E-02	1.8	SRCGP1	R_ATT
553720.00	4181420.00	5.27E-02	1.8	SRCGP1	R_ATT
553720.00	4181440.00	5.10E-02	1.8	SRCGP1	R_ATT
553720.00	4181460.00	4.95E-02	1.8	SRCGP1	R_ATT
553720.00	4181480.00	4.81E-02	1.8	SRCGP1	R_ATT
553720.00	4181500.00	4.66E-02	1.8	SRCGP1	R_ATT
553720.00	4181520.00	4.53E-02	1.8	SRCGP1	R_ATT
553720.00	4181340.00	6.03E-02	1.8	SRCGP1	R_ATT
553720.00	4181320.00	6.28E-02	1.8	SRCGP1	R_ATT
553740.00	4181360.00	5.68E-02	1.8	SRCGP1	R_ATT
553740.00	4181380.00	5.50E-02	1.8	SRCGP1	R_ATT
553740.00	4181400.00	5.32E-02	1.8	SRCGP1	R_ATT
553740.00	4181420.00	5.16E-02	1.8	SRCGP1	R_ATT
553740.00	4181440.00	5.00E-02	1.8	SRCGP1	R_ATT
553740.00	4181460.00	4.84E-02	1.8	SRCGP1	R_ATT
553740.00	4181480.00	4.70E-02	1.8	SRCGP1	R_ATT
553740.00	4181500.00	4.56E-02	1.8	SRCGP1	R_ATT
553740.00	4181520.00	4.43E-02	1.8	SRCGP1	R_ATT
553740.00	4181340.00	5.89E-02	1.8	SRCGP1	R_ATT
553740.00	4181320.00	6.21E-02	1.8	SRCGP1	R_ATT
553760.00	4181360.00	5.54E-02	1.8	SRCGP1	R_ATT
553760.00	4181380.00	5.37E-02	1.8	SRCGP1	R_ATT
553760.00	4181400.00	5.19E-02	1.8	SRCGP1	R_ATT

553760.00	4181420.00	5.02E-02	1.8	SRCGP1	R_ATT
553760.00	4181440.00	4.86E-02	1.8	SRCGP1	R_ATT
553760.00	4181460.00	4.71E-02	1.8	SRCGP1	R_ATT
553760.00	4181480.00	4.58E-02	1.8	SRCGP1	R_ATT
553760.00	4181500.00	4.46E-02	1.8	SRCGP1	R_ATT
553760.00	4181520.00	4.33E-02	1.8	SRCGP1	R_ATT
553760.00	4181340.00	5.78E-02	1.8	SRCGP1	R_ATT
553760.00	4181320.00	6.13E-02	1.8	SRCGP1	R_ATT
553780.00	4181360.00	5.40E-02	1.8	SRCGP1	R_ATT
553780.00	4181380.00	5.21E-02	1.8	SRCGP1	R_ATT
553780.00	4181400.00	5.04E-02	1.8	SRCGP1	R_ATT
553780.00	4181420.00	4.90E-02	1.8	SRCGP1	R_ATT
553780.00	4181440.00	4.76E-02	1.8	SRCGP1	R_ATT
553780.00	4181460.00	4.61E-02	1.8	SRCGP1	R_ATT
553780.00	4181480.00	4.48E-02	1.8	SRCGP1	R_ATT
553780.00	4181500.00	4.35E-02	1.8	SRCGP1	R_ATT
553780.00	4181520.00	4.24E-02	1.8	SRCGP1	R_ATT
553780.00	4181340.00	5.69E-02	1.8	SRCGP1	R_ATT
553800.00	4181360.00	5.36E-02	1.8	SRCGP1	R_ATT
553800.00	4181380.00	5.13E-02	1.8	SRCGP1	R_ATT
553800.00	4181400.00	4.94E-02	1.8	SRCGP1	R_ATT
553800.00	4181420.00	4.77E-02	1.8	SRCGP1	R_ATT
553800.00	4181440.00	4.64E-02	1.8	SRCGP1	R_ATT
553800.00	4181460.00	4.51E-02	1.8	SRCGP1	R_ATT
553800.00	4181480.00	4.39E-02	1.8	SRCGP1	R_ATT
553800.00	4181500.00	4.27E-02	1.8	SRCGP1	R_ATT
553800.00	4181520.00	4.15E-02	1.8	SRCGP1	R_ATT
553820.00	4181360.00	5.44E-02	1.8	SRCGP1	R_ATT
553820.00	4181380.00	5.16E-02	1.8	SRCGP1	R_ATT
553820.00	4181400.00	4.94E-02	1.8	SRCGP1	R_ATT
553820.00	4181420.00	4.73E-02	1.8	SRCGP1	R_ATT
553820.00	4181440.00	4.55E-02	1.8	SRCGP1	R_ATT
553820.00	4181460.00	4.40E-02	1.8	SRCGP1	R_ATT
553820.00	4181480.00	4.28E-02	1.8	SRCGP1	R_ATT
553820.00	4181500.00	4.17E-02	1.8	SRCGP1	R_ATT
553820.00	4181520.00	4.06E-02	1.8	SRCGP1	R_ATT
553840.00	4181360.00	5.73E-02	1.8	SRCGP1	R_ATT
553840.00	4181380.00	5.26E-02	1.8	SRCGP1	R_ATT
553840.00	4181400.00	4.99E-02	1.8	SRCGP1	R_ATT
553840.00	4181420.00	4.76E-02	1.8	SRCGP1	R_ATT
553840.00	4181440.00	4.57E-02	1.8	SRCGP1	R_ATT
553840.00	4181460.00	4.40E-02	1.8	SRCGP1	R_ATT
553840.00	4181480.00	4.24E-02	1.8	SRCGP1	R_ATT
553840.00	4181500.00	4.10E-02	1.8	SRCGP1	R_ATT
553840.00	4181520.00	3.99E-02	1.8	SRCGP1	R_ATT
553920.00	4180820.00	1.85E-02	1.8	SRCGP1	R_B4_BH
553940.00	4180820.00	2.09E-02	1.8	SRCGP1	R_B4_BH

553920.00	4180840.00	2.72E-02	1.8	SRCGP1	R_B4_BH
553940.00	4180840.00	3.00E-02	1.8	SRCGP1	R_B4_BH
553900.00	4180860.00	3.43E-02	1.8	SRCGP1	R_B4_BH
553920.00	4180860.00	3.76E-02	1.8	SRCGP1	R_B4_BH
553940.00	4180860.00	4.18E-02	1.8	SRCGP1	R_B4_BH
553900.00	4180880.00	5.60E-02	1.8	SRCGP1	R_B4_BH
553920.00	4180880.00	5.32E-02	1.8	SRCGP1	R_B4_BH
553960.00	4181040.00	1.47E-01	1.8	SRCGP1	R_PIER48
553980.00	4181040.00	1.52E-01	1.8	SRCGP1	R_PIER48
554000.00	4181040.00	1.47E-01	1.8	SRCGP1	R_PIER48
553960.00	4181060.00	1.68E-01	1.8	SRCGP1	R_PIER48
553980.00	4181060.00	1.68E-01	1.8	SRCGP1	R_PIER48
554000.00	4181060.00	1.63E-01	1.8	SRCGP1	R_PIER48
554020.00	4181060.00	1.49E-01	1.8	SRCGP1	R_PIER48
554040.00	4181060.00	1.41E-01	1.8	SRCGP1	R_PIER48
554060.00	4181060.00	1.43E-01	1.8	SRCGP1	R_PIER48
554080.00	4181060.00	1.51E-01	1.8	SRCGP1	R_PIER48
554100.00	4181060.00	1.59E-01	1.8	SRCGP1	R_PIER48
554120.00	4181060.00	1.66E-01	1.8	SRCGP1	R_PIER48
554140.00	4181060.00	1.73E-01	1.8	SRCGP1	R_PIER48
554160.00	4181060.00	1.78E-01	1.8	SRCGP1	R_PIER48
553960.00	4181080.00	1.88E-01	1.8	SRCGP1	R_PIER48
553980.00	4181080.00	1.80E-01	1.8	SRCGP1	R_PIER48
554000.00	4181080.00	1.74E-01	1.8	SRCGP1	R_PIER48
554020.00	4181080.00	1.61E-01	1.8	SRCGP1	R_PIER48
554040.00	4181080.00	1.45E-01	1.8	SRCGP1	R_PIER48
554060.00	4181080.00	1.44E-01	1.8	SRCGP1	R_PIER48
554080.00	4181080.00	1.50E-01	1.8	SRCGP1	R_PIER48
554100.00	4181080.00	1.57E-01	1.8	SRCGP1	R_PIER48
554120.00	4181080.00	1.63E-01	1.8	SRCGP1	R_PIER48
554140.00	4181080.00	1.69E-01	1.8	SRCGP1	R_PIER48
554160.00	4181080.00	1.75E-01	1.8	SRCGP1	R_PIER48
553960.00	4181100.00	2.00E-01	1.8	SRCGP1	R_PIER48
553980.00	4181100.00	1.91E-01	1.8	SRCGP1	R_PIER48
554000.00	4181100.00	1.79E-01	1.8	SRCGP1	R_PIER48
554020.00	4181100.00	1.65E-01	1.8	SRCGP1	R_PIER48
554040.00	4181100.00	1.47E-01	1.8	SRCGP1	R_PIER48
554060.00	4181100.00	1.43E-01	1.8	SRCGP1	R_PIER48
554080.00	4181100.00	1.47E-01	1.8	SRCGP1	R_PIER48
554100.00	4181100.00	1.53E-01	1.8	SRCGP1	R_PIER48
554120.00	4181100.00	1.60E-01	1.8	SRCGP1	R_PIER48
554140.00	4181100.00	1.66E-01	1.8	SRCGP1	R_PIER48
554160.00	4181100.00	1.70E-01	1.8	SRCGP1	R_PIER48
553960.00	4181120.00	2.03E-01	1.8	SRCGP1	R_PIER48
553980.00	4181120.00	1.94E-01	1.8	SRCGP1	R_PIER48
554000.00	4181120.00	1.82E-01	1.8	SRCGP1	R_PIER48
554020.00	4181120.00	1.64E-01	1.8	SRCGP1	R_PIER48

554040.00	4181120.00	1.44E-01	1.8	SRCGP1	R_PIER48
554060.00	4181120.00	1.40E-01	1.8	SRCGP1	R_PIER48
554080.00	4181120.00	1.43E-01	1.8	SRCGP1	R_PIER48
554100.00	4181120.00	1.49E-01	1.8	SRCGP1	R_PIER48
554120.00	4181120.00	1.55E-01	1.8	SRCGP1	R_PIER48
554140.00	4181120.00	1.60E-01	1.8	SRCGP1	R_PIER48
553940.00	4181140.00	2.08E-01	1.8	SRCGP1	R_PIER48
553960.00	4181140.00	1.98E-01	1.8	SRCGP1	R_PIER48
553980.00	4181140.00	1.92E-01	1.8	SRCGP1	R_PIER48
554000.00	4181140.00	1.79E-01	1.8	SRCGP1	R_PIER48
554020.00	4181140.00	1.60E-01	1.8	SRCGP1	R_PIER48
554040.00	4181140.00	1.39E-01	1.8	SRCGP1	R_PIER48
554060.00	4181140.00	1.33E-01	1.8	SRCGP1	R_PIER48
554080.00	4181140.00	1.37E-01	1.8	SRCGP1	R_PIER48
554100.00	4181140.00	1.44E-01	1.8	SRCGP1	R_PIER48
554120.00	4181140.00	1.49E-01	1.8	SRCGP1	R_PIER48
554140.00	4181140.00	1.55E-01	1.8	SRCGP1	R_PIER48
554040.00	4181160.00	1.32E-01	1.8	SRCGP1	R_PIER48
554060.00	4181160.00	1.27E-01	1.8	SRCGP1	R_PIER48
554080.00	4181160.00	1.31E-01	1.8	SRCGP1	R_PIER48
554100.00	4181160.00	1.37E-01	1.8	SRCGP1	R_PIER48
554120.00	4181160.00	1.43E-01	1.8	SRCGP1	R_PIER48
554140.00	4181160.00	1.48E-01	1.8	SRCGP1	R_PIER48
553980.00	4180780.00	1.76E-02	1.8	SRCGP1	R_PIER50
553980.00	4180800.00	2.03E-02	1.8	SRCGP1	R_PIER50
553980.00	4180820.00	2.50E-02	1.8	SRCGP1	R_PIER50
553980.00	4180840.00	3.40E-02	1.8	SRCGP1	R_PIER50
553980.00	4180860.00	4.59E-02	1.8	SRCGP1	R_PIER50
553980.00	4180880.00	6.09E-02	1.8	SRCGP1	R_PIER50
553980.00	4180900.00	7.55E-02	1.8	SRCGP1	R_PIER50
553980.00	4180920.00	8.68E-02	1.8	SRCGP1	R_PIER50
553980.00	4180940.00	9.13E-02	1.8	SRCGP1	R_PIER50
553980.00	4180960.00	9.06E-02	1.8	SRCGP1	R_PIER50
554000.00	4180720.00	1.68E-02	1.8	SRCGP1	R_PIER50
554000.00	4180740.00	1.72E-02	1.8	SRCGP1	R_PIER50
554000.00	4180760.00	1.83E-02	1.8	SRCGP1	R_PIER50
554000.00	4180780.00	2.05E-02	1.8	SRCGP1	R_PIER50
554000.00	4180800.00	2.42E-02	1.8	SRCGP1	R_PIER50
554000.00	4180820.00	2.99E-02	1.8	SRCGP1	R_PIER50
554000.00	4180840.00	3.75E-02	1.8	SRCGP1	R_PIER50
554000.00	4180860.00	4.94E-02	1.8	SRCGP1	R_PIER50
554000.00	4180880.00	6.36E-02	1.8	SRCGP1	R_PIER50
554000.00	4180900.00	7.86E-02	1.8	SRCGP1	R_PIER50
554000.00	4180920.00	8.97E-02	1.8	SRCGP1	R_PIER50
554000.00	4180940.00	9.44E-02	1.8	SRCGP1	R_PIER50
554000.00	4180960.00	9.88E-02	1.8	SRCGP1	R_PIER50
554020.00	4180840.00	4.34E-02	1.8	SRCGP1	R_PIER50

554020.00	4180860.00	5.46E-02	1.8	SRCGP1	R_PIER50
554020.00	4180880.00	6.84E-02	1.8	SRCGP1	R_PIER50
554020.00	4180900.00	8.23E-02	1.8	SRCGP1	R_PIER50
554020.00	4180920.00	9.27E-02	1.8	SRCGP1	R_PIER50
554020.00	4180940.00	1.02E-01	1.8	SRCGP1	R_PIER50
554020.00	4180960.00	1.08E-01	1.8	SRCGP1	R_PIER50
554040.00	4180840.00	5.07E-02	1.8	SRCGP1	R_PIER50
554040.00	4180860.00	6.15E-02	1.8	SRCGP1	R_PIER50
554040.00	4180880.00	7.43E-02	1.8	SRCGP1	R_PIER50
554040.00	4180900.00	8.72E-02	1.8	SRCGP1	R_PIER50
554040.00	4180920.00	9.95E-02	1.8	SRCGP1	R_PIER50
554040.00	4180940.00	1.10E-01	1.8	SRCGP1	R_PIER50
554040.00	4180960.00	1.17E-01	1.8	SRCGP1	R_PIER50
554060.00	4180840.00	5.85E-02	1.8	SRCGP1	R_PIER50
554060.00	4180860.00	6.97E-02	1.8	SRCGP1	R_PIER50
554060.00	4180880.00	8.21E-02	1.8	SRCGP1	R_PIER50
554060.00	4180900.00	9.50E-02	1.8	SRCGP1	R_PIER50
554060.00	4180920.00	1.07E-01	1.8	SRCGP1	R_PIER50
554060.00	4180940.00	1.17E-01	1.8	SRCGP1	R_PIER50
554060.00	4180960.00	1.25E-01	1.8	SRCGP1	R_PIER50
554080.00	4180840.00	6.68E-02	1.8	SRCGP1	R_PIER50
554080.00	4180860.00	7.85E-02	1.8	SRCGP1	R_PIER50
554080.00	4180880.00	9.08E-02	1.8	SRCGP1	R_PIER50
554080.00	4180900.00	1.03E-01	1.8	SRCGP1	R_PIER50
554080.00	4180920.00	1.15E-01	1.8	SRCGP1	R_PIER50
554080.00	4180940.00	1.26E-01	1.8	SRCGP1	R_PIER50
554080.00	4180960.00	1.34E-01	1.8	SRCGP1	R_PIER50
554100.00	4180840.00	7.53E-02	1.8	SRCGP1	R_PIER50
554100.00	4180860.00	8.76E-02	1.8	SRCGP1	R_PIER50
554100.00	4180880.00	9.99E-02	1.8	SRCGP1	R_PIER50
554100.00	4180900.00	1.12E-01	1.8	SRCGP1	R_PIER50
554100.00	4180920.00	1.24E-01	1.8	SRCGP1	R_PIER50
554100.00	4180940.00	1.34E-01	1.8	SRCGP1	R_PIER50
554100.00	4180960.00	1.43E-01	1.8	SRCGP1	R_PIER50
554120.00	4180840.00	8.38E-02	1.8	SRCGP1	R_PIER50
554120.00	4180860.00	9.63E-02	1.8	SRCGP1	R_PIER50
554120.00	4180880.00	1.09E-01	1.8	SRCGP1	R_PIER50
554120.00	4180900.00	1.21E-01	1.8	SRCGP1	R_PIER50
554120.00	4180920.00	1.32E-01	1.8	SRCGP1	R_PIER50
554120.00	4180940.00	1.42E-01	1.8	SRCGP1	R_PIER50
554120.00	4180960.00	1.51E-01	1.8	SRCGP1	R_PIER50
554140.00	4180840.00	9.21E-02	1.8	SRCGP1	R_PIER50
554140.00	4180860.00	1.05E-01	1.8	SRCGP1	R_PIER50
554140.00	4180880.00	1.17E-01	1.8	SRCGP1	R_PIER50
554140.00	4180900.00	1.29E-01	1.8	SRCGP1	R_PIER50
554140.00	4180920.00	1.40E-01	1.8	SRCGP1	R_PIER50
554140.00	4180940.00	1.50E-01	1.8	SRCGP1	R_PIER50

554140.00	4180960.00	1.59E-01	1.8	SRCGP1	R_PIER50
554160.00	4180840.00	9.98E-02	1.8	SRCGP1	R_PIER50
554160.00	4180860.00	1.12E-01	1.8	SRCGP1	R_PIER50
554160.00	4180880.00	1.25E-01	1.8	SRCGP1	R_PIER50
554160.00	4180900.00	1.37E-01	1.8	SRCGP1	R_PIER50
554160.00	4180920.00	1.48E-01	1.8	SRCGP1	R_PIER50
554160.00	4180940.00	1.57E-01	1.8	SRCGP1	R_PIER50
554160.00	4180960.00	1.65E-01	1.8	SRCGP1	R_PIER50
554180.00	4180840.00	1.07E-01	1.8	SRCGP1	R_PIER50
554180.00	4180860.00	1.19E-01	1.8	SRCGP1	R_PIER50
554180.00	4180880.00	1.32E-01	1.8	SRCGP1	R_PIER50
554180.00	4180900.00	1.44E-01	1.8	SRCGP1	R_PIER50
554180.00	4180920.00	1.54E-01	1.8	SRCGP1	R_PIER50
554180.00	4180940.00	1.63E-01	1.8	SRCGP1	R_PIER50
554180.00	4180960.00	1.71E-01	1.8	SRCGP1	R_PIER50
554200.00	4180840.00	1.13E-01	1.8	SRCGP1	R_PIER50
554200.00	4180860.00	1.26E-01	1.8	SRCGP1	R_PIER50
554200.00	4180880.00	1.38E-01	1.8	SRCGP1	R_PIER50
554200.00	4180900.00	1.50E-01	1.8	SRCGP1	R_PIER50
554200.00	4180920.00	1.60E-01	1.8	SRCGP1	R_PIER50
554200.00	4180940.00	1.69E-01	1.8	SRCGP1	R_PIER50
554200.00	4180960.00	1.76E-01	1.8	SRCGP1	R_PIER50
554220.00	4180840.00	1.19E-01	1.8	SRCGP1	R_PIER50
554220.00	4180860.00	1.31E-01	1.8	SRCGP1	R_PIER50
554220.00	4180880.00	1.43E-01	1.8	SRCGP1	R_PIER50
554220.00	4180900.00	1.54E-01	1.8	SRCGP1	R_PIER50
554220.00	4180920.00	1.64E-01	1.8	SRCGP1	R_PIER50
554220.00	4180940.00	1.73E-01	1.8	SRCGP1	R_PIER50
554220.00	4180960.00	1.80E-01	1.8	SRCGP1	R_PIER50
554240.00	4180820.00	1.12E-01	1.8	SRCGP1	R_PIER50
554240.00	4180840.00	1.24E-01	1.8	SRCGP1	R_PIER50
554240.00	4180860.00	1.36E-01	1.8	SRCGP1	R_PIER50
554240.00	4180880.00	1.48E-01	1.8	SRCGP1	R_PIER50
554240.00	4180900.00	1.59E-01	1.8	SRCGP1	R_PIER50
554240.00	4180920.00	1.68E-01	1.8	SRCGP1	R_PIER50
554240.00	4180940.00	1.76E-01	1.8	SRCGP1	R_PIER50
554240.00	4180960.00	1.83E-01	1.8	SRCGP1	R_PIER50
554260.00	4180820.00	1.16E-01	1.8	SRCGP1	R_PIER50
554260.00	4180840.00	1.28E-01	1.8	SRCGP1	R_PIER50
554260.00	4180860.00	1.40E-01	1.8	SRCGP1	R_PIER50
554260.00	4180880.00	1.51E-01	1.8	SRCGP1	R_PIER50
554260.00	4180900.00	1.62E-01	1.8	SRCGP1	R_PIER50
554260.00	4180920.00	1.71E-01	1.8	SRCGP1	R_PIER50
554260.00	4180940.00	1.79E-01	1.8	SRCGP1	R_PIER50
554260.00	4180960.00	1.85E-01	1.8	SRCGP1	R_PIER50
554280.00	4180800.00	1.09E-01	1.8	SRCGP1	R_PIER50
554280.00	4180820.00	1.20E-01	1.8	SRCGP1	R_PIER50

554280.00	4180840.00	1.32E-01	1.8	SRCGP1	R_PIER50
554280.00	4180860.00	1.43E-01	1.8	SRCGP1	R_PIER50
554280.00	4180880.00	1.54E-01	1.8	SRCGP1	R_PIER50
554280.00	4180900.00	1.64E-01	1.8	SRCGP1	R_PIER50
554280.00	4180920.00	1.73E-01	1.8	SRCGP1	R_PIER50
554280.00	4180940.00	1.80E-01	1.8	SRCGP1	R_PIER50
554280.00	4180960.00	1.87E-01	1.8	SRCGP1	R_PIER50
554300.00	4180780.00	1.01E-01	1.8	SRCGP1	R_PIER50
554300.00	4180800.00	1.12E-01	1.8	SRCGP1	R_PIER50
554300.00	4180820.00	1.23E-01	1.8	SRCGP1	R_PIER50
554300.00	4180840.00	1.35E-01	1.8	SRCGP1	R_PIER50
554300.00	4180860.00	1.46E-01	1.8	SRCGP1	R_PIER50
554300.00	4180880.00	1.56E-01	1.8	SRCGP1	R_PIER50
554300.00	4180900.00	1.66E-01	1.8	SRCGP1	R_PIER50
554300.00	4180920.00	1.74E-01	1.8	SRCGP1	R_PIER50
554300.00	4180940.00	1.81E-01	1.8	SRCGP1	R_PIER50
554300.00	4180960.00	1.87E-01	1.8	SRCGP1	R_PIER50
554320.00	4180780.00	1.04E-01	1.8	SRCGP1	R_PIER50
554320.00	4180800.00	1.15E-01	1.8	SRCGP1	R_PIER50
554320.00	4180820.00	1.26E-01	1.8	SRCGP1	R_PIER50
554320.00	4180840.00	1.37E-01	1.8	SRCGP1	R_PIER50
554320.00	4180860.00	1.47E-01	1.8	SRCGP1	R_PIER50
554320.00	4180880.00	1.57E-01	1.8	SRCGP1	R_PIER50
554320.00	4180900.00	1.67E-01	1.8	SRCGP1	R_PIER50
554320.00	4180920.00	1.75E-01	1.8	SRCGP1	R_PIER50
554320.00	4180940.00	1.82E-01	1.8	SRCGP1	R_PIER50
554320.00	4180960.00	1.87E-01	1.8	SRCGP1	R_PIER50
554340.00	4180760.00	9.67E-02	1.8	SRCGP1	R_PIER50
554340.00	4180780.00	1.07E-01	1.8	SRCGP1	R_PIER50
554340.00	4180800.00	1.17E-01	1.8	SRCGP1	R_PIER50
554340.00	4180820.00	1.28E-01	1.8	SRCGP1	R_PIER50
554340.00	4180840.00	1.38E-01	1.8	SRCGP1	R_PIER50
554340.00	4180860.00	1.49E-01	1.8	SRCGP1	R_PIER50
554340.00	4180880.00	1.58E-01	1.8	SRCGP1	R_PIER50
554340.00	4180900.00	1.67E-01	1.8	SRCGP1	R_PIER50
554340.00	4180920.00	1.75E-01	1.8	SRCGP1	R_PIER50
554340.00	4180940.00	1.81E-01	1.8	SRCGP1	R_PIER50
554340.00	4180960.00	1.86E-01	1.8	SRCGP1	R_PIER50
554360.00	4180760.00	9.92E-02	1.8	SRCGP1	R_PIER50
554360.00	4180780.00	1.09E-01	1.8	SRCGP1	R_PIER50
554360.00	4180800.00	1.19E-01	1.8	SRCGP1	R_PIER50
554360.00	4180820.00	1.30E-01	1.8	SRCGP1	R_PIER50
554360.00	4180840.00	1.40E-01	1.8	SRCGP1	R_PIER50
554360.00	4180860.00	1.49E-01	1.8	SRCGP1	R_PIER50
554360.00	4180880.00	1.58E-01	1.8	SRCGP1	R_PIER50
554360.00	4180900.00	1.67E-01	1.8	SRCGP1	R_PIER50
554360.00	4180920.00	1.74E-01	1.8	SRCGP1	R_PIER50

554360.00	4180940.00	1.80E-01	1.8	SRCGP1	R_PIER50
554360.00	4180960.00	1.85E-01	1.8	SRCGP1	R_PIER50
554380.00	4180740.00	9.18E-02	1.8	SRCGP1	R_PIER50
554380.00	4180760.00	1.01E-01	1.8	SRCGP1	R_PIER50
554380.00	4180780.00	1.11E-01	1.8	SRCGP1	R_PIER50
554380.00	4180800.00	1.21E-01	1.8	SRCGP1	R_PIER50
554380.00	4180820.00	1.31E-01	1.8	SRCGP1	R_PIER50
554380.00	4180840.00	1.40E-01	1.8	SRCGP1	R_PIER50
554380.00	4180860.00	1.49E-01	1.8	SRCGP1	R_PIER50
554380.00	4180880.00	1.58E-01	1.8	SRCGP1	R_PIER50
554380.00	4180900.00	1.66E-01	1.8	SRCGP1	R_PIER50
554380.00	4180920.00	1.73E-01	1.8	SRCGP1	R_PIER50
554380.00	4180940.00	1.79E-01	1.8	SRCGP1	R_PIER50
554380.00	4180960.00	1.83E-01	1.8	SRCGP1	R_PIER50
554400.00	4180740.00	9.38E-02	1.8	SRCGP1	R_PIER50
554400.00	4180760.00	1.03E-01	1.8	SRCGP1	R_PIER50
554400.00	4180780.00	1.12E-01	1.8	SRCGP1	R_PIER50
554400.00	4180800.00	1.22E-01	1.8	SRCGP1	R_PIER50
554400.00	4180820.00	1.31E-01	1.8	SRCGP1	R_PIER50
554400.00	4180840.00	1.40E-01	1.8	SRCGP1	R_PIER50
554400.00	4180860.00	1.49E-01	1.8	SRCGP1	R_PIER50
554400.00	4180880.00	1.57E-01	1.8	SRCGP1	R_PIER50
554400.00	4180900.00	1.65E-01	1.8	SRCGP1	R_PIER50
554400.00	4180920.00	1.72E-01	1.8	SRCGP1	R_PIER50
554400.00	4180940.00	1.77E-01	1.8	SRCGP1	R_PIER50
554400.00	4180960.00	1.82E-01	1.8	SRCGP1	R_PIER50
554420.00	4180720.00	8.68E-02	1.8	SRCGP1	R_PIER50
554420.00	4180740.00	9.55E-02	1.8	SRCGP1	R_PIER50
554420.00	4180760.00	1.04E-01	1.8	SRCGP1	R_PIER50
554420.00	4180780.00	1.13E-01	1.8	SRCGP1	R_PIER50
554420.00	4180800.00	1.22E-01	1.8	SRCGP1	R_PIER50
554420.00	4180820.00	1.31E-01	1.8	SRCGP1	R_PIER50
554420.00	4180840.00	1.40E-01	1.8	SRCGP1	R_PIER50
554420.00	4180860.00	1.48E-01	1.8	SRCGP1	R_PIER50
554420.00	4180880.00	1.56E-01	1.8	SRCGP1	R_PIER50
554420.00	4180900.00	1.63E-01	1.8	SRCGP1	R_PIER50
554420.00	4180920.00	1.70E-01	1.8	SRCGP1	R_PIER50
554420.00	4180940.00	1.75E-01	1.8	SRCGP1	R_PIER50
554420.00	4180960.00	1.79E-01	1.8	SRCGP1	R_PIER50
554440.00	4180720.00	8.84E-02	1.8	SRCGP1	R_PIER50
554440.00	4180740.00	9.69E-02	1.8	SRCGP1	R_PIER50
554440.00	4180760.00	1.06E-01	1.8	SRCGP1	R_PIER50
554440.00	4180780.00	1.14E-01	1.8	SRCGP1	R_PIER50
554440.00	4180800.00	1.23E-01	1.8	SRCGP1	R_PIER50
554440.00	4180820.00	1.31E-01	1.8	SRCGP1	R_PIER50
554440.00	4180840.00	1.40E-01	1.8	SRCGP1	R_PIER50
554440.00	4180860.00	1.47E-01	1.8	SRCGP1	R_PIER50



554440.00	4180880.00	1.55E-01	1.8	SRCGP1	R_PIER50
554440.00	4180900.00	1.62E-01	1.8	SRCGP1	R_PIER50
554440.00	4180920.00	1.68E-01	1.8	SRCGP1	R_PIER50
554440.00	4180940.00	1.73E-01	1.8	SRCGP1	R_PIER50
554440.00	4180960.00	1.76E-01	1.8	SRCGP1	R_PIER50
553680.00	4180480.00	2.18E-02	1.8	SRCGP1	Sensitive
553360.00	4181000.00	2.33E-02	1.8	SRCGP1	Sensitive
553160.00	4180800.00	3.06E-02	1.8	SRCGP1	Sensitive
552940.00	4180980.00	2.73E-02	1.8	SRCGP1	Sensitive
553440.00	4180240.00	2.34E-02	1.8	SRCGP1	Sensitive
553920.00	4180800.00	1.43E-02	1.8	SRCGP1	Sensitive
553400.00	4180440.00	2.74E-02	1.8	SRCGP1	Sensitive
553920.00	4180000.00	1.80E-02	1.8	SRCGP1	Sensitive
553560.00	4180360.00	2.30E-02	1.8	SRCGP1	Sensitive
553360.00	4180340.00	2.62E-02	1.8	SRCGP1	Sensitive
553160.00	4181180.00	2.34E-02	1.8	SRCGP1	Sensitive

**Annual Average Concentration at Each Receptor Location: Mission Rock Operation Scenario - Source Group :**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	1.91E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180540.00	2.02E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180560.00	2.13E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180580.00	2.24E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180600.00	2.37E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180620.00	2.49E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180640.00	2.62E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180660.00	2.76E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180720.00	3.15E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180740.00	3.27E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180760.00	3.39E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180780.00	3.49E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180800.00	3.59E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180840.00	3.75E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180860.00	3.81E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180880.00	3.86E+00	1.8	SRCGP2	OFF_SITE
553440.00	4180900.00	3.90E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181020.00	3.77E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181040.00	3.70E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181060.00	3.62E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181080.00	3.52E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181160.00	3.12E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181180.00	3.01E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181200.00	2.89E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181220.00	2.78E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181240.00	2.67E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181260.00	2.56E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181300.00	2.36E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181320.00	2.27E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181340.00	2.18E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181360.00	2.10E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181380.00	2.02E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181400.00	1.95E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181420.00	1.88E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181440.00	1.81E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181460.00	1.75E+00	1.8	SRCGP2	OFF_SITE
553440.00	4181480.00	1.69E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180520.00	1.96E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180540.00	2.07E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180560.00	2.19E+00	1.8	SRCGP2	OFF_SITE

553460.00	4180580.00	2.32E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180600.00	2.45E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180620.00	2.59E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180640.00	2.74E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180660.00	2.89E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180700.00	3.19E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180740.00	3.48E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180760.00	3.61E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180780.00	3.74E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180800.00	3.85E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180820.00	3.96E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180860.00	4.13E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180880.00	4.19E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180900.00	4.23E+00	1.8	SRCGP2	OFF_SITE
553460.00	4180920.00	4.26E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181040.00	4.02E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181060.00	3.93E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181120.00	3.59E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181140.00	3.47E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181180.00	3.22E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181200.00	3.09E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181220.00	2.96E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181240.00	2.84E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181260.00	2.71E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181280.00	2.60E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181320.00	2.39E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181340.00	2.29E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181360.00	2.20E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181380.00	2.12E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181400.00	2.04E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181420.00	1.96E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181440.00	1.89E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181460.00	1.82E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181500.00	1.68E+00	1.8	SRCGP2	OFF_SITE
553460.00	4181520.00	1.62E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180520.00	2.01E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180540.00	2.13E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180560.00	2.26E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180580.00	2.39E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180600.00	2.54E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180620.00	2.69E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180640.00	2.86E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180660.00	3.02E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180700.00	3.37E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180720.00	3.54E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180760.00	3.87E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180780.00	4.02E+00	1.8	SRCGP2	OFF_SITE

553480.00	4180800.00	4.15E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180820.00	4.28E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180840.00	4.39E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180880.00	4.56E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180900.00	4.62E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180920.00	4.65E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180940.00	4.67E+00	1.8	SRCGP2	OFF_SITE
553480.00	4180960.00	4.66E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181040.00	4.39E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181080.00	4.16E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181100.00	4.03E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181120.00	3.89E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181140.00	3.76E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181160.00	3.61E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181200.00	3.31E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181220.00	3.16E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181240.00	3.02E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181260.00	2.88E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181280.00	2.75E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181300.00	2.63E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181340.00	2.41E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181360.00	2.31E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181380.00	2.22E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181400.00	2.13E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181420.00	2.04E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181440.00	1.96E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181480.00	1.81E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181500.00	1.74E+00	1.8	SRCGP2	OFF_SITE
553480.00	4181520.00	1.68E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180520.00	2.05E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180540.00	2.18E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180560.00	2.32E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180580.00	2.47E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180600.00	2.63E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180620.00	2.80E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180640.00	2.98E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180660.00	3.16E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180700.00	3.56E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180720.00	3.76E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180740.00	3.95E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180780.00	4.32E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180800.00	4.49E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180820.00	4.64E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180840.00	4.77E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180860.00	4.89E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180900.00	5.06E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180920.00	5.11E+00	1.8	SRCGP2	OFF_SITE

553500.00	4180940.00	5.13E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180960.00	5.12E+00	1.8	SRCGP2	OFF_SITE
553500.00	4180980.00	5.09E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181000.00	5.02E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181060.00	4.69E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181080.00	4.55E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181100.00	4.40E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181120.00	4.24E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181140.00	4.08E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181160.00	3.91E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181180.00	3.73E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181220.00	3.38E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181240.00	3.22E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181260.00	3.06E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181280.00	2.92E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181300.00	2.78E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181320.00	2.66E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181360.00	2.43E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181380.00	2.32E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181400.00	2.22E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181420.00	2.13E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181460.00	1.96E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181480.00	1.88E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181500.00	1.80E+00	1.8	SRCGP2	OFF_SITE
553500.00	4181520.00	1.73E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180520.00	2.10E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180540.00	2.24E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180560.00	2.39E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180580.00	2.55E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180600.00	2.72E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180620.00	2.90E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180640.00	3.10E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180660.00	3.31E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180700.00	3.76E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180720.00	3.99E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180740.00	4.22E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180760.00	4.45E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180800.00	4.87E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180820.00	5.05E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180840.00	5.21E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180860.00	5.35E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180880.00	5.47E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180920.00	5.63E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180940.00	5.66E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180960.00	5.66E+00	1.8	SRCGP2	OFF_SITE
553520.00	4180980.00	5.63E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181000.00	5.55E+00	1.8	SRCGP2	OFF_SITE

553520.00	4181080.00	5.01E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181100.00	4.83E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181120.00	4.64E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181140.00	4.44E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181160.00	4.24E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181180.00	4.03E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181200.00	3.82E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181240.00	3.44E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181260.00	3.26E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181280.00	3.10E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181300.00	2.95E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181320.00	2.80E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181340.00	2.67E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181380.00	2.43E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181400.00	2.32E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181440.00	2.12E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181460.00	2.03E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181480.00	1.94E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181500.00	1.86E+00	1.8	SRCGP2	OFF_SITE
553520.00	4181520.00	1.78E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180520.00	2.14E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180540.00	2.29E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180560.00	2.45E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180580.00	2.62E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180600.00	2.81E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180620.00	3.01E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180640.00	3.23E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180660.00	3.46E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180700.00	3.97E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180720.00	4.24E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180740.00	4.51E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180760.00	4.79E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180780.00	5.05E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180820.00	5.53E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180840.00	5.72E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180860.00	5.89E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180880.00	6.04E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180900.00	6.15E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180940.00	6.28E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180960.00	6.29E+00	1.8	SRCGP2	OFF_SITE
553540.00	4180980.00	6.25E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181100.00	5.33E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181120.00	5.11E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181140.00	4.87E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181160.00	4.62E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181180.00	4.37E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181200.00	4.13E+00	1.8	SRCGP2	OFF_SITE

553540.00	4181220.00	3.89E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181260.00	3.48E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181280.00	3.29E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181300.00	3.12E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181320.00	2.96E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181340.00	2.82E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181360.00	2.68E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181420.00	2.31E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181440.00	2.21E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181460.00	2.11E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181480.00	2.01E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181500.00	1.92E+00	1.8	SRCGP2	OFF_SITE
553540.00	4181520.00	1.84E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180520.00	2.19E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180540.00	2.34E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180560.00	2.51E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180580.00	2.69E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180600.00	2.89E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180620.00	3.11E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180640.00	3.35E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180660.00	3.61E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180700.00	4.19E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180720.00	4.50E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180740.00	4.83E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180760.00	5.16E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180780.00	5.49E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180800.00	5.79E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180840.00	6.32E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180860.00	6.53E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180880.00	6.71E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180900.00	6.85E+00	1.8	SRCGP2	OFF_SITE
553560.00	4180920.00	6.95E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181000.00	6.91E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181020.00	6.79E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181120.00	5.65E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181140.00	5.36E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181160.00	5.06E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181180.00	4.75E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181200.00	4.46E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181220.00	4.19E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181240.00	3.94E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181280.00	3.50E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181300.00	3.31E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181320.00	3.13E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181340.00	2.97E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181420.00	2.41E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181440.00	2.29E+00	1.8	SRCGP2	OFF_SITE

553560.00	4181460.00	2.18E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181480.00	2.08E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181500.00	1.98E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181520.00	1.89E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180520.00	2.23E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180540.00	2.39E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180560.00	2.57E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180580.00	2.76E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180600.00	2.98E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180620.00	3.22E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180640.00	3.48E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180660.00	3.77E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180700.00	4.42E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180720.00	4.78E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180740.00	5.17E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180760.00	5.57E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180780.00	5.97E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180800.00	6.36E+00	1.8	SRCGP2	OFF_SITE
553580.00	4180820.00	6.72E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181000.00	7.79E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181020.00	7.66E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181040.00	7.49E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181140.00	5.93E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181160.00	5.56E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181180.00	5.19E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181200.00	4.84E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181220.00	4.53E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181240.00	4.24E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181260.00	3.97E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181300.00	3.51E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181320.00	3.31E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181440.00	2.38E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181460.00	2.26E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181480.00	2.15E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181500.00	2.04E+00	1.8	SRCGP2	OFF_SITE
553580.00	4181520.00	1.95E+00	1.8	SRCGP2	OFF_SITE
553600.00	4180800.00	7.02E+00	1.8	SRCGP2	OFF_SITE
553600.00	4180820.00	7.49E+00	1.8	SRCGP2	OFF_SITE
553600.00	4180840.00	7.90E+00	1.8	SRCGP2	OFF_SITE
553600.00	4180860.00	8.24E+00	1.8	SRCGP2	OFF_SITE
553600.00	4180900.00	8.69E+00	1.8	SRCGP2	OFF_SITE
553600.00	4180920.00	8.81E+00	1.8	SRCGP2	OFF_SITE
553600.00	4180940.00	8.88E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181000.00	8.85E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181020.00	8.74E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181040.00	8.55E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181060.00	8.29E+00	1.8	SRCGP2	OFF_SITE



553600.00	4181160.00	6.14E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181180.00	5.69E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181200.00	5.27E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181220.00	4.90E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181240.00	4.56E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181260.00	4.25E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181280.00	3.98E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181460.00	2.34E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181480.00	2.22E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181500.00	2.11E+00	1.8	SRCGP2	OFF_SITE
553600.00	4181520.00	2.00E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180520.00	2.29E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180540.00	2.47E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180560.00	2.67E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180600.00	3.13E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180620.00	3.41E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180640.00	3.72E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180660.00	4.07E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180700.00	4.89E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180720.00	5.37E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180740.00	5.90E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180760.00	6.49E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180780.00	7.11E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180800.00	7.77E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180820.00	8.40E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180840.00	8.96E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180860.00	9.42E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180900.00	9.96E+00	1.8	SRCGP2	OFF_SITE
553620.00	4180920.00	1.01E+01	1.8	SRCGP2	OFF_SITE
553620.00	4180940.00	1.01E+01	1.8	SRCGP2	OFF_SITE
553620.00	4181000.00	1.01E+01	1.8	SRCGP2	OFF_SITE
553620.00	4181020.00	1.01E+01	1.8	SRCGP2	OFF_SITE
553620.00	4181040.00	9.91E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181060.00	9.62E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181080.00	9.20E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181180.00	6.26E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181200.00	5.76E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181220.00	5.31E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181240.00	4.91E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181260.00	4.56E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181280.00	4.24E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181480.00	2.29E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181500.00	2.17E+00	1.8	SRCGP2	OFF_SITE
553620.00	4181520.00	2.06E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180520.00	2.31E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180540.00	2.50E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180560.00	2.71E+00	1.8	SRCGP2	OFF_SITE

553640.00	4180600.00	3.20E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180620.00	3.50E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180640.00	3.83E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180660.00	4.21E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180700.00	5.12E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180720.00	5.67E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180740.00	6.29E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180760.00	6.99E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180780.00	7.77E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180800.00	8.62E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180820.00	9.50E+00	1.8	SRCGP2	OFF_SITE
553640.00	4180840.00	1.03E+01	1.8	SRCGP2	OFF_SITE
553640.00	4180860.00	1.10E+01	1.8	SRCGP2	OFF_SITE
553640.00	4180900.00	1.16E+01	1.8	SRCGP2	OFF_SITE
553640.00	4180920.00	1.16E+01	1.8	SRCGP2	OFF_SITE
553640.00	4180940.00	1.16E+01	1.8	SRCGP2	OFF_SITE
553640.00	4181000.00	1.17E+01	1.8	SRCGP2	OFF_SITE
553640.00	4181020.00	1.18E+01	1.8	SRCGP2	OFF_SITE
553640.00	4181040.00	1.17E+01	1.8	SRCGP2	OFF_SITE
553640.00	4181060.00	1.14E+01	1.8	SRCGP2	OFF_SITE
553640.00	4181080.00	1.08E+01	1.8	SRCGP2	OFF_SITE
553640.00	4181100.00	1.01E+01	1.8	SRCGP2	OFF_SITE
553640.00	4181200.00	6.31E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181220.00	5.77E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181240.00	5.30E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181260.00	4.89E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181500.00	2.23E+00	1.8	SRCGP2	OFF_SITE
553640.00	4181520.00	2.11E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180520.00	2.33E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180540.00	2.53E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180560.00	2.74E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180600.00	3.26E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180620.00	3.58E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180640.00	3.93E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180660.00	4.34E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180700.00	5.35E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180720.00	5.97E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180740.00	6.68E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180760.00	7.51E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180780.00	8.47E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180800.00	9.58E+00	1.8	SRCGP2	OFF_SITE
553660.00	4180820.00	1.08E+01	1.8	SRCGP2	OFF_SITE
553660.00	4180840.00	1.20E+01	1.8	SRCGP2	OFF_SITE
553660.00	4180860.00	1.31E+01	1.8	SRCGP2	OFF_SITE
553660.00	4180900.00	1.39E+01	1.8	SRCGP2	OFF_SITE
553660.00	4180920.00	1.37E+01	1.8	SRCGP2	OFF_SITE
553660.00	4180940.00	1.34E+01	1.8	SRCGP2	OFF_SITE

553660.00	4181000.00	1.36E+01	1.8	SRCGP2	OFF_SITE
553660.00	4181020.00	1.39E+01	1.8	SRCGP2	OFF_SITE
553660.00	4181040.00	1.41E+01	1.8	SRCGP2	OFF_SITE
553660.00	4181060.00	1.38E+01	1.8	SRCGP2	OFF_SITE
553660.00	4181080.00	1.31E+01	1.8	SRCGP2	OFF_SITE
553660.00	4181100.00	1.21E+01	1.8	SRCGP2	OFF_SITE
553660.00	4181120.00	1.08E+01	1.8	SRCGP2	OFF_SITE
553660.00	4181220.00	6.29E+00	1.8	SRCGP2	OFF_SITE
553660.00	4181240.00	5.73E+00	1.8	SRCGP2	OFF_SITE
553660.00	4181520.00	2.17E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180520.00	2.35E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180540.00	2.54E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180560.00	2.77E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180600.00	3.31E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180620.00	3.64E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180640.00	4.02E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180660.00	4.46E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180700.00	5.56E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180720.00	6.25E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180740.00	7.07E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180760.00	8.03E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180780.00	9.20E+00	1.8	SRCGP2	OFF_SITE
553680.00	4180800.00	1.06E+01	1.8	SRCGP2	OFF_SITE
553680.00	4180820.00	1.23E+01	1.8	SRCGP2	OFF_SITE
553680.00	4180840.00	1.43E+01	1.8	SRCGP2	OFF_SITE
553680.00	4180860.00	1.61E+01	1.8	SRCGP2	OFF_SITE
553680.00	4180900.00	1.73E+01	1.8	SRCGP2	OFF_SITE
553680.00	4180920.00	1.66E+01	1.8	SRCGP2	OFF_SITE
553680.00	4180940.00	1.58E+01	1.8	SRCGP2	OFF_SITE
553680.00	4181000.00	1.59E+01	1.8	SRCGP2	OFF_SITE
553680.00	4181020.00	1.67E+01	1.8	SRCGP2	OFF_SITE
553680.00	4181040.00	1.75E+01	1.8	SRCGP2	OFF_SITE
553680.00	4181060.00	1.76E+01	1.8	SRCGP2	OFF_SITE
553680.00	4181080.00	1.66E+01	1.8	SRCGP2	OFF_SITE
553680.00	4181100.00	1.48E+01	1.8	SRCGP2	OFF_SITE
553680.00	4181120.00	1.29E+01	1.8	SRCGP2	OFF_SITE
553680.00	4181140.00	1.11E+01	1.8	SRCGP2	OFF_SITE
553700.00	4180520.00	2.35E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180540.00	2.56E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180560.00	2.79E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180600.00	3.35E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180620.00	3.70E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180640.00	4.10E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180660.00	4.57E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180700.00	5.76E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180720.00	6.52E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180740.00	7.43E+00	1.8	SRCGP2	OFF_SITE

553700.00	4180760.00	8.54E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180780.00	9.92E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180800.00	1.17E+01	1.8	SRCGP2	OFF_SITE
553700.00	4180820.00	1.40E+01	1.8	SRCGP2	OFF_SITE
553700.00	4180840.00	1.70E+01	1.8	SRCGP2	OFF_SITE
553700.00	4180860.00	2.06E+01	1.8	SRCGP2	OFF_SITE
553700.00	4180900.00	2.29E+01	1.8	SRCGP2	OFF_SITE
553700.00	4180920.00	2.07E+01	1.8	SRCGP2	OFF_SITE
553700.00	4180940.00	1.88E+01	1.8	SRCGP2	OFF_SITE
553700.00	4181000.00	1.85E+01	1.8	SRCGP2	OFF_SITE
553700.00	4181020.00	2.02E+01	1.8	SRCGP2	OFF_SITE
553700.00	4181040.00	2.26E+01	1.8	SRCGP2	OFF_SITE
553700.00	4181060.00	2.38E+01	1.8	SRCGP2	OFF_SITE
553700.00	4181080.00	2.24E+01	1.8	SRCGP2	OFF_SITE
553700.00	4181100.00	1.89E+01	1.8	SRCGP2	OFF_SITE
553700.00	4181120.00	1.56E+01	1.8	SRCGP2	OFF_SITE
553700.00	4181140.00	1.31E+01	1.8	SRCGP2	OFF_SITE
553720.00	4180520.00	2.35E+00	1.8	SRCGP2	OFF_SITE
553720.00	4180540.00	2.56E+00	1.8	SRCGP2	OFF_SITE
553720.00	4180560.00	2.80E+00	1.8	SRCGP2	OFF_SITE
553720.00	4180600.00	3.38E+00	1.8	SRCGP2	OFF_SITE
553720.00	4180620.00	3.74E+00	1.8	SRCGP2	OFF_SITE
553720.00	4180640.00	4.16E+00	1.8	SRCGP2	OFF_SITE
553720.00	4180660.00	4.65E+00	1.8	SRCGP2	OFF_SITE
553740.00	4180520.00	2.35E+00	1.8	SRCGP2	OFF_SITE
553740.00	4180540.00	2.56E+00	1.8	SRCGP2	OFF_SITE
553740.00	4180560.00	2.80E+00	1.8	SRCGP2	OFF_SITE
553760.00	4180620.00	3.78E+00	1.8	SRCGP2	OFF_SITE
553760.00	4180640.00	4.24E+00	1.8	SRCGP2	OFF_SITE
553760.00	4180660.00	4.78E+00	1.8	SRCGP2	OFF_SITE
553760.00	4180680.00	5.42E+00	1.8	SRCGP2	OFF_SITE
553760.00	4180720.00	7.17E+00	1.8	SRCGP2	OFF_SITE
553760.00	4180740.00	8.36E+00	1.8	SRCGP2	OFF_SITE
553760.00	4180760.00	9.86E+00	1.8	SRCGP2	OFF_SITE
553760.00	4180780.00	1.18E+01	1.8	SRCGP2	OFF_SITE
553780.00	4180520.00	2.32E+00	1.8	SRCGP2	OFF_SITE
553780.00	4180540.00	2.53E+00	1.8	SRCGP2	OFF_SITE
553780.00	4180560.00	2.77E+00	1.8	SRCGP2	OFF_SITE
553780.00	4180580.00	3.06E+00	1.8	SRCGP2	OFF_SITE
553780.00	4180600.00	3.39E+00	1.8	SRCGP2	OFF_SITE
553780.00	4180620.00	3.78E+00	1.8	SRCGP2	OFF_SITE
553780.00	4180640.00	4.25E+00	1.8	SRCGP2	OFF_SITE
553780.00	4180660.00	4.81E+00	1.8	SRCGP2	OFF_SITE
553780.00	4180680.00	5.49E+00	1.8	SRCGP2	OFF_SITE
553780.00	4180720.00	7.36E+00	1.8	SRCGP2	OFF_SITE
553780.00	4180740.00	8.66E+00	1.8	SRCGP2	OFF_SITE
553780.00	4180760.00	1.03E+01	1.8	SRCGP2	OFF_SITE

553780.00	4180780.00	1.25E+01	1.8	SRCGP2	OFF_SITE
553800.00	4180520.00	2.29E+00	1.8	SRCGP2	OFF_SITE
553800.00	4180540.00	2.50E+00	1.8	SRCGP2	OFF_SITE
553800.00	4180560.00	2.75E+00	1.8	SRCGP2	OFF_SITE
553800.00	4180580.00	3.04E+00	1.8	SRCGP2	OFF_SITE
553800.00	4180600.00	3.38E+00	1.8	SRCGP2	OFF_SITE
553800.00	4180620.00	3.78E+00	1.8	SRCGP2	OFF_SITE
553800.00	4180640.00	4.25E+00	1.8	SRCGP2	OFF_SITE
553800.00	4180660.00	4.84E+00	1.8	SRCGP2	OFF_SITE
553800.00	4180680.00	5.55E+00	1.8	SRCGP2	OFF_SITE
553800.00	4180720.00	7.55E+00	1.8	SRCGP2	OFF_SITE
553800.00	4180740.00	8.99E+00	1.8	SRCGP2	OFF_SITE
553800.00	4180760.00	1.09E+01	1.8	SRCGP2	OFF_SITE
553800.00	4180780.00	1.34E+01	1.8	SRCGP2	OFF_SITE
553820.00	4180520.00	2.26E+00	1.8	SRCGP2	OFF_SITE
553820.00	4180540.00	2.48E+00	1.8	SRCGP2	OFF_SITE
553820.00	4180560.00	2.72E+00	1.8	SRCGP2	OFF_SITE
553820.00	4180580.00	3.01E+00	1.8	SRCGP2	OFF_SITE
553820.00	4180620.00	3.76E+00	1.8	SRCGP2	OFF_SITE
553820.00	4180640.00	4.25E+00	1.8	SRCGP2	OFF_SITE
553820.00	4180660.00	4.85E+00	1.8	SRCGP2	OFF_SITE
553820.00	4180680.00	5.59E+00	1.8	SRCGP2	OFF_SITE
553820.00	4180720.00	7.75E+00	1.8	SRCGP2	OFF_SITE
553820.00	4180740.00	9.35E+00	1.8	SRCGP2	OFF_SITE
553820.00	4180760.00	1.15E+01	1.8	SRCGP2	OFF_SITE
553820.00	4180780.00	1.45E+01	1.8	SRCGP2	OFF_SITE
553840.00	4180520.00	2.23E+00	1.8	SRCGP2	OFF_SITE
553840.00	4180540.00	2.44E+00	1.8	SRCGP2	OFF_SITE
553840.00	4180560.00	2.69E+00	1.8	SRCGP2	OFF_SITE
553840.00	4180580.00	2.98E+00	1.8	SRCGP2	OFF_SITE
553840.00	4180620.00	3.73E+00	1.8	SRCGP2	OFF_SITE
553840.00	4180640.00	4.23E+00	1.8	SRCGP2	OFF_SITE
553840.00	4180660.00	4.85E+00	1.8	SRCGP2	OFF_SITE
553840.00	4180680.00	5.63E+00	1.8	SRCGP2	OFF_SITE
553840.00	4180720.00	7.94E+00	1.8	SRCGP2	OFF_SITE
553840.00	4180740.00	9.70E+00	1.8	SRCGP2	OFF_SITE
553840.00	4180760.00	1.21E+01	1.8	SRCGP2	OFF_SITE
553840.00	4180780.00	1.55E+01	1.8	SRCGP2	OFF_SITE
553860.00	4180520.00	2.20E+00	1.8	SRCGP2	OFF_SITE
553860.00	4180540.00	2.41E+00	1.8	SRCGP2	OFF_SITE
553860.00	4180560.00	2.66E+00	1.8	SRCGP2	OFF_SITE
553860.00	4180580.00	2.94E+00	1.8	SRCGP2	OFF_SITE
553860.00	4180620.00	3.70E+00	1.8	SRCGP2	OFF_SITE
553860.00	4180640.00	4.21E+00	1.8	SRCGP2	OFF_SITE
553860.00	4180660.00	4.85E+00	1.8	SRCGP2	OFF_SITE
553860.00	4180680.00	5.65E+00	1.8	SRCGP2	OFF_SITE
553860.00	4180720.00	8.10E+00	1.8	SRCGP2	OFF_SITE

553860.00	4180740.00	1.00E+01	1.8	SRCGP2	OFF_SITE
553860.00	4180760.00	1.27E+01	1.8	SRCGP2	OFF_SITE
553860.00	4180780.00	1.64E+01	1.8	SRCGP2	OFF_SITE
553880.00	4180520.00	2.17E+00	1.8	SRCGP2	OFF_SITE
553880.00	4180540.00	2.38E+00	1.8	SRCGP2	OFF_SITE
553880.00	4180560.00	2.62E+00	1.8	SRCGP2	OFF_SITE
553880.00	4180580.00	2.91E+00	1.8	SRCGP2	OFF_SITE
553880.00	4180620.00	3.67E+00	1.8	SRCGP2	OFF_SITE
553880.00	4180640.00	4.19E+00	1.8	SRCGP2	OFF_SITE
553880.00	4180660.00	4.83E+00	1.8	SRCGP2	OFF_SITE
553880.00	4180680.00	5.66E+00	1.8	SRCGP2	OFF_SITE
553880.00	4180720.00	8.20E+00	1.8	SRCGP2	OFF_SITE
553880.00	4180740.00	1.02E+01	1.8	SRCGP2	OFF_SITE
553880.00	4180760.00	1.31E+01	1.8	SRCGP2	OFF_SITE
553880.00	4180780.00	1.73E+01	1.8	SRCGP2	OFF_SITE
553900.00	4180520.00	2.14E+00	1.8	SRCGP2	OFF_SITE
553900.00	4180540.00	2.35E+00	1.8	SRCGP2	OFF_SITE
553900.00	4180560.00	2.59E+00	1.8	SRCGP2	OFF_SITE
553900.00	4180580.00	2.88E+00	1.8	SRCGP2	OFF_SITE
553900.00	4180620.00	3.64E+00	1.8	SRCGP2	OFF_SITE
553900.00	4180640.00	4.16E+00	1.8	SRCGP2	OFF_SITE
553900.00	4180660.00	4.81E+00	1.8	SRCGP2	OFF_SITE
553900.00	4180680.00	5.65E+00	1.8	SRCGP2	OFF_SITE
553900.00	4180720.00	8.24E+00	1.8	SRCGP2	OFF_SITE
553900.00	4180740.00	1.03E+01	1.8	SRCGP2	OFF_SITE
553900.00	4180760.00	1.34E+01	1.8	SRCGP2	OFF_SITE
553900.00	4180780.00	1.80E+01	1.8	SRCGP2	OFF_SITE
553920.00	4180520.00	2.12E+00	1.8	SRCGP2	OFF_SITE
553920.00	4180540.00	2.33E+00	1.8	SRCGP2	OFF_SITE
553920.00	4180560.00	2.57E+00	1.8	SRCGP2	OFF_SITE
553920.00	4180580.00	2.86E+00	1.8	SRCGP2	OFF_SITE
553920.00	4180620.00	3.62E+00	1.8	SRCGP2	OFF_SITE
553920.00	4180640.00	4.14E+00	1.8	SRCGP2	OFF_SITE
553920.00	4180660.00	4.80E+00	1.8	SRCGP2	OFF_SITE
553920.00	4180680.00	5.64E+00	1.8	SRCGP2	OFF_SITE
553920.00	4180720.00	8.23E+00	1.8	SRCGP2	OFF_SITE
553920.00	4180740.00	1.03E+01	1.8	SRCGP2	OFF_SITE
553920.00	4180760.00	1.34E+01	1.8	SRCGP2	OFF_SITE
553920.00	4180780.00	1.81E+01	1.8	SRCGP2	OFF_SITE
553940.00	4180520.00	2.10E+00	1.8	SRCGP2	OFF_SITE
553940.00	4180540.00	2.31E+00	1.8	SRCGP2	OFF_SITE
553940.00	4180560.00	2.55E+00	1.8	SRCGP2	OFF_SITE
553940.00	4180580.00	2.84E+00	1.8	SRCGP2	OFF_SITE
553940.00	4180620.00	3.61E+00	1.8	SRCGP2	OFF_SITE
553940.00	4180640.00	4.14E+00	1.8	SRCGP2	OFF_SITE
553940.00	4180660.00	4.79E+00	1.8	SRCGP2	OFF_SITE
553940.00	4180680.00	5.64E+00	1.8	SRCGP2	OFF_SITE

553940.00	4180720.00	8.21E+00	1.8	SRCGP2	OFF_SITE
553940.00	4180740.00	1.03E+01	1.8	SRCGP2	OFF_SITE
553940.00	4180760.00	1.32E+01	1.8	SRCGP2	OFF_SITE
553940.00	4180780.00	1.77E+01	1.8	SRCGP2	OFF_SITE
553960.00	4180520.00	2.09E+00	1.8	SRCGP2	OFF_SITE
553960.00	4180540.00	2.30E+00	1.8	SRCGP2	OFF_SITE
553960.00	4180560.00	2.54E+00	1.8	SRCGP2	OFF_SITE
553960.00	4180580.00	2.84E+00	1.8	SRCGP2	OFF_SITE
553960.00	4180620.00	3.62E+00	1.8	SRCGP2	OFF_SITE
553960.00	4180640.00	4.15E+00	1.8	SRCGP2	OFF_SITE
553960.00	4180660.00	4.81E+00	1.8	SRCGP2	OFF_SITE
553960.00	4180680.00	5.66E+00	1.8	SRCGP2	OFF_SITE
553960.00	4180720.00	8.25E+00	1.8	SRCGP2	OFF_SITE
553960.00	4180740.00	1.03E+01	1.8	SRCGP2	OFF_SITE
553960.00	4180760.00	1.32E+01	1.8	SRCGP2	OFF_SITE
553980.00	4180520.00	2.09E+00	1.8	SRCGP2	OFF_SITE
553980.00	4180540.00	2.30E+00	1.8	SRCGP2	OFF_SITE
553980.00	4180560.00	2.55E+00	1.8	SRCGP2	OFF_SITE
553980.00	4180580.00	2.85E+00	1.8	SRCGP2	OFF_SITE
553980.00	4180620.00	3.64E+00	1.8	SRCGP2	OFF_SITE
553980.00	4180640.00	4.18E+00	1.8	SRCGP2	OFF_SITE
553980.00	4180660.00	4.86E+00	1.8	SRCGP2	OFF_SITE
553980.00	4180680.00	5.73E+00	1.8	SRCGP2	OFF_SITE
553560.00	4181180.00	4.75E+00	1.8	SRCGP2	OFF_SITE
553920.00	4180660.00	4.80E+00	1.8	SRCGP2	OFF_SITE
553700.00	4180920.00	2.07E+01	1.8	SRCGP2	OFF_SITE
553560.00	4180920.00	6.95E+00	1.8	SRCGP2	OFF_SITE
553680.00	4181060.00	1.76E+01	1.8	SRCGP2	OFF_SITE
553760.00	4181080.00	1.54E+02	1.8	SRCGP2	R_A1_BA
553780.00	4181080.00	2.12E+02	1.8	SRCGP2	R_A1_BA
553760.00	4181100.00	5.98E+01	1.8	SRCGP2	R_A1_BA
553780.00	4181100.00	8.68E+01	1.8	SRCGP2	R_A1_BA
553760.00	4181120.00	3.49E+01	1.8	SRCGP2	R_A1_BA
553780.00	4181120.00	4.64E+01	1.8	SRCGP2	R_A1_BA
553760.00	4181140.00	2.41E+01	1.8	SRCGP2	R_A1_BA
553780.00	4181140.00	3.00E+01	1.8	SRCGP2	R_A1_BA
553760.00	4181000.00	2.77E+01	1.8	SRCGP2	R_A1_BB
553780.00	4181000.00	3.20E+01	1.8	SRCGP2	R_A1_BB
553760.00	4181020.00	3.16E+01	1.8	SRCGP2	R_A1_BB
553780.00	4181020.00	3.74E+01	1.8	SRCGP2	R_A1_BB
553760.00	4181040.00	4.31E+01	1.8	SRCGP2	R_A1_BB
553780.00	4181040.00	5.52E+01	1.8	SRCGP2	R_A1_BB
553780.00	4181060.00	1.25E+02	1.8	SRCGP2	R_A1_BB
553760.00	4180900.00	1.52E+02	1.8	SRCGP2	R_A1_BC
553780.00	4180900.00	2.09E+02	1.8	SRCGP2	R_A1_BC
553760.00	4180920.00	6.11E+01	1.8	SRCGP2	R_A1_BC
553780.00	4180920.00	8.77E+01	1.8	SRCGP2	R_A1_BC

553760.00	4180940.00	3.87E+01	1.8	SRCGP2	R_A1_BC
553780.00	4180940.00	5.05E+01	1.8	SRCGP2	R_A1_BC
553760.00	4180960.00	3.03E+01	1.8	SRCGP2	R_A1_BC
553780.00	4180960.00	3.69E+01	1.8	SRCGP2	R_A1_BC
553760.00	4180820.00	1.82E+01	1.8	SRCGP2	R_A1_BD1
553780.00	4180820.00	2.02E+01	1.8	SRCGP2	R_A1_BD1
553760.00	4180840.00	2.45E+01	1.8	SRCGP2	R_A1_BD1
553780.00	4180840.00	2.84E+01	1.8	SRCGP2	R_A1_BD1
553760.00	4180860.00	3.77E+01	1.8	SRCGP2	R_A1_BD1
553780.00	4180860.00	4.76E+01	1.8	SRCGP2	R_A1_BD1
553760.00	4180880.00	8.60E+01	1.8	SRCGP2	R_A1_BD1
553800.00	4180820.00	2.30E+01	1.8	SRCGP2	R_A1_BD2
553820.00	4180820.00	2.55E+01	1.8	SRCGP2	R_A1_BD2
553840.00	4180820.00	2.72E+01	1.8	SRCGP2	R_A1_BD2
553860.00	4180820.00	2.93E+01	1.8	SRCGP2	R_A1_BD2
553880.00	4180820.00	3.27E+01	1.8	SRCGP2	R_A1_BD2
553800.00	4180840.00	3.39E+01	1.8	SRCGP2	R_A1_BD2
553820.00	4180840.00	3.68E+01	1.8	SRCGP2	R_A1_BD2
553840.00	4180840.00	3.77E+01	1.8	SRCGP2	R_A1_BD2
553860.00	4180840.00	4.03E+01	1.8	SRCGP2	R_A1_BD2
553880.00	4180840.00	4.59E+01	1.8	SRCGP2	R_A1_BD2
553800.00	4180860.00	5.72E+01	1.8	SRCGP2	R_A1_BD2
553820.00	4180860.00	5.73E+01	1.8	SRCGP2	R_A1_BD2
553840.00	4180860.00	5.50E+01	1.8	SRCGP2	R_A1_BD2
553860.00	4180860.00	5.98E+01	1.8	SRCGP2	R_A1_BD2
553880.00	4180860.00	6.83E+01	1.8	SRCGP2	R_A1_BD2
553780.00	4180880.00	1.18E+02	1.8	SRCGP2	R_A1_BD2
553800.00	4180880.00	1.04E+02	1.8	SRCGP2	R_A1_BD2
553820.00	4180880.00	9.33E+01	1.8	SRCGP2	R_A1_BD2
553840.00	4180880.00	9.36E+01	1.8	SRCGP2	R_A1_BD2
553860.00	4180880.00	1.12E+02	1.8	SRCGP2	R_A1_BD2
553820.00	4181100.00	8.35E+01	1.8	SRCGP2	R_A2_BG
553840.00	4181100.00	1.01E+02	1.8	SRCGP2	R_A2_BG
553860.00	4181100.00	1.08E+02	1.8	SRCGP2	R_A2_BG
553820.00	4181120.00	5.55E+01	1.8	SRCGP2	R_A2_BG
553840.00	4181120.00	6.12E+01	1.8	SRCGP2	R_A2_BG
553860.00	4181120.00	6.58E+01	1.8	SRCGP2	R_A2_BG
553900.00	4181100.00	9.85E+01	1.8	SRCGP2	R_A2_BK
553920.00	4181100.00	1.19E+02	1.8	SRCGP2	R_A2_BK
553900.00	4181120.00	6.62E+01	1.8	SRCGP2	R_A2_BK
553920.00	4181120.00	7.11E+01	1.8	SRCGP2	R_A2_BK
553860.00	4181140.00	4.49E+01	1.8	SRCGP2	R_A2_PK
553880.00	4181140.00	4.65E+01	1.8	SRCGP2	R_A2_PK
553900.00	4181140.00	4.78E+01	1.8	SRCGP2	R_A2_PK
553920.00	4181140.00	4.97E+01	1.8	SRCGP2	R_A2_PK
553800.00	4181160.00	2.50E+01	1.8	SRCGP2	R_A2_PK
553820.00	4181160.00	2.80E+01	1.8	SRCGP2	R_A2_PK



553840.00	4181160.00	3.07E+01	1.8	SRCGP2	R_A2_PK
553860.00	4181160.00	3.29E+01	1.8	SRCGP2	R_A2_PK
553880.00	4181160.00	3.46E+01	1.8	SRCGP2	R_A2_PK
553900.00	4181160.00	3.60E+01	1.8	SRCGP2	R_A2_PK
553920.00	4181160.00	3.73E+01	1.8	SRCGP2	R_A2_PK
553740.00	4181180.00	1.25E+01	1.8	SRCGP2	R_A2_PK
553760.00	4181180.00	1.45E+01	1.8	SRCGP2	R_A2_PK
553780.00	4181180.00	1.68E+01	1.8	SRCGP2	R_A2_PK
553800.00	4181180.00	1.91E+01	1.8	SRCGP2	R_A2_PK
553820.00	4181180.00	2.14E+01	1.8	SRCGP2	R_A2_PK
553840.00	4181180.00	2.34E+01	1.8	SRCGP2	R_A2_PK
553860.00	4181180.00	2.52E+01	1.8	SRCGP2	R_A2_PK
553880.00	4181180.00	2.67E+01	1.8	SRCGP2	R_A2_PK
553900.00	4181180.00	2.80E+01	1.8	SRCGP2	R_A2_PK
553920.00	4181180.00	2.91E+01	1.8	SRCGP2	R_A2_PK
553740.00	4181200.00	1.06E+01	1.8	SRCGP2	R_A2_PK
553760.00	4181200.00	1.20E+01	1.8	SRCGP2	R_A2_PK
553780.00	4181200.00	1.36E+01	1.8	SRCGP2	R_A2_PK
553800.00	4181200.00	1.52E+01	1.8	SRCGP2	R_A2_PK
553820.00	4181200.00	1.69E+01	1.8	SRCGP2	R_A2_PK
553840.00	4181200.00	1.85E+01	1.8	SRCGP2	R_A2_PK
553860.00	4181200.00	1.99E+01	1.8	SRCGP2	R_A2_PK
553880.00	4181200.00	2.12E+01	1.8	SRCGP2	R_A2_PK
553900.00	4181200.00	2.23E+01	1.8	SRCGP2	R_A2_PK
553920.00	4181200.00	2.33E+01	1.8	SRCGP2	R_A2_PK
553840.00	4180920.00	1.02E+02	1.8	SRCGP2	R_A3_BE
553860.00	4180920.00	1.31E+02	1.8	SRCGP2	R_A3_BE
553820.00	4180940.00	6.01E+01	1.8	SRCGP2	R_A3_BE
553840.00	4180940.00	6.79E+01	1.8	SRCGP2	R_A3_BE
553860.00	4180940.00	7.97E+01	1.8	SRCGP2	R_A3_BE
553820.00	4181040.00	6.89E+01	1.8	SRCGP2	R_A3_BF
553840.00	4181040.00	7.04E+01	1.8	SRCGP2	R_A3_BF
553860.00	4181040.00	8.15E+01	1.8	SRCGP2	R_A3_BF
553820.00	4181060.00	1.16E+02	1.8	SRCGP2	R_A3_BF
553840.00	4181060.00	1.37E+02	1.8	SRCGP2	R_A3_BF
553860.00	4181060.00	1.46E+02	1.8	SRCGP2	R_A3_BF
553800.00	4180960.00	4.28E+01	1.8	SRCGP2	R_A3_SQ
553820.00	4180960.00	4.76E+01	1.8	SRCGP2	R_A3_SQ
553840.00	4180960.00	5.33E+01	1.8	SRCGP2	R_A3_SQ
553860.00	4180960.00	6.05E+01	1.8	SRCGP2	R_A3_SQ
553800.00	4180980.00	3.70E+01	1.8	SRCGP2	R_A3_SQ
553820.00	4180980.00	4.20E+01	1.8	SRCGP2	R_A3_SQ
553840.00	4180980.00	4.71E+01	1.8	SRCGP2	R_A3_SQ
553860.00	4180980.00	5.29E+01	1.8	SRCGP2	R_A3_SQ
553800.00	4181000.00	3.72E+01	1.8	SRCGP2	R_A3_SQ
553820.00	4181000.00	4.22E+01	1.8	SRCGP2	R_A3_SQ
553840.00	4181000.00	4.68E+01	1.8	SRCGP2	R_A3_SQ

553860.00	4181000.00	5.26E+01	1.8	SRCGP2	R_A3_SQ
553800.00	4181020.00	4.49E+01	1.8	SRCGP2	R_A3_SQ
553820.00	4181020.00	4.94E+01	1.8	SRCGP2	R_A3_SQ
553840.00	4181020.00	5.30E+01	1.8	SRCGP2	R_A3_SQ
553860.00	4181020.00	5.98E+01	1.8	SRCGP2	R_A3_SQ
553900.00	4180920.00	1.19E+02	1.8	SRCGP2	R_A4_BI
553920.00	4180920.00	1.57E+02	1.8	SRCGP2	R_A4_BI
553900.00	4180940.00	9.65E+01	1.8	SRCGP2	R_A4_BI
553920.00	4180940.00	1.30E+02	1.8	SRCGP2	R_A4_BI
553900.00	4180960.00	7.82E+01	1.8	SRCGP2	R_A4_BI
553920.00	4180960.00	1.01E+02	1.8	SRCGP2	R_A4_BI
553900.00	4181000.00	6.75E+01	1.8	SRCGP2	R_A4_BJ
553920.00	4181000.00	7.52E+01	1.8	SRCGP2	R_A4_BJ
553900.00	4181020.00	7.90E+01	1.8	SRCGP2	R_A4_BJ
553920.00	4181020.00	1.03E+02	1.8	SRCGP2	R_A4_BJ
553900.00	4181040.00	9.36E+01	1.8	SRCGP2	R_A4_BJ
553920.00	4181040.00	1.24E+02	1.8	SRCGP2	R_A4_BJ
553900.00	4181060.00	1.26E+02	1.8	SRCGP2	R_A4_BJ
553920.00	4181060.00	1.53E+02	1.8	SRCGP2	R_A4_BJ
553900.00	4181000.00	6.75E+01	1.8	SRCGP2	R_A4_BJ
553920.00	4181000.00	7.52E+01	1.8	SRCGP2	R_A4_BJ
553900.00	4180980.00	6.67E+01	1.8	SRCGP2	R_A4_CL
553920.00	4180980.00	7.57E+01	1.8	SRCGP2	R_A4_CL
553940.00	4180980.00	9.67E+01	1.8	SRCGP2	R_A4_CL
553880.00	4181000.00	5.96E+01	1.8	SRCGP2	R_A4_CL
553940.00	4181000.00	8.14E+01	1.8	SRCGP2	R_A4_CL
553940.00	4181080.00	1.73E+02	1.8	SRCGP2	R_A4_CL
553880.00	4180980.00	5.94E+01	1.8	SRCGP2	R_A4_CL
553600.00	4181380.00	2.92E+00	1.8	SRCGP2	R_ATT
553600.00	4181400.00	2.76E+00	1.8	SRCGP2	R_ATT
553620.00	4181340.00	3.46E+00	1.8	SRCGP2	R_ATT
553620.00	4181360.00	3.25E+00	1.8	SRCGP2	R_ATT
553620.00	4181380.00	3.05E+00	1.8	SRCGP2	R_ATT
553620.00	4181400.00	2.87E+00	1.8	SRCGP2	R_ATT
553620.00	4181420.00	2.71E+00	1.8	SRCGP2	R_ATT
553640.00	4181340.00	3.64E+00	1.8	SRCGP2	R_ATT
553640.00	4181320.00	3.91E+00	1.8	SRCGP2	R_ATT
553640.00	4181360.00	3.41E+00	1.8	SRCGP2	R_ATT
553640.00	4181380.00	3.19E+00	1.8	SRCGP2	R_ATT
553640.00	4181400.00	2.99E+00	1.8	SRCGP2	R_ATT
553640.00	4181420.00	2.81E+00	1.8	SRCGP2	R_ATT
553640.00	4181440.00	2.65E+00	1.8	SRCGP2	R_ATT
553660.00	4181320.00	4.13E+00	1.8	SRCGP2	R_ATT
553660.00	4181340.00	3.83E+00	1.8	SRCGP2	R_ATT
553660.00	4181360.00	3.57E+00	1.8	SRCGP2	R_ATT
553660.00	4181380.00	3.33E+00	1.8	SRCGP2	R_ATT
553660.00	4181400.00	3.12E+00	1.8	SRCGP2	R_ATT

553660.00	4181420.00	2.92E+00	1.8	SRCGP2	R_ATT
553660.00	4181440.00	2.74E+00	1.8	SRCGP2	R_ATT
553660.00	4181460.00	2.58E+00	1.8	SRCGP2	R_ATT
553680.00	4181360.00	3.74E+00	1.8	SRCGP2	R_ATT
553680.00	4181380.00	3.48E+00	1.8	SRCGP2	R_ATT
553680.00	4181400.00	3.24E+00	1.8	SRCGP2	R_ATT
553680.00	4181420.00	3.03E+00	1.8	SRCGP2	R_ATT
553680.00	4181440.00	2.84E+00	1.8	SRCGP2	R_ATT
553680.00	4181460.00	2.66E+00	1.8	SRCGP2	R_ATT
553680.00	4181480.00	2.51E+00	1.8	SRCGP2	R_ATT
553680.00	4181340.00	4.03E+00	1.8	SRCGP2	R_ATT
553680.00	4181320.00	4.36E+00	1.8	SRCGP2	R_ATT
553700.00	4181360.00	3.92E+00	1.8	SRCGP2	R_ATT
553700.00	4181380.00	3.63E+00	1.8	SRCGP2	R_ATT
553700.00	4181400.00	3.37E+00	1.8	SRCGP2	R_ATT
553700.00	4181420.00	3.14E+00	1.8	SRCGP2	R_ATT
553700.00	4181440.00	2.94E+00	1.8	SRCGP2	R_ATT
553700.00	4181460.00	2.75E+00	1.8	SRCGP2	R_ATT
553700.00	4181480.00	2.58E+00	1.8	SRCGP2	R_ATT
553700.00	4181500.00	2.43E+00	1.8	SRCGP2	R_ATT
553700.00	4181340.00	4.24E+00	1.8	SRCGP2	R_ATT
553700.00	4181320.00	4.61E+00	1.8	SRCGP2	R_ATT
553720.00	4181360.00	4.11E+00	1.8	SRCGP2	R_ATT
553720.00	4181380.00	3.79E+00	1.8	SRCGP2	R_ATT
553720.00	4181400.00	3.51E+00	1.8	SRCGP2	R_ATT
553720.00	4181420.00	3.26E+00	1.8	SRCGP2	R_ATT
553720.00	4181440.00	3.04E+00	1.8	SRCGP2	R_ATT
553720.00	4181460.00	2.84E+00	1.8	SRCGP2	R_ATT
553720.00	4181480.00	2.66E+00	1.8	SRCGP2	R_ATT
553720.00	4181500.00	2.50E+00	1.8	SRCGP2	R_ATT
553720.00	4181520.00	2.35E+00	1.8	SRCGP2	R_ATT
553720.00	4181340.00	4.47E+00	1.8	SRCGP2	R_ATT
553720.00	4181320.00	4.88E+00	1.8	SRCGP2	R_ATT
553740.00	4181360.00	4.31E+00	1.8	SRCGP2	R_ATT
553740.00	4181380.00	3.96E+00	1.8	SRCGP2	R_ATT
553740.00	4181400.00	3.66E+00	1.8	SRCGP2	R_ATT
553740.00	4181420.00	3.39E+00	1.8	SRCGP2	R_ATT
553740.00	4181440.00	3.15E+00	1.8	SRCGP2	R_ATT
553740.00	4181460.00	2.94E+00	1.8	SRCGP2	R_ATT
553740.00	4181480.00	2.74E+00	1.8	SRCGP2	R_ATT
553740.00	4181500.00	2.57E+00	1.8	SRCGP2	R_ATT
553740.00	4181520.00	2.41E+00	1.8	SRCGP2	R_ATT
553740.00	4181340.00	4.71E+00	1.8	SRCGP2	R_ATT
553740.00	4181320.00	5.17E+00	1.8	SRCGP2	R_ATT
553760.00	4181360.00	4.53E+00	1.8	SRCGP2	R_ATT
553760.00	4181380.00	4.14E+00	1.8	SRCGP2	R_ATT
553760.00	4181400.00	3.81E+00	1.8	SRCGP2	R_ATT

553760.00	4181420.00	3.52E+00	1.8	SRCGP2	R_ATT
553760.00	4181440.00	3.26E+00	1.8	SRCGP2	R_ATT
553760.00	4181460.00	3.04E+00	1.8	SRCGP2	R_ATT
553760.00	4181480.00	2.83E+00	1.8	SRCGP2	R_ATT
553760.00	4181500.00	2.65E+00	1.8	SRCGP2	R_ATT
553760.00	4181520.00	2.48E+00	1.8	SRCGP2	R_ATT
553760.00	4181340.00	4.97E+00	1.8	SRCGP2	R_ATT
553760.00	4181320.00	5.48E+00	1.8	SRCGP2	R_ATT
553780.00	4181360.00	4.76E+00	1.8	SRCGP2	R_ATT
553780.00	4181380.00	4.34E+00	1.8	SRCGP2	R_ATT
553780.00	4181400.00	3.98E+00	1.8	SRCGP2	R_ATT
553780.00	4181420.00	3.66E+00	1.8	SRCGP2	R_ATT
553780.00	4181440.00	3.39E+00	1.8	SRCGP2	R_ATT
553780.00	4181460.00	3.14E+00	1.8	SRCGP2	R_ATT
553780.00	4181480.00	2.92E+00	1.8	SRCGP2	R_ATT
553780.00	4181500.00	2.73E+00	1.8	SRCGP2	R_ATT
553780.00	4181520.00	2.56E+00	1.8	SRCGP2	R_ATT
553780.00	4181340.00	5.24E+00	1.8	SRCGP2	R_ATT
553800.00	4181360.00	5.00E+00	1.8	SRCGP2	R_ATT
553800.00	4181380.00	4.55E+00	1.8	SRCGP2	R_ATT
553800.00	4181400.00	4.16E+00	1.8	SRCGP2	R_ATT
553800.00	4181420.00	3.81E+00	1.8	SRCGP2	R_ATT
553800.00	4181440.00	3.52E+00	1.8	SRCGP2	R_ATT
553800.00	4181460.00	3.26E+00	1.8	SRCGP2	R_ATT
553800.00	4181480.00	3.02E+00	1.8	SRCGP2	R_ATT
553800.00	4181500.00	2.82E+00	1.8	SRCGP2	R_ATT
553800.00	4181520.00	2.63E+00	1.8	SRCGP2	R_ATT
553820.00	4181360.00	5.27E+00	1.8	SRCGP2	R_ATT
553820.00	4181380.00	4.77E+00	1.8	SRCGP2	R_ATT
553820.00	4181400.00	4.34E+00	1.8	SRCGP2	R_ATT
553820.00	4181420.00	3.98E+00	1.8	SRCGP2	R_ATT
553820.00	4181440.00	3.66E+00	1.8	SRCGP2	R_ATT
553820.00	4181460.00	3.38E+00	1.8	SRCGP2	R_ATT
553820.00	4181480.00	3.13E+00	1.8	SRCGP2	R_ATT
553820.00	4181500.00	2.91E+00	1.8	SRCGP2	R_ATT
553820.00	4181520.00	2.71E+00	1.8	SRCGP2	R_ATT
553840.00	4181360.00	5.55E+00	1.8	SRCGP2	R_ATT
553840.00	4181380.00	5.00E+00	1.8	SRCGP2	R_ATT
553840.00	4181400.00	4.54E+00	1.8	SRCGP2	R_ATT
553840.00	4181420.00	4.15E+00	1.8	SRCGP2	R_ATT
553840.00	4181440.00	3.80E+00	1.8	SRCGP2	R_ATT
553840.00	4181460.00	3.50E+00	1.8	SRCGP2	R_ATT
553840.00	4181480.00	3.24E+00	1.8	SRCGP2	R_ATT
553840.00	4181500.00	3.01E+00	1.8	SRCGP2	R_ATT
553840.00	4181520.00	2.80E+00	1.8	SRCGP2	R_ATT
553920.00	4180820.00	4.24E+01	1.8	SRCGP2	R_B4_BH
553940.00	4180820.00	4.18E+01	1.8	SRCGP2	R_B4_BH

553920.00	4180840.00	6.94E+01	1.8	SRCGP2	R_B4_BH
553940.00	4180840.00	7.61E+01	1.8	SRCGP2	R_B4_BH
553900.00	4180860.00	7.32E+01	1.8	SRCGP2	R_B4_BH
553920.00	4180860.00	8.74E+01	1.8	SRCGP2	R_B4_BH
553940.00	4180860.00	1.10E+02	1.8	SRCGP2	R_B4_BH
553900.00	4180880.00	1.07E+02	1.8	SRCGP2	R_B4_BH
553920.00	4180880.00	1.09E+02	1.8	SRCGP2	R_B4_BH
553960.00	4181040.00	1.93E+02	1.8	SRCGP2	R_PIER48
553980.00	4181040.00	1.17E+02	1.8	SRCGP2	R_PIER48
554000.00	4181040.00	8.51E+01	1.8	SRCGP2	R_PIER48
553960.00	4181060.00	1.59E+02	1.8	SRCGP2	R_PIER48
553980.00	4181060.00	1.10E+02	1.8	SRCGP2	R_PIER48
554000.00	4181060.00	8.15E+01	1.8	SRCGP2	R_PIER48
554020.00	4181060.00	6.47E+01	1.8	SRCGP2	R_PIER48
554040.00	4181060.00	5.37E+01	1.8	SRCGP2	R_PIER48
554060.00	4181060.00	4.58E+01	1.8	SRCGP2	R_PIER48
554080.00	4181060.00	3.98E+01	1.8	SRCGP2	R_PIER48
554100.00	4181060.00	3.51E+01	1.8	SRCGP2	R_PIER48
554120.00	4181060.00	3.13E+01	1.8	SRCGP2	R_PIER48
554140.00	4181060.00	2.81E+01	1.8	SRCGP2	R_PIER48
554160.00	4181060.00	2.54E+01	1.8	SRCGP2	R_PIER48
553960.00	4181080.00	1.21E+02	1.8	SRCGP2	R_PIER48
553980.00	4181080.00	9.27E+01	1.8	SRCGP2	R_PIER48
554000.00	4181080.00	7.29E+01	1.8	SRCGP2	R_PIER48
554020.00	4181080.00	5.95E+01	1.8	SRCGP2	R_PIER48
554040.00	4181080.00	5.00E+01	1.8	SRCGP2	R_PIER48
554060.00	4181080.00	4.31E+01	1.8	SRCGP2	R_PIER48
554080.00	4181080.00	3.78E+01	1.8	SRCGP2	R_PIER48
554100.00	4181080.00	3.35E+01	1.8	SRCGP2	R_PIER48
554120.00	4181080.00	3.00E+01	1.8	SRCGP2	R_PIER48
554140.00	4181080.00	2.70E+01	1.8	SRCGP2	R_PIER48
554160.00	4181080.00	2.45E+01	1.8	SRCGP2	R_PIER48
553960.00	4181100.00	9.11E+01	1.8	SRCGP2	R_PIER48
553980.00	4181100.00	7.47E+01	1.8	SRCGP2	R_PIER48
554000.00	4181100.00	6.23E+01	1.8	SRCGP2	R_PIER48
554020.00	4181100.00	5.27E+01	1.8	SRCGP2	R_PIER48
554040.00	4181100.00	4.54E+01	1.8	SRCGP2	R_PIER48
554060.00	4181100.00	3.97E+01	1.8	SRCGP2	R_PIER48
554080.00	4181100.00	3.52E+01	1.8	SRCGP2	R_PIER48
554100.00	4181100.00	3.15E+01	1.8	SRCGP2	R_PIER48
554120.00	4181100.00	2.84E+01	1.8	SRCGP2	R_PIER48
554140.00	4181100.00	2.57E+01	1.8	SRCGP2	R_PIER48
554160.00	4181100.00	2.35E+01	1.8	SRCGP2	R_PIER48
553960.00	4181120.00	6.65E+01	1.8	SRCGP2	R_PIER48
553980.00	4181120.00	5.90E+01	1.8	SRCGP2	R_PIER48
554000.00	4181120.00	5.18E+01	1.8	SRCGP2	R_PIER48
554020.00	4181120.00	4.56E+01	1.8	SRCGP2	R_PIER48

554040.00	4181120.00	4.03E+01	1.8	SRCGP2	R_PIER48
554060.00	4181120.00	3.60E+01	1.8	SRCGP2	R_PIER48
554080.00	4181120.00	3.23E+01	1.8	SRCGP2	R_PIER48
554100.00	4181120.00	2.92E+01	1.8	SRCGP2	R_PIER48
554120.00	4181120.00	2.66E+01	1.8	SRCGP2	R_PIER48
554140.00	4181120.00	2.43E+01	1.8	SRCGP2	R_PIER48
553940.00	4181140.00	5.07E+01	1.8	SRCGP2	R_PIER48
553960.00	4181140.00	4.94E+01	1.8	SRCGP2	R_PIER48
553980.00	4181140.00	4.64E+01	1.8	SRCGP2	R_PIER48
554000.00	4181140.00	4.26E+01	1.8	SRCGP2	R_PIER48
554020.00	4181140.00	3.88E+01	1.8	SRCGP2	R_PIER48
554040.00	4181140.00	3.53E+01	1.8	SRCGP2	R_PIER48
554060.00	4181140.00	3.21E+01	1.8	SRCGP2	R_PIER48
554080.00	4181140.00	2.93E+01	1.8	SRCGP2	R_PIER48
554100.00	4181140.00	2.68E+01	1.8	SRCGP2	R_PIER48
554120.00	4181140.00	2.46E+01	1.8	SRCGP2	R_PIER48
554140.00	4181140.00	2.27E+01	1.8	SRCGP2	R_PIER48
554040.00	4181160.00	3.06E+01	1.8	SRCGP2	R_PIER48
554060.00	4181160.00	2.84E+01	1.8	SRCGP2	R_PIER48
554080.00	4181160.00	2.63E+01	1.8	SRCGP2	R_PIER48
554100.00	4181160.00	2.44E+01	1.8	SRCGP2	R_PIER48
554120.00	4181160.00	2.26E+01	1.8	SRCGP2	R_PIER48
554140.00	4181160.00	2.11E+01	1.8	SRCGP2	R_PIER48
553980.00	4180780.00	1.92E+01	1.8	SRCGP2	R_PIER50
553980.00	4180800.00	2.95E+01	1.8	SRCGP2	R_PIER50
553980.00	4180820.00	5.19E+01	1.8	SRCGP2	R_PIER50
553980.00	4180840.00	9.34E+01	1.8	SRCGP2	R_PIER50
553980.00	4180860.00	1.25E+02	1.8	SRCGP2	R_PIER50
553980.00	4180880.00	1.21E+02	1.8	SRCGP2	R_PIER50
553980.00	4180900.00	1.13E+02	1.8	SRCGP2	R_PIER50
553980.00	4180920.00	1.18E+02	1.8	SRCGP2	R_PIER50
553980.00	4180940.00	1.28E+02	1.8	SRCGP2	R_PIER50
553980.00	4180960.00	1.22E+02	1.8	SRCGP2	R_PIER50
554000.00	4180720.00	8.70E+00	1.8	SRCGP2	R_PIER50
554000.00	4180740.00	1.10E+01	1.8	SRCGP2	R_PIER50
554000.00	4180760.00	1.45E+01	1.8	SRCGP2	R_PIER50
554000.00	4180780.00	2.01E+01	1.8	SRCGP2	R_PIER50
554000.00	4180800.00	2.94E+01	1.8	SRCGP2	R_PIER50
554000.00	4180820.00	4.45E+01	1.8	SRCGP2	R_PIER50
554000.00	4180840.00	6.40E+01	1.8	SRCGP2	R_PIER50
554000.00	4180860.00	7.98E+01	1.8	SRCGP2	R_PIER50
554000.00	4180880.00	8.58E+01	1.8	SRCGP2	R_PIER50
554000.00	4180900.00	8.74E+01	1.8	SRCGP2	R_PIER50
554000.00	4180920.00	8.99E+01	1.8	SRCGP2	R_PIER50
554000.00	4180940.00	9.22E+01	1.8	SRCGP2	R_PIER50
554000.00	4180960.00	8.99E+01	1.8	SRCGP2	R_PIER50
554020.00	4180840.00	4.85E+01	1.8	SRCGP2	R_PIER50

554020.00	4180860.00	5.83E+01	1.8	SRCGP2	R_PIER50
554020.00	4180880.00	6.47E+01	1.8	SRCGP2	R_PIER50
554020.00	4180900.00	6.84E+01	1.8	SRCGP2	R_PIER50
554020.00	4180920.00	7.09E+01	1.8	SRCGP2	R_PIER50
554020.00	4180940.00	7.21E+01	1.8	SRCGP2	R_PIER50
554020.00	4180960.00	7.16E+01	1.8	SRCGP2	R_PIER50
554040.00	4180840.00	3.92E+01	1.8	SRCGP2	R_PIER50
554040.00	4180860.00	4.61E+01	1.8	SRCGP2	R_PIER50
554040.00	4180880.00	5.14E+01	1.8	SRCGP2	R_PIER50
554040.00	4180900.00	5.51E+01	1.8	SRCGP2	R_PIER50
554040.00	4180920.00	5.76E+01	1.8	SRCGP2	R_PIER50
554040.00	4180940.00	5.89E+01	1.8	SRCGP2	R_PIER50
554040.00	4180960.00	5.92E+01	1.8	SRCGP2	R_PIER50
554060.00	4180840.00	3.30E+01	1.8	SRCGP2	R_PIER50
554060.00	4180860.00	3.81E+01	1.8	SRCGP2	R_PIER50
554060.00	4180880.00	4.23E+01	1.8	SRCGP2	R_PIER50
554060.00	4180900.00	4.56E+01	1.8	SRCGP2	R_PIER50
554060.00	4180920.00	4.79E+01	1.8	SRCGP2	R_PIER50
554060.00	4180940.00	4.94E+01	1.8	SRCGP2	R_PIER50
554060.00	4180960.00	5.00E+01	1.8	SRCGP2	R_PIER50
554080.00	4180840.00	2.85E+01	1.8	SRCGP2	R_PIER50
554080.00	4180860.00	3.24E+01	1.8	SRCGP2	R_PIER50
554080.00	4180880.00	3.58E+01	1.8	SRCGP2	R_PIER50
554080.00	4180900.00	3.86E+01	1.8	SRCGP2	R_PIER50
554080.00	4180920.00	4.07E+01	1.8	SRCGP2	R_PIER50
554080.00	4180940.00	4.22E+01	1.8	SRCGP2	R_PIER50
554080.00	4180960.00	4.29E+01	1.8	SRCGP2	R_PIER50
554100.00	4180840.00	2.51E+01	1.8	SRCGP2	R_PIER50
554100.00	4180860.00	2.82E+01	1.8	SRCGP2	R_PIER50
554100.00	4180880.00	3.09E+01	1.8	SRCGP2	R_PIER50
554100.00	4180900.00	3.33E+01	1.8	SRCGP2	R_PIER50
554100.00	4180920.00	3.52E+01	1.8	SRCGP2	R_PIER50
554100.00	4180940.00	3.65E+01	1.8	SRCGP2	R_PIER50
554100.00	4180960.00	3.73E+01	1.8	SRCGP2	R_PIER50
554120.00	4180840.00	2.23E+01	1.8	SRCGP2	R_PIER50
554120.00	4180860.00	2.49E+01	1.8	SRCGP2	R_PIER50
554120.00	4180880.00	2.72E+01	1.8	SRCGP2	R_PIER50
554120.00	4180900.00	2.91E+01	1.8	SRCGP2	R_PIER50
554120.00	4180920.00	3.08E+01	1.8	SRCGP2	R_PIER50
554120.00	4180940.00	3.20E+01	1.8	SRCGP2	R_PIER50
554120.00	4180960.00	3.28E+01	1.8	SRCGP2	R_PIER50
554140.00	4180840.00	2.01E+01	1.8	SRCGP2	R_PIER50
554140.00	4180860.00	2.22E+01	1.8	SRCGP2	R_PIER50
554140.00	4180880.00	2.41E+01	1.8	SRCGP2	R_PIER50
554140.00	4180900.00	2.58E+01	1.8	SRCGP2	R_PIER50
554140.00	4180920.00	2.72E+01	1.8	SRCGP2	R_PIER50
554140.00	4180940.00	2.83E+01	1.8	SRCGP2	R_PIER50

554140.00	4180960.00	2.90E+01	1.8	SRCGP2	R_PIER50
554160.00	4180840.00	1.83E+01	1.8	SRCGP2	R_PIER50
554160.00	4180860.00	2.00E+01	1.8	SRCGP2	R_PIER50
554160.00	4180880.00	2.16E+01	1.8	SRCGP2	R_PIER50
554160.00	4180900.00	2.31E+01	1.8	SRCGP2	R_PIER50
554160.00	4180920.00	2.43E+01	1.8	SRCGP2	R_PIER50
554160.00	4180940.00	2.53E+01	1.8	SRCGP2	R_PIER50
554160.00	4180960.00	2.59E+01	1.8	SRCGP2	R_PIER50
554180.00	4180840.00	1.67E+01	1.8	SRCGP2	R_PIER50
554180.00	4180860.00	1.82E+01	1.8	SRCGP2	R_PIER50
554180.00	4180880.00	1.96E+01	1.8	SRCGP2	R_PIER50
554180.00	4180900.00	2.08E+01	1.8	SRCGP2	R_PIER50
554180.00	4180920.00	2.19E+01	1.8	SRCGP2	R_PIER50
554180.00	4180940.00	2.27E+01	1.8	SRCGP2	R_PIER50
554180.00	4180960.00	2.33E+01	1.8	SRCGP2	R_PIER50
554200.00	4180840.00	1.54E+01	1.8	SRCGP2	R_PIER50
554200.00	4180860.00	1.66E+01	1.8	SRCGP2	R_PIER50
554200.00	4180880.00	1.78E+01	1.8	SRCGP2	R_PIER50
554200.00	4180900.00	1.89E+01	1.8	SRCGP2	R_PIER50
554200.00	4180920.00	1.98E+01	1.8	SRCGP2	R_PIER50
554200.00	4180940.00	2.06E+01	1.8	SRCGP2	R_PIER50
554200.00	4180960.00	2.11E+01	1.8	SRCGP2	R_PIER50
554220.00	4180840.00	1.42E+01	1.8	SRCGP2	R_PIER50
554220.00	4180860.00	1.53E+01	1.8	SRCGP2	R_PIER50
554220.00	4180880.00	1.63E+01	1.8	SRCGP2	R_PIER50
554220.00	4180900.00	1.72E+01	1.8	SRCGP2	R_PIER50
554220.00	4180920.00	1.80E+01	1.8	SRCGP2	R_PIER50
554220.00	4180940.00	1.87E+01	1.8	SRCGP2	R_PIER50
554220.00	4180960.00	1.92E+01	1.8	SRCGP2	R_PIER50
554240.00	4180820.00	1.22E+01	1.8	SRCGP2	R_PIER50
554240.00	4180840.00	1.32E+01	1.8	SRCGP2	R_PIER50
554240.00	4180860.00	1.41E+01	1.8	SRCGP2	R_PIER50
554240.00	4180880.00	1.50E+01	1.8	SRCGP2	R_PIER50
554240.00	4180900.00	1.58E+01	1.8	SRCGP2	R_PIER50
554240.00	4180920.00	1.65E+01	1.8	SRCGP2	R_PIER50
554240.00	4180940.00	1.71E+01	1.8	SRCGP2	R_PIER50
554240.00	4180960.00	1.76E+01	1.8	SRCGP2	R_PIER50
554260.00	4180820.00	1.14E+01	1.8	SRCGP2	R_PIER50
554260.00	4180840.00	1.23E+01	1.8	SRCGP2	R_PIER50
554260.00	4180860.00	1.31E+01	1.8	SRCGP2	R_PIER50
554260.00	4180880.00	1.39E+01	1.8	SRCGP2	R_PIER50
554260.00	4180900.00	1.46E+01	1.8	SRCGP2	R_PIER50
554260.00	4180920.00	1.52E+01	1.8	SRCGP2	R_PIER50
554260.00	4180940.00	1.57E+01	1.8	SRCGP2	R_PIER50
554260.00	4180960.00	1.62E+01	1.8	SRCGP2	R_PIER50
554280.00	4180800.00	9.95E+00	1.8	SRCGP2	R_PIER50
554280.00	4180820.00	1.07E+01	1.8	SRCGP2	R_PIER50



554280.00	4180840.00	1.15E+01	1.8	SRCGP2	R_PIER50
554280.00	4180860.00	1.22E+01	1.8	SRCGP2	R_PIER50
554280.00	4180880.00	1.29E+01	1.8	SRCGP2	R_PIER50
554280.00	4180900.00	1.35E+01	1.8	SRCGP2	R_PIER50
554280.00	4180920.00	1.41E+01	1.8	SRCGP2	R_PIER50
554280.00	4180940.00	1.45E+01	1.8	SRCGP2	R_PIER50
554280.00	4180960.00	1.49E+01	1.8	SRCGP2	R_PIER50
554300.00	4180780.00	8.72E+00	1.8	SRCGP2	R_PIER50
554300.00	4180800.00	9.40E+00	1.8	SRCGP2	R_PIER50
554300.00	4180820.00	1.01E+01	1.8	SRCGP2	R_PIER50
554300.00	4180840.00	1.08E+01	1.8	SRCGP2	R_PIER50
554300.00	4180860.00	1.14E+01	1.8	SRCGP2	R_PIER50
554300.00	4180880.00	1.20E+01	1.8	SRCGP2	R_PIER50
554300.00	4180900.00	1.26E+01	1.8	SRCGP2	R_PIER50
554300.00	4180920.00	1.31E+01	1.8	SRCGP2	R_PIER50
554300.00	4180940.00	1.35E+01	1.8	SRCGP2	R_PIER50
554300.00	4180960.00	1.38E+01	1.8	SRCGP2	R_PIER50
554320.00	4180780.00	8.29E+00	1.8	SRCGP2	R_PIER50
554320.00	4180800.00	8.90E+00	1.8	SRCGP2	R_PIER50
554320.00	4180820.00	9.51E+00	1.8	SRCGP2	R_PIER50
554320.00	4180840.00	1.01E+01	1.8	SRCGP2	R_PIER50
554320.00	4180860.00	1.07E+01	1.8	SRCGP2	R_PIER50
554320.00	4180880.00	1.12E+01	1.8	SRCGP2	R_PIER50
554320.00	4180900.00	1.17E+01	1.8	SRCGP2	R_PIER50
554320.00	4180920.00	1.22E+01	1.8	SRCGP2	R_PIER50
554320.00	4180940.00	1.25E+01	1.8	SRCGP2	R_PIER50
554320.00	4180960.00	1.28E+01	1.8	SRCGP2	R_PIER50
554340.00	4180760.00	7.35E+00	1.8	SRCGP2	R_PIER50
554340.00	4180780.00	7.89E+00	1.8	SRCGP2	R_PIER50
554340.00	4180800.00	8.44E+00	1.8	SRCGP2	R_PIER50
554340.00	4180820.00	8.99E+00	1.8	SRCGP2	R_PIER50
554340.00	4180840.00	9.52E+00	1.8	SRCGP2	R_PIER50
554340.00	4180860.00	1.00E+01	1.8	SRCGP2	R_PIER50
554340.00	4180880.00	1.05E+01	1.8	SRCGP2	R_PIER50
554340.00	4180900.00	1.10E+01	1.8	SRCGP2	R_PIER50
554340.00	4180920.00	1.13E+01	1.8	SRCGP2	R_PIER50
554340.00	4180940.00	1.17E+01	1.8	SRCGP2	R_PIER50
554340.00	4180960.00	1.20E+01	1.8	SRCGP2	R_PIER50
554360.00	4180760.00	7.03E+00	1.8	SRCGP2	R_PIER50
554360.00	4180780.00	7.52E+00	1.8	SRCGP2	R_PIER50
554360.00	4180800.00	8.02E+00	1.8	SRCGP2	R_PIER50
554360.00	4180820.00	8.51E+00	1.8	SRCGP2	R_PIER50
554360.00	4180840.00	8.99E+00	1.8	SRCGP2	R_PIER50
554360.00	4180860.00	9.45E+00	1.8	SRCGP2	R_PIER50
554360.00	4180880.00	9.88E+00	1.8	SRCGP2	R_PIER50
554360.00	4180900.00	1.03E+01	1.8	SRCGP2	R_PIER50
554360.00	4180920.00	1.06E+01	1.8	SRCGP2	R_PIER50

554360.00	4180940.00	1.09E+01	1.8	SRCGP2	R_PIER50
554360.00	4180960.00	1.12E+01	1.8	SRCGP2	R_PIER50
554380.00	4180740.00	6.28E+00	1.8	SRCGP2	R_PIER50
554380.00	4180760.00	6.73E+00	1.8	SRCGP2	R_PIER50
554380.00	4180780.00	7.18E+00	1.8	SRCGP2	R_PIER50
554380.00	4180800.00	7.63E+00	1.8	SRCGP2	R_PIER50
554380.00	4180820.00	8.07E+00	1.8	SRCGP2	R_PIER50
554380.00	4180840.00	8.50E+00	1.8	SRCGP2	R_PIER50
554380.00	4180860.00	8.91E+00	1.8	SRCGP2	R_PIER50
554380.00	4180880.00	9.30E+00	1.8	SRCGP2	R_PIER50
554380.00	4180900.00	9.66E+00	1.8	SRCGP2	R_PIER50
554380.00	4180920.00	9.98E+00	1.8	SRCGP2	R_PIER50
554380.00	4180940.00	1.03E+01	1.8	SRCGP2	R_PIER50
554380.00	4180960.00	1.05E+01	1.8	SRCGP2	R_PIER50
554400.00	4180740.00	6.04E+00	1.8	SRCGP2	R_PIER50
554400.00	4180760.00	6.45E+00	1.8	SRCGP2	R_PIER50
554400.00	4180780.00	6.86E+00	1.8	SRCGP2	R_PIER50
554400.00	4180800.00	7.27E+00	1.8	SRCGP2	R_PIER50
554400.00	4180820.00	7.67E+00	1.8	SRCGP2	R_PIER50
554400.00	4180840.00	8.06E+00	1.8	SRCGP2	R_PIER50
554400.00	4180860.00	8.43E+00	1.8	SRCGP2	R_PIER50
554400.00	4180880.00	8.78E+00	1.8	SRCGP2	R_PIER50
554400.00	4180900.00	9.10E+00	1.8	SRCGP2	R_PIER50
554400.00	4180920.00	9.39E+00	1.8	SRCGP2	R_PIER50
554400.00	4180940.00	9.64E+00	1.8	SRCGP2	R_PIER50
554400.00	4180960.00	9.85E+00	1.8	SRCGP2	R_PIER50
554420.00	4180720.00	5.45E+00	1.8	SRCGP2	R_PIER50
554420.00	4180740.00	5.81E+00	1.8	SRCGP2	R_PIER50
554420.00	4180760.00	6.19E+00	1.8	SRCGP2	R_PIER50
554420.00	4180780.00	6.56E+00	1.8	SRCGP2	R_PIER50
554420.00	4180800.00	6.93E+00	1.8	SRCGP2	R_PIER50
554420.00	4180820.00	7.30E+00	1.8	SRCGP2	R_PIER50
554420.00	4180840.00	7.65E+00	1.8	SRCGP2	R_PIER50
554420.00	4180860.00	7.99E+00	1.8	SRCGP2	R_PIER50
554420.00	4180880.00	8.30E+00	1.8	SRCGP2	R_PIER50
554420.00	4180900.00	8.60E+00	1.8	SRCGP2	R_PIER50
554420.00	4180920.00	8.86E+00	1.8	SRCGP2	R_PIER50
554420.00	4180940.00	9.09E+00	1.8	SRCGP2	R_PIER50
554420.00	4180960.00	9.28E+00	1.8	SRCGP2	R_PIER50
554440.00	4180720.00	5.26E+00	1.8	SRCGP2	R_PIER50
554440.00	4180740.00	5.60E+00	1.8	SRCGP2	R_PIER50
554440.00	4180760.00	5.94E+00	1.8	SRCGP2	R_PIER50
554440.00	4180780.00	6.28E+00	1.8	SRCGP2	R_PIER50
554440.00	4180800.00	6.62E+00	1.8	SRCGP2	R_PIER50
554440.00	4180820.00	6.95E+00	1.8	SRCGP2	R_PIER50
554440.00	4180840.00	7.27E+00	1.8	SRCGP2	R_PIER50
554440.00	4180860.00	7.58E+00	1.8	SRCGP2	R_PIER50

554440.00	4180880.00	7.87E+00	1.8	SRCGP2	R_PIER50
554440.00	4180900.00	8.13E+00	1.8	SRCGP2	R_PIER50
554440.00	4180920.00	8.37E+00	1.8	SRCGP2	R_PIER50
554440.00	4180940.00	8.58E+00	1.8	SRCGP2	R_PIER50
554440.00	4180960.00	8.76E+00	1.8	SRCGP2	R_PIER50
553680.00	4180480.00	2.02E+00	1.8	SRCGP2	Sensitive
553360.00	4181000.00	2.83E+00	1.8	SRCGP2	Sensitive
553160.00	4180800.00	1.61E+00	1.8	SRCGP2	Sensitive
552940.00	4180980.00	9.87E-01	1.8	SRCGP2	Sensitive
553440.00	4180240.00	9.66E-01	1.8	SRCGP2	Sensitive
553920.00	4180800.00	2.63E+01	1.8	SRCGP2	Sensitive
553400.00	4180440.00	1.49E+00	1.8	SRCGP2	Sensitive
553920.00	4180000.00	5.08E-01	1.8	SRCGP2	Sensitive
553560.00	4180360.00	1.35E+00	1.8	SRCGP2	Sensitive
553360.00	4180340.00	1.14E+00	1.8	SRCGP2	Sensitive
553160.00	4181180.00	1.41E+00	1.8	SRCGP2	Sensitive



**Annual Average Concentration at Each Receptor Location: Mission Rock Operation Scenario - Source Group :**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	2.21E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180540.00	2.35E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180560.00	2.49E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180580.00	2.65E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180600.00	2.81E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180620.00	2.98E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180640.00	3.15E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180660.00	3.32E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180720.00	3.77E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180740.00	3.89E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180760.00	3.99E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180780.00	4.08E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180800.00	4.16E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180840.00	4.29E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180860.00	4.33E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180880.00	4.36E+00	1.8	SRCGP3	OFF_SITE
553440.00	4180900.00	4.37E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181020.00	4.13E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181040.00	4.03E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181060.00	3.92E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181080.00	3.81E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181160.00	3.46E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181180.00	3.36E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181200.00	3.25E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181220.00	3.14E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181240.00	3.02E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181260.00	2.91E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181300.00	2.72E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181320.00	2.64E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181340.00	2.57E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181360.00	2.50E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181380.00	2.43E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181400.00	2.37E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181420.00	2.30E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181440.00	2.23E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181460.00	2.17E+00	1.8	SRCGP3	OFF_SITE
553440.00	4181480.00	2.10E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180520.00	2.27E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180540.00	2.41E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180560.00	2.56E+00	1.8	SRCGP3	OFF_SITE

553460.00	4180580.00	2.72E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180600.00	2.90E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180620.00	3.08E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180640.00	3.27E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180660.00	3.47E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180700.00	3.84E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180740.00	4.15E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180760.00	4.27E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180780.00	4.37E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180800.00	4.46E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180820.00	4.55E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180860.00	4.68E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180880.00	4.73E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180900.00	4.75E+00	1.8	SRCGP3	OFF_SITE
553460.00	4180920.00	4.75E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181040.00	4.37E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181060.00	4.25E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181120.00	3.92E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181140.00	3.82E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181180.00	3.61E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181200.00	3.48E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181220.00	3.35E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181240.00	3.22E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181260.00	3.10E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181280.00	2.99E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181320.00	2.80E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181340.00	2.72E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181360.00	2.64E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181380.00	2.56E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181400.00	2.49E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181420.00	2.41E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181440.00	2.34E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181460.00	2.26E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181500.00	2.11E+00	1.8	SRCGP3	OFF_SITE
553460.00	4181520.00	2.04E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180520.00	2.32E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180540.00	2.47E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180560.00	2.63E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180580.00	2.80E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180600.00	2.99E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180620.00	3.19E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180640.00	3.40E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180660.00	3.62E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180700.00	4.05E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180720.00	4.25E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180760.00	4.57E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180780.00	4.70E+00	1.8	SRCGP3	OFF_SITE

553480.00	4180800.00	4.81E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180820.00	4.91E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180840.00	5.00E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180880.00	5.14E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180900.00	5.18E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180920.00	5.20E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180940.00	5.20E+00	1.8	SRCGP3	OFF_SITE
553480.00	4180960.00	5.17E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181040.00	4.76E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181080.00	4.48E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181100.00	4.36E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181120.00	4.25E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181140.00	4.14E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181160.00	4.02E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181200.00	3.73E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181220.00	3.58E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181240.00	3.43E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181260.00	3.30E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181280.00	3.18E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181300.00	3.08E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181340.00	2.88E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181360.00	2.79E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181380.00	2.70E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181400.00	2.62E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181420.00	2.53E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181440.00	2.44E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181480.00	2.27E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181500.00	2.19E+00	1.8	SRCGP3	OFF_SITE
553480.00	4181520.00	2.11E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180520.00	2.37E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180540.00	2.53E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180560.00	2.70E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180580.00	2.88E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180600.00	3.09E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180620.00	3.30E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180640.00	3.53E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180660.00	3.78E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180700.00	4.27E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180720.00	4.51E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180740.00	4.73E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180780.00	5.07E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180800.00	5.20E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180820.00	5.32E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180840.00	5.42E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180860.00	5.52E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180900.00	5.66E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180920.00	5.70E+00	1.8	SRCGP3	OFF_SITE

553500.00	4180940.00	5.72E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180960.00	5.70E+00	1.8	SRCGP3	OFF_SITE
553500.00	4180980.00	5.63E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181000.00	5.52E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181060.00	5.06E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181080.00	4.90E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181100.00	4.76E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181120.00	4.63E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181140.00	4.51E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181160.00	4.36E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181180.00	4.19E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181220.00	3.84E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181240.00	3.67E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181260.00	3.53E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181280.00	3.39E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181300.00	3.27E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181320.00	3.16E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181360.00	2.95E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181380.00	2.85E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181400.00	2.75E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181420.00	2.65E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181460.00	2.45E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181480.00	2.36E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181500.00	2.26E+00	1.8	SRCGP3	OFF_SITE
553500.00	4181520.00	2.17E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180520.00	2.43E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180540.00	2.59E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180560.00	2.77E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180580.00	2.97E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180600.00	3.18E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180620.00	3.42E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180640.00	3.67E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180660.00	3.94E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180700.00	4.51E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180720.00	4.79E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180740.00	5.05E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180760.00	5.29E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180800.00	5.65E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180820.00	5.79E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180840.00	5.91E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180860.00	6.03E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180880.00	6.13E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180920.00	6.28E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180940.00	6.32E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180960.00	6.31E+00	1.8	SRCGP3	OFF_SITE
553520.00	4180980.00	6.24E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181000.00	6.10E+00	1.8	SRCGP3	OFF_SITE



553520.00	4181080.00	5.39E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181100.00	5.23E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181120.00	5.08E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181140.00	4.92E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181160.00	4.74E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181180.00	4.54E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181200.00	4.33E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181240.00	3.94E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181260.00	3.78E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181280.00	3.63E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181300.00	3.49E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181320.00	3.36E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181340.00	3.24E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181380.00	3.00E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181400.00	2.88E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181440.00	2.66E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181460.00	2.55E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181480.00	2.44E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181500.00	2.34E+00	1.8	SRCGP3	OFF_SITE
553520.00	4181520.00	2.24E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180520.00	2.48E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180540.00	2.65E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180560.00	2.84E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180580.00	3.05E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180600.00	3.28E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180620.00	3.53E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180640.00	3.81E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180660.00	4.11E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180700.00	4.75E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180720.00	5.08E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180740.00	5.40E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180760.00	5.70E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180780.00	5.95E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180820.00	6.33E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180840.00	6.48E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180860.00	6.61E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180880.00	6.74E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180900.00	6.85E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180940.00	7.02E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180960.00	7.03E+00	1.8	SRCGP3	OFF_SITE
553540.00	4180980.00	6.95E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181100.00	5.78E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181120.00	5.60E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181140.00	5.40E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181160.00	5.17E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181180.00	4.92E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181200.00	4.68E+00	1.8	SRCGP3	OFF_SITE

553540.00	4181220.00	4.44E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181260.00	4.05E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181280.00	3.88E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181300.00	3.72E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181320.00	3.57E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181340.00	3.43E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181360.00	3.29E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181420.00	2.89E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181440.00	2.76E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181460.00	2.64E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181480.00	2.52E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181500.00	2.40E+00	1.8	SRCGP3	OFF_SITE
553540.00	4181520.00	2.30E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180520.00	2.54E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180540.00	2.72E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180560.00	2.92E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180580.00	3.14E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180600.00	3.38E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180620.00	3.65E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180640.00	3.95E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180660.00	4.28E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180700.00	5.01E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180720.00	5.39E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180740.00	5.78E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180760.00	6.15E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180780.00	6.48E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180800.00	6.75E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180840.00	7.14E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180860.00	7.30E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180880.00	7.45E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180900.00	7.59E+00	1.8	SRCGP3	OFF_SITE
553560.00	4180920.00	7.72E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181000.00	7.61E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181020.00	7.38E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181120.00	6.21E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181140.00	5.95E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181160.00	5.66E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181180.00	5.36E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181200.00	5.07E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181220.00	4.80E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181240.00	4.57E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181280.00	4.16E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181300.00	3.97E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181320.00	3.80E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181340.00	3.63E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181420.00	3.01E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181440.00	2.86E+00	1.8	SRCGP3	OFF_SITE

553560.00	4181460.00	2.72E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181480.00	2.59E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181500.00	2.47E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181520.00	2.35E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180520.00	2.60E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180540.00	2.78E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180560.00	2.99E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180580.00	3.22E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180600.00	3.48E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180620.00	3.77E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180640.00	4.09E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180660.00	4.45E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180700.00	5.27E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180720.00	5.72E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180740.00	6.19E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180760.00	6.65E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180780.00	7.07E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180800.00	7.43E+00	1.8	SRCGP3	OFF_SITE
553580.00	4180820.00	7.71E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181000.00	8.59E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181020.00	8.35E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181040.00	8.07E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181140.00	6.60E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181160.00	6.23E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181180.00	5.85E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181200.00	5.51E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181220.00	5.20E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181240.00	4.93E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181260.00	4.68E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181300.00	4.24E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181320.00	4.03E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181440.00	2.96E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181460.00	2.81E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181480.00	2.67E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181500.00	2.53E+00	1.8	SRCGP3	OFF_SITE
553580.00	4181520.00	2.40E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180800.00	8.22E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180820.00	8.61E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180840.00	8.90E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180860.00	9.13E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180900.00	9.51E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180920.00	9.72E+00	1.8	SRCGP3	OFF_SITE
553600.00	4180940.00	9.90E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181000.00	9.80E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181020.00	9.54E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181040.00	9.23E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181060.00	8.88E+00	1.8	SRCGP3	OFF_SITE

553600.00	4181160.00	6.87E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181180.00	6.42E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181200.00	6.02E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181220.00	5.66E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181240.00	5.34E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181260.00	5.05E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181280.00	4.78E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181460.00	2.89E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181480.00	2.73E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181500.00	2.59E+00	1.8	SRCGP3	OFF_SITE
553600.00	4181520.00	2.45E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180520.00	2.70E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180540.00	2.90E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180560.00	3.13E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180600.00	3.68E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180620.00	4.01E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180640.00	4.38E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180660.00	4.81E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180700.00	5.83E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180720.00	6.42E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180740.00	7.07E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180760.00	7.76E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180780.00	8.47E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180800.00	9.13E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180820.00	9.68E+00	1.8	SRCGP3	OFF_SITE
553620.00	4180840.00	1.01E+01	1.8	SRCGP3	OFF_SITE
553620.00	4180860.00	1.04E+01	1.8	SRCGP3	OFF_SITE
553620.00	4180900.00	1.08E+01	1.8	SRCGP3	OFF_SITE
553620.00	4180920.00	1.10E+01	1.8	SRCGP3	OFF_SITE
553620.00	4180940.00	1.12E+01	1.8	SRCGP3	OFF_SITE
553620.00	4181000.00	1.13E+01	1.8	SRCGP3	OFF_SITE
553620.00	4181020.00	1.11E+01	1.8	SRCGP3	OFF_SITE
553620.00	4181040.00	1.07E+01	1.8	SRCGP3	OFF_SITE
553620.00	4181060.00	1.03E+01	1.8	SRCGP3	OFF_SITE
553620.00	4181080.00	9.82E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181180.00	7.08E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181200.00	6.59E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181220.00	6.17E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181240.00	5.79E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181260.00	5.44E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181280.00	5.12E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181480.00	2.80E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181500.00	2.64E+00	1.8	SRCGP3	OFF_SITE
553620.00	4181520.00	2.50E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180520.00	2.75E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180540.00	2.96E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180560.00	3.20E+00	1.8	SRCGP3	OFF_SITE

553640.00	4180600.00	3.77E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180620.00	4.12E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180640.00	4.53E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180660.00	4.98E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180700.00	6.11E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180720.00	6.79E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180740.00	7.55E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180760.00	8.38E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180780.00	9.28E+00	1.8	SRCGP3	OFF_SITE
553640.00	4180800.00	1.02E+01	1.8	SRCGP3	OFF_SITE
553640.00	4180820.00	1.10E+01	1.8	SRCGP3	OFF_SITE
553640.00	4180840.00	1.16E+01	1.8	SRCGP3	OFF_SITE
553640.00	4180860.00	1.20E+01	1.8	SRCGP3	OFF_SITE
553640.00	4180900.00	1.25E+01	1.8	SRCGP3	OFF_SITE
553640.00	4180920.00	1.27E+01	1.8	SRCGP3	OFF_SITE
553640.00	4180940.00	1.28E+01	1.8	SRCGP3	OFF_SITE
553640.00	4181000.00	1.31E+01	1.8	SRCGP3	OFF_SITE
553640.00	4181020.00	1.30E+01	1.8	SRCGP3	OFF_SITE
553640.00	4181040.00	1.27E+01	1.8	SRCGP3	OFF_SITE
553640.00	4181060.00	1.21E+01	1.8	SRCGP3	OFF_SITE
553640.00	4181080.00	1.15E+01	1.8	SRCGP3	OFF_SITE
553640.00	4181100.00	1.09E+01	1.8	SRCGP3	OFF_SITE
553640.00	4181200.00	7.26E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181220.00	6.74E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181240.00	6.28E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181260.00	5.86E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181500.00	2.70E+00	1.8	SRCGP3	OFF_SITE
553640.00	4181520.00	2.54E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180520.00	2.78E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180540.00	3.00E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180560.00	3.25E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180600.00	3.86E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180620.00	4.23E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180640.00	4.66E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180660.00	5.15E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180700.00	6.39E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180720.00	7.16E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180740.00	8.04E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180760.00	9.04E+00	1.8	SRCGP3	OFF_SITE
553660.00	4180780.00	1.02E+01	1.8	SRCGP3	OFF_SITE
553660.00	4180800.00	1.14E+01	1.8	SRCGP3	OFF_SITE
553660.00	4180820.00	1.25E+01	1.8	SRCGP3	OFF_SITE
553660.00	4180840.00	1.35E+01	1.8	SRCGP3	OFF_SITE
553660.00	4180860.00	1.42E+01	1.8	SRCGP3	OFF_SITE
553660.00	4180900.00	1.47E+01	1.8	SRCGP3	OFF_SITE
553660.00	4180920.00	1.48E+01	1.8	SRCGP3	OFF_SITE
553660.00	4180940.00	1.48E+01	1.8	SRCGP3	OFF_SITE

553660.00	4181000.00	1.54E+01	1.8	SRCGP3	OFF_SITE
553660.00	4181020.00	1.55E+01	1.8	SRCGP3	OFF_SITE
553660.00	4181040.00	1.53E+01	1.8	SRCGP3	OFF_SITE
553660.00	4181060.00	1.47E+01	1.8	SRCGP3	OFF_SITE
553660.00	4181080.00	1.38E+01	1.8	SRCGP3	OFF_SITE
553660.00	4181100.00	1.28E+01	1.8	SRCGP3	OFF_SITE
553660.00	4181120.00	1.17E+01	1.8	SRCGP3	OFF_SITE
553660.00	4181220.00	7.37E+00	1.8	SRCGP3	OFF_SITE
553660.00	4181240.00	6.80E+00	1.8	SRCGP3	OFF_SITE
553660.00	4181520.00	2.59E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180520.00	2.81E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180540.00	3.04E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180560.00	3.30E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180600.00	3.94E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180620.00	4.33E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180640.00	4.78E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180660.00	5.31E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180700.00	6.66E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180720.00	7.52E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180740.00	8.53E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180760.00	9.71E+00	1.8	SRCGP3	OFF_SITE
553680.00	4180780.00	1.11E+01	1.8	SRCGP3	OFF_SITE
553680.00	4180800.00	1.27E+01	1.8	SRCGP3	OFF_SITE
553680.00	4180820.00	1.44E+01	1.8	SRCGP3	OFF_SITE
553680.00	4180840.00	1.61E+01	1.8	SRCGP3	OFF_SITE
553680.00	4180860.00	1.73E+01	1.8	SRCGP3	OFF_SITE
553680.00	4180900.00	1.78E+01	1.8	SRCGP3	OFF_SITE
553680.00	4180920.00	1.76E+01	1.8	SRCGP3	OFF_SITE
553680.00	4180940.00	1.73E+01	1.8	SRCGP3	OFF_SITE
553680.00	4181000.00	1.82E+01	1.8	SRCGP3	OFF_SITE
553680.00	4181020.00	1.89E+01	1.8	SRCGP3	OFF_SITE
553680.00	4181040.00	1.91E+01	1.8	SRCGP3	OFF_SITE
553680.00	4181060.00	1.84E+01	1.8	SRCGP3	OFF_SITE
553680.00	4181080.00	1.71E+01	1.8	SRCGP3	OFF_SITE
553680.00	4181100.00	1.55E+01	1.8	SRCGP3	OFF_SITE
553680.00	4181120.00	1.37E+01	1.8	SRCGP3	OFF_SITE
553680.00	4181140.00	1.22E+01	1.8	SRCGP3	OFF_SITE
553700.00	4180520.00	2.83E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180540.00	3.07E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180560.00	3.33E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180600.00	3.99E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180620.00	4.40E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180640.00	4.88E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180660.00	5.45E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180700.00	6.92E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180720.00	7.87E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180740.00	9.01E+00	1.8	SRCGP3	OFF_SITE

553700.00	4180760.00	1.04E+01	1.8	SRCGP3	OFF_SITE
553700.00	4180780.00	1.21E+01	1.8	SRCGP3	OFF_SITE
553700.00	4180800.00	1.41E+01	1.8	SRCGP3	OFF_SITE
553700.00	4180820.00	1.66E+01	1.8	SRCGP3	OFF_SITE
553700.00	4180840.00	1.94E+01	1.8	SRCGP3	OFF_SITE
553700.00	4180860.00	2.19E+01	1.8	SRCGP3	OFF_SITE
553700.00	4180900.00	2.28E+01	1.8	SRCGP3	OFF_SITE
553700.00	4180920.00	2.16E+01	1.8	SRCGP3	OFF_SITE
553700.00	4180940.00	2.05E+01	1.8	SRCGP3	OFF_SITE
553700.00	4181000.00	2.15E+01	1.8	SRCGP3	OFF_SITE
553700.00	4181020.00	2.33E+01	1.8	SRCGP3	OFF_SITE
553700.00	4181040.00	2.49E+01	1.8	SRCGP3	OFF_SITE
553700.00	4181060.00	2.48E+01	1.8	SRCGP3	OFF_SITE
553700.00	4181080.00	2.25E+01	1.8	SRCGP3	OFF_SITE
553700.00	4181100.00	1.94E+01	1.8	SRCGP3	OFF_SITE
553700.00	4181120.00	1.65E+01	1.8	SRCGP3	OFF_SITE
553700.00	4181140.00	1.42E+01	1.8	SRCGP3	OFF_SITE
553720.00	4180520.00	2.83E+00	1.8	SRCGP3	OFF_SITE
553720.00	4180540.00	3.08E+00	1.8	SRCGP3	OFF_SITE
553720.00	4180560.00	3.35E+00	1.8	SRCGP3	OFF_SITE
553720.00	4180600.00	4.04E+00	1.8	SRCGP3	OFF_SITE
553720.00	4180620.00	4.46E+00	1.8	SRCGP3	OFF_SITE
553720.00	4180640.00	4.96E+00	1.8	SRCGP3	OFF_SITE
553720.00	4180660.00	5.56E+00	1.8	SRCGP3	OFF_SITE
553740.00	4180520.00	2.83E+00	1.8	SRCGP3	OFF_SITE
553740.00	4180540.00	3.07E+00	1.8	SRCGP3	OFF_SITE
553740.00	4180560.00	3.36E+00	1.8	SRCGP3	OFF_SITE
553760.00	4180620.00	4.51E+00	1.8	SRCGP3	OFF_SITE
553760.00	4180640.00	5.05E+00	1.8	SRCGP3	OFF_SITE
553760.00	4180660.00	5.69E+00	1.8	SRCGP3	OFF_SITE
553760.00	4180680.00	6.47E+00	1.8	SRCGP3	OFF_SITE
553760.00	4180720.00	8.64E+00	1.8	SRCGP3	OFF_SITE
553760.00	4180740.00	1.02E+01	1.8	SRCGP3	OFF_SITE
553760.00	4180760.00	1.21E+01	1.8	SRCGP3	OFF_SITE
553760.00	4180780.00	1.47E+01	1.8	SRCGP3	OFF_SITE
553780.00	4180520.00	2.78E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180540.00	3.03E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180560.00	3.32E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180580.00	3.65E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180600.00	4.04E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180620.00	4.50E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180640.00	5.05E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180660.00	5.71E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180680.00	6.52E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180720.00	8.79E+00	1.8	SRCGP3	OFF_SITE
553780.00	4180740.00	1.04E+01	1.8	SRCGP3	OFF_SITE
553780.00	4180760.00	1.25E+01	1.8	SRCGP3	OFF_SITE

553780.00	4180780.00	1.53E+01	1.8	SRCGP3	OFF_SITE
553800.00	4180520.00	2.73E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180540.00	2.98E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180560.00	3.27E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180580.00	3.61E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180600.00	4.00E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180620.00	4.47E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180640.00	5.03E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180660.00	5.70E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180680.00	6.53E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180720.00	8.89E+00	1.8	SRCGP3	OFF_SITE
553800.00	4180740.00	1.06E+01	1.8	SRCGP3	OFF_SITE
553800.00	4180760.00	1.29E+01	1.8	SRCGP3	OFF_SITE
553800.00	4180780.00	1.60E+01	1.8	SRCGP3	OFF_SITE
553820.00	4180520.00	2.67E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180540.00	2.92E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180560.00	3.21E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180580.00	3.55E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180620.00	4.41E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180640.00	4.97E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180660.00	5.66E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180680.00	6.50E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180720.00	8.95E+00	1.8	SRCGP3	OFF_SITE
553820.00	4180740.00	1.08E+01	1.8	SRCGP3	OFF_SITE
553820.00	4180760.00	1.32E+01	1.8	SRCGP3	OFF_SITE
553820.00	4180780.00	1.67E+01	1.8	SRCGP3	OFF_SITE
553840.00	4180520.00	2.60E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180540.00	2.85E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180560.00	3.14E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180580.00	3.47E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180620.00	4.33E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180640.00	4.89E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180660.00	5.58E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180680.00	6.44E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180720.00	8.96E+00	1.8	SRCGP3	OFF_SITE
553840.00	4180740.00	1.09E+01	1.8	SRCGP3	OFF_SITE
553840.00	4180760.00	1.35E+01	1.8	SRCGP3	OFF_SITE
553840.00	4180780.00	1.74E+01	1.8	SRCGP3	OFF_SITE
553860.00	4180520.00	2.53E+00	1.8	SRCGP3	OFF_SITE
553860.00	4180540.00	2.77E+00	1.8	SRCGP3	OFF_SITE
553860.00	4180560.00	3.05E+00	1.8	SRCGP3	OFF_SITE
553860.00	4180580.00	3.38E+00	1.8	SRCGP3	OFF_SITE
553860.00	4180620.00	4.23E+00	1.8	SRCGP3	OFF_SITE
553860.00	4180640.00	4.79E+00	1.8	SRCGP3	OFF_SITE
553860.00	4180660.00	5.48E+00	1.8	SRCGP3	OFF_SITE
553860.00	4180680.00	6.34E+00	1.8	SRCGP3	OFF_SITE
553860.00	4180720.00	8.93E+00	1.8	SRCGP3	OFF_SITE



553860.00	4180740.00	1.09E+01	1.8	SRCGP3	OFF_SITE
553860.00	4180760.00	1.38E+01	1.8	SRCGP3	OFF_SITE
553860.00	4180780.00	1.81E+01	1.8	SRCGP3	OFF_SITE
553880.00	4180520.00	2.46E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180540.00	2.69E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180560.00	2.96E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180580.00	3.28E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180620.00	4.10E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180640.00	4.65E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180660.00	5.33E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180680.00	6.20E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180720.00	8.83E+00	1.8	SRCGP3	OFF_SITE
553880.00	4180740.00	1.09E+01	1.8	SRCGP3	OFF_SITE
553880.00	4180760.00	1.40E+01	1.8	SRCGP3	OFF_SITE
553880.00	4180780.00	1.87E+01	1.8	SRCGP3	OFF_SITE
553900.00	4180520.00	2.39E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180540.00	2.61E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180560.00	2.87E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180580.00	3.17E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180620.00	3.97E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180640.00	4.51E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180660.00	5.17E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180680.00	6.02E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180720.00	8.65E+00	1.8	SRCGP3	OFF_SITE
553900.00	4180740.00	1.08E+01	1.8	SRCGP3	OFF_SITE
553900.00	4180760.00	1.40E+01	1.8	SRCGP3	OFF_SITE
553900.00	4180780.00	1.90E+01	1.8	SRCGP3	OFF_SITE
553920.00	4180520.00	2.32E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180540.00	2.54E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180560.00	2.79E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180580.00	3.08E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180620.00	3.85E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180640.00	4.36E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180660.00	5.01E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180680.00	5.83E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180720.00	8.41E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180740.00	1.05E+01	1.8	SRCGP3	OFF_SITE
553920.00	4180760.00	1.37E+01	1.8	SRCGP3	OFF_SITE
553920.00	4180780.00	1.89E+01	1.8	SRCGP3	OFF_SITE
553940.00	4180520.00	2.27E+00	1.8	SRCGP3	OFF_SITE
553940.00	4180540.00	2.47E+00	1.8	SRCGP3	OFF_SITE
553940.00	4180560.00	2.71E+00	1.8	SRCGP3	OFF_SITE
553940.00	4180580.00	3.00E+00	1.8	SRCGP3	OFF_SITE
553940.00	4180620.00	3.74E+00	1.8	SRCGP3	OFF_SITE
553940.00	4180640.00	4.24E+00	1.8	SRCGP3	OFF_SITE
553940.00	4180660.00	4.86E+00	1.8	SRCGP3	OFF_SITE
553940.00	4180680.00	5.67E+00	1.8	SRCGP3	OFF_SITE

553940.00	4180720.00	8.18E+00	1.8	SRCGP3	OFF_SITE
553940.00	4180740.00	1.02E+01	1.8	SRCGP3	OFF_SITE
553940.00	4180760.00	1.33E+01	1.8	SRCGP3	OFF_SITE
553940.00	4180780.00	1.82E+01	1.8	SRCGP3	OFF_SITE
553960.00	4180520.00	2.22E+00	1.8	SRCGP3	OFF_SITE
553960.00	4180540.00	2.42E+00	1.8	SRCGP3	OFF_SITE
553960.00	4180560.00	2.66E+00	1.8	SRCGP3	OFF_SITE
553960.00	4180580.00	2.93E+00	1.8	SRCGP3	OFF_SITE
553960.00	4180620.00	3.66E+00	1.8	SRCGP3	OFF_SITE
553960.00	4180640.00	4.15E+00	1.8	SRCGP3	OFF_SITE
553960.00	4180660.00	4.76E+00	1.8	SRCGP3	OFF_SITE
553960.00	4180680.00	5.55E+00	1.8	SRCGP3	OFF_SITE
553960.00	4180720.00	8.02E+00	1.8	SRCGP3	OFF_SITE
553960.00	4180740.00	1.00E+01	1.8	SRCGP3	OFF_SITE
553960.00	4180760.00	1.30E+01	1.8	SRCGP3	OFF_SITE
553980.00	4180520.00	2.18E+00	1.8	SRCGP3	OFF_SITE
553980.00	4180540.00	2.38E+00	1.8	SRCGP3	OFF_SITE
553980.00	4180560.00	2.61E+00	1.8	SRCGP3	OFF_SITE
553980.00	4180580.00	2.89E+00	1.8	SRCGP3	OFF_SITE
553980.00	4180620.00	3.60E+00	1.8	SRCGP3	OFF_SITE
553980.00	4180640.00	4.09E+00	1.8	SRCGP3	OFF_SITE
553980.00	4180660.00	4.70E+00	1.8	SRCGP3	OFF_SITE
553980.00	4180680.00	5.49E+00	1.8	SRCGP3	OFF_SITE
553560.00	4181180.00	5.36E+00	1.8	SRCGP3	OFF_SITE
553920.00	4180660.00	5.01E+00	1.8	SRCGP3	OFF_SITE
553700.00	4180920.00	2.16E+01	1.8	SRCGP3	OFF_SITE
553560.00	4180920.00	7.72E+00	1.8	SRCGP3	OFF_SITE
553680.00	4181060.00	1.84E+01	1.8	SRCGP3	OFF_SITE
553760.00	4181080.00	1.58E+02	1.8	SRCGP3	R_A1_BA
553780.00	4181080.00	2.60E+02	1.8	SRCGP3	R_A1_BA
553760.00	4181100.00	5.47E+01	1.8	SRCGP3	R_A1_BA
553780.00	4181100.00	8.19E+01	1.8	SRCGP3	R_A1_BA
553760.00	4181120.00	3.33E+01	1.8	SRCGP3	R_A1_BA
553780.00	4181120.00	4.39E+01	1.8	SRCGP3	R_A1_BA
553760.00	4181140.00	2.41E+01	1.8	SRCGP3	R_A1_BA
553780.00	4181140.00	2.94E+01	1.8	SRCGP3	R_A1_BA
553760.00	4181000.00	3.30E+01	1.8	SRCGP3	R_A1_BB
553780.00	4181000.00	3.72E+01	1.8	SRCGP3	R_A1_BB
553760.00	4181020.00	4.03E+01	1.8	SRCGP3	R_A1_BB
553780.00	4181020.00	4.62E+01	1.8	SRCGP3	R_A1_BB
553760.00	4181040.00	6.32E+01	1.8	SRCGP3	R_A1_BB
553780.00	4181040.00	8.03E+01	1.8	SRCGP3	R_A1_BB
553780.00	4181060.00	3.27E+02	1.8	SRCGP3	R_A1_BB
553760.00	4180900.00	1.76E+02	1.8	SRCGP3	R_A1_BC
553780.00	4180900.00	3.37E+02	1.8	SRCGP3	R_A1_BC
553760.00	4180920.00	5.84E+01	1.8	SRCGP3	R_A1_BC
553780.00	4180920.00	9.16E+01	1.8	SRCGP3	R_A1_BC

553760.00	4180940.00	3.93E+01	1.8	SRCGP3	R_A1_BC
553780.00	4180940.00	5.16E+01	1.8	SRCGP3	R_A1_BC
553760.00	4180960.00	3.28E+01	1.8	SRCGP3	R_A1_BC
553780.00	4180960.00	3.94E+01	1.8	SRCGP3	R_A1_BC
553760.00	4180820.00	2.34E+01	1.8	SRCGP3	R_A1_BD1
553780.00	4180820.00	2.53E+01	1.8	SRCGP3	R_A1_BD1
553760.00	4180840.00	3.22E+01	1.8	SRCGP3	R_A1_BD1
553780.00	4180840.00	3.61E+01	1.8	SRCGP3	R_A1_BD1
553760.00	4180860.00	5.12E+01	1.8	SRCGP3	R_A1_BD1
553780.00	4180860.00	6.34E+01	1.8	SRCGP3	R_A1_BD1
553760.00	4180880.00	1.39E+02	1.8	SRCGP3	R_A1_BD1
553800.00	4180820.00	2.75E+01	1.8	SRCGP3	R_A1_BD2
553820.00	4180820.00	2.99E+01	1.8	SRCGP3	R_A1_BD2
553840.00	4180820.00	3.26E+01	1.8	SRCGP3	R_A1_BD2
553860.00	4180820.00	3.54E+01	1.8	SRCGP3	R_A1_BD2
553880.00	4180820.00	3.85E+01	1.8	SRCGP3	R_A1_BD2
553800.00	4180840.00	4.09E+01	1.8	SRCGP3	R_A1_BD2
553820.00	4180840.00	4.59E+01	1.8	SRCGP3	R_A1_BD2
553840.00	4180840.00	5.03E+01	1.8	SRCGP3	R_A1_BD2
553860.00	4180840.00	5.45E+01	1.8	SRCGP3	R_A1_BD2
553880.00	4180840.00	5.92E+01	1.8	SRCGP3	R_A1_BD2
553800.00	4180860.00	7.61E+01	1.8	SRCGP3	R_A1_BD2
553820.00	4180860.00	8.51E+01	1.8	SRCGP3	R_A1_BD2
553840.00	4180860.00	9.13E+01	1.8	SRCGP3	R_A1_BD2
553860.00	4180860.00	9.62E+01	1.8	SRCGP3	R_A1_BD2
553880.00	4180860.00	1.01E+02	1.8	SRCGP3	R_A1_BD2
553780.00	4180880.00	2.17E+02	1.8	SRCGP3	R_A1_BD2
553800.00	4180880.00	2.38E+02	1.8	SRCGP3	R_A1_BD2
553820.00	4180880.00	2.43E+02	1.8	SRCGP3	R_A1_BD2
553840.00	4180880.00	2.43E+02	1.8	SRCGP3	R_A1_BD2
553860.00	4180880.00	2.41E+02	1.8	SRCGP3	R_A1_BD2
553820.00	4181100.00	1.25E+02	1.8	SRCGP3	R_A2_BG
553840.00	4181100.00	1.39E+02	1.8	SRCGP3	R_A2_BG
553860.00	4181100.00	1.51E+02	1.8	SRCGP3	R_A2_BG
553820.00	4181120.00	6.61E+01	1.8	SRCGP3	R_A2_BG
553840.00	4181120.00	7.50E+01	1.8	SRCGP3	R_A2_BG
553860.00	4181120.00	8.20E+01	1.8	SRCGP3	R_A2_BG
553900.00	4181100.00	1.64E+02	1.8	SRCGP3	R_A2_BK
553920.00	4181100.00	1.58E+02	1.8	SRCGP3	R_A2_BK
553900.00	4181120.00	8.98E+01	1.8	SRCGP3	R_A2_BK
553920.00	4181120.00	8.93E+01	1.8	SRCGP3	R_A2_BK
553860.00	4181140.00	5.24E+01	1.8	SRCGP3	R_A2_PK
553880.00	4181140.00	5.61E+01	1.8	SRCGP3	R_A2_PK
553900.00	4181140.00	5.84E+01	1.8	SRCGP3	R_A2_PK
553920.00	4181140.00	5.94E+01	1.8	SRCGP3	R_A2_PK
553800.00	4181160.00	2.55E+01	1.8	SRCGP3	R_A2_PK
553820.00	4181160.00	2.94E+01	1.8	SRCGP3	R_A2_PK

553840.00	4181160.00	3.32E+01	1.8	SRCGP3	R_A2_PK
553860.00	4181160.00	3.65E+01	1.8	SRCGP3	R_A2_PK
553880.00	4181160.00	3.92E+01	1.8	SRCGP3	R_A2_PK
553900.00	4181160.00	4.12E+01	1.8	SRCGP3	R_A2_PK
553920.00	4181160.00	4.25E+01	1.8	SRCGP3	R_A2_PK
553740.00	4181180.00	1.38E+01	1.8	SRCGP3	R_A2_PK
553760.00	4181180.00	1.54E+01	1.8	SRCGP3	R_A2_PK
553780.00	4181180.00	1.74E+01	1.8	SRCGP3	R_A2_PK
553800.00	4181180.00	1.97E+01	1.8	SRCGP3	R_A2_PK
553820.00	4181180.00	2.21E+01	1.8	SRCGP3	R_A2_PK
553840.00	4181180.00	2.46E+01	1.8	SRCGP3	R_A2_PK
553860.00	4181180.00	2.69E+01	1.8	SRCGP3	R_A2_PK
553880.00	4181180.00	2.89E+01	1.8	SRCGP3	R_A2_PK
553900.00	4181180.00	3.06E+01	1.8	SRCGP3	R_A2_PK
553920.00	4181180.00	3.19E+01	1.8	SRCGP3	R_A2_PK
553740.00	4181200.00	1.18E+01	1.8	SRCGP3	R_A2_PK
553760.00	4181200.00	1.30E+01	1.8	SRCGP3	R_A2_PK
553780.00	4181200.00	1.43E+01	1.8	SRCGP3	R_A2_PK
553800.00	4181200.00	1.58E+01	1.8	SRCGP3	R_A2_PK
553820.00	4181200.00	1.74E+01	1.8	SRCGP3	R_A2_PK
553840.00	4181200.00	1.91E+01	1.8	SRCGP3	R_A2_PK
553860.00	4181200.00	2.07E+01	1.8	SRCGP3	R_A2_PK
553880.00	4181200.00	2.23E+01	1.8	SRCGP3	R_A2_PK
553900.00	4181200.00	2.36E+01	1.8	SRCGP3	R_A2_PK
553920.00	4181200.00	2.47E+01	1.8	SRCGP3	R_A2_PK
553840.00	4180920.00	1.60E+02	1.8	SRCGP3	R_A3_BE
553860.00	4180920.00	1.75E+02	1.8	SRCGP3	R_A3_BE
553820.00	4180940.00	7.92E+01	1.8	SRCGP3	R_A3_BE
553840.00	4180940.00	9.14E+01	1.8	SRCGP3	R_A3_BE
553860.00	4180940.00	1.03E+02	1.8	SRCGP3	R_A3_BE
553820.00	4181040.00	1.02E+02	1.8	SRCGP3	R_A3_BF
553840.00	4181040.00	1.07E+02	1.8	SRCGP3	R_A3_BF
553860.00	4181040.00	1.11E+02	1.8	SRCGP3	R_A3_BF
553820.00	4181060.00	3.08E+02	1.8	SRCGP3	R_A3_BF
553840.00	4181060.00	2.93E+02	1.8	SRCGP3	R_A3_BF
553860.00	4181060.00	2.78E+02	1.8	SRCGP3	R_A3_BF
553800.00	4180960.00	4.75E+01	1.8	SRCGP3	R_A3_SQ
553820.00	4180960.00	5.64E+01	1.8	SRCGP3	R_A3_SQ
553840.00	4180960.00	6.59E+01	1.8	SRCGP3	R_A3_SQ
553860.00	4180960.00	7.63E+01	1.8	SRCGP3	R_A3_SQ
553800.00	4180980.00	4.13E+01	1.8	SRCGP3	R_A3_SQ
553820.00	4180980.00	4.81E+01	1.8	SRCGP3	R_A3_SQ
553840.00	4180980.00	5.59E+01	1.8	SRCGP3	R_A3_SQ
553860.00	4180980.00	6.52E+01	1.8	SRCGP3	R_A3_SQ
553800.00	4181000.00	4.23E+01	1.8	SRCGP3	R_A3_SQ
553820.00	4181000.00	4.85E+01	1.8	SRCGP3	R_A3_SQ
553840.00	4181000.00	5.55E+01	1.8	SRCGP3	R_A3_SQ

553860.00	4181000.00	6.39E+01	1.8	SRCGP3	R_A3_SQ
553800.00	4181020.00	5.33E+01	1.8	SRCGP3	R_A3_SQ
553820.00	4181020.00	6.03E+01	1.8	SRCGP3	R_A3_SQ
553840.00	4181020.00	6.70E+01	1.8	SRCGP3	R_A3_SQ
553860.00	4181020.00	7.42E+01	1.8	SRCGP3	R_A3_SQ
553900.00	4180920.00	2.12E+02	1.8	SRCGP3	R_A4_BI
553920.00	4180920.00	2.53E+02	1.8	SRCGP3	R_A4_BI
553900.00	4180940.00	1.37E+02	1.8	SRCGP3	R_A4_BI
553920.00	4180940.00	1.83E+02	1.8	SRCGP3	R_A4_BI
553900.00	4180960.00	1.10E+02	1.8	SRCGP3	R_A4_BI
553920.00	4180960.00	1.60E+02	1.8	SRCGP3	R_A4_BI
553900.00	4181000.00	9.67E+01	1.8	SRCGP3	R_A4_BJ
553920.00	4181000.00	1.51E+02	1.8	SRCGP3	R_A4_BJ
553900.00	4181020.00	1.03E+02	1.8	SRCGP3	R_A4_BJ
553920.00	4181020.00	1.59E+02	1.8	SRCGP3	R_A4_BJ
553900.00	4181040.00	1.28E+02	1.8	SRCGP3	R_A4_BJ
553920.00	4181040.00	1.78E+02	1.8	SRCGP3	R_A4_BJ
553900.00	4181060.00	2.45E+02	1.8	SRCGP3	R_A4_BJ
553920.00	4181060.00	2.43E+02	1.8	SRCGP3	R_A4_BJ
553900.00	4181000.00	9.67E+01	1.8	SRCGP3	R_A4_BJ
553920.00	4181000.00	1.51E+02	1.8	SRCGP3	R_A4_BJ
553900.00	4180980.00	9.90E+01	1.8	SRCGP3	R_A4_CL
553920.00	4180980.00	1.52E+02	1.8	SRCGP3	R_A4_CL
553940.00	4180980.00	4.82E+02	1.8	SRCGP3	R_A4_CL
553880.00	4181000.00	7.57E+01	1.8	SRCGP3	R_A4_CL
553940.00	4181000.00	5.02E+02	1.8	SRCGP3	R_A4_CL
553940.00	4181080.00	2.16E+02	1.8	SRCGP3	R_A4_CL
553880.00	4180980.00	7.78E+01	1.8	SRCGP3	R_A4_CL
553600.00	4181380.00	3.62E+00	1.8	SRCGP3	R_ATT
553600.00	4181400.00	3.42E+00	1.8	SRCGP3	R_ATT
553620.00	4181340.00	4.26E+00	1.8	SRCGP3	R_ATT
553620.00	4181360.00	4.01E+00	1.8	SRCGP3	R_ATT
553620.00	4181380.00	3.77E+00	1.8	SRCGP3	R_ATT
553620.00	4181400.00	3.55E+00	1.8	SRCGP3	R_ATT
553620.00	4181420.00	3.34E+00	1.8	SRCGP3	R_ATT
553640.00	4181340.00	4.47E+00	1.8	SRCGP3	R_ATT
553640.00	4181320.00	4.78E+00	1.8	SRCGP3	R_ATT
553640.00	4181360.00	4.18E+00	1.8	SRCGP3	R_ATT
553640.00	4181380.00	3.91E+00	1.8	SRCGP3	R_ATT
553640.00	4181400.00	3.67E+00	1.8	SRCGP3	R_ATT
553640.00	4181420.00	3.44E+00	1.8	SRCGP3	R_ATT
553640.00	4181440.00	3.23E+00	1.8	SRCGP3	R_ATT
553660.00	4181320.00	5.02E+00	1.8	SRCGP3	R_ATT
553660.00	4181340.00	4.67E+00	1.8	SRCGP3	R_ATT
553660.00	4181360.00	4.35E+00	1.8	SRCGP3	R_ATT
553660.00	4181380.00	4.05E+00	1.8	SRCGP3	R_ATT
553660.00	4181400.00	3.78E+00	1.8	SRCGP3	R_ATT

553660.00	4181420.00	3.53E+00	1.8	SRCGP3	R_ATT
553660.00	4181440.00	3.31E+00	1.8	SRCGP3	R_ATT
553660.00	4181460.00	3.10E+00	1.8	SRCGP3	R_ATT
553680.00	4181360.00	4.51E+00	1.8	SRCGP3	R_ATT
553680.00	4181380.00	4.18E+00	1.8	SRCGP3	R_ATT
553680.00	4181400.00	3.89E+00	1.8	SRCGP3	R_ATT
553680.00	4181420.00	3.62E+00	1.8	SRCGP3	R_ATT
553680.00	4181440.00	3.38E+00	1.8	SRCGP3	R_ATT
553680.00	4181460.00	3.16E+00	1.8	SRCGP3	R_ATT
553680.00	4181480.00	2.97E+00	1.8	SRCGP3	R_ATT
553680.00	4181340.00	4.87E+00	1.8	SRCGP3	R_ATT
553680.00	4181320.00	5.27E+00	1.8	SRCGP3	R_ATT
553700.00	4181360.00	4.66E+00	1.8	SRCGP3	R_ATT
553700.00	4181380.00	4.30E+00	1.8	SRCGP3	R_ATT
553700.00	4181400.00	3.99E+00	1.8	SRCGP3	R_ATT
553700.00	4181420.00	3.70E+00	1.8	SRCGP3	R_ATT
553700.00	4181440.00	3.45E+00	1.8	SRCGP3	R_ATT
553700.00	4181460.00	3.22E+00	1.8	SRCGP3	R_ATT
553700.00	4181480.00	3.01E+00	1.8	SRCGP3	R_ATT
553700.00	4181500.00	2.83E+00	1.8	SRCGP3	R_ATT
553700.00	4181340.00	5.06E+00	1.8	SRCGP3	R_ATT
553700.00	4181320.00	5.50E+00	1.8	SRCGP3	R_ATT
553720.00	4181360.00	4.80E+00	1.8	SRCGP3	R_ATT
553720.00	4181380.00	4.42E+00	1.8	SRCGP3	R_ATT
553720.00	4181400.00	4.08E+00	1.8	SRCGP3	R_ATT
553720.00	4181420.00	3.78E+00	1.8	SRCGP3	R_ATT
553720.00	4181440.00	3.51E+00	1.8	SRCGP3	R_ATT
553720.00	4181460.00	3.27E+00	1.8	SRCGP3	R_ATT
553720.00	4181480.00	3.06E+00	1.8	SRCGP3	R_ATT
553720.00	4181500.00	2.87E+00	1.8	SRCGP3	R_ATT
553720.00	4181520.00	2.69E+00	1.8	SRCGP3	R_ATT
553720.00	4181340.00	5.23E+00	1.8	SRCGP3	R_ATT
553720.00	4181320.00	5.72E+00	1.8	SRCGP3	R_ATT
553740.00	4181360.00	4.93E+00	1.8	SRCGP3	R_ATT
553740.00	4181380.00	4.52E+00	1.8	SRCGP3	R_ATT
553740.00	4181400.00	4.16E+00	1.8	SRCGP3	R_ATT
553740.00	4181420.00	3.85E+00	1.8	SRCGP3	R_ATT
553740.00	4181440.00	3.57E+00	1.8	SRCGP3	R_ATT
553740.00	4181460.00	3.32E+00	1.8	SRCGP3	R_ATT
553740.00	4181480.00	3.10E+00	1.8	SRCGP3	R_ATT
553740.00	4181500.00	2.90E+00	1.8	SRCGP3	R_ATT
553740.00	4181520.00	2.72E+00	1.8	SRCGP3	R_ATT
553740.00	4181340.00	5.39E+00	1.8	SRCGP3	R_ATT
553740.00	4181320.00	5.93E+00	1.8	SRCGP3	R_ATT
553760.00	4181360.00	5.05E+00	1.8	SRCGP3	R_ATT
553760.00	4181380.00	4.62E+00	1.8	SRCGP3	R_ATT
553760.00	4181400.00	4.24E+00	1.8	SRCGP3	R_ATT

553760.00	4181420.00	3.91E+00	1.8	SRCGP3	R_ATT
553760.00	4181440.00	3.63E+00	1.8	SRCGP3	R_ATT
553760.00	4181460.00	3.37E+00	1.8	SRCGP3	R_ATT
553760.00	4181480.00	3.14E+00	1.8	SRCGP3	R_ATT
553760.00	4181500.00	2.94E+00	1.8	SRCGP3	R_ATT
553760.00	4181520.00	2.75E+00	1.8	SRCGP3	R_ATT
553760.00	4181340.00	5.55E+00	1.8	SRCGP3	R_ATT
553760.00	4181320.00	6.13E+00	1.8	SRCGP3	R_ATT
553780.00	4181360.00	5.17E+00	1.8	SRCGP3	R_ATT
553780.00	4181380.00	4.72E+00	1.8	SRCGP3	R_ATT
553780.00	4181400.00	4.33E+00	1.8	SRCGP3	R_ATT
553780.00	4181420.00	3.98E+00	1.8	SRCGP3	R_ATT
553780.00	4181440.00	3.68E+00	1.8	SRCGP3	R_ATT
553780.00	4181460.00	3.42E+00	1.8	SRCGP3	R_ATT
553780.00	4181480.00	3.18E+00	1.8	SRCGP3	R_ATT
553780.00	4181500.00	2.97E+00	1.8	SRCGP3	R_ATT
553780.00	4181520.00	2.78E+00	1.8	SRCGP3	R_ATT
553780.00	4181340.00	5.70E+00	1.8	SRCGP3	R_ATT
553800.00	4181360.00	5.31E+00	1.8	SRCGP3	R_ATT
553800.00	4181380.00	4.83E+00	1.8	SRCGP3	R_ATT
553800.00	4181400.00	4.42E+00	1.8	SRCGP3	R_ATT
553800.00	4181420.00	4.06E+00	1.8	SRCGP3	R_ATT
553800.00	4181440.00	3.74E+00	1.8	SRCGP3	R_ATT
553800.00	4181460.00	3.47E+00	1.8	SRCGP3	R_ATT
553800.00	4181480.00	3.22E+00	1.8	SRCGP3	R_ATT
553800.00	4181500.00	3.01E+00	1.8	SRCGP3	R_ATT
553800.00	4181520.00	2.81E+00	1.8	SRCGP3	R_ATT
553820.00	4181360.00	5.46E+00	1.8	SRCGP3	R_ATT
553820.00	4181380.00	4.95E+00	1.8	SRCGP3	R_ATT
553820.00	4181400.00	4.51E+00	1.8	SRCGP3	R_ATT
553820.00	4181420.00	4.14E+00	1.8	SRCGP3	R_ATT
553820.00	4181440.00	3.81E+00	1.8	SRCGP3	R_ATT
553820.00	4181460.00	3.53E+00	1.8	SRCGP3	R_ATT
553820.00	4181480.00	3.27E+00	1.8	SRCGP3	R_ATT
553820.00	4181500.00	3.05E+00	1.8	SRCGP3	R_ATT
553820.00	4181520.00	2.85E+00	1.8	SRCGP3	R_ATT
553840.00	4181360.00	5.62E+00	1.8	SRCGP3	R_ATT
553840.00	4181380.00	5.08E+00	1.8	SRCGP3	R_ATT
553840.00	4181400.00	4.62E+00	1.8	SRCGP3	R_ATT
553840.00	4181420.00	4.23E+00	1.8	SRCGP3	R_ATT
553840.00	4181440.00	3.89E+00	1.8	SRCGP3	R_ATT
553840.00	4181460.00	3.59E+00	1.8	SRCGP3	R_ATT
553840.00	4181480.00	3.32E+00	1.8	SRCGP3	R_ATT
553840.00	4181500.00	3.09E+00	1.8	SRCGP3	R_ATT
553840.00	4181520.00	2.88E+00	1.8	SRCGP3	R_ATT
553920.00	4180820.00	4.74E+01	1.8	SRCGP3	R_B4_BH
553940.00	4180820.00	4.79E+01	1.8	SRCGP3	R_B4_BH

553920.00	4180840.00	8.63E+01	1.8	SRCGP3	R_B4_BH
553940.00	4180840.00	1.88E+02	1.8	SRCGP3	R_B4_BH
553900.00	4180860.00	1.09E+02	1.8	SRCGP3	R_B4_BH
553920.00	4180860.00	1.36E+02	1.8	SRCGP3	R_B4_BH
553940.00	4180860.00	3.07E+02	1.8	SRCGP3	R_B4_BH
553900.00	4180880.00	2.40E+02	1.8	SRCGP3	R_B4_BH
553920.00	4180880.00	2.53E+02	1.8	SRCGP3	R_B4_BH
553960.00	4181040.00	2.82E+02	1.8	SRCGP3	R_PIER48
553980.00	4181040.00	1.67E+02	1.8	SRCGP3	R_PIER48
554000.00	4181040.00	1.21E+02	1.8	SRCGP3	R_PIER48
553960.00	4181060.00	2.52E+02	1.8	SRCGP3	R_PIER48
553980.00	4181060.00	1.51E+02	1.8	SRCGP3	R_PIER48
554000.00	4181060.00	1.11E+02	1.8	SRCGP3	R_PIER48
554020.00	4181060.00	8.89E+01	1.8	SRCGP3	R_PIER48
554040.00	4181060.00	7.42E+01	1.8	SRCGP3	R_PIER48
554060.00	4181060.00	6.36E+01	1.8	SRCGP3	R_PIER48
554080.00	4181060.00	5.54E+01	1.8	SRCGP3	R_PIER48
554100.00	4181060.00	4.89E+01	1.8	SRCGP3	R_PIER48
554120.00	4181060.00	4.36E+01	1.8	SRCGP3	R_PIER48
554140.00	4181060.00	3.91E+01	1.8	SRCGP3	R_PIER48
554160.00	4181060.00	3.53E+01	1.8	SRCGP3	R_PIER48
553960.00	4181080.00	1.67E+02	1.8	SRCGP3	R_PIER48
553980.00	4181080.00	1.22E+02	1.8	SRCGP3	R_PIER48
554000.00	4181080.00	9.59E+01	1.8	SRCGP3	R_PIER48
554020.00	4181080.00	7.90E+01	1.8	SRCGP3	R_PIER48
554040.00	4181080.00	6.72E+01	1.8	SRCGP3	R_PIER48
554060.00	4181080.00	5.84E+01	1.8	SRCGP3	R_PIER48
554080.00	4181080.00	5.15E+01	1.8	SRCGP3	R_PIER48
554100.00	4181080.00	4.58E+01	1.8	SRCGP3	R_PIER48
554120.00	4181080.00	4.11E+01	1.8	SRCGP3	R_PIER48
554140.00	4181080.00	3.71E+01	1.8	SRCGP3	R_PIER48
554160.00	4181080.00	3.37E+01	1.8	SRCGP3	R_PIER48
553960.00	4181100.00	1.09E+02	1.8	SRCGP3	R_PIER48
553980.00	4181100.00	9.26E+01	1.8	SRCGP3	R_PIER48
554000.00	4181100.00	7.87E+01	1.8	SRCGP3	R_PIER48
554020.00	4181100.00	6.78E+01	1.8	SRCGP3	R_PIER48
554040.00	4181100.00	5.93E+01	1.8	SRCGP3	R_PIER48
554060.00	4181100.00	5.25E+01	1.8	SRCGP3	R_PIER48
554080.00	4181100.00	4.69E+01	1.8	SRCGP3	R_PIER48
554100.00	4181100.00	4.22E+01	1.8	SRCGP3	R_PIER48
554120.00	4181100.00	3.82E+01	1.8	SRCGP3	R_PIER48
554140.00	4181100.00	3.48E+01	1.8	SRCGP3	R_PIER48
554160.00	4181100.00	3.18E+01	1.8	SRCGP3	R_PIER48
553960.00	4181120.00	7.72E+01	1.8	SRCGP3	R_PIER48
553980.00	4181120.00	7.01E+01	1.8	SRCGP3	R_PIER48
554000.00	4181120.00	6.31E+01	1.8	SRCGP3	R_PIER48
554020.00	4181120.00	5.67E+01	1.8	SRCGP3	R_PIER48



554040.00	4181120.00	5.11E+01	1.8	SRCGP3	R_PIER48
554060.00	4181120.00	4.63E+01	1.8	SRCGP3	R_PIER48
554080.00	4181120.00	4.21E+01	1.8	SRCGP3	R_PIER48
554100.00	4181120.00	3.84E+01	1.8	SRCGP3	R_PIER48
554120.00	4181120.00	3.51E+01	1.8	SRCGP3	R_PIER48
554140.00	4181120.00	3.23E+01	1.8	SRCGP3	R_PIER48
553940.00	4181140.00	5.87E+01	1.8	SRCGP3	R_PIER48
553960.00	4181140.00	5.66E+01	1.8	SRCGP3	R_PIER48
553980.00	4181140.00	5.37E+01	1.8	SRCGP3	R_PIER48
554000.00	4181140.00	5.04E+01	1.8	SRCGP3	R_PIER48
554020.00	4181140.00	4.69E+01	1.8	SRCGP3	R_PIER48
554040.00	4181140.00	4.35E+01	1.8	SRCGP3	R_PIER48
554060.00	4181140.00	4.02E+01	1.8	SRCGP3	R_PIER48
554080.00	4181140.00	3.72E+01	1.8	SRCGP3	R_PIER48
554100.00	4181140.00	3.45E+01	1.8	SRCGP3	R_PIER48
554120.00	4181140.00	3.20E+01	1.8	SRCGP3	R_PIER48
554140.00	4181140.00	2.97E+01	1.8	SRCGP3	R_PIER48
554040.00	4181160.00	3.68E+01	1.8	SRCGP3	R_PIER48
554060.00	4181160.00	3.47E+01	1.8	SRCGP3	R_PIER48
554080.00	4181160.00	3.27E+01	1.8	SRCGP3	R_PIER48
554100.00	4181160.00	3.07E+01	1.8	SRCGP3	R_PIER48
554120.00	4181160.00	2.88E+01	1.8	SRCGP3	R_PIER48
554140.00	4181160.00	2.70E+01	1.8	SRCGP3	R_PIER48
553980.00	4180780.00	1.80E+01	1.8	SRCGP3	R_PIER50
553980.00	4180800.00	2.75E+01	1.8	SRCGP3	R_PIER50
553980.00	4180820.00	4.94E+01	1.8	SRCGP3	R_PIER50
553980.00	4180840.00	9.49E+01	1.8	SRCGP3	R_PIER50
553980.00	4180860.00	1.48E+02	1.8	SRCGP3	R_PIER50
553980.00	4180880.00	1.85E+02	1.8	SRCGP3	R_PIER50
553980.00	4180900.00	2.05E+02	1.8	SRCGP3	R_PIER50
553980.00	4180920.00	2.06E+02	1.8	SRCGP3	R_PIER50
553980.00	4180940.00	1.98E+02	1.8	SRCGP3	R_PIER50
553980.00	4180960.00	1.88E+02	1.8	SRCGP3	R_PIER50
554000.00	4180720.00	8.03E+00	1.8	SRCGP3	R_PIER50
554000.00	4180740.00	1.01E+01	1.8	SRCGP3	R_PIER50
554000.00	4180760.00	1.33E+01	1.8	SRCGP3	R_PIER50
554000.00	4180780.00	1.86E+01	1.8	SRCGP3	R_PIER50
554000.00	4180800.00	2.78E+01	1.8	SRCGP3	R_PIER50
554000.00	4180820.00	4.40E+01	1.8	SRCGP3	R_PIER50
554000.00	4180840.00	6.86E+01	1.8	SRCGP3	R_PIER50
554000.00	4180860.00	9.68E+01	1.8	SRCGP3	R_PIER50
554000.00	4180880.00	1.20E+02	1.8	SRCGP3	R_PIER50
554000.00	4180900.00	1.35E+02	1.8	SRCGP3	R_PIER50
554000.00	4180920.00	1.41E+02	1.8	SRCGP3	R_PIER50
554000.00	4180940.00	1.40E+02	1.8	SRCGP3	R_PIER50
554000.00	4180960.00	1.36E+02	1.8	SRCGP3	R_PIER50
554020.00	4180840.00	5.47E+01	1.8	SRCGP3	R_PIER50

554020.00	4180860.00	7.22E+01	1.8	SRCGP3	R_PIER50
554020.00	4180880.00	8.79E+01	1.8	SRCGP3	R_PIER50
554020.00	4180900.00	9.91E+01	1.8	SRCGP3	R_PIER50
554020.00	4180920.00	1.05E+02	1.8	SRCGP3	R_PIER50
554020.00	4180940.00	1.07E+02	1.8	SRCGP3	R_PIER50
554020.00	4180960.00	1.07E+02	1.8	SRCGP3	R_PIER50
554040.00	4180840.00	4.57E+01	1.8	SRCGP3	R_PIER50
554040.00	4180860.00	5.77E+01	1.8	SRCGP3	R_PIER50
554040.00	4180880.00	6.88E+01	1.8	SRCGP3	R_PIER50
554040.00	4180900.00	7.74E+01	1.8	SRCGP3	R_PIER50
554040.00	4180920.00	8.31E+01	1.8	SRCGP3	R_PIER50
554040.00	4180940.00	8.61E+01	1.8	SRCGP3	R_PIER50
554040.00	4180960.00	8.70E+01	1.8	SRCGP3	R_PIER50
554060.00	4180840.00	3.93E+01	1.8	SRCGP3	R_PIER50
554060.00	4180860.00	4.81E+01	1.8	SRCGP3	R_PIER50
554060.00	4180880.00	5.63E+01	1.8	SRCGP3	R_PIER50
554060.00	4180900.00	6.31E+01	1.8	SRCGP3	R_PIER50
554060.00	4180920.00	6.80E+01	1.8	SRCGP3	R_PIER50
554060.00	4180940.00	7.11E+01	1.8	SRCGP3	R_PIER50
554060.00	4180960.00	7.27E+01	1.8	SRCGP3	R_PIER50
554080.00	4180840.00	3.45E+01	1.8	SRCGP3	R_PIER50
554080.00	4180860.00	4.12E+01	1.8	SRCGP3	R_PIER50
554080.00	4180880.00	4.75E+01	1.8	SRCGP3	R_PIER50
554080.00	4180900.00	5.29E+01	1.8	SRCGP3	R_PIER50
554080.00	4180920.00	5.72E+01	1.8	SRCGP3	R_PIER50
554080.00	4180940.00	6.01E+01	1.8	SRCGP3	R_PIER50
554080.00	4180960.00	6.18E+01	1.8	SRCGP3	R_PIER50
554100.00	4180840.00	3.07E+01	1.8	SRCGP3	R_PIER50
554100.00	4180860.00	3.60E+01	1.8	SRCGP3	R_PIER50
554100.00	4180880.00	4.10E+01	1.8	SRCGP3	R_PIER50
554100.00	4180900.00	4.54E+01	1.8	SRCGP3	R_PIER50
554100.00	4180920.00	4.90E+01	1.8	SRCGP3	R_PIER50
554100.00	4180940.00	5.17E+01	1.8	SRCGP3	R_PIER50
554100.00	4180960.00	5.34E+01	1.8	SRCGP3	R_PIER50
554120.00	4180840.00	2.76E+01	1.8	SRCGP3	R_PIER50
554120.00	4180860.00	3.19E+01	1.8	SRCGP3	R_PIER50
554120.00	4180880.00	3.59E+01	1.8	SRCGP3	R_PIER50
554120.00	4180900.00	3.96E+01	1.8	SRCGP3	R_PIER50
554120.00	4180920.00	4.26E+01	1.8	SRCGP3	R_PIER50
554120.00	4180940.00	4.50E+01	1.8	SRCGP3	R_PIER50
554120.00	4180960.00	4.66E+01	1.8	SRCGP3	R_PIER50
554140.00	4180840.00	2.51E+01	1.8	SRCGP3	R_PIER50
554140.00	4180860.00	2.86E+01	1.8	SRCGP3	R_PIER50
554140.00	4180880.00	3.19E+01	1.8	SRCGP3	R_PIER50
554140.00	4180900.00	3.50E+01	1.8	SRCGP3	R_PIER50
554140.00	4180920.00	3.76E+01	1.8	SRCGP3	R_PIER50
554140.00	4180940.00	3.96E+01	1.8	SRCGP3	R_PIER50

554140.00	4180960.00	4.11E+01	1.8	SRCGP3	R_PIER50
554160.00	4180840.00	2.29E+01	1.8	SRCGP3	R_PIER50
554160.00	4180860.00	2.59E+01	1.8	SRCGP3	R_PIER50
554160.00	4180880.00	2.87E+01	1.8	SRCGP3	R_PIER50
554160.00	4180900.00	3.13E+01	1.8	SRCGP3	R_PIER50
554160.00	4180920.00	3.35E+01	1.8	SRCGP3	R_PIER50
554160.00	4180940.00	3.53E+01	1.8	SRCGP3	R_PIER50
554160.00	4180960.00	3.66E+01	1.8	SRCGP3	R_PIER50
554180.00	4180840.00	2.11E+01	1.8	SRCGP3	R_PIER50
554180.00	4180860.00	2.36E+01	1.8	SRCGP3	R_PIER50
554180.00	4180880.00	2.60E+01	1.8	SRCGP3	R_PIER50
554180.00	4180900.00	2.82E+01	1.8	SRCGP3	R_PIER50
554180.00	4180920.00	3.01E+01	1.8	SRCGP3	R_PIER50
554180.00	4180940.00	3.16E+01	1.8	SRCGP3	R_PIER50
554180.00	4180960.00	3.28E+01	1.8	SRCGP3	R_PIER50
554200.00	4180840.00	1.95E+01	1.8	SRCGP3	R_PIER50
554200.00	4180860.00	2.17E+01	1.8	SRCGP3	R_PIER50
554200.00	4180880.00	2.37E+01	1.8	SRCGP3	R_PIER50
554200.00	4180900.00	2.56E+01	1.8	SRCGP3	R_PIER50
554200.00	4180920.00	2.72E+01	1.8	SRCGP3	R_PIER50
554200.00	4180940.00	2.86E+01	1.8	SRCGP3	R_PIER50
554200.00	4180960.00	2.96E+01	1.8	SRCGP3	R_PIER50
554220.00	4180840.00	1.81E+01	1.8	SRCGP3	R_PIER50
554220.00	4180860.00	2.00E+01	1.8	SRCGP3	R_PIER50
554220.00	4180880.00	2.18E+01	1.8	SRCGP3	R_PIER50
554220.00	4180900.00	2.34E+01	1.8	SRCGP3	R_PIER50
554220.00	4180920.00	2.48E+01	1.8	SRCGP3	R_PIER50
554220.00	4180940.00	2.60E+01	1.8	SRCGP3	R_PIER50
554220.00	4180960.00	2.69E+01	1.8	SRCGP3	R_PIER50
554240.00	4180820.00	1.52E+01	1.8	SRCGP3	R_PIER50
554240.00	4180840.00	1.69E+01	1.8	SRCGP3	R_PIER50
554240.00	4180860.00	1.85E+01	1.8	SRCGP3	R_PIER50
554240.00	4180880.00	2.01E+01	1.8	SRCGP3	R_PIER50
554240.00	4180900.00	2.15E+01	1.8	SRCGP3	R_PIER50
554240.00	4180920.00	2.27E+01	1.8	SRCGP3	R_PIER50
554240.00	4180940.00	2.37E+01	1.8	SRCGP3	R_PIER50
554240.00	4180960.00	2.45E+01	1.8	SRCGP3	R_PIER50
554260.00	4180820.00	1.44E+01	1.8	SRCGP3	R_PIER50
554260.00	4180840.00	1.58E+01	1.8	SRCGP3	R_PIER50
554260.00	4180860.00	1.72E+01	1.8	SRCGP3	R_PIER50
554260.00	4180880.00	1.86E+01	1.8	SRCGP3	R_PIER50
554260.00	4180900.00	1.98E+01	1.8	SRCGP3	R_PIER50
554260.00	4180920.00	2.09E+01	1.8	SRCGP3	R_PIER50
554260.00	4180940.00	2.18E+01	1.8	SRCGP3	R_PIER50
554260.00	4180960.00	2.25E+01	1.8	SRCGP3	R_PIER50
554280.00	4180800.00	1.23E+01	1.8	SRCGP3	R_PIER50
554280.00	4180820.00	1.36E+01	1.8	SRCGP3	R_PIER50

554280.00	4180840.00	1.48E+01	1.8	SRCGP3	R_PIER50
554280.00	4180860.00	1.61E+01	1.8	SRCGP3	R_PIER50
554280.00	4180880.00	1.73E+01	1.8	SRCGP3	R_PIER50
554280.00	4180900.00	1.84E+01	1.8	SRCGP3	R_PIER50
554280.00	4180920.00	1.93E+01	1.8	SRCGP3	R_PIER50
554280.00	4180940.00	2.01E+01	1.8	SRCGP3	R_PIER50
554280.00	4180960.00	2.07E+01	1.8	SRCGP3	R_PIER50
554300.00	4180780.00	1.05E+01	1.8	SRCGP3	R_PIER50
554300.00	4180800.00	1.17E+01	1.8	SRCGP3	R_PIER50
554300.00	4180820.00	1.28E+01	1.8	SRCGP3	R_PIER50
554300.00	4180840.00	1.40E+01	1.8	SRCGP3	R_PIER50
554300.00	4180860.00	1.51E+01	1.8	SRCGP3	R_PIER50
554300.00	4180880.00	1.61E+01	1.8	SRCGP3	R_PIER50
554300.00	4180900.00	1.71E+01	1.8	SRCGP3	R_PIER50
554300.00	4180920.00	1.79E+01	1.8	SRCGP3	R_PIER50
554300.00	4180940.00	1.86E+01	1.8	SRCGP3	R_PIER50
554300.00	4180960.00	1.92E+01	1.8	SRCGP3	R_PIER50
554320.00	4180780.00	1.01E+01	1.8	SRCGP3	R_PIER50
554320.00	4180800.00	1.11E+01	1.8	SRCGP3	R_PIER50
554320.00	4180820.00	1.21E+01	1.8	SRCGP3	R_PIER50
554320.00	4180840.00	1.32E+01	1.8	SRCGP3	R_PIER50
554320.00	4180860.00	1.42E+01	1.8	SRCGP3	R_PIER50
554320.00	4180880.00	1.51E+01	1.8	SRCGP3	R_PIER50
554320.00	4180900.00	1.59E+01	1.8	SRCGP3	R_PIER50
554320.00	4180920.00	1.67E+01	1.8	SRCGP3	R_PIER50
554320.00	4180940.00	1.73E+01	1.8	SRCGP3	R_PIER50
554320.00	4180960.00	1.78E+01	1.8	SRCGP3	R_PIER50
554340.00	4180760.00	8.77E+00	1.8	SRCGP3	R_PIER50
554340.00	4180780.00	9.68E+00	1.8	SRCGP3	R_PIER50
554340.00	4180800.00	1.06E+01	1.8	SRCGP3	R_PIER50
554340.00	4180820.00	1.15E+01	1.8	SRCGP3	R_PIER50
554340.00	4180840.00	1.24E+01	1.8	SRCGP3	R_PIER50
554340.00	4180860.00	1.33E+01	1.8	SRCGP3	R_PIER50
554340.00	4180880.00	1.42E+01	1.8	SRCGP3	R_PIER50
554340.00	4180900.00	1.49E+01	1.8	SRCGP3	R_PIER50
554340.00	4180920.00	1.56E+01	1.8	SRCGP3	R_PIER50
554340.00	4180940.00	1.61E+01	1.8	SRCGP3	R_PIER50
554340.00	4180960.00	1.66E+01	1.8	SRCGP3	R_PIER50
554360.00	4180760.00	8.46E+00	1.8	SRCGP3	R_PIER50
554360.00	4180780.00	9.28E+00	1.8	SRCGP3	R_PIER50
554360.00	4180800.00	1.01E+01	1.8	SRCGP3	R_PIER50
554360.00	4180820.00	1.10E+01	1.8	SRCGP3	R_PIER50
554360.00	4180840.00	1.18E+01	1.8	SRCGP3	R_PIER50
554360.00	4180860.00	1.26E+01	1.8	SRCGP3	R_PIER50
554360.00	4180880.00	1.33E+01	1.8	SRCGP3	R_PIER50
554360.00	4180900.00	1.40E+01	1.8	SRCGP3	R_PIER50
554360.00	4180920.00	1.46E+01	1.8	SRCGP3	R_PIER50

554360.00	4180940.00	1.51E+01	1.8	SRCGP3	R_PIER50
554360.00	4180960.00	1.55E+01	1.8	SRCGP3	R_PIER50
554380.00	4180740.00	7.43E+00	1.8	SRCGP3	R_PIER50
554380.00	4180760.00	8.16E+00	1.8	SRCGP3	R_PIER50
554380.00	4180780.00	8.91E+00	1.8	SRCGP3	R_PIER50
554380.00	4180800.00	9.68E+00	1.8	SRCGP3	R_PIER50
554380.00	4180820.00	1.04E+01	1.8	SRCGP3	R_PIER50
554380.00	4180840.00	1.12E+01	1.8	SRCGP3	R_PIER50
554380.00	4180860.00	1.19E+01	1.8	SRCGP3	R_PIER50
554380.00	4180880.00	1.26E+01	1.8	SRCGP3	R_PIER50
554380.00	4180900.00	1.32E+01	1.8	SRCGP3	R_PIER50
554380.00	4180920.00	1.37E+01	1.8	SRCGP3	R_PIER50
554380.00	4180940.00	1.41E+01	1.8	SRCGP3	R_PIER50
554380.00	4180960.00	1.45E+01	1.8	SRCGP3	R_PIER50
554400.00	4180740.00	7.20E+00	1.8	SRCGP3	R_PIER50
554400.00	4180760.00	7.88E+00	1.8	SRCGP3	R_PIER50
554400.00	4180780.00	8.57E+00	1.8	SRCGP3	R_PIER50
554400.00	4180800.00	9.26E+00	1.8	SRCGP3	R_PIER50
554400.00	4180820.00	9.95E+00	1.8	SRCGP3	R_PIER50
554400.00	4180840.00	1.06E+01	1.8	SRCGP3	R_PIER50
554400.00	4180860.00	1.13E+01	1.8	SRCGP3	R_PIER50
554400.00	4180880.00	1.19E+01	1.8	SRCGP3	R_PIER50
554400.00	4180900.00	1.24E+01	1.8	SRCGP3	R_PIER50
554400.00	4180920.00	1.29E+01	1.8	SRCGP3	R_PIER50
554400.00	4180940.00	1.33E+01	1.8	SRCGP3	R_PIER50
554400.00	4180960.00	1.36E+01	1.8	SRCGP3	R_PIER50
554420.00	4180720.00	6.38E+00	1.8	SRCGP3	R_PIER50
554420.00	4180740.00	6.98E+00	1.8	SRCGP3	R_PIER50
554420.00	4180760.00	7.60E+00	1.8	SRCGP3	R_PIER50
554420.00	4180780.00	8.24E+00	1.8	SRCGP3	R_PIER50
554420.00	4180800.00	8.87E+00	1.8	SRCGP3	R_PIER50
554420.00	4180820.00	9.50E+00	1.8	SRCGP3	R_PIER50
554420.00	4180840.00	1.01E+01	1.8	SRCGP3	R_PIER50
554420.00	4180860.00	1.07E+01	1.8	SRCGP3	R_PIER50
554420.00	4180880.00	1.12E+01	1.8	SRCGP3	R_PIER50
554420.00	4180900.00	1.17E+01	1.8	SRCGP3	R_PIER50
554420.00	4180920.00	1.21E+01	1.8	SRCGP3	R_PIER50
554420.00	4180940.00	1.25E+01	1.8	SRCGP3	R_PIER50
554420.00	4180960.00	1.28E+01	1.8	SRCGP3	R_PIER50
554440.00	4180720.00	6.21E+00	1.8	SRCGP3	R_PIER50
554440.00	4180740.00	6.77E+00	1.8	SRCGP3	R_PIER50
554440.00	4180760.00	7.34E+00	1.8	SRCGP3	R_PIER50
554440.00	4180780.00	7.93E+00	1.8	SRCGP3	R_PIER50
554440.00	4180800.00	8.51E+00	1.8	SRCGP3	R_PIER50
554440.00	4180820.00	9.08E+00	1.8	SRCGP3	R_PIER50
554440.00	4180840.00	9.64E+00	1.8	SRCGP3	R_PIER50
554440.00	4180860.00	1.02E+01	1.8	SRCGP3	R_PIER50

554440.00	4180880.00	1.06E+01	1.8	SRCGP3	R_PIER50
554440.00	4180900.00	1.11E+01	1.8	SRCGP3	R_PIER50
554440.00	4180920.00	1.15E+01	1.8	SRCGP3	R_PIER50
554440.00	4180940.00	1.18E+01	1.8	SRCGP3	R_PIER50
554440.00	4180960.00	1.21E+01	1.8	SRCGP3	R_PIER50
553680.00	4180480.00	2.43E+00	1.8	SRCGP3	Sensitive
553360.00	4181000.00	3.10E+00	1.8	SRCGP3	Sensitive
553160.00	4180800.00	1.85E+00	1.8	SRCGP3	Sensitive
552940.00	4180980.00	1.09E+00	1.8	SRCGP3	Sensitive
553440.00	4180240.00	1.13E+00	1.8	SRCGP3	Sensitive
553920.00	4180800.00	2.81E+01	1.8	SRCGP3	Sensitive
553400.00	4180440.00	1.71E+00	1.8	SRCGP3	Sensitive
553920.00	4180000.00	5.70E-01	1.8	SRCGP3	Sensitive
553560.00	4180360.00	1.60E+00	1.8	SRCGP3	Sensitive
553360.00	4180340.00	1.30E+00	1.8	SRCGP3	Sensitive
553160.00	4181180.00	1.56E+00	1.8	SRCGP3	Sensitive

**Annual Average Concentration at Each Receptor Location: Mission Rock Operation Scenario - Source Group**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	2.27E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180540.00	2.39E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180560.00	2.53E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180580.00	2.66E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180600.00	2.81E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180620.00	2.95E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180640.00	3.10E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180660.00	3.26E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180720.00	3.70E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180740.00	3.83E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180760.00	3.95E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180780.00	4.07E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180800.00	4.17E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180840.00	4.34E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180860.00	4.41E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180880.00	4.46E+00	1.8	SRCGP4	OFF_SITE
553440.00	4180900.00	4.49E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181020.00	4.33E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181040.00	4.25E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181060.00	4.15E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181080.00	4.05E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181160.00	3.59E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181180.00	3.46E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181200.00	3.34E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181220.00	3.21E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181240.00	3.09E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181260.00	2.96E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181300.00	2.74E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181320.00	2.63E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181340.00	2.54E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181360.00	2.44E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181380.00	2.36E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181400.00	2.27E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181420.00	2.19E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181440.00	2.12E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181460.00	2.04E+00	1.8	SRCGP4	OFF_SITE
553440.00	4181480.00	1.97E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180520.00	2.33E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180540.00	2.46E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180560.00	2.60E+00	1.8	SRCGP4	OFF_SITE

553460.00	4180580.00	2.75E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180600.00	2.91E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180620.00	3.07E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180640.00	3.24E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180660.00	3.41E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180700.00	3.75E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180740.00	4.07E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180760.00	4.22E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180780.00	4.36E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180800.00	4.48E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180820.00	4.59E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180860.00	4.77E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180880.00	4.83E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180900.00	4.87E+00	1.8	SRCGP4	OFF_SITE
553460.00	4180920.00	4.90E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181040.00	4.61E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181060.00	4.50E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181120.00	4.12E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181140.00	3.99E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181180.00	3.71E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181200.00	3.56E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181220.00	3.42E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181240.00	3.27E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181260.00	3.14E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181280.00	3.01E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181320.00	2.77E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181340.00	2.66E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181360.00	2.56E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181380.00	2.47E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181400.00	2.37E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181420.00	2.29E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181440.00	2.20E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181460.00	2.12E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181500.00	1.97E+00	1.8	SRCGP4	OFF_SITE
553460.00	4181520.00	1.90E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180520.00	2.39E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180540.00	2.53E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180560.00	2.68E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180580.00	2.84E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180600.00	3.01E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180620.00	3.19E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180640.00	3.38E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180660.00	3.57E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180700.00	3.96E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180720.00	4.16E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180760.00	4.51E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180780.00	4.67E+00	1.8	SRCGP4	OFF_SITE



553480.00	4180800.00	4.82E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180820.00	4.95E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180840.00	5.07E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180880.00	5.25E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180900.00	5.30E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180920.00	5.34E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180940.00	5.35E+00	1.8	SRCGP4	OFF_SITE
553480.00	4180960.00	5.33E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181040.00	5.02E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181080.00	4.76E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181100.00	4.61E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181120.00	4.46E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181140.00	4.30E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181160.00	4.14E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181200.00	3.81E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181220.00	3.64E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181240.00	3.48E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181260.00	3.33E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181280.00	3.18E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181300.00	3.05E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181340.00	2.80E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181360.00	2.69E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181380.00	2.58E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181400.00	2.48E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181420.00	2.39E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181440.00	2.29E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181480.00	2.12E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181500.00	2.04E+00	1.8	SRCGP4	OFF_SITE
553480.00	4181520.00	1.97E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180520.00	2.45E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180540.00	2.60E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180560.00	2.76E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180580.00	2.94E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180600.00	3.12E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180620.00	3.32E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180640.00	3.53E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180660.00	3.74E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180700.00	4.19E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180720.00	4.41E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180740.00	4.63E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180780.00	5.03E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180800.00	5.20E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180820.00	5.36E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180840.00	5.50E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180860.00	5.62E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180900.00	5.80E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180920.00	5.84E+00	1.8	SRCGP4	OFF_SITE

553500.00	4180940.00	5.86E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180960.00	5.85E+00	1.8	SRCGP4	OFF_SITE
553500.00	4180980.00	5.80E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181000.00	5.73E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181060.00	5.35E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181080.00	5.19E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181100.00	5.02E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181120.00	4.84E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181140.00	4.66E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181160.00	4.47E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181180.00	4.27E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181220.00	3.89E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181240.00	3.71E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181260.00	3.53E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181280.00	3.37E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181300.00	3.22E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181320.00	3.08E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181360.00	2.82E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181380.00	2.70E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181400.00	2.59E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181420.00	2.49E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181460.00	2.29E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181480.00	2.20E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181500.00	2.11E+00	1.8	SRCGP4	OFF_SITE
553500.00	4181520.00	2.03E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180520.00	2.50E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180540.00	2.66E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180560.00	2.84E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180580.00	3.03E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180600.00	3.23E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180620.00	3.45E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180640.00	3.68E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180660.00	3.92E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180700.00	4.43E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180720.00	4.69E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180740.00	4.94E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180760.00	5.19E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180800.00	5.63E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180820.00	5.83E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180840.00	6.00E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180860.00	6.15E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180880.00	6.27E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180920.00	6.42E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180940.00	6.45E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180960.00	6.45E+00	1.8	SRCGP4	OFF_SITE
553520.00	4180980.00	6.40E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181000.00	6.31E+00	1.8	SRCGP4	OFF_SITE

553520.00	4181080.00	5.69E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181100.00	5.49E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181120.00	5.28E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181140.00	5.06E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181160.00	4.84E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181180.00	4.61E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181200.00	4.38E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181240.00	3.95E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181260.00	3.76E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181280.00	3.58E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181300.00	3.41E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181320.00	3.25E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181340.00	3.10E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181380.00	2.83E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181400.00	2.71E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181440.00	2.48E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181460.00	2.38E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181480.00	2.28E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181500.00	2.18E+00	1.8	SRCGP4	OFF_SITE
553520.00	4181520.00	2.09E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180520.00	2.56E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180540.00	2.73E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180560.00	2.92E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180580.00	3.12E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180600.00	3.34E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180620.00	3.57E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180640.00	3.83E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180660.00	4.10E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180700.00	4.68E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180720.00	4.98E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180740.00	5.29E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180760.00	5.58E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180780.00	5.86E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180820.00	6.36E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180840.00	6.57E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180860.00	6.75E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180880.00	6.90E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180900.00	7.01E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180940.00	7.14E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180960.00	7.14E+00	1.8	SRCGP4	OFF_SITE
553540.00	4180980.00	7.09E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181100.00	6.03E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181120.00	5.78E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181140.00	5.52E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181160.00	5.25E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181180.00	4.98E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181200.00	4.72E+00	1.8	SRCGP4	OFF_SITE

553540.00	4181220.00	4.46E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181260.00	4.00E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181280.00	3.80E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181300.00	3.61E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181320.00	3.43E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181340.00	3.27E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181360.00	3.11E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181420.00	2.70E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181440.00	2.58E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181460.00	2.46E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181480.00	2.36E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181500.00	2.25E+00	1.8	SRCGP4	OFF_SITE
553540.00	4181520.00	2.16E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180520.00	2.61E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180540.00	2.79E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180560.00	2.99E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180580.00	3.21E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180600.00	3.44E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180620.00	3.70E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180640.00	3.98E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180660.00	4.28E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180700.00	4.94E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180720.00	5.30E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180740.00	5.66E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180760.00	6.01E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180780.00	6.36E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180800.00	6.68E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180840.00	7.23E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180860.00	7.45E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180880.00	7.63E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180900.00	7.78E+00	1.8	SRCGP4	OFF_SITE
553560.00	4180920.00	7.88E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181000.00	7.80E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181020.00	7.65E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181120.00	6.37E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181140.00	6.05E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181160.00	5.73E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181180.00	5.40E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181200.00	5.09E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181220.00	4.80E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181240.00	4.52E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181280.00	4.04E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181300.00	3.82E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181320.00	3.62E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181340.00	3.44E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181420.00	2.81E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181440.00	2.68E+00	1.8	SRCGP4	OFF_SITE

553560.00	4181460.00	2.55E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181480.00	2.44E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181500.00	2.32E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181520.00	2.22E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180520.00	2.66E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180540.00	2.85E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180560.00	3.06E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180580.00	3.29E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180600.00	3.55E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180620.00	3.83E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180640.00	4.14E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180660.00	4.47E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180700.00	5.22E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180720.00	5.63E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180740.00	6.06E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180760.00	6.49E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180780.00	6.92E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180800.00	7.32E+00	1.8	SRCGP4	OFF_SITE
553580.00	4180820.00	7.68E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181000.00	8.76E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181020.00	8.59E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181040.00	8.38E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181140.00	6.67E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181160.00	6.27E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181180.00	5.88E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181200.00	5.51E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181220.00	5.16E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181240.00	4.85E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181260.00	4.56E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181300.00	4.05E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181320.00	3.83E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181440.00	2.78E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181460.00	2.64E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181480.00	2.52E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181500.00	2.40E+00	1.8	SRCGP4	OFF_SITE
553580.00	4181520.00	2.28E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180800.00	8.05E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180820.00	8.52E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180840.00	8.93E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180860.00	9.27E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180900.00	9.76E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180920.00	9.91E+00	1.8	SRCGP4	OFF_SITE
553600.00	4180940.00	1.00E+01	1.8	SRCGP4	OFF_SITE
553600.00	4181000.00	9.91E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181020.00	9.74E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181040.00	9.51E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181060.00	9.19E+00	1.8	SRCGP4	OFF_SITE

553600.00	4181160.00	6.90E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181180.00	6.42E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181200.00	5.98E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181220.00	5.58E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181240.00	5.21E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181260.00	4.88E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181280.00	4.57E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181460.00	2.73E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181480.00	2.60E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181500.00	2.47E+00	1.8	SRCGP4	OFF_SITE
553600.00	4181520.00	2.35E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180520.00	2.74E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180540.00	2.95E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180560.00	3.18E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180600.00	3.74E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180620.00	4.07E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180640.00	4.43E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180660.00	4.84E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180700.00	5.80E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180720.00	6.35E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180740.00	6.94E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180760.00	7.58E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180780.00	8.24E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180800.00	8.90E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180820.00	9.52E+00	1.8	SRCGP4	OFF_SITE
553620.00	4180840.00	1.01E+01	1.8	SRCGP4	OFF_SITE
553620.00	4180860.00	1.05E+01	1.8	SRCGP4	OFF_SITE
553620.00	4180900.00	1.11E+01	1.8	SRCGP4	OFF_SITE
553620.00	4180920.00	1.12E+01	1.8	SRCGP4	OFF_SITE
553620.00	4180940.00	1.13E+01	1.8	SRCGP4	OFF_SITE
553620.00	4181000.00	1.13E+01	1.8	SRCGP4	OFF_SITE
553620.00	4181020.00	1.12E+01	1.8	SRCGP4	OFF_SITE
553620.00	4181040.00	1.09E+01	1.8	SRCGP4	OFF_SITE
553620.00	4181060.00	1.06E+01	1.8	SRCGP4	OFF_SITE
553620.00	4181080.00	1.01E+01	1.8	SRCGP4	OFF_SITE
553620.00	4181180.00	7.04E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181200.00	6.51E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181220.00	6.03E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181240.00	5.60E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181260.00	5.22E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181280.00	4.87E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181480.00	2.68E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181500.00	2.54E+00	1.8	SRCGP4	OFF_SITE
553620.00	4181520.00	2.41E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180520.00	2.77E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180540.00	2.99E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180560.00	3.24E+00	1.8	SRCGP4	OFF_SITE

553640.00	4180600.00	3.83E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180620.00	4.18E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180640.00	4.57E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180660.00	5.02E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180700.00	6.09E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180720.00	6.72E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180740.00	7.42E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180760.00	8.19E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180780.00	9.02E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180800.00	9.88E+00	1.8	SRCGP4	OFF_SITE
553640.00	4180820.00	1.07E+01	1.8	SRCGP4	OFF_SITE
553640.00	4180840.00	1.15E+01	1.8	SRCGP4	OFF_SITE
553640.00	4180860.00	1.21E+01	1.8	SRCGP4	OFF_SITE
553640.00	4180900.00	1.27E+01	1.8	SRCGP4	OFF_SITE
553640.00	4180920.00	1.29E+01	1.8	SRCGP4	OFF_SITE
553640.00	4180940.00	1.29E+01	1.8	SRCGP4	OFF_SITE
553640.00	4181000.00	1.30E+01	1.8	SRCGP4	OFF_SITE
553640.00	4181020.00	1.30E+01	1.8	SRCGP4	OFF_SITE
553640.00	4181040.00	1.27E+01	1.8	SRCGP4	OFF_SITE
553640.00	4181060.00	1.23E+01	1.8	SRCGP4	OFF_SITE
553640.00	4181080.00	1.17E+01	1.8	SRCGP4	OFF_SITE
553640.00	4181100.00	1.10E+01	1.8	SRCGP4	OFF_SITE
553640.00	4181200.00	7.11E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181220.00	6.54E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181240.00	6.04E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181260.00	5.59E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181500.00	2.61E+00	1.8	SRCGP4	OFF_SITE
553640.00	4181520.00	2.48E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180520.00	2.80E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180540.00	3.02E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180560.00	3.28E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180600.00	3.90E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180620.00	4.28E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180640.00	4.70E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180660.00	5.19E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180700.00	6.37E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180720.00	7.10E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180740.00	7.92E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180760.00	8.84E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180780.00	9.87E+00	1.8	SRCGP4	OFF_SITE
553660.00	4180800.00	1.10E+01	1.8	SRCGP4	OFF_SITE
553660.00	4180820.00	1.21E+01	1.8	SRCGP4	OFF_SITE
553660.00	4180840.00	1.32E+01	1.8	SRCGP4	OFF_SITE
553660.00	4180860.00	1.41E+01	1.8	SRCGP4	OFF_SITE
553660.00	4180900.00	1.49E+01	1.8	SRCGP4	OFF_SITE
553660.00	4180920.00	1.49E+01	1.8	SRCGP4	OFF_SITE
553660.00	4180940.00	1.49E+01	1.8	SRCGP4	OFF_SITE

553660.00	4181000.00	1.51E+01	1.8	SRCGP4	OFF_SITE
553660.00	4181020.00	1.53E+01	1.8	SRCGP4	OFF_SITE
553660.00	4181040.00	1.52E+01	1.8	SRCGP4	OFF_SITE
553660.00	4181060.00	1.47E+01	1.8	SRCGP4	OFF_SITE
553660.00	4181080.00	1.39E+01	1.8	SRCGP4	OFF_SITE
553660.00	4181100.00	1.29E+01	1.8	SRCGP4	OFF_SITE
553660.00	4181120.00	1.17E+01	1.8	SRCGP4	OFF_SITE
553660.00	4181220.00	7.11E+00	1.8	SRCGP4	OFF_SITE
553660.00	4181240.00	6.51E+00	1.8	SRCGP4	OFF_SITE
553660.00	4181520.00	2.54E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180520.00	2.81E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180540.00	3.05E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180560.00	3.32E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180600.00	3.97E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180620.00	4.36E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180640.00	4.82E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180660.00	5.34E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180700.00	6.65E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180720.00	7.46E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180740.00	8.41E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180760.00	9.51E+00	1.8	SRCGP4	OFF_SITE
553680.00	4180780.00	1.08E+01	1.8	SRCGP4	OFF_SITE
553680.00	4180800.00	1.22E+01	1.8	SRCGP4	OFF_SITE
553680.00	4180820.00	1.39E+01	1.8	SRCGP4	OFF_SITE
553680.00	4180840.00	1.55E+01	1.8	SRCGP4	OFF_SITE
553680.00	4180860.00	1.69E+01	1.8	SRCGP4	OFF_SITE
553680.00	4180900.00	1.79E+01	1.8	SRCGP4	OFF_SITE
553680.00	4180920.00	1.77E+01	1.8	SRCGP4	OFF_SITE
553680.00	4180940.00	1.73E+01	1.8	SRCGP4	OFF_SITE
553680.00	4181000.00	1.77E+01	1.8	SRCGP4	OFF_SITE
553680.00	4181020.00	1.83E+01	1.8	SRCGP4	OFF_SITE
553680.00	4181040.00	1.86E+01	1.8	SRCGP4	OFF_SITE
553680.00	4181060.00	1.82E+01	1.8	SRCGP4	OFF_SITE
553680.00	4181080.00	1.71E+01	1.8	SRCGP4	OFF_SITE
553680.00	4181100.00	1.54E+01	1.8	SRCGP4	OFF_SITE
553680.00	4181120.00	1.36E+01	1.8	SRCGP4	OFF_SITE
553680.00	4181140.00	1.20E+01	1.8	SRCGP4	OFF_SITE
553700.00	4180520.00	2.82E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180540.00	3.06E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180560.00	3.34E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180600.00	4.01E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180620.00	4.43E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180640.00	4.91E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180660.00	5.47E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180700.00	6.90E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180720.00	7.81E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180740.00	8.89E+00	1.8	SRCGP4	OFF_SITE



553700.00	4180760.00	1.02E+01	1.8	SRCGP4	OFF_SITE
553700.00	4180780.00	1.17E+01	1.8	SRCGP4	OFF_SITE
553700.00	4180800.00	1.36E+01	1.8	SRCGP4	OFF_SITE
553700.00	4180820.00	1.58E+01	1.8	SRCGP4	OFF_SITE
553700.00	4180840.00	1.84E+01	1.8	SRCGP4	OFF_SITE
553700.00	4180860.00	2.09E+01	1.8	SRCGP4	OFF_SITE
553700.00	4180900.00	2.25E+01	1.8	SRCGP4	OFF_SITE
553700.00	4180920.00	2.14E+01	1.8	SRCGP4	OFF_SITE
553700.00	4180940.00	2.03E+01	1.8	SRCGP4	OFF_SITE
553700.00	4181000.00	2.07E+01	1.8	SRCGP4	OFF_SITE
553700.00	4181020.00	2.21E+01	1.8	SRCGP4	OFF_SITE
553700.00	4181040.00	2.36E+01	1.8	SRCGP4	OFF_SITE
553700.00	4181060.00	2.38E+01	1.8	SRCGP4	OFF_SITE
553700.00	4181080.00	2.20E+01	1.8	SRCGP4	OFF_SITE
553700.00	4181100.00	1.90E+01	1.8	SRCGP4	OFF_SITE
553700.00	4181120.00	1.62E+01	1.8	SRCGP4	OFF_SITE
553700.00	4181140.00	1.39E+01	1.8	SRCGP4	OFF_SITE
553720.00	4180520.00	2.82E+00	1.8	SRCGP4	OFF_SITE
553720.00	4180540.00	3.07E+00	1.8	SRCGP4	OFF_SITE
553720.00	4180560.00	3.35E+00	1.8	SRCGP4	OFF_SITE
553720.00	4180600.00	4.05E+00	1.8	SRCGP4	OFF_SITE
553720.00	4180620.00	4.48E+00	1.8	SRCGP4	OFF_SITE
553720.00	4180640.00	4.99E+00	1.8	SRCGP4	OFF_SITE
553720.00	4180660.00	5.58E+00	1.8	SRCGP4	OFF_SITE
553740.00	4180520.00	2.81E+00	1.8	SRCGP4	OFF_SITE
553740.00	4180540.00	3.07E+00	1.8	SRCGP4	OFF_SITE
553740.00	4180560.00	3.35E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180620.00	4.53E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180640.00	5.07E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180660.00	5.72E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180680.00	6.51E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180720.00	8.63E+00	1.8	SRCGP4	OFF_SITE
553760.00	4180740.00	1.01E+01	1.8	SRCGP4	OFF_SITE
553760.00	4180760.00	1.19E+01	1.8	SRCGP4	OFF_SITE
553760.00	4180780.00	1.43E+01	1.8	SRCGP4	OFF_SITE
553780.00	4180520.00	2.78E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180540.00	3.03E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180560.00	3.32E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180580.00	3.66E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180600.00	4.06E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180620.00	4.53E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180640.00	5.08E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180660.00	5.75E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180680.00	6.57E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180720.00	8.82E+00	1.8	SRCGP4	OFF_SITE
553780.00	4180740.00	1.04E+01	1.8	SRCGP4	OFF_SITE
553780.00	4180760.00	1.24E+01	1.8	SRCGP4	OFF_SITE

553780.00	4180780.00	1.51E+01	1.8	SRCGP4	OFF_SITE
553800.00	4180520.00	2.74E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180540.00	3.00E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180560.00	3.29E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180580.00	3.63E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180600.00	4.03E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180620.00	4.51E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180640.00	5.07E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180660.00	5.76E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180680.00	6.60E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180720.00	8.98E+00	1.8	SRCGP4	OFF_SITE
553800.00	4180740.00	1.07E+01	1.8	SRCGP4	OFF_SITE
553800.00	4180760.00	1.29E+01	1.8	SRCGP4	OFF_SITE
553800.00	4180780.00	1.60E+01	1.8	SRCGP4	OFF_SITE
553820.00	4180520.00	2.71E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180540.00	2.96E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180560.00	3.25E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180580.00	3.59E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180620.00	4.47E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180640.00	5.05E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180660.00	5.75E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180680.00	6.62E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180720.00	9.12E+00	1.8	SRCGP4	OFF_SITE
553820.00	4180740.00	1.10E+01	1.8	SRCGP4	OFF_SITE
553820.00	4180760.00	1.34E+01	1.8	SRCGP4	OFF_SITE
553820.00	4180780.00	1.69E+01	1.8	SRCGP4	OFF_SITE
553840.00	4180520.00	2.67E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180540.00	2.92E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180560.00	3.21E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180580.00	3.55E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180620.00	4.43E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180640.00	5.01E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180660.00	5.72E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180680.00	6.62E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180720.00	9.25E+00	1.8	SRCGP4	OFF_SITE
553840.00	4180740.00	1.12E+01	1.8	SRCGP4	OFF_SITE
553840.00	4180760.00	1.40E+01	1.8	SRCGP4	OFF_SITE
553840.00	4180780.00	1.79E+01	1.8	SRCGP4	OFF_SITE
553860.00	4180520.00	2.63E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180540.00	2.87E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180560.00	3.16E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180580.00	3.50E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180620.00	4.38E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180640.00	4.96E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180660.00	5.69E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180680.00	6.61E+00	1.8	SRCGP4	OFF_SITE
553860.00	4180720.00	9.36E+00	1.8	SRCGP4	OFF_SITE

553860.00	4180740.00	1.15E+01	1.8	SRCGP4	OFF_SITE
553860.00	4180760.00	1.45E+01	1.8	SRCGP4	OFF_SITE
553860.00	4180780.00	1.89E+01	1.8	SRCGP4	OFF_SITE
553880.00	4180520.00	2.59E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180540.00	2.83E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180560.00	3.12E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180580.00	3.45E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180620.00	4.33E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180640.00	4.92E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180660.00	5.65E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180680.00	6.59E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180720.00	9.44E+00	1.8	SRCGP4	OFF_SITE
553880.00	4180740.00	1.17E+01	1.8	SRCGP4	OFF_SITE
553880.00	4180760.00	1.49E+01	1.8	SRCGP4	OFF_SITE
553880.00	4180780.00	1.98E+01	1.8	SRCGP4	OFF_SITE
553900.00	4180520.00	2.55E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180540.00	2.79E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180560.00	3.07E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180580.00	3.41E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180620.00	4.29E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180640.00	4.88E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180660.00	5.62E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180680.00	6.57E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180720.00	9.49E+00	1.8	SRCGP4	OFF_SITE
553900.00	4180740.00	1.18E+01	1.8	SRCGP4	OFF_SITE
553900.00	4180760.00	1.52E+01	1.8	SRCGP4	OFF_SITE
553900.00	4180780.00	2.03E+01	1.8	SRCGP4	OFF_SITE
553920.00	4180520.00	2.52E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180540.00	2.76E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180560.00	3.04E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180580.00	3.38E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180620.00	4.26E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180640.00	4.86E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180660.00	5.61E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180680.00	6.57E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180720.00	9.52E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180740.00	1.19E+01	1.8	SRCGP4	OFF_SITE
553920.00	4180760.00	1.53E+01	1.8	SRCGP4	OFF_SITE
553920.00	4180780.00	2.05E+01	1.8	SRCGP4	OFF_SITE
553940.00	4180520.00	2.50E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180540.00	2.74E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180560.00	3.02E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180580.00	3.36E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180620.00	4.25E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180640.00	4.85E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180660.00	5.61E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180680.00	6.59E+00	1.8	SRCGP4	OFF_SITE

553940.00	4180720.00	9.56E+00	1.8	SRCGP4	OFF_SITE
553940.00	4180740.00	1.19E+01	1.8	SRCGP4	OFF_SITE
553940.00	4180760.00	1.52E+01	1.8	SRCGP4	OFF_SITE
553940.00	4180780.00	2.03E+01	1.8	SRCGP4	OFF_SITE
553960.00	4180520.00	2.48E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180540.00	2.72E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180560.00	3.01E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180580.00	3.35E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180620.00	4.26E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180640.00	4.88E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180660.00	5.65E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180680.00	6.64E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180720.00	9.65E+00	1.8	SRCGP4	OFF_SITE
553960.00	4180740.00	1.20E+01	1.8	SRCGP4	OFF_SITE
553960.00	4180760.00	1.54E+01	1.8	SRCGP4	OFF_SITE
553980.00	4180520.00	2.48E+00	1.8	SRCGP4	OFF_SITE
553980.00	4180540.00	2.72E+00	1.8	SRCGP4	OFF_SITE
553980.00	4180560.00	3.02E+00	1.8	SRCGP4	OFF_SITE
553980.00	4180580.00	3.36E+00	1.8	SRCGP4	OFF_SITE
553980.00	4180620.00	4.29E+00	1.8	SRCGP4	OFF_SITE
553980.00	4180640.00	4.93E+00	1.8	SRCGP4	OFF_SITE
553980.00	4180660.00	5.72E+00	1.8	SRCGP4	OFF_SITE
553980.00	4180680.00	6.74E+00	1.8	SRCGP4	OFF_SITE
553560.00	4181180.00	5.40E+00	1.8	SRCGP4	OFF_SITE
553920.00	4180660.00	5.61E+00	1.8	SRCGP4	OFF_SITE
553700.00	4180920.00	2.14E+01	1.8	SRCGP4	OFF_SITE
553560.00	4180920.00	7.88E+00	1.8	SRCGP4	OFF_SITE
553680.00	4181060.00	1.82E+01	1.8	SRCGP4	OFF_SITE
553760.00	4181080.00	9.27E+01	1.8	SRCGP4	R_A1_BA
553780.00	4181080.00	1.47E+02	1.8	SRCGP4	R_A1_BA
553760.00	4181100.00	4.83E+01	1.8	SRCGP4	R_A1_BA
553780.00	4181100.00	6.98E+01	1.8	SRCGP4	R_A1_BA
553760.00	4181120.00	3.21E+01	1.8	SRCGP4	R_A1_BA
553780.00	4181120.00	4.22E+01	1.8	SRCGP4	R_A1_BA
553760.00	4181140.00	2.39E+01	1.8	SRCGP4	R_A1_BA
553780.00	4181140.00	2.94E+01	1.8	SRCGP4	R_A1_BA
553760.00	4181000.00	3.19E+01	1.8	SRCGP4	R_A1_BB
553780.00	4181000.00	3.67E+01	1.8	SRCGP4	R_A1_BB
553760.00	4181020.00	3.73E+01	1.8	SRCGP4	R_A1_BB
553780.00	4181020.00	4.38E+01	1.8	SRCGP4	R_A1_BB
553760.00	4181040.00	5.15E+01	1.8	SRCGP4	R_A1_BB
553780.00	4181040.00	6.58E+01	1.8	SRCGP4	R_A1_BB
553780.00	4181060.00	1.54E+02	1.8	SRCGP4	R_A1_BB
553760.00	4180900.00	9.16E+01	1.8	SRCGP4	R_A1_BC
553780.00	4180900.00	1.63E+02	1.8	SRCGP4	R_A1_BC
553760.00	4180920.00	5.10E+01	1.8	SRCGP4	R_A1_BC
553780.00	4180920.00	7.61E+01	1.8	SRCGP4	R_A1_BC

553760.00	4180940.00	3.77E+01	1.8	SRCGP4	R_A1_BC
553780.00	4180940.00	4.93E+01	1.8	SRCGP4	R_A1_BC
553760.00	4180960.00	3.23E+01	1.8	SRCGP4	R_A1_BC
553780.00	4180960.00	3.92E+01	1.8	SRCGP4	R_A1_BC
553760.00	4180820.00	2.22E+01	1.8	SRCGP4	R_A1_BD1
553780.00	4180820.00	2.43E+01	1.8	SRCGP4	R_A1_BD1
553760.00	4180840.00	2.95E+01	1.8	SRCGP4	R_A1_BD1
553780.00	4180840.00	3.36E+01	1.8	SRCGP4	R_A1_BD1
553760.00	4180860.00	4.28E+01	1.8	SRCGP4	R_A1_BD1
553780.00	4180860.00	5.32E+01	1.8	SRCGP4	R_A1_BD1
553760.00	4180880.00	7.56E+01	1.8	SRCGP4	R_A1_BD1
553800.00	4180820.00	2.69E+01	1.8	SRCGP4	R_A1_BD2
553820.00	4180820.00	2.99E+01	1.8	SRCGP4	R_A1_BD2
553840.00	4180820.00	3.28E+01	1.8	SRCGP4	R_A1_BD2
553860.00	4180820.00	3.56E+01	1.8	SRCGP4	R_A1_BD2
553880.00	4180820.00	3.85E+01	1.8	SRCGP4	R_A1_BD2
553800.00	4180840.00	3.88E+01	1.8	SRCGP4	R_A1_BD2
553820.00	4180840.00	4.39E+01	1.8	SRCGP4	R_A1_BD2
553840.00	4180840.00	4.84E+01	1.8	SRCGP4	R_A1_BD2
553860.00	4180840.00	5.24E+01	1.8	SRCGP4	R_A1_BD2
553880.00	4180840.00	5.66E+01	1.8	SRCGP4	R_A1_BD2
553800.00	4180860.00	6.46E+01	1.8	SRCGP4	R_A1_BD2
553820.00	4180860.00	7.31E+01	1.8	SRCGP4	R_A1_BD2
553840.00	4180860.00	7.92E+01	1.8	SRCGP4	R_A1_BD2
553860.00	4180860.00	8.40E+01	1.8	SRCGP4	R_A1_BD2
553880.00	4180860.00	8.86E+01	1.8	SRCGP4	R_A1_BD2
553780.00	4180880.00	1.17E+02	1.8	SRCGP4	R_A1_BD2
553800.00	4180880.00	1.39E+02	1.8	SRCGP4	R_A1_BD2
553820.00	4180880.00	1.49E+02	1.8	SRCGP4	R_A1_BD2
553840.00	4180880.00	1.55E+02	1.8	SRCGP4	R_A1_BD2
553860.00	4180880.00	1.59E+02	1.8	SRCGP4	R_A1_BD2
553820.00	4181100.00	1.03E+02	1.8	SRCGP4	R_A2_BG
553840.00	4181100.00	1.13E+02	1.8	SRCGP4	R_A2_BG
553860.00	4181100.00	1.21E+02	1.8	SRCGP4	R_A2_BG
553820.00	4181120.00	6.19E+01	1.8	SRCGP4	R_A2_BG
553840.00	4181120.00	6.93E+01	1.8	SRCGP4	R_A2_BG
553860.00	4181120.00	7.51E+01	1.8	SRCGP4	R_A2_BG
553900.00	4181100.00	1.30E+02	1.8	SRCGP4	R_A2_BK
553920.00	4181100.00	1.26E+02	1.8	SRCGP4	R_A2_BK
553900.00	4181120.00	8.18E+01	1.8	SRCGP4	R_A2_BK
553920.00	4181120.00	8.19E+01	1.8	SRCGP4	R_A2_BK
553860.00	4181140.00	5.12E+01	1.8	SRCGP4	R_A2_PK
553880.00	4181140.00	5.46E+01	1.8	SRCGP4	R_A2_PK
553900.00	4181140.00	5.70E+01	1.8	SRCGP4	R_A2_PK
553920.00	4181140.00	5.81E+01	1.8	SRCGP4	R_A2_PK
553800.00	4181160.00	2.62E+01	1.8	SRCGP4	R_A2_PK
553820.00	4181160.00	3.02E+01	1.8	SRCGP4	R_A2_PK

553840.00	4181160.00	3.39E+01	1.8	SRCGP4	R_A2_PK
553860.00	4181160.00	3.72E+01	1.8	SRCGP4	R_A2_PK
553880.00	4181160.00	4.00E+01	1.8	SRCGP4	R_A2_PK
553900.00	4181160.00	4.21E+01	1.8	SRCGP4	R_A2_PK
553920.00	4181160.00	4.34E+01	1.8	SRCGP4	R_A2_PK
553740.00	4181180.00	1.35E+01	1.8	SRCGP4	R_A2_PK
553760.00	4181180.00	1.55E+01	1.8	SRCGP4	R_A2_PK
553780.00	4181180.00	1.78E+01	1.8	SRCGP4	R_A2_PK
553800.00	4181180.00	2.04E+01	1.8	SRCGP4	R_A2_PK
553820.00	4181180.00	2.32E+01	1.8	SRCGP4	R_A2_PK
553840.00	4181180.00	2.59E+01	1.8	SRCGP4	R_A2_PK
553860.00	4181180.00	2.83E+01	1.8	SRCGP4	R_A2_PK
553880.00	4181180.00	3.05E+01	1.8	SRCGP4	R_A2_PK
553900.00	4181180.00	3.23E+01	1.8	SRCGP4	R_A2_PK
553920.00	4181180.00	3.37E+01	1.8	SRCGP4	R_A2_PK
553740.00	4181200.00	1.16E+01	1.8	SRCGP4	R_A2_PK
553760.00	4181200.00	1.31E+01	1.8	SRCGP4	R_A2_PK
553780.00	4181200.00	1.47E+01	1.8	SRCGP4	R_A2_PK
553800.00	4181200.00	1.65E+01	1.8	SRCGP4	R_A2_PK
553820.00	4181200.00	1.85E+01	1.8	SRCGP4	R_A2_PK
553840.00	4181200.00	2.05E+01	1.8	SRCGP4	R_A2_PK
553860.00	4181200.00	2.24E+01	1.8	SRCGP4	R_A2_PK
553880.00	4181200.00	2.41E+01	1.8	SRCGP4	R_A2_PK
553900.00	4181200.00	2.56E+01	1.8	SRCGP4	R_A2_PK
553920.00	4181200.00	2.68E+01	1.8	SRCGP4	R_A2_PK
553840.00	4180920.00	1.28E+02	1.8	SRCGP4	R_A3_BE
553860.00	4180920.00	1.40E+02	1.8	SRCGP4	R_A3_BE
553820.00	4180940.00	7.39E+01	1.8	SRCGP4	R_A3_BE
553840.00	4180940.00	8.44E+01	1.8	SRCGP4	R_A3_BE
553860.00	4180940.00	9.47E+01	1.8	SRCGP4	R_A3_BE
553820.00	4181040.00	8.68E+01	1.8	SRCGP4	R_A3_BF
553840.00	4181040.00	9.27E+01	1.8	SRCGP4	R_A3_BF
553860.00	4181040.00	9.74E+01	1.8	SRCGP4	R_A3_BF
553820.00	4181060.00	1.74E+02	1.8	SRCGP4	R_A3_BF
553840.00	4181060.00	1.74E+02	1.8	SRCGP4	R_A3_BF
553860.00	4181060.00	1.73E+02	1.8	SRCGP4	R_A3_BF
553800.00	4180960.00	4.73E+01	1.8	SRCGP4	R_A3_SQ
553820.00	4180960.00	5.60E+01	1.8	SRCGP4	R_A3_SQ
553840.00	4180960.00	6.48E+01	1.8	SRCGP4	R_A3_SQ
553860.00	4180960.00	7.41E+01	1.8	SRCGP4	R_A3_SQ
553800.00	4180980.00	4.19E+01	1.8	SRCGP4	R_A3_SQ
553820.00	4180980.00	4.89E+01	1.8	SRCGP4	R_A3_SQ
553840.00	4180980.00	5.66E+01	1.8	SRCGP4	R_A3_SQ
553860.00	4180980.00	6.52E+01	1.8	SRCGP4	R_A3_SQ
553800.00	4181000.00	4.26E+01	1.8	SRCGP4	R_A3_SQ
553820.00	4181000.00	4.92E+01	1.8	SRCGP4	R_A3_SQ
553840.00	4181000.00	5.63E+01	1.8	SRCGP4	R_A3_SQ

553860.00	4181000.00	6.42E+01	1.8	SRCGP4	R_A3_SQ
553800.00	4181020.00	5.14E+01	1.8	SRCGP4	R_A3_SQ
553820.00	4181020.00	5.86E+01	1.8	SRCGP4	R_A3_SQ
553840.00	4181020.00	6.54E+01	1.8	SRCGP4	R_A3_SQ
553860.00	4181020.00	7.23E+01	1.8	SRCGP4	R_A3_SQ
553900.00	4180920.00	1.66E+02	1.8	SRCGP4	R_A4_BI
553920.00	4180920.00	1.87E+02	1.8	SRCGP4	R_A4_BI
553900.00	4180940.00	1.21E+02	1.8	SRCGP4	R_A4_BI
553920.00	4180940.00	1.46E+02	1.8	SRCGP4	R_A4_BI
553900.00	4180960.00	1.01E+02	1.8	SRCGP4	R_A4_BI
553920.00	4180960.00	1.28E+02	1.8	SRCGP4	R_A4_BI
553900.00	4181000.00	9.02E+01	1.8	SRCGP4	R_A4_BJ
553920.00	4181000.00	1.19E+02	1.8	SRCGP4	R_A4_BJ
553900.00	4181020.00	9.52E+01	1.8	SRCGP4	R_A4_BJ
553920.00	4181020.00	1.23E+02	1.8	SRCGP4	R_A4_BJ
553900.00	4181040.00	1.12E+02	1.8	SRCGP4	R_A4_BJ
553920.00	4181040.00	1.36E+02	1.8	SRCGP4	R_A4_BJ
553900.00	4181060.00	1.66E+02	1.8	SRCGP4	R_A4_BJ
553920.00	4181060.00	1.69E+02	1.8	SRCGP4	R_A4_BJ
553900.00	4181000.00	9.02E+01	1.8	SRCGP4	R_A4_BJ
553920.00	4181000.00	1.19E+02	1.8	SRCGP4	R_A4_BJ
553900.00	4180980.00	9.22E+01	1.8	SRCGP4	R_A4_CL
553920.00	4180980.00	1.20E+02	1.8	SRCGP4	R_A4_CL
553940.00	4180980.00	2.03E+02	1.8	SRCGP4	R_A4_CL
553880.00	4181000.00	7.45E+01	1.8	SRCGP4	R_A4_CL
553940.00	4181000.00	2.07E+02	1.8	SRCGP4	R_A4_CL
553940.00	4181080.00	1.61E+02	1.8	SRCGP4	R_A4_CL
553880.00	4180980.00	7.61E+01	1.8	SRCGP4	R_A4_CL
553600.00	4181380.00	3.40E+00	1.8	SRCGP4	R_ATT
553600.00	4181400.00	3.21E+00	1.8	SRCGP4	R_ATT
553620.00	4181340.00	4.01E+00	1.8	SRCGP4	R_ATT
553620.00	4181360.00	3.77E+00	1.8	SRCGP4	R_ATT
553620.00	4181380.00	3.55E+00	1.8	SRCGP4	R_ATT
553620.00	4181400.00	3.35E+00	1.8	SRCGP4	R_ATT
553620.00	4181420.00	3.16E+00	1.8	SRCGP4	R_ATT
553640.00	4181340.00	4.22E+00	1.8	SRCGP4	R_ATT
553640.00	4181320.00	4.51E+00	1.8	SRCGP4	R_ATT
553640.00	4181360.00	3.95E+00	1.8	SRCGP4	R_ATT
553640.00	4181380.00	3.71E+00	1.8	SRCGP4	R_ATT
553640.00	4181400.00	3.48E+00	1.8	SRCGP4	R_ATT
553640.00	4181420.00	3.28E+00	1.8	SRCGP4	R_ATT
553640.00	4181440.00	3.09E+00	1.8	SRCGP4	R_ATT
553660.00	4181320.00	4.76E+00	1.8	SRCGP4	R_ATT
553660.00	4181340.00	4.43E+00	1.8	SRCGP4	R_ATT
553660.00	4181360.00	4.14E+00	1.8	SRCGP4	R_ATT
553660.00	4181380.00	3.87E+00	1.8	SRCGP4	R_ATT
553660.00	4181400.00	3.62E+00	1.8	SRCGP4	R_ATT

553660.00	4181420.00	3.40E+00	1.8	SRCGP4	R_ATT
553660.00	4181440.00	3.20E+00	1.8	SRCGP4	R_ATT
553660.00	4181460.00	3.01E+00	1.8	SRCGP4	R_ATT
553680.00	4181360.00	4.33E+00	1.8	SRCGP4	R_ATT
553680.00	4181380.00	4.03E+00	1.8	SRCGP4	R_ATT
553680.00	4181400.00	3.77E+00	1.8	SRCGP4	R_ATT
553680.00	4181420.00	3.53E+00	1.8	SRCGP4	R_ATT
553680.00	4181440.00	3.31E+00	1.8	SRCGP4	R_ATT
553680.00	4181460.00	3.11E+00	1.8	SRCGP4	R_ATT
553680.00	4181480.00	2.93E+00	1.8	SRCGP4	R_ATT
553680.00	4181340.00	4.66E+00	1.8	SRCGP4	R_ATT
553680.00	4181320.00	5.03E+00	1.8	SRCGP4	R_ATT
553700.00	4181360.00	4.53E+00	1.8	SRCGP4	R_ATT
553700.00	4181380.00	4.21E+00	1.8	SRCGP4	R_ATT
553700.00	4181400.00	3.92E+00	1.8	SRCGP4	R_ATT
553700.00	4181420.00	3.66E+00	1.8	SRCGP4	R_ATT
553700.00	4181440.00	3.42E+00	1.8	SRCGP4	R_ATT
553700.00	4181460.00	3.21E+00	1.8	SRCGP4	R_ATT
553700.00	4181480.00	3.01E+00	1.8	SRCGP4	R_ATT
553700.00	4181500.00	2.84E+00	1.8	SRCGP4	R_ATT
553700.00	4181340.00	4.90E+00	1.8	SRCGP4	R_ATT
553700.00	4181320.00	5.31E+00	1.8	SRCGP4	R_ATT
553720.00	4181360.00	4.74E+00	1.8	SRCGP4	R_ATT
553720.00	4181380.00	4.39E+00	1.8	SRCGP4	R_ATT
553720.00	4181400.00	4.07E+00	1.8	SRCGP4	R_ATT
553720.00	4181420.00	3.79E+00	1.8	SRCGP4	R_ATT
553720.00	4181440.00	3.54E+00	1.8	SRCGP4	R_ATT
553720.00	4181460.00	3.31E+00	1.8	SRCGP4	R_ATT
553720.00	4181480.00	3.10E+00	1.8	SRCGP4	R_ATT
553720.00	4181500.00	2.92E+00	1.8	SRCGP4	R_ATT
553720.00	4181520.00	2.75E+00	1.8	SRCGP4	R_ATT
553720.00	4181340.00	5.15E+00	1.8	SRCGP4	R_ATT
553720.00	4181320.00	5.60E+00	1.8	SRCGP4	R_ATT
553740.00	4181360.00	4.97E+00	1.8	SRCGP4	R_ATT
553740.00	4181380.00	4.58E+00	1.8	SRCGP4	R_ATT
553740.00	4181400.00	4.24E+00	1.8	SRCGP4	R_ATT
553740.00	4181420.00	3.93E+00	1.8	SRCGP4	R_ATT
553740.00	4181440.00	3.66E+00	1.8	SRCGP4	R_ATT
553740.00	4181460.00	3.42E+00	1.8	SRCGP4	R_ATT
553740.00	4181480.00	3.20E+00	1.8	SRCGP4	R_ATT
553740.00	4181500.00	3.00E+00	1.8	SRCGP4	R_ATT
553740.00	4181520.00	2.82E+00	1.8	SRCGP4	R_ATT
553740.00	4181340.00	5.41E+00	1.8	SRCGP4	R_ATT
553740.00	4181320.00	5.92E+00	1.8	SRCGP4	R_ATT
553760.00	4181360.00	5.21E+00	1.8	SRCGP4	R_ATT
553760.00	4181380.00	4.78E+00	1.8	SRCGP4	R_ATT
553760.00	4181400.00	4.41E+00	1.8	SRCGP4	R_ATT



553760.00	4181420.00	4.08E+00	1.8	SRCGP4	R_ATT
553760.00	4181440.00	3.79E+00	1.8	SRCGP4	R_ATT
553760.00	4181460.00	3.53E+00	1.8	SRCGP4	R_ATT
553760.00	4181480.00	3.30E+00	1.8	SRCGP4	R_ATT
553760.00	4181500.00	3.09E+00	1.8	SRCGP4	R_ATT
553760.00	4181520.00	2.90E+00	1.8	SRCGP4	R_ATT
553760.00	4181340.00	5.70E+00	1.8	SRCGP4	R_ATT
553760.00	4181320.00	6.26E+00	1.8	SRCGP4	R_ATT
553780.00	4181360.00	5.46E+00	1.8	SRCGP4	R_ATT
553780.00	4181380.00	5.00E+00	1.8	SRCGP4	R_ATT
553780.00	4181400.00	4.59E+00	1.8	SRCGP4	R_ATT
553780.00	4181420.00	4.24E+00	1.8	SRCGP4	R_ATT
553780.00	4181440.00	3.93E+00	1.8	SRCGP4	R_ATT
553780.00	4181460.00	3.65E+00	1.8	SRCGP4	R_ATT
553780.00	4181480.00	3.40E+00	1.8	SRCGP4	R_ATT
553780.00	4181500.00	3.18E+00	1.8	SRCGP4	R_ATT
553780.00	4181520.00	2.98E+00	1.8	SRCGP4	R_ATT
553780.00	4181340.00	6.00E+00	1.8	SRCGP4	R_ATT
553800.00	4181360.00	5.74E+00	1.8	SRCGP4	R_ATT
553800.00	4181380.00	5.23E+00	1.8	SRCGP4	R_ATT
553800.00	4181400.00	4.79E+00	1.8	SRCGP4	R_ATT
553800.00	4181420.00	4.41E+00	1.8	SRCGP4	R_ATT
553800.00	4181440.00	4.07E+00	1.8	SRCGP4	R_ATT
553800.00	4181460.00	3.78E+00	1.8	SRCGP4	R_ATT
553800.00	4181480.00	3.51E+00	1.8	SRCGP4	R_ATT
553800.00	4181500.00	3.28E+00	1.8	SRCGP4	R_ATT
553800.00	4181520.00	3.07E+00	1.8	SRCGP4	R_ATT
553820.00	4181360.00	6.03E+00	1.8	SRCGP4	R_ATT
553820.00	4181380.00	5.48E+00	1.8	SRCGP4	R_ATT
553820.00	4181400.00	5.00E+00	1.8	SRCGP4	R_ATT
553820.00	4181420.00	4.59E+00	1.8	SRCGP4	R_ATT
553820.00	4181440.00	4.23E+00	1.8	SRCGP4	R_ATT
553820.00	4181460.00	3.91E+00	1.8	SRCGP4	R_ATT
553820.00	4181480.00	3.63E+00	1.8	SRCGP4	R_ATT
553820.00	4181500.00	3.38E+00	1.8	SRCGP4	R_ATT
553820.00	4181520.00	3.16E+00	1.8	SRCGP4	R_ATT
553840.00	4181360.00	6.35E+00	1.8	SRCGP4	R_ATT
553840.00	4181380.00	5.75E+00	1.8	SRCGP4	R_ATT
553840.00	4181400.00	5.23E+00	1.8	SRCGP4	R_ATT
553840.00	4181420.00	4.78E+00	1.8	SRCGP4	R_ATT
553840.00	4181440.00	4.40E+00	1.8	SRCGP4	R_ATT
553840.00	4181460.00	4.06E+00	1.8	SRCGP4	R_ATT
553840.00	4181480.00	3.76E+00	1.8	SRCGP4	R_ATT
553840.00	4181500.00	3.50E+00	1.8	SRCGP4	R_ATT
553840.00	4181520.00	3.26E+00	1.8	SRCGP4	R_ATT
553920.00	4180820.00	4.46E+01	1.8	SRCGP4	R_B4_BH
553940.00	4180820.00	4.39E+01	1.8	SRCGP4	R_B4_BH

553920.00	4180840.00	7.27E+01	1.8	SRCGP4	R_B4_BH
553940.00	4180840.00	9.05E+01	1.8	SRCGP4	R_B4_BH
553900.00	4180860.00	9.50E+01	1.8	SRCGP4	R_B4_BH
553920.00	4180860.00	1.09E+02	1.8	SRCGP4	R_B4_BH
553940.00	4180860.00	1.45E+02	1.8	SRCGP4	R_B4_BH
553900.00	4180880.00	1.66E+02	1.8	SRCGP4	R_B4_BH
553920.00	4180880.00	1.73E+02	1.8	SRCGP4	R_B4_BH
553960.00	4181040.00	2.04E+02	1.8	SRCGP4	R_PIER48
553980.00	4181040.00	1.42E+02	1.8	SRCGP4	R_PIER48
554000.00	4181040.00	1.07E+02	1.8	SRCGP4	R_PIER48
553960.00	4181060.00	1.86E+02	1.8	SRCGP4	R_PIER48
553980.00	4181060.00	1.28E+02	1.8	SRCGP4	R_PIER48
554000.00	4181060.00	9.80E+01	1.8	SRCGP4	R_PIER48
554020.00	4181060.00	7.92E+01	1.8	SRCGP4	R_PIER48
554040.00	4181060.00	6.64E+01	1.8	SRCGP4	R_PIER48
554060.00	4181060.00	5.69E+01	1.8	SRCGP4	R_PIER48
554080.00	4181060.00	4.96E+01	1.8	SRCGP4	R_PIER48
554100.00	4181060.00	4.37E+01	1.8	SRCGP4	R_PIER48
554120.00	4181060.00	3.89E+01	1.8	SRCGP4	R_PIER48
554140.00	4181060.00	3.48E+01	1.8	SRCGP4	R_PIER48
554160.00	4181060.00	3.14E+01	1.8	SRCGP4	R_PIER48
553960.00	4181080.00	1.37E+02	1.8	SRCGP4	R_PIER48
553980.00	4181080.00	1.06E+02	1.8	SRCGP4	R_PIER48
554000.00	4181080.00	8.54E+01	1.8	SRCGP4	R_PIER48
554020.00	4181080.00	7.10E+01	1.8	SRCGP4	R_PIER48
554040.00	4181080.00	6.06E+01	1.8	SRCGP4	R_PIER48
554060.00	4181080.00	5.26E+01	1.8	SRCGP4	R_PIER48
554080.00	4181080.00	4.63E+01	1.8	SRCGP4	R_PIER48
554100.00	4181080.00	4.12E+01	1.8	SRCGP4	R_PIER48
554120.00	4181080.00	3.69E+01	1.8	SRCGP4	R_PIER48
554140.00	4181080.00	3.33E+01	1.8	SRCGP4	R_PIER48
554160.00	4181080.00	3.02E+01	1.8	SRCGP4	R_PIER48
553960.00	4181100.00	9.73E+01	1.8	SRCGP4	R_PIER48
553980.00	4181100.00	8.38E+01	1.8	SRCGP4	R_PIER48
554000.00	4181100.00	7.17E+01	1.8	SRCGP4	R_PIER48
554020.00	4181100.00	6.19E+01	1.8	SRCGP4	R_PIER48
554040.00	4181100.00	5.41E+01	1.8	SRCGP4	R_PIER48
554060.00	4181100.00	4.78E+01	1.8	SRCGP4	R_PIER48
554080.00	4181100.00	4.27E+01	1.8	SRCGP4	R_PIER48
554100.00	4181100.00	3.83E+01	1.8	SRCGP4	R_PIER48
554120.00	4181100.00	3.46E+01	1.8	SRCGP4	R_PIER48
554140.00	4181100.00	3.15E+01	1.8	SRCGP4	R_PIER48
554160.00	4181100.00	2.87E+01	1.8	SRCGP4	R_PIER48
553960.00	4181120.00	7.24E+01	1.8	SRCGP4	R_PIER48
553980.00	4181120.00	6.58E+01	1.8	SRCGP4	R_PIER48
554000.00	4181120.00	5.92E+01	1.8	SRCGP4	R_PIER48
554020.00	4181120.00	5.30E+01	1.8	SRCGP4	R_PIER48

554040.00	4181120.00	4.75E+01	1.8	SRCGP4	R_PIER48
554060.00	4181120.00	4.28E+01	1.8	SRCGP4	R_PIER48
554080.00	4181120.00	3.88E+01	1.8	SRCGP4	R_PIER48
554100.00	4181120.00	3.53E+01	1.8	SRCGP4	R_PIER48
554120.00	4181120.00	3.22E+01	1.8	SRCGP4	R_PIER48
554140.00	4181120.00	2.95E+01	1.8	SRCGP4	R_PIER48
553940.00	4181140.00	5.75E+01	1.8	SRCGP4	R_PIER48
553960.00	4181140.00	5.54E+01	1.8	SRCGP4	R_PIER48
553980.00	4181140.00	5.23E+01	1.8	SRCGP4	R_PIER48
554000.00	4181140.00	4.87E+01	1.8	SRCGP4	R_PIER48
554020.00	4181140.00	4.49E+01	1.8	SRCGP4	R_PIER48
554040.00	4181140.00	4.13E+01	1.8	SRCGP4	R_PIER48
554060.00	4181140.00	3.80E+01	1.8	SRCGP4	R_PIER48
554080.00	4181140.00	3.49E+01	1.8	SRCGP4	R_PIER48
554100.00	4181140.00	3.21E+01	1.8	SRCGP4	R_PIER48
554120.00	4181140.00	2.97E+01	1.8	SRCGP4	R_PIER48
554140.00	4181140.00	2.74E+01	1.8	SRCGP4	R_PIER48
554040.00	4181160.00	3.57E+01	1.8	SRCGP4	R_PIER48
554060.00	4181160.00	3.34E+01	1.8	SRCGP4	R_PIER48
554080.00	4181160.00	3.12E+01	1.8	SRCGP4	R_PIER48
554100.00	4181160.00	2.91E+01	1.8	SRCGP4	R_PIER48
554120.00	4181160.00	2.71E+01	1.8	SRCGP4	R_PIER48
554140.00	4181160.00	2.53E+01	1.8	SRCGP4	R_PIER48
553980.00	4180780.00	2.14E+01	1.8	SRCGP4	R_PIER50
553980.00	4180800.00	3.10E+01	1.8	SRCGP4	R_PIER50
553980.00	4180820.00	4.96E+01	1.8	SRCGP4	R_PIER50
553980.00	4180840.00	8.34E+01	1.8	SRCGP4	R_PIER50
553980.00	4180860.00	1.22E+02	1.8	SRCGP4	R_PIER50
553980.00	4180880.00	1.50E+02	1.8	SRCGP4	R_PIER50
553980.00	4180900.00	1.66E+02	1.8	SRCGP4	R_PIER50
553980.00	4180920.00	1.69E+02	1.8	SRCGP4	R_PIER50
553980.00	4180940.00	1.65E+02	1.8	SRCGP4	R_PIER50
553980.00	4180960.00	1.60E+02	1.8	SRCGP4	R_PIER50
554000.00	4180720.00	1.01E+01	1.8	SRCGP4	R_PIER50
554000.00	4180740.00	1.27E+01	1.8	SRCGP4	R_PIER50
554000.00	4180760.00	1.65E+01	1.8	SRCGP4	R_PIER50
554000.00	4180780.00	2.21E+01	1.8	SRCGP4	R_PIER50
554000.00	4180800.00	3.10E+01	1.8	SRCGP4	R_PIER50
554000.00	4180820.00	4.51E+01	1.8	SRCGP4	R_PIER50
554000.00	4180840.00	6.47E+01	1.8	SRCGP4	R_PIER50
554000.00	4180860.00	8.62E+01	1.8	SRCGP4	R_PIER50
554000.00	4180880.00	1.04E+02	1.8	SRCGP4	R_PIER50
554000.00	4180900.00	1.16E+02	1.8	SRCGP4	R_PIER50
554000.00	4180920.00	1.22E+02	1.8	SRCGP4	R_PIER50
554000.00	4180940.00	1.23E+02	1.8	SRCGP4	R_PIER50
554000.00	4180960.00	1.21E+02	1.8	SRCGP4	R_PIER50
554020.00	4180840.00	5.27E+01	1.8	SRCGP4	R_PIER50

554020.00	4180860.00	6.64E+01	1.8	SRCGP4	R_PIER50
554020.00	4180880.00	7.86E+01	1.8	SRCGP4	R_PIER50
554020.00	4180900.00	8.77E+01	1.8	SRCGP4	R_PIER50
554020.00	4180920.00	9.31E+01	1.8	SRCGP4	R_PIER50
554020.00	4180940.00	9.55E+01	1.8	SRCGP4	R_PIER50
554020.00	4180960.00	9.59E+01	1.8	SRCGP4	R_PIER50
554040.00	4180840.00	4.44E+01	1.8	SRCGP4	R_PIER50
554040.00	4180860.00	5.39E+01	1.8	SRCGP4	R_PIER50
554040.00	4180880.00	6.25E+01	1.8	SRCGP4	R_PIER50
554040.00	4180900.00	6.95E+01	1.8	SRCGP4	R_PIER50
554040.00	4180920.00	7.43E+01	1.8	SRCGP4	R_PIER50
554040.00	4180940.00	7.71E+01	1.8	SRCGP4	R_PIER50
554040.00	4180960.00	7.82E+01	1.8	SRCGP4	R_PIER50
554060.00	4180840.00	3.83E+01	1.8	SRCGP4	R_PIER50
554060.00	4180860.00	4.52E+01	1.8	SRCGP4	R_PIER50
554060.00	4180880.00	5.17E+01	1.8	SRCGP4	R_PIER50
554060.00	4180900.00	5.71E+01	1.8	SRCGP4	R_PIER50
554060.00	4180920.00	6.12E+01	1.8	SRCGP4	R_PIER50
554060.00	4180940.00	6.38E+01	1.8	SRCGP4	R_PIER50
554060.00	4180960.00	6.52E+01	1.8	SRCGP4	R_PIER50
554080.00	4180840.00	3.36E+01	1.8	SRCGP4	R_PIER50
554080.00	4180860.00	3.89E+01	1.8	SRCGP4	R_PIER50
554080.00	4180880.00	4.39E+01	1.8	SRCGP4	R_PIER50
554080.00	4180900.00	4.82E+01	1.8	SRCGP4	R_PIER50
554080.00	4180920.00	5.15E+01	1.8	SRCGP4	R_PIER50
554080.00	4180940.00	5.39E+01	1.8	SRCGP4	R_PIER50
554080.00	4180960.00	5.53E+01	1.8	SRCGP4	R_PIER50
554100.00	4180840.00	2.99E+01	1.8	SRCGP4	R_PIER50
554100.00	4180860.00	3.40E+01	1.8	SRCGP4	R_PIER50
554100.00	4180880.00	3.79E+01	1.8	SRCGP4	R_PIER50
554100.00	4180900.00	4.14E+01	1.8	SRCGP4	R_PIER50
554100.00	4180920.00	4.42E+01	1.8	SRCGP4	R_PIER50
554100.00	4180940.00	4.63E+01	1.8	SRCGP4	R_PIER50
554100.00	4180960.00	4.76E+01	1.8	SRCGP4	R_PIER50
554120.00	4180840.00	2.68E+01	1.8	SRCGP4	R_PIER50
554120.00	4180860.00	3.02E+01	1.8	SRCGP4	R_PIER50
554120.00	4180880.00	3.33E+01	1.8	SRCGP4	R_PIER50
554120.00	4180900.00	3.62E+01	1.8	SRCGP4	R_PIER50
554120.00	4180920.00	3.85E+01	1.8	SRCGP4	R_PIER50
554120.00	4180940.00	4.03E+01	1.8	SRCGP4	R_PIER50
554120.00	4180960.00	4.15E+01	1.8	SRCGP4	R_PIER50
554140.00	4180840.00	2.43E+01	1.8	SRCGP4	R_PIER50
554140.00	4180860.00	2.70E+01	1.8	SRCGP4	R_PIER50
554140.00	4180880.00	2.96E+01	1.8	SRCGP4	R_PIER50
554140.00	4180900.00	3.20E+01	1.8	SRCGP4	R_PIER50
554140.00	4180920.00	3.39E+01	1.8	SRCGP4	R_PIER50
554140.00	4180940.00	3.55E+01	1.8	SRCGP4	R_PIER50

554140.00	4180960.00	3.66E+01	1.8	SRCGP4	R_PIER50
554160.00	4180840.00	2.21E+01	1.8	SRCGP4	R_PIER50
554160.00	4180860.00	2.44E+01	1.8	SRCGP4	R_PIER50
554160.00	4180880.00	2.66E+01	1.8	SRCGP4	R_PIER50
554160.00	4180900.00	2.85E+01	1.8	SRCGP4	R_PIER50
554160.00	4180920.00	3.02E+01	1.8	SRCGP4	R_PIER50
554160.00	4180940.00	3.15E+01	1.8	SRCGP4	R_PIER50
554160.00	4180960.00	3.25E+01	1.8	SRCGP4	R_PIER50
554180.00	4180840.00	2.03E+01	1.8	SRCGP4	R_PIER50
554180.00	4180860.00	2.22E+01	1.8	SRCGP4	R_PIER50
554180.00	4180880.00	2.40E+01	1.8	SRCGP4	R_PIER50
554180.00	4180900.00	2.57E+01	1.8	SRCGP4	R_PIER50
554180.00	4180920.00	2.71E+01	1.8	SRCGP4	R_PIER50
554180.00	4180940.00	2.83E+01	1.8	SRCGP4	R_PIER50
554180.00	4180960.00	2.91E+01	1.8	SRCGP4	R_PIER50
554200.00	4180840.00	1.87E+01	1.8	SRCGP4	R_PIER50
554200.00	4180860.00	2.03E+01	1.8	SRCGP4	R_PIER50
554200.00	4180880.00	2.19E+01	1.8	SRCGP4	R_PIER50
554200.00	4180900.00	2.33E+01	1.8	SRCGP4	R_PIER50
554200.00	4180920.00	2.45E+01	1.8	SRCGP4	R_PIER50
554200.00	4180940.00	2.55E+01	1.8	SRCGP4	R_PIER50
554200.00	4180960.00	2.62E+01	1.8	SRCGP4	R_PIER50
554220.00	4180840.00	1.73E+01	1.8	SRCGP4	R_PIER50
554220.00	4180860.00	1.87E+01	1.8	SRCGP4	R_PIER50
554220.00	4180880.00	2.00E+01	1.8	SRCGP4	R_PIER50
554220.00	4180900.00	2.12E+01	1.8	SRCGP4	R_PIER50
554220.00	4180920.00	2.23E+01	1.8	SRCGP4	R_PIER50
554220.00	4180940.00	2.31E+01	1.8	SRCGP4	R_PIER50
554220.00	4180960.00	2.38E+01	1.8	SRCGP4	R_PIER50
554240.00	4180820.00	1.48E+01	1.8	SRCGP4	R_PIER50
554240.00	4180840.00	1.60E+01	1.8	SRCGP4	R_PIER50
554240.00	4180860.00	1.73E+01	1.8	SRCGP4	R_PIER50
554240.00	4180880.00	1.84E+01	1.8	SRCGP4	R_PIER50
554240.00	4180900.00	1.94E+01	1.8	SRCGP4	R_PIER50
554240.00	4180920.00	2.04E+01	1.8	SRCGP4	R_PIER50
554240.00	4180940.00	2.11E+01	1.8	SRCGP4	R_PIER50
554240.00	4180960.00	2.17E+01	1.8	SRCGP4	R_PIER50
554260.00	4180820.00	1.39E+01	1.8	SRCGP4	R_PIER50
554260.00	4180840.00	1.49E+01	1.8	SRCGP4	R_PIER50
554260.00	4180860.00	1.60E+01	1.8	SRCGP4	R_PIER50
554260.00	4180880.00	1.70E+01	1.8	SRCGP4	R_PIER50
554260.00	4180900.00	1.79E+01	1.8	SRCGP4	R_PIER50
554260.00	4180920.00	1.87E+01	1.8	SRCGP4	R_PIER50
554260.00	4180940.00	1.94E+01	1.8	SRCGP4	R_PIER50
554260.00	4180960.00	1.99E+01	1.8	SRCGP4	R_PIER50
554280.00	4180800.00	1.21E+01	1.8	SRCGP4	R_PIER50
554280.00	4180820.00	1.30E+01	1.8	SRCGP4	R_PIER50

554280.00	4180840.00	1.40E+01	1.8	SRCGP4	R_PIER50
554280.00	4180860.00	1.49E+01	1.8	SRCGP4	R_PIER50
554280.00	4180880.00	1.58E+01	1.8	SRCGP4	R_PIER50
554280.00	4180900.00	1.66E+01	1.8	SRCGP4	R_PIER50
554280.00	4180920.00	1.73E+01	1.8	SRCGP4	R_PIER50
554280.00	4180940.00	1.79E+01	1.8	SRCGP4	R_PIER50
554280.00	4180960.00	1.83E+01	1.8	SRCGP4	R_PIER50
554300.00	4180780.00	1.05E+01	1.8	SRCGP4	R_PIER50
554300.00	4180800.00	1.14E+01	1.8	SRCGP4	R_PIER50
554300.00	4180820.00	1.23E+01	1.8	SRCGP4	R_PIER50
554300.00	4180840.00	1.31E+01	1.8	SRCGP4	R_PIER50
554300.00	4180860.00	1.39E+01	1.8	SRCGP4	R_PIER50
554300.00	4180880.00	1.47E+01	1.8	SRCGP4	R_PIER50
554300.00	4180900.00	1.54E+01	1.8	SRCGP4	R_PIER50
554300.00	4180920.00	1.60E+01	1.8	SRCGP4	R_PIER50
554300.00	4180940.00	1.65E+01	1.8	SRCGP4	R_PIER50
554300.00	4180960.00	1.70E+01	1.8	SRCGP4	R_PIER50
554320.00	4180780.00	1.00E+01	1.8	SRCGP4	R_PIER50
554320.00	4180800.00	1.08E+01	1.8	SRCGP4	R_PIER50
554320.00	4180820.00	1.16E+01	1.8	SRCGP4	R_PIER50
554320.00	4180840.00	1.23E+01	1.8	SRCGP4	R_PIER50
554320.00	4180860.00	1.30E+01	1.8	SRCGP4	R_PIER50
554320.00	4180880.00	1.37E+01	1.8	SRCGP4	R_PIER50
554320.00	4180900.00	1.43E+01	1.8	SRCGP4	R_PIER50
554320.00	4180920.00	1.49E+01	1.8	SRCGP4	R_PIER50
554320.00	4180940.00	1.54E+01	1.8	SRCGP4	R_PIER50
554320.00	4180960.00	1.57E+01	1.8	SRCGP4	R_PIER50
554340.00	4180760.00	8.88E+00	1.8	SRCGP4	R_PIER50
554340.00	4180780.00	9.55E+00	1.8	SRCGP4	R_PIER50
554340.00	4180800.00	1.02E+01	1.8	SRCGP4	R_PIER50
554340.00	4180820.00	1.09E+01	1.8	SRCGP4	R_PIER50
554340.00	4180840.00	1.16E+01	1.8	SRCGP4	R_PIER50
554340.00	4180860.00	1.22E+01	1.8	SRCGP4	R_PIER50
554340.00	4180880.00	1.28E+01	1.8	SRCGP4	R_PIER50
554340.00	4180900.00	1.34E+01	1.8	SRCGP4	R_PIER50
554340.00	4180920.00	1.39E+01	1.8	SRCGP4	R_PIER50
554340.00	4180940.00	1.43E+01	1.8	SRCGP4	R_PIER50
554340.00	4180960.00	1.47E+01	1.8	SRCGP4	R_PIER50
554360.00	4180760.00	8.50E+00	1.8	SRCGP4	R_PIER50
554360.00	4180780.00	9.11E+00	1.8	SRCGP4	R_PIER50
554360.00	4180800.00	9.73E+00	1.8	SRCGP4	R_PIER50
554360.00	4180820.00	1.03E+01	1.8	SRCGP4	R_PIER50
554360.00	4180840.00	1.09E+01	1.8	SRCGP4	R_PIER50
554360.00	4180860.00	1.15E+01	1.8	SRCGP4	R_PIER50
554360.00	4180880.00	1.20E+01	1.8	SRCGP4	R_PIER50
554360.00	4180900.00	1.25E+01	1.8	SRCGP4	R_PIER50
554360.00	4180920.00	1.30E+01	1.8	SRCGP4	R_PIER50

554360.00	4180940.00	1.34E+01	1.8	SRCGP4	R_PIER50
554360.00	4180960.00	1.37E+01	1.8	SRCGP4	R_PIER50
554380.00	4180740.00	7.59E+00	1.8	SRCGP4	R_PIER50
554380.00	4180760.00	8.14E+00	1.8	SRCGP4	R_PIER50
554380.00	4180780.00	8.69E+00	1.8	SRCGP4	R_PIER50
554380.00	4180800.00	9.25E+00	1.8	SRCGP4	R_PIER50
554380.00	4180820.00	9.80E+00	1.8	SRCGP4	R_PIER50
554380.00	4180840.00	1.03E+01	1.8	SRCGP4	R_PIER50
554380.00	4180860.00	1.09E+01	1.8	SRCGP4	R_PIER50
554380.00	4180880.00	1.13E+01	1.8	SRCGP4	R_PIER50
554380.00	4180900.00	1.18E+01	1.8	SRCGP4	R_PIER50
554380.00	4180920.00	1.22E+01	1.8	SRCGP4	R_PIER50
554380.00	4180940.00	1.25E+01	1.8	SRCGP4	R_PIER50
554380.00	4180960.00	1.28E+01	1.8	SRCGP4	R_PIER50
554400.00	4180740.00	7.30E+00	1.8	SRCGP4	R_PIER50
554400.00	4180760.00	7.80E+00	1.8	SRCGP4	R_PIER50
554400.00	4180780.00	8.31E+00	1.8	SRCGP4	R_PIER50
554400.00	4180800.00	8.81E+00	1.8	SRCGP4	R_PIER50
554400.00	4180820.00	9.31E+00	1.8	SRCGP4	R_PIER50
554400.00	4180840.00	9.80E+00	1.8	SRCGP4	R_PIER50
554400.00	4180860.00	1.03E+01	1.8	SRCGP4	R_PIER50
554400.00	4180880.00	1.07E+01	1.8	SRCGP4	R_PIER50
554400.00	4180900.00	1.11E+01	1.8	SRCGP4	R_PIER50
554400.00	4180920.00	1.15E+01	1.8	SRCGP4	R_PIER50
554400.00	4180940.00	1.18E+01	1.8	SRCGP4	R_PIER50
554400.00	4180960.00	1.20E+01	1.8	SRCGP4	R_PIER50
554420.00	4180720.00	6.58E+00	1.8	SRCGP4	R_PIER50
554420.00	4180740.00	7.03E+00	1.8	SRCGP4	R_PIER50
554420.00	4180760.00	7.48E+00	1.8	SRCGP4	R_PIER50
554420.00	4180780.00	7.95E+00	1.8	SRCGP4	R_PIER50
554420.00	4180800.00	8.41E+00	1.8	SRCGP4	R_PIER50
554420.00	4180820.00	8.86E+00	1.8	SRCGP4	R_PIER50
554420.00	4180840.00	9.30E+00	1.8	SRCGP4	R_PIER50
554420.00	4180860.00	9.72E+00	1.8	SRCGP4	R_PIER50
554420.00	4180880.00	1.01E+01	1.8	SRCGP4	R_PIER50
554420.00	4180900.00	1.05E+01	1.8	SRCGP4	R_PIER50
554420.00	4180920.00	1.08E+01	1.8	SRCGP4	R_PIER50
554420.00	4180940.00	1.11E+01	1.8	SRCGP4	R_PIER50
554420.00	4180960.00	1.13E+01	1.8	SRCGP4	R_PIER50
554440.00	4180720.00	6.35E+00	1.8	SRCGP4	R_PIER50
554440.00	4180740.00	6.77E+00	1.8	SRCGP4	R_PIER50
554440.00	4180760.00	7.19E+00	1.8	SRCGP4	R_PIER50
554440.00	4180780.00	7.61E+00	1.8	SRCGP4	R_PIER50
554440.00	4180800.00	8.03E+00	1.8	SRCGP4	R_PIER50
554440.00	4180820.00	8.44E+00	1.8	SRCGP4	R_PIER50
554440.00	4180840.00	8.84E+00	1.8	SRCGP4	R_PIER50
554440.00	4180860.00	9.22E+00	1.8	SRCGP4	R_PIER50

554440.00	4180880.00	9.58E+00	1.8	SRCGP4	R_PIER50
554440.00	4180900.00	9.90E+00	1.8	SRCGP4	R_PIER50
554440.00	4180920.00	1.02E+01	1.8	SRCGP4	R_PIER50
554440.00	4180940.00	1.05E+01	1.8	SRCGP4	R_PIER50
554440.00	4180960.00	1.07E+01	1.8	SRCGP4	R_PIER50
553680.00	4180480.00	2.42E+00	1.8	SRCGP4	Sensitive
553360.00	4181000.00	3.27E+00	1.8	SRCGP4	Sensitive
553160.00	4180800.00	1.88E+00	1.8	SRCGP4	Sensitive
552940.00	4180980.00	1.16E+00	1.8	SRCGP4	Sensitive
553440.00	4180240.00	1.15E+00	1.8	SRCGP4	Sensitive
553920.00	4180800.00	2.90E+01	1.8	SRCGP4	Sensitive
553400.00	4180440.00	1.77E+00	1.8	SRCGP4	Sensitive
553920.00	4180000.00	6.09E-01	1.8	SRCGP4	Sensitive
553560.00	4180360.00	1.61E+00	1.8	SRCGP4	Sensitive
553360.00	4180340.00	1.36E+00	1.8	SRCGP4	Sensitive
553160.00	4181180.00	1.65E+00	1.8	SRCGP4	Sensitive



**Annual Average Concentration at Each Receptor Location: Mission Rock Operation Scenario - Source Group 1**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	2.03E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180540.00	2.09E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180560.00	2.16E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180580.00	2.22E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180600.00	2.29E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180620.00	2.36E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180640.00	2.42E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180660.00	2.48E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180720.00	2.66E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180740.00	2.72E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180760.00	2.77E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180780.00	2.81E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180800.00	2.85E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180840.00	2.91E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180860.00	2.94E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180880.00	2.96E+00	1.8	SRCGP5	OFF_SITE
553440.00	4180900.00	2.97E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181020.00	2.96E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181040.00	2.94E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181060.00	2.92E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181080.00	2.89E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181160.00	2.75E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181180.00	2.70E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181200.00	2.65E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181220.00	2.60E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181240.00	2.55E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181260.00	2.49E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181300.00	2.38E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181320.00	2.32E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181340.00	2.27E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181360.00	2.21E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181380.00	2.15E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181400.00	2.10E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181420.00	2.05E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181440.00	1.99E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181460.00	1.94E+00	1.8	SRCGP5	OFF_SITE
553440.00	4181480.00	1.89E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180520.00	2.09E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180540.00	2.16E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180560.00	2.23E+00	1.8	SRCGP5	OFF_SITE

553460.00	4180580.00	2.30E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180600.00	2.37E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180620.00	2.44E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180640.00	2.51E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180660.00	2.58E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180700.00	2.72E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180740.00	2.85E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180760.00	2.90E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180780.00	2.95E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180800.00	3.00E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180820.00	3.04E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180860.00	3.10E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180880.00	3.12E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180900.00	3.14E+00	1.8	SRCGP5	OFF_SITE
553460.00	4180920.00	3.15E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181040.00	3.11E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181060.00	3.08E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181120.00	2.98E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181140.00	2.94E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181180.00	2.84E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181200.00	2.78E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181220.00	2.73E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181240.00	2.67E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181260.00	2.61E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181280.00	2.55E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181320.00	2.42E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181340.00	2.36E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181360.00	2.30E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181380.00	2.24E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181400.00	2.18E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181420.00	2.12E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181440.00	2.07E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181460.00	2.01E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181500.00	1.90E+00	1.8	SRCGP5	OFF_SITE
553460.00	4181520.00	1.85E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180520.00	2.15E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180540.00	2.22E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180560.00	2.30E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180580.00	2.38E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180600.00	2.45E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180620.00	2.53E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180640.00	2.61E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180660.00	2.69E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180700.00	2.84E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180720.00	2.91E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180760.00	3.05E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180780.00	3.11E+00	1.8	SRCGP5	OFF_SITE

553480.00	4180800.00	3.16E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180820.00	3.21E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180840.00	3.24E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180880.00	3.30E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180900.00	3.32E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180920.00	3.34E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180940.00	3.34E+00	1.8	SRCGP5	OFF_SITE
553480.00	4180960.00	3.35E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181040.00	3.29E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181080.00	3.23E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181100.00	3.19E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181120.00	3.15E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181140.00	3.10E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181160.00	3.05E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181200.00	2.93E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181220.00	2.87E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181240.00	2.80E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181260.00	2.73E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181280.00	2.67E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181300.00	2.60E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181340.00	2.46E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181360.00	2.40E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181380.00	2.33E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181400.00	2.27E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181420.00	2.20E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181440.00	2.14E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181480.00	2.02E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181500.00	1.97E+00	1.8	SRCGP5	OFF_SITE
553480.00	4181520.00	1.91E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180520.00	2.21E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180540.00	2.29E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180560.00	2.37E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180580.00	2.46E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180600.00	2.54E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180620.00	2.63E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180640.00	2.71E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180660.00	2.80E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180700.00	2.97E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180720.00	3.05E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180740.00	3.13E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180780.00	3.27E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180800.00	3.33E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180820.00	3.38E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180840.00	3.43E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180860.00	3.47E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180900.00	3.52E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180920.00	3.54E+00	1.8	SRCGP5	OFF_SITE

553500.00	4180940.00	3.55E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180960.00	3.55E+00	1.8	SRCGP5	OFF_SITE
553500.00	4180980.00	3.55E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181000.00	3.53E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181060.00	3.46E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181080.00	3.42E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181100.00	3.38E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181120.00	3.33E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181140.00	3.27E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181160.00	3.22E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181180.00	3.15E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181220.00	3.01E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181240.00	2.94E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181260.00	2.87E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181280.00	2.79E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181300.00	2.72E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181320.00	2.64E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181360.00	2.50E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181380.00	2.43E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181400.00	2.36E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181420.00	2.29E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181460.00	2.16E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181480.00	2.09E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181500.00	2.03E+00	1.8	SRCGP5	OFF_SITE
553500.00	4181520.00	1.97E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180520.00	2.28E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180540.00	2.36E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180560.00	2.45E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180580.00	2.54E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180600.00	2.63E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180620.00	2.72E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180640.00	2.82E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180660.00	2.91E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180700.00	3.10E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180720.00	3.20E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180740.00	3.29E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180760.00	3.37E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180800.00	3.52E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180820.00	3.58E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180840.00	3.63E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180860.00	3.68E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180880.00	3.72E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180920.00	3.76E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180940.00	3.77E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180960.00	3.78E+00	1.8	SRCGP5	OFF_SITE
553520.00	4180980.00	3.77E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181000.00	3.76E+00	1.8	SRCGP5	OFF_SITE

553520.00	4181080.00	3.63E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181100.00	3.58E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181120.00	3.53E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181140.00	3.47E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181160.00	3.40E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181180.00	3.33E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181200.00	3.25E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181240.00	3.09E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181260.00	3.01E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181280.00	2.93E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181300.00	2.85E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181320.00	2.77E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181340.00	2.68E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181380.00	2.53E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181400.00	2.45E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181440.00	2.31E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181460.00	2.24E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181480.00	2.17E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181500.00	2.10E+00	1.8	SRCGP5	OFF_SITE
553520.00	4181520.00	2.03E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180520.00	2.34E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180540.00	2.43E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180560.00	2.52E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180580.00	2.62E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180600.00	2.72E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180620.00	2.82E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180640.00	2.93E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180660.00	3.03E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180700.00	3.25E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180720.00	3.35E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180740.00	3.45E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180760.00	3.55E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180780.00	3.64E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180820.00	3.79E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180840.00	3.86E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180860.00	3.91E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180880.00	3.95E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180900.00	3.99E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180940.00	4.02E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180960.00	4.03E+00	1.8	SRCGP5	OFF_SITE
553540.00	4180980.00	4.02E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181100.00	3.81E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181120.00	3.75E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181140.00	3.68E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181160.00	3.60E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181180.00	3.52E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181200.00	3.44E+00	1.8	SRCGP5	OFF_SITE

553540.00	4181220.00	3.35E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181260.00	3.17E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181280.00	3.07E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181300.00	2.98E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181320.00	2.89E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181340.00	2.81E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181360.00	2.72E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181420.00	2.47E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181440.00	2.39E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181460.00	2.32E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181480.00	2.24E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181500.00	2.17E+00	1.8	SRCGP5	OFF_SITE
553540.00	4181520.00	2.10E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180520.00	2.41E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180540.00	2.50E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180560.00	2.60E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180580.00	2.71E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180600.00	2.82E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180620.00	2.93E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180640.00	3.04E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180660.00	3.16E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180700.00	3.39E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180720.00	3.51E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180740.00	3.63E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180760.00	3.74E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180780.00	3.84E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180800.00	3.94E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180840.00	4.10E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180860.00	4.16E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180880.00	4.21E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180900.00	4.25E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180920.00	4.28E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181000.00	4.28E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181020.00	4.26E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181120.00	3.99E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181140.00	3.91E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181160.00	3.82E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181180.00	3.73E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181200.00	3.63E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181220.00	3.54E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181240.00	3.43E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181280.00	3.23E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181300.00	3.13E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181320.00	3.03E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181340.00	2.93E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181420.00	2.57E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181440.00	2.48E+00	1.8	SRCGP5	OFF_SITE

553560.00	4181460.00	2.40E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181480.00	2.32E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181500.00	2.24E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181520.00	2.17E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180520.00	2.47E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180540.00	2.58E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180560.00	2.68E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180580.00	2.80E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180600.00	2.91E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180620.00	3.03E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180640.00	3.16E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180660.00	3.29E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180700.00	3.55E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180720.00	3.68E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180740.00	3.81E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180760.00	3.94E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180780.00	4.06E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180800.00	4.17E+00	1.8	SRCGP5	OFF_SITE
553580.00	4180820.00	4.27E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181000.00	4.59E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181020.00	4.56E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181040.00	4.52E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181140.00	4.16E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181160.00	4.06E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181180.00	3.96E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181200.00	3.85E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181220.00	3.74E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181240.00	3.62E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181260.00	3.51E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181300.00	3.29E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181320.00	3.18E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181440.00	2.58E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181460.00	2.49E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181480.00	2.40E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181500.00	2.32E+00	1.8	SRCGP5	OFF_SITE
553580.00	4181520.00	2.24E+00	1.8	SRCGP5	OFF_SITE
553600.00	4180800.00	4.43E+00	1.8	SRCGP5	OFF_SITE
553600.00	4180820.00	4.55E+00	1.8	SRCGP5	OFF_SITE
553600.00	4180840.00	4.65E+00	1.8	SRCGP5	OFF_SITE
553600.00	4180860.00	4.74E+00	1.8	SRCGP5	OFF_SITE
553600.00	4180900.00	4.88E+00	1.8	SRCGP5	OFF_SITE
553600.00	4180920.00	4.92E+00	1.8	SRCGP5	OFF_SITE
553600.00	4180940.00	4.95E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181000.00	4.93E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181020.00	4.90E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181040.00	4.85E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181060.00	4.79E+00	1.8	SRCGP5	OFF_SITE

553600.00	4181160.00	4.33E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181180.00	4.21E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181200.00	4.09E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181220.00	3.96E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181240.00	3.83E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181260.00	3.70E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181280.00	3.58E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181460.00	2.58E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181480.00	2.48E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181500.00	2.39E+00	1.8	SRCGP5	OFF_SITE
553600.00	4181520.00	2.31E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180520.00	2.61E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180540.00	2.73E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180560.00	2.85E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180600.00	3.12E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180620.00	3.26E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180640.00	3.41E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180660.00	3.56E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180700.00	3.89E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180720.00	4.05E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180740.00	4.22E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180760.00	4.39E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180780.00	4.55E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180800.00	4.70E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180820.00	4.84E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180840.00	4.97E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180860.00	5.08E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180900.00	5.25E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180920.00	5.30E+00	1.8	SRCGP5	OFF_SITE
553620.00	4180940.00	5.33E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181000.00	5.32E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181020.00	5.28E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181040.00	5.23E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181060.00	5.16E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181080.00	5.08E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181180.00	4.48E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181200.00	4.34E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181220.00	4.20E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181240.00	4.05E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181260.00	3.91E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181280.00	3.77E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181480.00	2.57E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181500.00	2.47E+00	1.8	SRCGP5	OFF_SITE
553620.00	4181520.00	2.38E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180520.00	2.68E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180540.00	2.80E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180560.00	2.93E+00	1.8	SRCGP5	OFF_SITE



553640.00	4180600.00	3.22E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180620.00	3.37E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180640.00	3.54E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180660.00	3.71E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180700.00	4.06E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180720.00	4.25E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180740.00	4.44E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180760.00	4.63E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180780.00	4.82E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180800.00	5.00E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180820.00	5.17E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180840.00	5.32E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180860.00	5.45E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180900.00	5.66E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180920.00	5.72E+00	1.8	SRCGP5	OFF_SITE
553640.00	4180940.00	5.76E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181000.00	5.76E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181020.00	5.71E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181040.00	5.65E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181060.00	5.57E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181080.00	5.47E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181100.00	5.36E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181200.00	4.62E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181220.00	4.46E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181240.00	4.30E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181260.00	4.14E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181500.00	2.55E+00	1.8	SRCGP5	OFF_SITE
553640.00	4181520.00	2.45E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180520.00	2.74E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180540.00	2.88E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180560.00	3.02E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180600.00	3.32E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180620.00	3.49E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180640.00	3.67E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180660.00	3.85E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180700.00	4.25E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180720.00	4.46E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180740.00	4.68E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180760.00	4.89E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180780.00	5.11E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180800.00	5.32E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180820.00	5.52E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180840.00	5.70E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180860.00	5.87E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180900.00	6.12E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180920.00	6.20E+00	1.8	SRCGP5	OFF_SITE
553660.00	4180940.00	6.25E+00	1.8	SRCGP5	OFF_SITE

553660.00	4181000.00	6.25E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181020.00	6.20E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181040.00	6.13E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181060.00	6.03E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181080.00	5.92E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181100.00	5.78E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181120.00	5.63E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181220.00	4.74E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181240.00	4.56E+00	1.8	SRCGP5	OFF_SITE
553660.00	4181520.00	2.52E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180520.00	2.81E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180540.00	2.95E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180560.00	3.10E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180600.00	3.43E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180620.00	3.61E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180640.00	3.80E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180660.00	4.00E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180700.00	4.44E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180720.00	4.68E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180740.00	4.92E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180760.00	5.17E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180780.00	5.42E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180800.00	5.67E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180820.00	5.90E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180840.00	6.13E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180860.00	6.33E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180900.00	6.64E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180920.00	6.74E+00	1.8	SRCGP5	OFF_SITE
553680.00	4180940.00	6.81E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181000.00	6.82E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181020.00	6.76E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181040.00	6.67E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181060.00	6.56E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181080.00	6.42E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181100.00	6.26E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181120.00	6.09E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181140.00	5.89E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180520.00	2.88E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180540.00	3.03E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180560.00	3.19E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180600.00	3.54E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180620.00	3.73E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180640.00	3.94E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180660.00	4.16E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180700.00	4.64E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180720.00	4.90E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180740.00	5.18E+00	1.8	SRCGP5	OFF_SITE

553700.00	4180760.00	5.46E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180780.00	5.75E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180800.00	6.04E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180820.00	6.32E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180840.00	6.59E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180860.00	6.83E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180900.00	7.22E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180920.00	7.36E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180940.00	7.44E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181000.00	7.46E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181020.00	7.39E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181040.00	7.29E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181060.00	7.16E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181080.00	6.99E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181100.00	6.80E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181120.00	6.59E+00	1.8	SRCGP5	OFF_SITE
553700.00	4181140.00	6.37E+00	1.8	SRCGP5	OFF_SITE
553720.00	4180520.00	2.95E+00	1.8	SRCGP5	OFF_SITE
553720.00	4180540.00	3.10E+00	1.8	SRCGP5	OFF_SITE
553720.00	4180560.00	3.27E+00	1.8	SRCGP5	OFF_SITE
553720.00	4180600.00	3.64E+00	1.8	SRCGP5	OFF_SITE
553720.00	4180620.00	3.85E+00	1.8	SRCGP5	OFF_SITE
553720.00	4180640.00	4.08E+00	1.8	SRCGP5	OFF_SITE
553720.00	4180660.00	4.32E+00	1.8	SRCGP5	OFF_SITE
553740.00	4180520.00	3.01E+00	1.8	SRCGP5	OFF_SITE
553740.00	4180540.00	3.17E+00	1.8	SRCGP5	OFF_SITE
553740.00	4180560.00	3.35E+00	1.8	SRCGP5	OFF_SITE
553760.00	4180620.00	4.09E+00	1.8	SRCGP5	OFF_SITE
553760.00	4180640.00	4.35E+00	1.8	SRCGP5	OFF_SITE
553760.00	4180660.00	4.63E+00	1.8	SRCGP5	OFF_SITE
553760.00	4180680.00	4.93E+00	1.8	SRCGP5	OFF_SITE
553760.00	4180720.00	5.62E+00	1.8	SRCGP5	OFF_SITE
553760.00	4180740.00	6.01E+00	1.8	SRCGP5	OFF_SITE
553760.00	4180760.00	6.42E+00	1.8	SRCGP5	OFF_SITE
553760.00	4180780.00	6.85E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180520.00	3.13E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180540.00	3.31E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180560.00	3.51E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180580.00	3.72E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180600.00	3.95E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180620.00	4.21E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180640.00	4.48E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180660.00	4.79E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180680.00	5.12E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180720.00	5.87E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180740.00	6.30E+00	1.8	SRCGP5	OFF_SITE
553780.00	4180760.00	6.76E+00	1.8	SRCGP5	OFF_SITE

553780.00	4180780.00	7.25E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180520.00	3.19E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180540.00	3.38E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180560.00	3.58E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180580.00	3.81E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180600.00	4.05E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180620.00	4.32E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180640.00	4.61E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180660.00	4.94E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180680.00	5.29E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180720.00	6.12E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180740.00	6.59E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180760.00	7.10E+00	1.8	SRCGP5	OFF_SITE
553800.00	4180780.00	7.67E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180520.00	3.24E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180540.00	3.44E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180560.00	3.65E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180580.00	3.89E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180620.00	4.43E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180640.00	4.74E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180660.00	5.09E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180680.00	5.47E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180720.00	6.36E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180740.00	6.88E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180760.00	7.45E+00	1.8	SRCGP5	OFF_SITE
553820.00	4180780.00	8.09E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180520.00	3.29E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180540.00	3.50E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180560.00	3.72E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180580.00	3.96E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180620.00	4.53E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180640.00	4.86E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180660.00	5.23E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180680.00	5.63E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180720.00	6.60E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180740.00	7.17E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180760.00	7.80E+00	1.8	SRCGP5	OFF_SITE
553840.00	4180780.00	8.51E+00	1.8	SRCGP5	OFF_SITE
553860.00	4180520.00	3.34E+00	1.8	SRCGP5	OFF_SITE
553860.00	4180540.00	3.55E+00	1.8	SRCGP5	OFF_SITE
553860.00	4180560.00	3.78E+00	1.8	SRCGP5	OFF_SITE
553860.00	4180580.00	4.03E+00	1.8	SRCGP5	OFF_SITE
553860.00	4180620.00	4.63E+00	1.8	SRCGP5	OFF_SITE
553860.00	4180640.00	4.97E+00	1.8	SRCGP5	OFF_SITE
553860.00	4180660.00	5.36E+00	1.8	SRCGP5	OFF_SITE
553860.00	4180680.00	5.79E+00	1.8	SRCGP5	OFF_SITE
553860.00	4180720.00	6.82E+00	1.8	SRCGP5	OFF_SITE

553860.00	4180740.00	7.44E+00	1.8	SRCGP5	OFF_SITE
553860.00	4180760.00	8.14E+00	1.8	SRCGP5	OFF_SITE
553860.00	4180780.00	8.93E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180520.00	3.38E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180540.00	3.60E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180560.00	3.83E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180580.00	4.10E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180620.00	4.71E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180640.00	5.08E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180660.00	5.48E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180680.00	5.94E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180720.00	7.04E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180740.00	7.70E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180760.00	8.46E+00	1.8	SRCGP5	OFF_SITE
553880.00	4180780.00	9.33E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180520.00	3.42E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180540.00	3.64E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180560.00	3.88E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180580.00	4.15E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180620.00	4.79E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180640.00	5.17E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180660.00	5.59E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180680.00	6.07E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180720.00	7.23E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180740.00	7.94E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180760.00	8.76E+00	1.8	SRCGP5	OFF_SITE
553900.00	4180780.00	9.70E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180520.00	3.45E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180540.00	3.67E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180560.00	3.92E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180580.00	4.20E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180620.00	4.86E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180640.00	5.24E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180660.00	5.68E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180680.00	6.18E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180720.00	7.40E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180740.00	8.15E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180760.00	9.02E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180780.00	1.00E+01	1.8	SRCGP5	OFF_SITE
553940.00	4180520.00	3.47E+00	1.8	SRCGP5	OFF_SITE
553940.00	4180540.00	3.70E+00	1.8	SRCGP5	OFF_SITE
553940.00	4180560.00	3.95E+00	1.8	SRCGP5	OFF_SITE
553940.00	4180580.00	4.24E+00	1.8	SRCGP5	OFF_SITE
553940.00	4180620.00	4.91E+00	1.8	SRCGP5	OFF_SITE
553940.00	4180640.00	5.31E+00	1.8	SRCGP5	OFF_SITE
553940.00	4180660.00	5.76E+00	1.8	SRCGP5	OFF_SITE
553940.00	4180680.00	6.28E+00	1.8	SRCGP5	OFF_SITE

553940.00	4180720.00	7.54E+00	1.8	SRCGP5	OFF_SITE
553940.00	4180740.00	8.33E+00	1.8	SRCGP5	OFF_SITE
553940.00	4180760.00	9.25E+00	1.8	SRCGP5	OFF_SITE
553940.00	4180780.00	1.03E+01	1.8	SRCGP5	OFF_SITE
553960.00	4180520.00	3.48E+00	1.8	SRCGP5	OFF_SITE
553960.00	4180540.00	3.72E+00	1.8	SRCGP5	OFF_SITE
553960.00	4180560.00	3.98E+00	1.8	SRCGP5	OFF_SITE
553960.00	4180580.00	4.26E+00	1.8	SRCGP5	OFF_SITE
553960.00	4180620.00	4.95E+00	1.8	SRCGP5	OFF_SITE
553960.00	4180640.00	5.35E+00	1.8	SRCGP5	OFF_SITE
553960.00	4180660.00	5.82E+00	1.8	SRCGP5	OFF_SITE
553960.00	4180680.00	6.35E+00	1.8	SRCGP5	OFF_SITE
553960.00	4180720.00	7.65E+00	1.8	SRCGP5	OFF_SITE
553960.00	4180740.00	8.47E+00	1.8	SRCGP5	OFF_SITE
553960.00	4180760.00	9.42E+00	1.8	SRCGP5	OFF_SITE
553980.00	4180520.00	3.49E+00	1.8	SRCGP5	OFF_SITE
553980.00	4180540.00	3.73E+00	1.8	SRCGP5	OFF_SITE
553980.00	4180560.00	3.99E+00	1.8	SRCGP5	OFF_SITE
553980.00	4180580.00	4.28E+00	1.8	SRCGP5	OFF_SITE
553980.00	4180620.00	4.97E+00	1.8	SRCGP5	OFF_SITE
553980.00	4180640.00	5.38E+00	1.8	SRCGP5	OFF_SITE
553980.00	4180660.00	5.85E+00	1.8	SRCGP5	OFF_SITE
553980.00	4180680.00	6.39E+00	1.8	SRCGP5	OFF_SITE
553560.00	4181180.00	3.73E+00	1.8	SRCGP5	OFF_SITE
553920.00	4180660.00	5.68E+00	1.8	SRCGP5	OFF_SITE
553700.00	4180920.00	7.36E+00	1.8	SRCGP5	OFF_SITE
553560.00	4180920.00	4.28E+00	1.8	SRCGP5	OFF_SITE
553680.00	4181060.00	6.56E+00	1.8	SRCGP5	OFF_SITE
553760.00	4181080.00	9.27E+00	1.8	SRCGP5	R_A1_BA
553780.00	4181080.00	1.03E+01	1.8	SRCGP5	R_A1_BA
553760.00	4181100.00	8.93E+00	1.8	SRCGP5	R_A1_BA
553780.00	4181100.00	9.86E+00	1.8	SRCGP5	R_A1_BA
553760.00	4181120.00	8.56E+00	1.8	SRCGP5	R_A1_BA
553780.00	4181120.00	9.41E+00	1.8	SRCGP5	R_A1_BA
553760.00	4181140.00	8.17E+00	1.8	SRCGP5	R_A1_BA
553780.00	4181140.00	8.93E+00	1.8	SRCGP5	R_A1_BA
553760.00	4181000.00	1.01E+01	1.8	SRCGP5	R_A1_BB
553780.00	4181000.00	1.13E+01	1.8	SRCGP5	R_A1_BB
553760.00	4181020.00	1.00E+01	1.8	SRCGP5	R_A1_BB
553780.00	4181020.00	1.12E+01	1.8	SRCGP5	R_A1_BB
553760.00	4181040.00	9.81E+00	1.8	SRCGP5	R_A1_BB
553780.00	4181040.00	1.10E+01	1.8	SRCGP5	R_A1_BB
553780.00	4181060.00	1.07E+01	1.8	SRCGP5	R_A1_BB
553760.00	4180900.00	9.51E+00	1.8	SRCGP5	R_A1_BC
553780.00	4180900.00	1.05E+01	1.8	SRCGP5	R_A1_BC
553760.00	4180920.00	9.81E+00	1.8	SRCGP5	R_A1_BC
553780.00	4180920.00	1.09E+01	1.8	SRCGP5	R_A1_BC

553760.00	4180940.00	1.00E+01	1.8	SRCGP5	R_A1_BC
553780.00	4180940.00	1.12E+01	1.8	SRCGP5	R_A1_BC
553760.00	4180960.00	1.01E+01	1.8	SRCGP5	R_A1_BC
553780.00	4180960.00	1.13E+01	1.8	SRCGP5	R_A1_BC
553760.00	4180820.00	7.78E+00	1.8	SRCGP5	R_A1_BD1
553780.00	4180820.00	8.34E+00	1.8	SRCGP5	R_A1_BD1
553760.00	4180840.00	8.26E+00	1.8	SRCGP5	R_A1_BD1
553780.00	4180840.00	8.91E+00	1.8	SRCGP5	R_A1_BD1
553760.00	4180860.00	8.72E+00	1.8	SRCGP5	R_A1_BD1
553780.00	4180860.00	9.48E+00	1.8	SRCGP5	R_A1_BD1
553760.00	4180880.00	9.14E+00	1.8	SRCGP5	R_A1_BD1
553800.00	4180820.00	8.93E+00	1.8	SRCGP5	R_A1_BD2
553820.00	4180820.00	9.55E+00	1.8	SRCGP5	R_A1_BD2
553840.00	4180820.00	1.02E+01	1.8	SRCGP5	R_A1_BD2
553860.00	4180820.00	1.08E+01	1.8	SRCGP5	R_A1_BD2
553880.00	4180820.00	1.15E+01	1.8	SRCGP5	R_A1_BD2
553800.00	4180840.00	9.61E+00	1.8	SRCGP5	R_A1_BD2
553820.00	4180840.00	1.04E+01	1.8	SRCGP5	R_A1_BD2
553840.00	4180840.00	1.11E+01	1.8	SRCGP5	R_A1_BD2
553860.00	4180840.00	1.20E+01	1.8	SRCGP5	R_A1_BD2
553880.00	4180840.00	1.28E+01	1.8	SRCGP5	R_A1_BD2
553800.00	4180860.00	1.03E+01	1.8	SRCGP5	R_A1_BD2
553820.00	4180860.00	1.12E+01	1.8	SRCGP5	R_A1_BD2
553840.00	4180860.00	1.22E+01	1.8	SRCGP5	R_A1_BD2
553860.00	4180860.00	1.32E+01	1.8	SRCGP5	R_A1_BD2
553880.00	4180860.00	1.43E+01	1.8	SRCGP5	R_A1_BD2
553780.00	4180880.00	1.00E+01	1.8	SRCGP5	R_A1_BD2
553800.00	4180880.00	1.10E+01	1.8	SRCGP5	R_A1_BD2
553820.00	4180880.00	1.21E+01	1.8	SRCGP5	R_A1_BD2
553840.00	4180880.00	1.33E+01	1.8	SRCGP5	R_A1_BD2
553860.00	4180880.00	1.46E+01	1.8	SRCGP5	R_A1_BD2
553820.00	4181100.00	1.22E+01	1.8	SRCGP5	R_A2_BG
553840.00	4181100.00	1.36E+01	1.8	SRCGP5	R_A2_BG
553860.00	4181100.00	1.53E+01	1.8	SRCGP5	R_A2_BG
553820.00	4181120.00	1.15E+01	1.8	SRCGP5	R_A2_BG
553840.00	4181120.00	1.27E+01	1.8	SRCGP5	R_A2_BG
553860.00	4181120.00	1.42E+01	1.8	SRCGP5	R_A2_BG
553900.00	4181100.00	1.95E+01	1.8	SRCGP5	R_A2_BK
553920.00	4181100.00	2.20E+01	1.8	SRCGP5	R_A2_BK
553900.00	4181120.00	1.77E+01	1.8	SRCGP5	R_A2_BK
553920.00	4181120.00	1.96E+01	1.8	SRCGP5	R_A2_BK
553860.00	4181140.00	1.31E+01	1.8	SRCGP5	R_A2_PK
553880.00	4181140.00	1.44E+01	1.8	SRCGP5	R_A2_PK
553900.00	4181140.00	1.59E+01	1.8	SRCGP5	R_A2_PK
553920.00	4181140.00	1.75E+01	1.8	SRCGP5	R_A2_PK
553800.00	4181160.00	9.21E+00	1.8	SRCGP5	R_A2_PK
553820.00	4181160.00	1.01E+01	1.8	SRCGP5	R_A2_PK

553840.00	4181160.00	1.10E+01	1.8	SRCGP5	R_A2_PK
553860.00	4181160.00	1.20E+01	1.8	SRCGP5	R_A2_PK
553880.00	4181160.00	1.31E+01	1.8	SRCGP5	R_A2_PK
553900.00	4181160.00	1.43E+01	1.8	SRCGP5	R_A2_PK
553920.00	4181160.00	1.55E+01	1.8	SRCGP5	R_A2_PK
553740.00	4181180.00	6.82E+00	1.8	SRCGP5	R_A2_PK
553760.00	4181180.00	7.37E+00	1.8	SRCGP5	R_A2_PK
553780.00	4181180.00	7.98E+00	1.8	SRCGP5	R_A2_PK
553800.00	4181180.00	8.64E+00	1.8	SRCGP5	R_A2_PK
553820.00	4181180.00	9.38E+00	1.8	SRCGP5	R_A2_PK
553840.00	4181180.00	1.02E+01	1.8	SRCGP5	R_A2_PK
553860.00	4181180.00	1.10E+01	1.8	SRCGP5	R_A2_PK
553880.00	4181180.00	1.20E+01	1.8	SRCGP5	R_A2_PK
553900.00	4181180.00	1.29E+01	1.8	SRCGP5	R_A2_PK
553920.00	4181180.00	1.38E+01	1.8	SRCGP5	R_A2_PK
553740.00	4181200.00	6.49E+00	1.8	SRCGP5	R_A2_PK
553760.00	4181200.00	6.98E+00	1.8	SRCGP5	R_A2_PK
553780.00	4181200.00	7.52E+00	1.8	SRCGP5	R_A2_PK
553800.00	4181200.00	8.10E+00	1.8	SRCGP5	R_A2_PK
553820.00	4181200.00	8.73E+00	1.8	SRCGP5	R_A2_PK
553840.00	4181200.00	9.41E+00	1.8	SRCGP5	R_A2_PK
553860.00	4181200.00	1.01E+01	1.8	SRCGP5	R_A2_PK
553880.00	4181200.00	1.09E+01	1.8	SRCGP5	R_A2_PK
553900.00	4181200.00	1.16E+01	1.8	SRCGP5	R_A2_PK
553920.00	4181200.00	1.24E+01	1.8	SRCGP5	R_A2_PK
553840.00	4180920.00	1.53E+01	1.8	SRCGP5	R_A3_BE
553860.00	4180920.00	1.73E+01	1.8	SRCGP5	R_A3_BE
553820.00	4180940.00	1.42E+01	1.8	SRCGP5	R_A3_BE
553840.00	4180940.00	1.61E+01	1.8	SRCGP5	R_A3_BE
553860.00	4180940.00	1.84E+01	1.8	SRCGP5	R_A3_BE
553820.00	4181040.00	1.40E+01	1.8	SRCGP5	R_A3_BF
553840.00	4181040.00	1.60E+01	1.8	SRCGP5	R_A3_BF
553860.00	4181040.00	1.84E+01	1.8	SRCGP5	R_A3_BF
553820.00	4181060.00	1.35E+01	1.8	SRCGP5	R_A3_BF
553840.00	4181060.00	1.53E+01	1.8	SRCGP5	R_A3_BF
553860.00	4181060.00	1.75E+01	1.8	SRCGP5	R_A3_BF
553800.00	4180960.00	1.28E+01	1.8	SRCGP5	R_A3_SQ
553820.00	4180960.00	1.45E+01	1.8	SRCGP5	R_A3_SQ
553840.00	4180960.00	1.66E+01	1.8	SRCGP5	R_A3_SQ
553860.00	4180960.00	1.92E+01	1.8	SRCGP5	R_A3_SQ
553800.00	4180980.00	1.29E+01	1.8	SRCGP5	R_A3_SQ
553820.00	4180980.00	1.47E+01	1.8	SRCGP5	R_A3_SQ
553840.00	4180980.00	1.68E+01	1.8	SRCGP5	R_A3_SQ
553860.00	4180980.00	1.96E+01	1.8	SRCGP5	R_A3_SQ
553800.00	4181000.00	1.28E+01	1.8	SRCGP5	R_A3_SQ
553820.00	4181000.00	1.46E+01	1.8	SRCGP5	R_A3_SQ
553840.00	4181000.00	1.68E+01	1.8	SRCGP5	R_A3_SQ



553860.00	4181000.00	1.95E+01	1.8	SRCGP5	R_A3_SQ
553800.00	4181020.00	1.26E+01	1.8	SRCGP5	R_A3_SQ
553820.00	4181020.00	1.44E+01	1.8	SRCGP5	R_A3_SQ
553840.00	4181020.00	1.65E+01	1.8	SRCGP5	R_A3_SQ
553860.00	4181020.00	1.91E+01	1.8	SRCGP5	R_A3_SQ
553900.00	4180920.00	2.20E+01	1.8	SRCGP5	R_A4_BI
553920.00	4180920.00	2.46E+01	1.8	SRCGP5	R_A4_BI
553900.00	4180940.00	2.44E+01	1.8	SRCGP5	R_A4_BI
553920.00	4180940.00	2.79E+01	1.8	SRCGP5	R_A4_BI
553900.00	4180960.00	2.63E+01	1.8	SRCGP5	R_A4_BI
553920.00	4180960.00	3.09E+01	1.8	SRCGP5	R_A4_BI
553900.00	4181000.00	2.73E+01	1.8	SRCGP5	R_A4_BJ
553920.00	4181000.00	3.28E+01	1.8	SRCGP5	R_A4_BJ
553900.00	4181020.00	2.64E+01	1.8	SRCGP5	R_A4_BJ
553920.00	4181020.00	3.16E+01	1.8	SRCGP5	R_A4_BJ
553900.00	4181040.00	2.51E+01	1.8	SRCGP5	R_A4_BJ
553920.00	4181040.00	2.96E+01	1.8	SRCGP5	R_A4_BJ
553900.00	4181060.00	2.33E+01	1.8	SRCGP5	R_A4_BJ
553920.00	4181060.00	2.72E+01	1.8	SRCGP5	R_A4_BJ
553900.00	4181000.00	2.73E+01	1.8	SRCGP5	R_A4_BJ
553920.00	4181000.00	3.28E+01	1.8	SRCGP5	R_A4_BJ
553900.00	4180980.00	2.73E+01	1.8	SRCGP5	R_A4_CL
553920.00	4180980.00	3.27E+01	1.8	SRCGP5	R_A4_CL
553940.00	4180980.00	3.92E+01	1.8	SRCGP5	R_A4_CL
553880.00	4181000.00	2.29E+01	1.8	SRCGP5	R_A4_CL
553940.00	4181000.00	3.96E+01	1.8	SRCGP5	R_A4_CL
553940.00	4181080.00	2.80E+01	1.8	SRCGP5	R_A4_CL
553880.00	4180980.00	2.30E+01	1.8	SRCGP5	R_A4_CL
553600.00	4181380.00	2.99E+00	1.8	SRCGP5	R_ATT
553600.00	4181400.00	2.88E+00	1.8	SRCGP5	R_ATT
553620.00	4181340.00	3.37E+00	1.8	SRCGP5	R_ATT
553620.00	4181360.00	3.24E+00	1.8	SRCGP5	R_ATT
553620.00	4181380.00	3.12E+00	1.8	SRCGP5	R_ATT
553620.00	4181400.00	3.00E+00	1.8	SRCGP5	R_ATT
553620.00	4181420.00	2.89E+00	1.8	SRCGP5	R_ATT
553640.00	4181340.00	3.53E+00	1.8	SRCGP5	R_ATT
553640.00	4181320.00	3.68E+00	1.8	SRCGP5	R_ATT
553640.00	4181360.00	3.39E+00	1.8	SRCGP5	R_ATT
553640.00	4181380.00	3.26E+00	1.8	SRCGP5	R_ATT
553640.00	4181400.00	3.13E+00	1.8	SRCGP5	R_ATT
553640.00	4181420.00	3.00E+00	1.8	SRCGP5	R_ATT
553640.00	4181440.00	2.88E+00	1.8	SRCGP5	R_ATT
553660.00	4181320.00	3.86E+00	1.8	SRCGP5	R_ATT
553660.00	4181340.00	3.70E+00	1.8	SRCGP5	R_ATT
553660.00	4181360.00	3.55E+00	1.8	SRCGP5	R_ATT
553660.00	4181380.00	3.40E+00	1.8	SRCGP5	R_ATT
553660.00	4181400.00	3.26E+00	1.8	SRCGP5	R_ATT

553660.00	4181420.00	3.12E+00	1.8	SRCGP5	R_ATT
553660.00	4181440.00	2.99E+00	1.8	SRCGP5	R_ATT
553660.00	4181460.00	2.86E+00	1.8	SRCGP5	R_ATT
553680.00	4181360.00	3.71E+00	1.8	SRCGP5	R_ATT
553680.00	4181380.00	3.55E+00	1.8	SRCGP5	R_ATT
553680.00	4181400.00	3.39E+00	1.8	SRCGP5	R_ATT
553680.00	4181420.00	3.24E+00	1.8	SRCGP5	R_ATT
553680.00	4181440.00	3.10E+00	1.8	SRCGP5	R_ATT
553680.00	4181460.00	2.96E+00	1.8	SRCGP5	R_ATT
553680.00	4181480.00	2.83E+00	1.8	SRCGP5	R_ATT
553680.00	4181340.00	3.88E+00	1.8	SRCGP5	R_ATT
553680.00	4181320.00	4.06E+00	1.8	SRCGP5	R_ATT
553700.00	4181360.00	3.88E+00	1.8	SRCGP5	R_ATT
553700.00	4181380.00	3.70E+00	1.8	SRCGP5	R_ATT
553700.00	4181400.00	3.53E+00	1.8	SRCGP5	R_ATT
553700.00	4181420.00	3.36E+00	1.8	SRCGP5	R_ATT
553700.00	4181440.00	3.21E+00	1.8	SRCGP5	R_ATT
553700.00	4181460.00	3.06E+00	1.8	SRCGP5	R_ATT
553700.00	4181480.00	2.92E+00	1.8	SRCGP5	R_ATT
553700.00	4181500.00	2.79E+00	1.8	SRCGP5	R_ATT
553700.00	4181340.00	4.07E+00	1.8	SRCGP5	R_ATT
553700.00	4181320.00	4.27E+00	1.8	SRCGP5	R_ATT
553720.00	4181360.00	4.05E+00	1.8	SRCGP5	R_ATT
553720.00	4181380.00	3.85E+00	1.8	SRCGP5	R_ATT
553720.00	4181400.00	3.67E+00	1.8	SRCGP5	R_ATT
553720.00	4181420.00	3.49E+00	1.8	SRCGP5	R_ATT
553720.00	4181440.00	3.32E+00	1.8	SRCGP5	R_ATT
553720.00	4181460.00	3.16E+00	1.8	SRCGP5	R_ATT
553720.00	4181480.00	3.01E+00	1.8	SRCGP5	R_ATT
553720.00	4181500.00	2.87E+00	1.8	SRCGP5	R_ATT
553720.00	4181520.00	2.74E+00	1.8	SRCGP5	R_ATT
553720.00	4181340.00	4.27E+00	1.8	SRCGP5	R_ATT
553720.00	4181320.00	4.49E+00	1.8	SRCGP5	R_ATT
553740.00	4181360.00	4.23E+00	1.8	SRCGP5	R_ATT
553740.00	4181380.00	4.01E+00	1.8	SRCGP5	R_ATT
553740.00	4181400.00	3.81E+00	1.8	SRCGP5	R_ATT
553740.00	4181420.00	3.61E+00	1.8	SRCGP5	R_ATT
553740.00	4181440.00	3.43E+00	1.8	SRCGP5	R_ATT
553740.00	4181460.00	3.26E+00	1.8	SRCGP5	R_ATT
553740.00	4181480.00	3.10E+00	1.8	SRCGP5	R_ATT
553740.00	4181500.00	2.95E+00	1.8	SRCGP5	R_ATT
553740.00	4181520.00	2.81E+00	1.8	SRCGP5	R_ATT
553740.00	4181340.00	4.47E+00	1.8	SRCGP5	R_ATT
553740.00	4181320.00	4.72E+00	1.8	SRCGP5	R_ATT
553760.00	4181360.00	4.42E+00	1.8	SRCGP5	R_ATT
553760.00	4181380.00	4.18E+00	1.8	SRCGP5	R_ATT
553760.00	4181400.00	3.95E+00	1.8	SRCGP5	R_ATT

553760.00	4181420.00	3.74E+00	1.8	SRCGP5	R_ATT
553760.00	4181440.00	3.54E+00	1.8	SRCGP5	R_ATT
553760.00	4181460.00	3.36E+00	1.8	SRCGP5	R_ATT
553760.00	4181480.00	3.19E+00	1.8	SRCGP5	R_ATT
553760.00	4181500.00	3.03E+00	1.8	SRCGP5	R_ATT
553760.00	4181520.00	2.88E+00	1.8	SRCGP5	R_ATT
553760.00	4181340.00	4.68E+00	1.8	SRCGP5	R_ATT
553760.00	4181320.00	4.95E+00	1.8	SRCGP5	R_ATT
553780.00	4181360.00	4.60E+00	1.8	SRCGP5	R_ATT
553780.00	4181380.00	4.34E+00	1.8	SRCGP5	R_ATT
553780.00	4181400.00	4.09E+00	1.8	SRCGP5	R_ATT
553780.00	4181420.00	3.87E+00	1.8	SRCGP5	R_ATT
553780.00	4181440.00	3.65E+00	1.8	SRCGP5	R_ATT
553780.00	4181460.00	3.46E+00	1.8	SRCGP5	R_ATT
553780.00	4181480.00	3.28E+00	1.8	SRCGP5	R_ATT
553780.00	4181500.00	3.11E+00	1.8	SRCGP5	R_ATT
553780.00	4181520.00	2.95E+00	1.8	SRCGP5	R_ATT
553780.00	4181340.00	4.89E+00	1.8	SRCGP5	R_ATT
553800.00	4181360.00	4.79E+00	1.8	SRCGP5	R_ATT
553800.00	4181380.00	4.50E+00	1.8	SRCGP5	R_ATT
553800.00	4181400.00	4.23E+00	1.8	SRCGP5	R_ATT
553800.00	4181420.00	3.99E+00	1.8	SRCGP5	R_ATT
553800.00	4181440.00	3.76E+00	1.8	SRCGP5	R_ATT
553800.00	4181460.00	3.55E+00	1.8	SRCGP5	R_ATT
553800.00	4181480.00	3.36E+00	1.8	SRCGP5	R_ATT
553800.00	4181500.00	3.18E+00	1.8	SRCGP5	R_ATT
553800.00	4181520.00	3.02E+00	1.8	SRCGP5	R_ATT
553820.00	4181360.00	4.98E+00	1.8	SRCGP5	R_ATT
553820.00	4181380.00	4.66E+00	1.8	SRCGP5	R_ATT
553820.00	4181400.00	4.37E+00	1.8	SRCGP5	R_ATT
553820.00	4181420.00	4.11E+00	1.8	SRCGP5	R_ATT
553820.00	4181440.00	3.87E+00	1.8	SRCGP5	R_ATT
553820.00	4181460.00	3.65E+00	1.8	SRCGP5	R_ATT
553820.00	4181480.00	3.44E+00	1.8	SRCGP5	R_ATT
553820.00	4181500.00	3.25E+00	1.8	SRCGP5	R_ATT
553820.00	4181520.00	3.08E+00	1.8	SRCGP5	R_ATT
553840.00	4181360.00	5.16E+00	1.8	SRCGP5	R_ATT
553840.00	4181380.00	4.82E+00	1.8	SRCGP5	R_ATT
553840.00	4181400.00	4.51E+00	1.8	SRCGP5	R_ATT
553840.00	4181420.00	4.23E+00	1.8	SRCGP5	R_ATT
553840.00	4181440.00	3.97E+00	1.8	SRCGP5	R_ATT
553840.00	4181460.00	3.73E+00	1.8	SRCGP5	R_ATT
553840.00	4181480.00	3.52E+00	1.8	SRCGP5	R_ATT
553840.00	4181500.00	3.32E+00	1.8	SRCGP5	R_ATT
553840.00	4181520.00	3.14E+00	1.8	SRCGP5	R_ATT
553920.00	4180820.00	1.26E+01	1.8	SRCGP5	R_B4_BH
553940.00	4180820.00	1.31E+01	1.8	SRCGP5	R_B4_BH

553920.00	4180840.00	1.43E+01	1.8	SRCGP5	R_B4_BH
553940.00	4180840.00	1.50E+01	1.8	SRCGP5	R_B4_BH
553900.00	4180860.00	1.53E+01	1.8	SRCGP5	R_B4_BH
553920.00	4180860.00	1.63E+01	1.8	SRCGP5	R_B4_BH
553940.00	4180860.00	1.72E+01	1.8	SRCGP5	R_B4_BH
553900.00	4180880.00	1.73E+01	1.8	SRCGP5	R_B4_BH
553920.00	4180880.00	1.86E+01	1.8	SRCGP5	R_B4_BH
553960.00	4181040.00	3.93E+01	1.8	SRCGP5	R_PIER48
553980.00	4181040.00	4.03E+01	1.8	SRCGP5	R_PIER48
554000.00	4181040.00	3.30E+01	1.8	SRCGP5	R_PIER48
553960.00	4181060.00	3.56E+01	1.8	SRCGP5	R_PIER48
553980.00	4181060.00	3.83E+01	1.8	SRCGP5	R_PIER48
554000.00	4181060.00	3.82E+01	1.8	SRCGP5	R_PIER48
554020.00	4181060.00	3.71E+01	1.8	SRCGP5	R_PIER48
554040.00	4181060.00	3.99E+01	1.8	SRCGP5	R_PIER48
554060.00	4181060.00	4.63E+01	1.8	SRCGP5	R_PIER48
554080.00	4181060.00	5.01E+01	1.8	SRCGP5	R_PIER48
554100.00	4181060.00	4.86E+01	1.8	SRCGP5	R_PIER48
554120.00	4181060.00	4.41E+01	1.8	SRCGP5	R_PIER48
554140.00	4181060.00	3.90E+01	1.8	SRCGP5	R_PIER48
554160.00	4181060.00	3.40E+01	1.8	SRCGP5	R_PIER48
553960.00	4181080.00	3.15E+01	1.8	SRCGP5	R_PIER48
553980.00	4181080.00	3.43E+01	1.8	SRCGP5	R_PIER48
554000.00	4181080.00	3.60E+01	1.8	SRCGP5	R_PIER48
554020.00	4181080.00	3.68E+01	1.8	SRCGP5	R_PIER48
554040.00	4181080.00	3.84E+01	1.8	SRCGP5	R_PIER48
554060.00	4181080.00	4.09E+01	1.8	SRCGP5	R_PIER48
554080.00	4181080.00	4.22E+01	1.8	SRCGP5	R_PIER48
554100.00	4181080.00	4.11E+01	1.8	SRCGP5	R_PIER48
554120.00	4181080.00	3.83E+01	1.8	SRCGP5	R_PIER48
554140.00	4181080.00	3.47E+01	1.8	SRCGP5	R_PIER48
554160.00	4181080.00	3.10E+01	1.8	SRCGP5	R_PIER48
553960.00	4181100.00	2.74E+01	1.8	SRCGP5	R_PIER48
553980.00	4181100.00	2.97E+01	1.8	SRCGP5	R_PIER48
554000.00	4181100.00	3.13E+01	1.8	SRCGP5	R_PIER48
554020.00	4181100.00	3.24E+01	1.8	SRCGP5	R_PIER48
554040.00	4181100.00	3.34E+01	1.8	SRCGP5	R_PIER48
554060.00	4181100.00	3.45E+01	1.8	SRCGP5	R_PIER48
554080.00	4181100.00	3.50E+01	1.8	SRCGP5	R_PIER48
554100.00	4181100.00	3.44E+01	1.8	SRCGP5	R_PIER48
554120.00	4181100.00	3.27E+01	1.8	SRCGP5	R_PIER48
554140.00	4181100.00	3.04E+01	1.8	SRCGP5	R_PIER48
554160.00	4181100.00	2.78E+01	1.8	SRCGP5	R_PIER48
553960.00	4181120.00	2.37E+01	1.8	SRCGP5	R_PIER48
553980.00	4181120.00	2.54E+01	1.8	SRCGP5	R_PIER48
554000.00	4181120.00	2.66E+01	1.8	SRCGP5	R_PIER48
554020.00	4181120.00	2.75E+01	1.8	SRCGP5	R_PIER48

554040.00	4181120.00	2.82E+01	1.8	SRCGP5	R_PIER48
554060.00	4181120.00	2.88E+01	1.8	SRCGP5	R_PIER48
554080.00	4181120.00	2.91E+01	1.8	SRCGP5	R_PIER48
554100.00	4181120.00	2.88E+01	1.8	SRCGP5	R_PIER48
554120.00	4181120.00	2.78E+01	1.8	SRCGP5	R_PIER48
554140.00	4181120.00	2.63E+01	1.8	SRCGP5	R_PIER48
553940.00	4181140.00	1.90E+01	1.8	SRCGP5	R_PIER48
553960.00	4181140.00	2.05E+01	1.8	SRCGP5	R_PIER48
553980.00	4181140.00	2.17E+01	1.8	SRCGP5	R_PIER48
554000.00	4181140.00	2.26E+01	1.8	SRCGP5	R_PIER48
554020.00	4181140.00	2.33E+01	1.8	SRCGP5	R_PIER48
554040.00	4181140.00	2.38E+01	1.8	SRCGP5	R_PIER48
554060.00	4181140.00	2.42E+01	1.8	SRCGP5	R_PIER48
554080.00	4181140.00	2.44E+01	1.8	SRCGP5	R_PIER48
554100.00	4181140.00	2.43E+01	1.8	SRCGP5	R_PIER48
554120.00	4181140.00	2.37E+01	1.8	SRCGP5	R_PIER48
554140.00	4181140.00	2.28E+01	1.8	SRCGP5	R_PIER48
554040.00	4181160.00	2.02E+01	1.8	SRCGP5	R_PIER48
554060.00	4181160.00	2.05E+01	1.8	SRCGP5	R_PIER48
554080.00	4181160.00	2.07E+01	1.8	SRCGP5	R_PIER48
554100.00	4181160.00	2.06E+01	1.8	SRCGP5	R_PIER48
554120.00	4181160.00	2.03E+01	1.8	SRCGP5	R_PIER48
554140.00	4181160.00	1.97E+01	1.8	SRCGP5	R_PIER48
553980.00	4180780.00	1.07E+01	1.8	SRCGP5	R_PIER50
553980.00	4180800.00	1.21E+01	1.8	SRCGP5	R_PIER50
553980.00	4180820.00	1.38E+01	1.8	SRCGP5	R_PIER50
553980.00	4180840.00	1.59E+01	1.8	SRCGP5	R_PIER50
553980.00	4180860.00	1.84E+01	1.8	SRCGP5	R_PIER50
553980.00	4180880.00	2.16E+01	1.8	SRCGP5	R_PIER50
553980.00	4180900.00	2.56E+01	1.8	SRCGP5	R_PIER50
553980.00	4180920.00	3.07E+01	1.8	SRCGP5	R_PIER50
553980.00	4180940.00	3.67E+01	1.8	SRCGP5	R_PIER50
553980.00	4180960.00	4.32E+01	1.8	SRCGP5	R_PIER50
554000.00	4180720.00	7.76E+00	1.8	SRCGP5	R_PIER50
554000.00	4180740.00	8.61E+00	1.8	SRCGP5	R_PIER50
554000.00	4180760.00	9.60E+00	1.8	SRCGP5	R_PIER50
554000.00	4180780.00	1.08E+01	1.8	SRCGP5	R_PIER50
554000.00	4180800.00	1.22E+01	1.8	SRCGP5	R_PIER50
554000.00	4180820.00	1.40E+01	1.8	SRCGP5	R_PIER50
554000.00	4180840.00	1.61E+01	1.8	SRCGP5	R_PIER50
554000.00	4180860.00	1.87E+01	1.8	SRCGP5	R_PIER50
554000.00	4180880.00	2.20E+01	1.8	SRCGP5	R_PIER50
554000.00	4180900.00	2.62E+01	1.8	SRCGP5	R_PIER50
554000.00	4180920.00	3.12E+01	1.8	SRCGP5	R_PIER50
554000.00	4180940.00	3.67E+01	1.8	SRCGP5	R_PIER50
554000.00	4180960.00	4.09E+01	1.8	SRCGP5	R_PIER50
554020.00	4180840.00	1.61E+01	1.8	SRCGP5	R_PIER50

554020.00	4180860.00	1.87E+01	1.8	SRCGP5	R_PIER50
554020.00	4180880.00	2.20E+01	1.8	SRCGP5	R_PIER50
554020.00	4180900.00	2.62E+01	1.8	SRCGP5	R_PIER50
554020.00	4180920.00	3.11E+01	1.8	SRCGP5	R_PIER50
554020.00	4180940.00	3.58E+01	1.8	SRCGP5	R_PIER50
554020.00	4180960.00	3.69E+01	1.8	SRCGP5	R_PIER50
554040.00	4180840.00	1.59E+01	1.8	SRCGP5	R_PIER50
554040.00	4180860.00	1.85E+01	1.8	SRCGP5	R_PIER50
554040.00	4180880.00	2.17E+01	1.8	SRCGP5	R_PIER50
554040.00	4180900.00	2.56E+01	1.8	SRCGP5	R_PIER50
554040.00	4180920.00	3.03E+01	1.8	SRCGP5	R_PIER50
554040.00	4180940.00	3.48E+01	1.8	SRCGP5	R_PIER50
554040.00	4180960.00	3.63E+01	1.8	SRCGP5	R_PIER50
554060.00	4180840.00	1.55E+01	1.8	SRCGP5	R_PIER50
554060.00	4180860.00	1.79E+01	1.8	SRCGP5	R_PIER50
554060.00	4180880.00	2.09E+01	1.8	SRCGP5	R_PIER50
554060.00	4180900.00	2.46E+01	1.8	SRCGP5	R_PIER50
554060.00	4180920.00	2.90E+01	1.8	SRCGP5	R_PIER50
554060.00	4180940.00	3.38E+01	1.8	SRCGP5	R_PIER50
554060.00	4180960.00	3.80E+01	1.8	SRCGP5	R_PIER50
554080.00	4180840.00	1.49E+01	1.8	SRCGP5	R_PIER50
554080.00	4180860.00	1.72E+01	1.8	SRCGP5	R_PIER50
554080.00	4180880.00	2.00E+01	1.8	SRCGP5	R_PIER50
554080.00	4180900.00	2.34E+01	1.8	SRCGP5	R_PIER50
554080.00	4180920.00	2.76E+01	1.8	SRCGP5	R_PIER50
554080.00	4180940.00	3.29E+01	1.8	SRCGP5	R_PIER50
554080.00	4180960.00	3.98E+01	1.8	SRCGP5	R_PIER50
554100.00	4180840.00	1.43E+01	1.8	SRCGP5	R_PIER50
554100.00	4180860.00	1.64E+01	1.8	SRCGP5	R_PIER50
554100.00	4180880.00	1.89E+01	1.8	SRCGP5	R_PIER50
554100.00	4180900.00	2.21E+01	1.8	SRCGP5	R_PIER50
554100.00	4180920.00	2.62E+01	1.8	SRCGP5	R_PIER50
554100.00	4180940.00	3.18E+01	1.8	SRCGP5	R_PIER50
554100.00	4180960.00	3.94E+01	1.8	SRCGP5	R_PIER50
554120.00	4180840.00	1.36E+01	1.8	SRCGP5	R_PIER50
554120.00	4180860.00	1.55E+01	1.8	SRCGP5	R_PIER50
554120.00	4180880.00	1.79E+01	1.8	SRCGP5	R_PIER50
554120.00	4180900.00	2.09E+01	1.8	SRCGP5	R_PIER50
554120.00	4180920.00	2.49E+01	1.8	SRCGP5	R_PIER50
554120.00	4180940.00	3.01E+01	1.8	SRCGP5	R_PIER50
554120.00	4180960.00	3.68E+01	1.8	SRCGP5	R_PIER50
554140.00	4180840.00	1.29E+01	1.8	SRCGP5	R_PIER50
554140.00	4180860.00	1.47E+01	1.8	SRCGP5	R_PIER50
554140.00	4180880.00	1.69E+01	1.8	SRCGP5	R_PIER50
554140.00	4180900.00	1.98E+01	1.8	SRCGP5	R_PIER50
554140.00	4180920.00	2.34E+01	1.8	SRCGP5	R_PIER50
554140.00	4180940.00	2.80E+01	1.8	SRCGP5	R_PIER50

554140.00	4180960.00	3.33E+01	1.8	SRCGP5	R_PIER50
554160.00	4180840.00	1.23E+01	1.8	SRCGP5	R_PIER50
554160.00	4180860.00	1.40E+01	1.8	SRCGP5	R_PIER50
554160.00	4180880.00	1.60E+01	1.8	SRCGP5	R_PIER50
554160.00	4180900.00	1.86E+01	1.8	SRCGP5	R_PIER50
554160.00	4180920.00	2.18E+01	1.8	SRCGP5	R_PIER50
554160.00	4180940.00	2.56E+01	1.8	SRCGP5	R_PIER50
554160.00	4180960.00	2.96E+01	1.8	SRCGP5	R_PIER50
554180.00	4180840.00	1.17E+01	1.8	SRCGP5	R_PIER50
554180.00	4180860.00	1.33E+01	1.8	SRCGP5	R_PIER50
554180.00	4180880.00	1.52E+01	1.8	SRCGP5	R_PIER50
554180.00	4180900.00	1.74E+01	1.8	SRCGP5	R_PIER50
554180.00	4180920.00	2.02E+01	1.8	SRCGP5	R_PIER50
554180.00	4180940.00	2.32E+01	1.8	SRCGP5	R_PIER50
554180.00	4180960.00	2.63E+01	1.8	SRCGP5	R_PIER50
554200.00	4180840.00	1.12E+01	1.8	SRCGP5	R_PIER50
554200.00	4180860.00	1.26E+01	1.8	SRCGP5	R_PIER50
554200.00	4180880.00	1.43E+01	1.8	SRCGP5	R_PIER50
554200.00	4180900.00	1.63E+01	1.8	SRCGP5	R_PIER50
554200.00	4180920.00	1.85E+01	1.8	SRCGP5	R_PIER50
554200.00	4180940.00	2.10E+01	1.8	SRCGP5	R_PIER50
554200.00	4180960.00	2.33E+01	1.8	SRCGP5	R_PIER50
554220.00	4180840.00	1.06E+01	1.8	SRCGP5	R_PIER50
554220.00	4180860.00	1.19E+01	1.8	SRCGP5	R_PIER50
554220.00	4180880.00	1.34E+01	1.8	SRCGP5	R_PIER50
554220.00	4180900.00	1.51E+01	1.8	SRCGP5	R_PIER50
554220.00	4180920.00	1.70E+01	1.8	SRCGP5	R_PIER50
554220.00	4180940.00	1.90E+01	1.8	SRCGP5	R_PIER50
554220.00	4180960.00	2.08E+01	1.8	SRCGP5	R_PIER50
554240.00	4180820.00	9.08E+00	1.8	SRCGP5	R_PIER50
554240.00	4180840.00	1.01E+01	1.8	SRCGP5	R_PIER50
554240.00	4180860.00	1.13E+01	1.8	SRCGP5	R_PIER50
554240.00	4180880.00	1.26E+01	1.8	SRCGP5	R_PIER50
554240.00	4180900.00	1.40E+01	1.8	SRCGP5	R_PIER50
554240.00	4180920.00	1.56E+01	1.8	SRCGP5	R_PIER50
554240.00	4180940.00	1.72E+01	1.8	SRCGP5	R_PIER50
554240.00	4180960.00	1.86E+01	1.8	SRCGP5	R_PIER50
554260.00	4180820.00	8.67E+00	1.8	SRCGP5	R_PIER50
554260.00	4180840.00	9.58E+00	1.8	SRCGP5	R_PIER50
554260.00	4180860.00	1.06E+01	1.8	SRCGP5	R_PIER50
554260.00	4180880.00	1.18E+01	1.8	SRCGP5	R_PIER50
554260.00	4180900.00	1.30E+01	1.8	SRCGP5	R_PIER50
554260.00	4180920.00	1.43E+01	1.8	SRCGP5	R_PIER50
554260.00	4180940.00	1.56E+01	1.8	SRCGP5	R_PIER50
554260.00	4180960.00	1.67E+01	1.8	SRCGP5	R_PIER50
554280.00	4180800.00	7.53E+00	1.8	SRCGP5	R_PIER50
554280.00	4180820.00	8.26E+00	1.8	SRCGP5	R_PIER50

554280.00	4180840.00	9.09E+00	1.8	SRCGP5	R_PIER50
554280.00	4180860.00	1.00E+01	1.8	SRCGP5	R_PIER50
554280.00	4180880.00	1.10E+01	1.8	SRCGP5	R_PIER50
554280.00	4180900.00	1.21E+01	1.8	SRCGP5	R_PIER50
554280.00	4180920.00	1.32E+01	1.8	SRCGP5	R_PIER50
554280.00	4180940.00	1.42E+01	1.8	SRCGP5	R_PIER50
554280.00	4180960.00	1.51E+01	1.8	SRCGP5	R_PIER50
554300.00	4180780.00	6.61E+00	1.8	SRCGP5	R_PIER50
554300.00	4180800.00	7.21E+00	1.8	SRCGP5	R_PIER50
554300.00	4180820.00	7.88E+00	1.8	SRCGP5	R_PIER50
554300.00	4180840.00	8.62E+00	1.8	SRCGP5	R_PIER50
554300.00	4180860.00	9.44E+00	1.8	SRCGP5	R_PIER50
554300.00	4180880.00	1.03E+01	1.8	SRCGP5	R_PIER50
554300.00	4180900.00	1.12E+01	1.8	SRCGP5	R_PIER50
554300.00	4180920.00	1.21E+01	1.8	SRCGP5	R_PIER50
554300.00	4180940.00	1.29E+01	1.8	SRCGP5	R_PIER50
554300.00	4180960.00	1.37E+01	1.8	SRCGP5	R_PIER50
554320.00	4180780.00	6.34E+00	1.8	SRCGP5	R_PIER50
554320.00	4180800.00	6.89E+00	1.8	SRCGP5	R_PIER50
554320.00	4180820.00	7.50E+00	1.8	SRCGP5	R_PIER50
554320.00	4180840.00	8.17E+00	1.8	SRCGP5	R_PIER50
554320.00	4180860.00	8.89E+00	1.8	SRCGP5	R_PIER50
554320.00	4180880.00	9.65E+00	1.8	SRCGP5	R_PIER50
554320.00	4180900.00	1.04E+01	1.8	SRCGP5	R_PIER50
554320.00	4180920.00	1.12E+01	1.8	SRCGP5	R_PIER50
554320.00	4180940.00	1.19E+01	1.8	SRCGP5	R_PIER50
554320.00	4180960.00	1.25E+01	1.8	SRCGP5	R_PIER50
554340.00	4180760.00	5.63E+00	1.8	SRCGP5	R_PIER50
554340.00	4180780.00	6.09E+00	1.8	SRCGP5	R_PIER50
554340.00	4180800.00	6.59E+00	1.8	SRCGP5	R_PIER50
554340.00	4180820.00	7.15E+00	1.8	SRCGP5	R_PIER50
554340.00	4180840.00	7.74E+00	1.8	SRCGP5	R_PIER50
554340.00	4180860.00	8.38E+00	1.8	SRCGP5	R_PIER50
554340.00	4180880.00	9.03E+00	1.8	SRCGP5	R_PIER50
554340.00	4180900.00	9.69E+00	1.8	SRCGP5	R_PIER50
554340.00	4180920.00	1.03E+01	1.8	SRCGP5	R_PIER50
554340.00	4180940.00	1.09E+01	1.8	SRCGP5	R_PIER50
554340.00	4180960.00	1.14E+01	1.8	SRCGP5	R_PIER50
554360.00	4180760.00	5.42E+00	1.8	SRCGP5	R_PIER50
554360.00	4180780.00	5.84E+00	1.8	SRCGP5	R_PIER50
554360.00	4180800.00	6.30E+00	1.8	SRCGP5	R_PIER50
554360.00	4180820.00	6.80E+00	1.8	SRCGP5	R_PIER50
554360.00	4180840.00	7.34E+00	1.8	SRCGP5	R_PIER50
554360.00	4180860.00	7.90E+00	1.8	SRCGP5	R_PIER50
554360.00	4180880.00	8.47E+00	1.8	SRCGP5	R_PIER50
554360.00	4180900.00	9.03E+00	1.8	SRCGP5	R_PIER50
554360.00	4180920.00	9.56E+00	1.8	SRCGP5	R_PIER50



554360.00	4180940.00	1.00E+01	1.8	SRCGP5	R_PIER50
554360.00	4180960.00	1.05E+01	1.8	SRCGP5	R_PIER50
554380.00	4180740.00	4.86E+00	1.8	SRCGP5	R_PIER50
554380.00	4180760.00	5.21E+00	1.8	SRCGP5	R_PIER50
554380.00	4180780.00	5.60E+00	1.8	SRCGP5	R_PIER50
554380.00	4180800.00	6.03E+00	1.8	SRCGP5	R_PIER50
554380.00	4180820.00	6.48E+00	1.8	SRCGP5	R_PIER50
554380.00	4180840.00	6.96E+00	1.8	SRCGP5	R_PIER50
554380.00	4180860.00	7.45E+00	1.8	SRCGP5	R_PIER50
554380.00	4180880.00	7.94E+00	1.8	SRCGP5	R_PIER50
554380.00	4180900.00	8.43E+00	1.8	SRCGP5	R_PIER50
554380.00	4180920.00	8.88E+00	1.8	SRCGP5	R_PIER50
554380.00	4180940.00	9.29E+00	1.8	SRCGP5	R_PIER50
554380.00	4180960.00	9.64E+00	1.8	SRCGP5	R_PIER50
554400.00	4180740.00	4.69E+00	1.8	SRCGP5	R_PIER50
554400.00	4180760.00	5.02E+00	1.8	SRCGP5	R_PIER50
554400.00	4180780.00	5.38E+00	1.8	SRCGP5	R_PIER50
554400.00	4180800.00	5.76E+00	1.8	SRCGP5	R_PIER50
554400.00	4180820.00	6.17E+00	1.8	SRCGP5	R_PIER50
554400.00	4180840.00	6.60E+00	1.8	SRCGP5	R_PIER50
554400.00	4180860.00	7.03E+00	1.8	SRCGP5	R_PIER50
554400.00	4180880.00	7.46E+00	1.8	SRCGP5	R_PIER50
554400.00	4180900.00	7.88E+00	1.8	SRCGP5	R_PIER50
554400.00	4180920.00	8.27E+00	1.8	SRCGP5	R_PIER50
554400.00	4180940.00	8.62E+00	1.8	SRCGP5	R_PIER50
554400.00	4180960.00	8.91E+00	1.8	SRCGP5	R_PIER50
554420.00	4180720.00	4.24E+00	1.8	SRCGP5	R_PIER50
554420.00	4180740.00	4.52E+00	1.8	SRCGP5	R_PIER50
554420.00	4180760.00	4.83E+00	1.8	SRCGP5	R_PIER50
554420.00	4180780.00	5.16E+00	1.8	SRCGP5	R_PIER50
554420.00	4180800.00	5.51E+00	1.8	SRCGP5	R_PIER50
554420.00	4180820.00	5.88E+00	1.8	SRCGP5	R_PIER50
554420.00	4180840.00	6.26E+00	1.8	SRCGP5	R_PIER50
554420.00	4180860.00	6.64E+00	1.8	SRCGP5	R_PIER50
554420.00	4180880.00	7.02E+00	1.8	SRCGP5	R_PIER50
554420.00	4180900.00	7.38E+00	1.8	SRCGP5	R_PIER50
554420.00	4180920.00	7.72E+00	1.8	SRCGP5	R_PIER50
554420.00	4180940.00	8.02E+00	1.8	SRCGP5	R_PIER50
554420.00	4180960.00	8.27E+00	1.8	SRCGP5	R_PIER50
554440.00	4180720.00	4.10E+00	1.8	SRCGP5	R_PIER50
554440.00	4180740.00	4.36E+00	1.8	SRCGP5	R_PIER50
554440.00	4180760.00	4.64E+00	1.8	SRCGP5	R_PIER50
554440.00	4180780.00	4.95E+00	1.8	SRCGP5	R_PIER50
554440.00	4180800.00	5.27E+00	1.8	SRCGP5	R_PIER50
554440.00	4180820.00	5.60E+00	1.8	SRCGP5	R_PIER50
554440.00	4180840.00	5.94E+00	1.8	SRCGP5	R_PIER50
554440.00	4180860.00	6.28E+00	1.8	SRCGP5	R_PIER50

554440.00	4180880.00	6.61E+00	1.8	SRCGP5	R_PIER50
554440.00	4180900.00	6.93E+00	1.8	SRCGP5	R_PIER50
554440.00	4180920.00	7.22E+00	1.8	SRCGP5	R_PIER50
554440.00	4180940.00	7.48E+00	1.8	SRCGP5	R_PIER50
554440.00	4180960.00	7.69E+00	1.8	SRCGP5	R_PIER50
553680.00	4180480.00	2.56E+00	1.8	SRCGP5	Sensitive
553360.00	4181000.00	2.42E+00	1.8	SRCGP5	Sensitive
553160.00	4180800.00	1.57E+00	1.8	SRCGP5	Sensitive
552940.00	4180980.00	1.10E+00	1.8	SRCGP5	Sensitive
553440.00	4180240.00	1.32E+00	1.8	SRCGP5	Sensitive
553920.00	4180800.00	1.12E+01	1.8	SRCGP5	Sensitive
553400.00	4180440.00	1.71E+00	1.8	SRCGP5	Sensitive
553920.00	4180000.00	1.10E+00	1.8	SRCGP5	Sensitive
553560.00	4180360.00	1.78E+00	1.8	SRCGP5	Sensitive
553360.00	4180340.00	1.41E+00	1.8	SRCGP5	Sensitive
553160.00	4181180.00	1.50E+00	1.8	SRCGP5	Sensitive

**Annual Average Concentration at Each Receptor Location: Mission Rock Operation Scenario - Source Group**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	3.78E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180540.00	3.81E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180560.00	3.85E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180580.00	3.90E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180600.00	3.94E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180620.00	3.99E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180640.00	4.05E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180660.00	4.10E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180720.00	4.28E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180740.00	4.35E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180760.00	4.41E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180780.00	4.48E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180800.00	4.55E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180840.00	4.68E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180860.00	4.74E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180880.00	4.81E+00	1.8	SRCGP6	OFF_SITE
553440.00	4180900.00	4.87E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181020.00	5.23E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181040.00	5.29E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181060.00	5.35E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181080.00	5.43E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181160.00	5.83E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181180.00	5.98E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181200.00	6.15E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181220.00	6.37E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181240.00	6.62E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181260.00	6.92E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181300.00	7.73E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181320.00	8.27E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181340.00	8.94E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181360.00	9.77E+00	1.8	SRCGP6	OFF_SITE
553440.00	4181380.00	1.08E+01	1.8	SRCGP6	OFF_SITE
553440.00	4181400.00	1.22E+01	1.8	SRCGP6	OFF_SITE
553440.00	4181420.00	1.42E+01	1.8	SRCGP6	OFF_SITE
553440.00	4181440.00	1.70E+01	1.8	SRCGP6	OFF_SITE
553440.00	4181460.00	2.16E+01	1.8	SRCGP6	OFF_SITE
553440.00	4181480.00	2.97E+01	1.8	SRCGP6	OFF_SITE
553460.00	4180520.00	3.98E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180540.00	4.02E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180560.00	4.06E+00	1.8	SRCGP6	OFF_SITE

553460.00	4180580.00	4.11E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180600.00	4.16E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180620.00	4.22E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180640.00	4.28E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180660.00	4.34E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180700.00	4.47E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180740.00	4.62E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180760.00	4.69E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180780.00	4.77E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180800.00	4.85E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180820.00	4.92E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180860.00	5.07E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180880.00	5.14E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180900.00	5.21E+00	1.8	SRCGP6	OFF_SITE
553460.00	4180920.00	5.28E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181040.00	5.66E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181060.00	5.72E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181120.00	5.97E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181140.00	6.08E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181180.00	6.37E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181200.00	6.56E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181220.00	6.80E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181240.00	7.08E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181260.00	7.42E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181280.00	7.85E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181320.00	9.02E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181340.00	9.85E+00	1.8	SRCGP6	OFF_SITE
553460.00	4181360.00	1.09E+01	1.8	SRCGP6	OFF_SITE
553460.00	4181380.00	1.23E+01	1.8	SRCGP6	OFF_SITE
553460.00	4181400.00	1.43E+01	1.8	SRCGP6	OFF_SITE
553460.00	4181420.00	1.73E+01	1.8	SRCGP6	OFF_SITE
553460.00	4181440.00	2.20E+01	1.8	SRCGP6	OFF_SITE
553460.00	4181460.00	3.06E+01	1.8	SRCGP6	OFF_SITE
553460.00	4181500.00	2.77E+01	1.8	SRCGP6	OFF_SITE
553460.00	4181520.00	2.41E+01	1.8	SRCGP6	OFF_SITE
553480.00	4180520.00	4.20E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180540.00	4.25E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180560.00	4.30E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180580.00	4.35E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180600.00	4.41E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180620.00	4.47E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180640.00	4.54E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180660.00	4.61E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180700.00	4.76E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180720.00	4.84E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180760.00	5.01E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180780.00	5.10E+00	1.8	SRCGP6	OFF_SITE

553480.00	4180800.00	5.19E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180820.00	5.27E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180840.00	5.36E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180880.00	5.52E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180900.00	5.60E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180920.00	5.68E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180940.00	5.75E+00	1.8	SRCGP6	OFF_SITE
553480.00	4180960.00	5.82E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181040.00	6.08E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181080.00	6.22E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181100.00	6.30E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181120.00	6.40E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181140.00	6.51E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181160.00	6.65E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181200.00	7.03E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181220.00	7.30E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181240.00	7.62E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181260.00	8.03E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181280.00	8.53E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181300.00	9.17E+00	1.8	SRCGP6	OFF_SITE
553480.00	4181340.00	1.11E+01	1.8	SRCGP6	OFF_SITE
553480.00	4181360.00	1.25E+01	1.8	SRCGP6	OFF_SITE
553480.00	4181380.00	1.45E+01	1.8	SRCGP6	OFF_SITE
553480.00	4181400.00	1.76E+01	1.8	SRCGP6	OFF_SITE
553480.00	4181420.00	2.26E+01	1.8	SRCGP6	OFF_SITE
553480.00	4181440.00	2.56E+01	1.8	SRCGP6	OFF_SITE
553480.00	4181480.00	2.69E+01	1.8	SRCGP6	OFF_SITE
553480.00	4181500.00	2.34E+01	1.8	SRCGP6	OFF_SITE
553480.00	4181520.00	1.79E+01	1.8	SRCGP6	OFF_SITE
553500.00	4180520.00	4.46E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180540.00	4.51E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180560.00	4.56E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180580.00	4.62E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180600.00	4.69E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180620.00	4.75E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180640.00	4.83E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180660.00	4.91E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180700.00	5.08E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180720.00	5.17E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180740.00	5.27E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180780.00	5.48E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180800.00	5.58E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180820.00	5.68E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180840.00	5.78E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180860.00	5.88E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180900.00	6.06E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180920.00	6.15E+00	1.8	SRCGP6	OFF_SITE

553500.00	4180940.00	6.23E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180960.00	6.30E+00	1.8	SRCGP6	OFF_SITE
553500.00	4180980.00	6.37E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181000.00	6.44E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181060.00	6.64E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181080.00	6.71E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181100.00	6.80E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181120.00	6.90E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181140.00	7.01E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181160.00	7.16E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181180.00	7.35E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181220.00	7.88E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181240.00	8.27E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181260.00	8.75E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181280.00	9.38E+00	1.8	SRCGP6	OFF_SITE
553500.00	4181300.00	1.02E+01	1.8	SRCGP6	OFF_SITE
553500.00	4181320.00	1.13E+01	1.8	SRCGP6	OFF_SITE
553500.00	4181360.00	1.48E+01	1.8	SRCGP6	OFF_SITE
553500.00	4181380.00	1.80E+01	1.8	SRCGP6	OFF_SITE
553500.00	4181400.00	2.32E+01	1.8	SRCGP6	OFF_SITE
553500.00	4181420.00	2.62E+01	1.8	SRCGP6	OFF_SITE
553500.00	4181460.00	2.61E+01	1.8	SRCGP6	OFF_SITE
553500.00	4181480.00	2.27E+01	1.8	SRCGP6	OFF_SITE
553500.00	4181500.00	1.76E+01	1.8	SRCGP6	OFF_SITE
553500.00	4181520.00	1.43E+01	1.8	SRCGP6	OFF_SITE
553520.00	4180520.00	4.74E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180540.00	4.80E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180560.00	4.86E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180580.00	4.93E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180600.00	5.00E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180620.00	5.08E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180640.00	5.16E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180660.00	5.25E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180700.00	5.45E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180720.00	5.56E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180740.00	5.67E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180760.00	5.79E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180800.00	6.03E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180820.00	6.16E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180840.00	6.27E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180860.00	6.39E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180880.00	6.50E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180920.00	6.70E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180940.00	6.79E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180960.00	6.87E+00	1.8	SRCGP6	OFF_SITE
553520.00	4180980.00	6.95E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181000.00	7.02E+00	1.8	SRCGP6	OFF_SITE

553520.00	4181080.00	7.30E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181100.00	7.38E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181120.00	7.48E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181140.00	7.60E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181160.00	7.76E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181180.00	7.97E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181200.00	8.24E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181240.00	9.05E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181260.00	9.65E+00	1.8	SRCGP6	OFF_SITE
553520.00	4181280.00	1.04E+01	1.8	SRCGP6	OFF_SITE
553520.00	4181300.00	1.15E+01	1.8	SRCGP6	OFF_SITE
553520.00	4181320.00	1.30E+01	1.8	SRCGP6	OFF_SITE
553520.00	4181340.00	1.51E+01	1.8	SRCGP6	OFF_SITE
553520.00	4181380.00	2.39E+01	1.8	SRCGP6	OFF_SITE
553520.00	4181400.00	2.68E+01	1.8	SRCGP6	OFF_SITE
553520.00	4181440.00	3.09E+01	1.8	SRCGP6	OFF_SITE
553520.00	4181460.00	2.21E+01	1.8	SRCGP6	OFF_SITE
553520.00	4181480.00	1.72E+01	1.8	SRCGP6	OFF_SITE
553520.00	4181500.00	1.41E+01	1.8	SRCGP6	OFF_SITE
553520.00	4181520.00	1.20E+01	1.8	SRCGP6	OFF_SITE
553540.00	4180520.00	5.07E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180540.00	5.14E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180560.00	5.20E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180580.00	5.28E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180600.00	5.36E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180620.00	5.45E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180640.00	5.54E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180660.00	5.64E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180700.00	5.87E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180720.00	6.00E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180740.00	6.14E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180760.00	6.28E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180780.00	6.43E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180820.00	6.72E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180840.00	6.86E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180860.00	7.00E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180880.00	7.13E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180900.00	7.25E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180940.00	7.46E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180960.00	7.56E+00	1.8	SRCGP6	OFF_SITE
553540.00	4180980.00	7.64E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181100.00	8.08E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181120.00	8.18E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181140.00	8.31E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181160.00	8.48E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181180.00	8.70E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181200.00	9.02E+00	1.8	SRCGP6	OFF_SITE

553540.00	4181220.00	9.44E+00	1.8	SRCGP6	OFF_SITE
553540.00	4181260.00	1.08E+01	1.8	SRCGP6	OFF_SITE
553540.00	4181280.00	1.18E+01	1.8	SRCGP6	OFF_SITE
553540.00	4181300.00	1.33E+01	1.8	SRCGP6	OFF_SITE
553540.00	4181320.00	1.55E+01	1.8	SRCGP6	OFF_SITE
553540.00	4181340.00	1.89E+01	1.8	SRCGP6	OFF_SITE
553540.00	4181360.00	2.47E+01	1.8	SRCGP6	OFF_SITE
553540.00	4181420.00	2.99E+01	1.8	SRCGP6	OFF_SITE
553540.00	4181440.00	2.16E+01	1.8	SRCGP6	OFF_SITE
553540.00	4181460.00	1.69E+01	1.8	SRCGP6	OFF_SITE
553540.00	4181480.00	1.39E+01	1.8	SRCGP6	OFF_SITE
553540.00	4181500.00	1.19E+01	1.8	SRCGP6	OFF_SITE
553540.00	4181520.00	1.04E+01	1.8	SRCGP6	OFF_SITE
553560.00	4180520.00	5.45E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180540.00	5.53E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180560.00	5.60E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180580.00	5.69E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180600.00	5.78E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180620.00	5.88E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180640.00	5.98E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180660.00	6.10E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180700.00	6.37E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180720.00	6.52E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180740.00	6.68E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180760.00	6.86E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180780.00	7.03E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180800.00	7.22E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180840.00	7.57E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180860.00	7.74E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180880.00	7.89E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180900.00	8.04E+00	1.8	SRCGP6	OFF_SITE
553560.00	4180920.00	8.17E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181000.00	8.58E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181020.00	8.66E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181120.00	9.04E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181140.00	9.16E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181160.00	9.34E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181180.00	9.60E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181200.00	9.97E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181220.00	1.05E+01	1.8	SRCGP6	OFF_SITE
553560.00	4181240.00	1.12E+01	1.8	SRCGP6	OFF_SITE
553560.00	4181280.00	1.37E+01	1.8	SRCGP6	OFF_SITE
553560.00	4181300.00	1.60E+01	1.8	SRCGP6	OFF_SITE
553560.00	4181320.00	1.95E+01	1.8	SRCGP6	OFF_SITE
553560.00	4181340.00	2.56E+01	1.8	SRCGP6	OFF_SITE
553560.00	4181420.00	2.11E+01	1.8	SRCGP6	OFF_SITE
553560.00	4181440.00	1.66E+01	1.8	SRCGP6	OFF_SITE



553560.00	4181460.00	1.38E+01	1.8	SRCGP6	OFF_SITE
553560.00	4181480.00	1.18E+01	1.8	SRCGP6	OFF_SITE
553560.00	4181500.00	1.03E+01	1.8	SRCGP6	OFF_SITE
553560.00	4181520.00	9.13E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180520.00	5.91E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180540.00	5.99E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180560.00	6.07E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180580.00	6.17E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180600.00	6.27E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180620.00	6.39E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180640.00	6.51E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180660.00	6.65E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180700.00	6.96E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180720.00	7.14E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180740.00	7.34E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180760.00	7.55E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180780.00	7.77E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180800.00	8.00E+00	1.8	SRCGP6	OFF_SITE
553580.00	4180820.00	8.23E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181000.00	9.65E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181020.00	9.74E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181040.00	9.81E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181140.00	1.02E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181160.00	1.04E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181180.00	1.07E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181200.00	1.12E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181220.00	1.18E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181240.00	1.28E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181260.00	1.43E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181300.00	2.02E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181320.00	2.66E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181440.00	1.36E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181460.00	1.17E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181480.00	1.02E+01	1.8	SRCGP6	OFF_SITE
553580.00	4181500.00	9.11E+00	1.8	SRCGP6	OFF_SITE
553580.00	4181520.00	8.19E+00	1.8	SRCGP6	OFF_SITE
553600.00	4180800.00	8.98E+00	1.8	SRCGP6	OFF_SITE
553600.00	4180820.00	9.28E+00	1.8	SRCGP6	OFF_SITE
553600.00	4180840.00	9.56E+00	1.8	SRCGP6	OFF_SITE
553600.00	4180860.00	9.83E+00	1.8	SRCGP6	OFF_SITE
553600.00	4180900.00	1.03E+01	1.8	SRCGP6	OFF_SITE
553600.00	4180920.00	1.05E+01	1.8	SRCGP6	OFF_SITE
553600.00	4180940.00	1.06E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181000.00	1.10E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181020.00	1.11E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181040.00	1.12E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181060.00	1.13E+01	1.8	SRCGP6	OFF_SITE

553600.00	4181160.00	1.18E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181180.00	1.21E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181200.00	1.27E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181220.00	1.36E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181240.00	1.50E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181260.00	1.72E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181280.00	2.10E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181460.00	1.02E+01	1.8	SRCGP6	OFF_SITE
553600.00	4181480.00	9.09E+00	1.8	SRCGP6	OFF_SITE
553600.00	4181500.00	8.19E+00	1.8	SRCGP6	OFF_SITE
553600.00	4181520.00	7.44E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180520.00	7.12E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180540.00	7.23E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180560.00	7.35E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180600.00	7.61E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180620.00	7.77E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180640.00	7.93E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180660.00	8.12E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180700.00	8.56E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180720.00	8.83E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180740.00	9.13E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180760.00	9.47E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180780.00	9.84E+00	1.8	SRCGP6	OFF_SITE
553620.00	4180800.00	1.02E+01	1.8	SRCGP6	OFF_SITE
553620.00	4180820.00	1.06E+01	1.8	SRCGP6	OFF_SITE
553620.00	4180840.00	1.10E+01	1.8	SRCGP6	OFF_SITE
553620.00	4180860.00	1.14E+01	1.8	SRCGP6	OFF_SITE
553620.00	4180900.00	1.20E+01	1.8	SRCGP6	OFF_SITE
553620.00	4180920.00	1.22E+01	1.8	SRCGP6	OFF_SITE
553620.00	4180940.00	1.24E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181000.00	1.29E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181020.00	1.30E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181040.00	1.31E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181060.00	1.32E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181080.00	1.32E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181180.00	1.40E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181200.00	1.47E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181220.00	1.60E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181240.00	1.81E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181260.00	2.19E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181280.00	2.90E+01	1.8	SRCGP6	OFF_SITE
553620.00	4181480.00	8.19E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181500.00	7.45E+00	1.8	SRCGP6	OFF_SITE
553620.00	4181520.00	6.82E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180520.00	7.97E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180540.00	8.10E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180560.00	8.25E+00	1.8	SRCGP6	OFF_SITE

553640.00	4180600.00	8.57E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180620.00	8.75E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180640.00	8.95E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180660.00	9.17E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180700.00	9.71E+00	1.8	SRCGP6	OFF_SITE
553640.00	4180720.00	1.00E+01	1.8	SRCGP6	OFF_SITE
553640.00	4180740.00	1.04E+01	1.8	SRCGP6	OFF_SITE
553640.00	4180760.00	1.09E+01	1.8	SRCGP6	OFF_SITE
553640.00	4180780.00	1.14E+01	1.8	SRCGP6	OFF_SITE
553640.00	4180800.00	1.19E+01	1.8	SRCGP6	OFF_SITE
553640.00	4180820.00	1.25E+01	1.8	SRCGP6	OFF_SITE
553640.00	4180840.00	1.30E+01	1.8	SRCGP6	OFF_SITE
553640.00	4180860.00	1.35E+01	1.8	SRCGP6	OFF_SITE
553640.00	4180900.00	1.43E+01	1.8	SRCGP6	OFF_SITE
553640.00	4180920.00	1.46E+01	1.8	SRCGP6	OFF_SITE
553640.00	4180940.00	1.48E+01	1.8	SRCGP6	OFF_SITE
553640.00	4181000.00	1.54E+01	1.8	SRCGP6	OFF_SITE
553640.00	4181020.00	1.56E+01	1.8	SRCGP6	OFF_SITE
553640.00	4181040.00	1.57E+01	1.8	SRCGP6	OFF_SITE
553640.00	4181060.00	1.58E+01	1.8	SRCGP6	OFF_SITE
553640.00	4181080.00	1.59E+01	1.8	SRCGP6	OFF_SITE
553640.00	4181100.00	1.59E+01	1.8	SRCGP6	OFF_SITE
553640.00	4181200.00	1.75E+01	1.8	SRCGP6	OFF_SITE
553640.00	4181220.00	1.95E+01	1.8	SRCGP6	OFF_SITE
553640.00	4181240.00	2.32E+01	1.8	SRCGP6	OFF_SITE
553640.00	4181260.00	3.05E+01	1.8	SRCGP6	OFF_SITE
553640.00	4181500.00	6.84E+00	1.8	SRCGP6	OFF_SITE
553640.00	4181520.00	6.31E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180520.00	9.10E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180540.00	9.27E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180560.00	9.45E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180600.00	9.84E+00	1.8	SRCGP6	OFF_SITE
553660.00	4180620.00	1.01E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180640.00	1.03E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180660.00	1.06E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180700.00	1.13E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180720.00	1.17E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180740.00	1.22E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180760.00	1.28E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180780.00	1.35E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180800.00	1.43E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180820.00	1.51E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180840.00	1.60E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180860.00	1.67E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180900.00	1.77E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180920.00	1.81E+01	1.8	SRCGP6	OFF_SITE
553660.00	4180940.00	1.84E+01	1.8	SRCGP6	OFF_SITE

553660.00	4181000.00	1.92E+01	1.8	SRCGP6	OFF_SITE
553660.00	4181020.00	1.95E+01	1.8	SRCGP6	OFF_SITE
553660.00	4181040.00	1.97E+01	1.8	SRCGP6	OFF_SITE
553660.00	4181060.00	1.98E+01	1.8	SRCGP6	OFF_SITE
553660.00	4181080.00	1.99E+01	1.8	SRCGP6	OFF_SITE
553660.00	4181100.00	1.99E+01	1.8	SRCGP6	OFF_SITE
553660.00	4181120.00	1.98E+01	1.8	SRCGP6	OFF_SITE
553660.00	4181220.00	2.51E+01	1.8	SRCGP6	OFF_SITE
553660.00	4181240.00	3.25E+01	1.8	SRCGP6	OFF_SITE
553660.00	4181520.00	5.87E+00	1.8	SRCGP6	OFF_SITE
553680.00	4180520.00	1.07E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180540.00	1.09E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180560.00	1.11E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180600.00	1.17E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180620.00	1.20E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180640.00	1.23E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180660.00	1.27E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180700.00	1.35E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180720.00	1.41E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180740.00	1.47E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180760.00	1.55E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180780.00	1.66E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180800.00	1.79E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180820.00	1.93E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180840.00	2.07E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180860.00	2.18E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180900.00	2.34E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180920.00	2.38E+01	1.8	SRCGP6	OFF_SITE
553680.00	4180940.00	2.42E+01	1.8	SRCGP6	OFF_SITE
553680.00	4181000.00	2.56E+01	1.8	SRCGP6	OFF_SITE
553680.00	4181020.00	2.62E+01	1.8	SRCGP6	OFF_SITE
553680.00	4181040.00	2.65E+01	1.8	SRCGP6	OFF_SITE
553680.00	4181060.00	2.66E+01	1.8	SRCGP6	OFF_SITE
553680.00	4181080.00	2.67E+01	1.8	SRCGP6	OFF_SITE
553680.00	4181100.00	2.66E+01	1.8	SRCGP6	OFF_SITE
553680.00	4181120.00	2.65E+01	1.8	SRCGP6	OFF_SITE
553680.00	4181140.00	2.63E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180520.00	1.31E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180540.00	1.34E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180560.00	1.38E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180600.00	1.45E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180620.00	1.50E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180640.00	1.55E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180660.00	1.60E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180700.00	1.72E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180720.00	1.80E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180740.00	1.89E+01	1.8	SRCGP6	OFF_SITE

553700.00	4180760.00	2.01E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180780.00	2.17E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180800.00	2.40E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180820.00	2.68E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180840.00	2.95E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180860.00	3.15E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180900.00	3.39E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180920.00	3.47E+01	1.8	SRCGP6	OFF_SITE
553700.00	4180940.00	3.52E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181000.00	3.82E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181020.00	3.95E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181040.00	4.01E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181060.00	4.03E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181080.00	4.04E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181100.00	4.02E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181120.00	4.00E+01	1.8	SRCGP6	OFF_SITE
553700.00	4181140.00	3.96E+01	1.8	SRCGP6	OFF_SITE
553720.00	4180520.00	1.72E+01	1.8	SRCGP6	OFF_SITE
553720.00	4180540.00	1.78E+01	1.8	SRCGP6	OFF_SITE
553720.00	4180560.00	1.84E+01	1.8	SRCGP6	OFF_SITE
553720.00	4180600.00	1.97E+01	1.8	SRCGP6	OFF_SITE
553720.00	4180620.00	2.05E+01	1.8	SRCGP6	OFF_SITE
553720.00	4180640.00	2.14E+01	1.8	SRCGP6	OFF_SITE
553720.00	4180660.00	2.23E+01	1.8	SRCGP6	OFF_SITE
553740.00	4180520.00	2.58E+01	1.8	SRCGP6	OFF_SITE
553740.00	4180540.00	2.70E+01	1.8	SRCGP6	OFF_SITE
553740.00	4180560.00	2.83E+01	1.8	SRCGP6	OFF_SITE
553760.00	4180620.00	2.27E+01	1.8	SRCGP6	OFF_SITE
553760.00	4180640.00	2.26E+01	1.8	SRCGP6	OFF_SITE
553760.00	4180660.00	2.20E+01	1.8	SRCGP6	OFF_SITE
553760.00	4180680.00	2.71E+01	1.8	SRCGP6	OFF_SITE
553760.00	4180720.00	3.17E+01	1.8	SRCGP6	OFF_SITE
553760.00	4180740.00	3.08E+01	1.8	SRCGP6	OFF_SITE
553760.00	4180760.00	3.03E+01	1.8	SRCGP6	OFF_SITE
553760.00	4180780.00	3.04E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180520.00	2.82E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180540.00	2.70E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180560.00	2.59E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180580.00	2.50E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180600.00	2.41E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180620.00	2.32E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180640.00	2.25E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180660.00	2.19E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180680.00	2.14E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180720.00	2.06E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180740.00	2.05E+01	1.8	SRCGP6	OFF_SITE
553780.00	4180760.00	2.06E+01	1.8	SRCGP6	OFF_SITE

553780.00	4180780.00	2.11E+01	1.8	SRCGP6	OFF_SITE
553800.00	4180520.00	1.84E+01	1.8	SRCGP6	OFF_SITE
553800.00	4180540.00	1.79E+01	1.8	SRCGP6	OFF_SITE
553800.00	4180560.00	1.75E+01	1.8	SRCGP6	OFF_SITE
553800.00	4180580.00	1.71E+01	1.8	SRCGP6	OFF_SITE
553800.00	4180600.00	1.67E+01	1.8	SRCGP6	OFF_SITE
553800.00	4180620.00	1.64E+01	1.8	SRCGP6	OFF_SITE
553800.00	4180640.00	1.61E+01	1.8	SRCGP6	OFF_SITE
553800.00	4180660.00	1.59E+01	1.8	SRCGP6	OFF_SITE
553800.00	4180680.00	1.57E+01	1.8	SRCGP6	OFF_SITE
553800.00	4180720.00	1.55E+01	1.8	SRCGP6	OFF_SITE
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553800.00	4180780.00	1.63E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180520.00	1.38E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180540.00	1.36E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180560.00	1.34E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180580.00	1.32E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180620.00	1.28E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180640.00	1.27E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180660.00	1.26E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180680.00	1.26E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180720.00	1.26E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180740.00	1.28E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180760.00	1.30E+01	1.8	SRCGP6	OFF_SITE
553820.00	4180780.00	1.33E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180520.00	1.12E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180540.00	1.10E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180560.00	1.09E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180580.00	1.08E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180620.00	1.07E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180640.00	1.06E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180660.00	1.06E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180680.00	1.06E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180720.00	1.07E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180740.00	1.08E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180760.00	1.10E+01	1.8	SRCGP6	OFF_SITE
553840.00	4180780.00	1.13E+01	1.8	SRCGP6	OFF_SITE
553860.00	4180520.00	9.45E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180540.00	9.38E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180560.00	9.31E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180580.00	9.25E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180620.00	9.18E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180640.00	9.16E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180660.00	9.16E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180680.00	9.19E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180720.00	9.32E+00	1.8	SRCGP6	OFF_SITE

553860.00	4180740.00	9.44E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180760.00	9.60E+00	1.8	SRCGP6	OFF_SITE
553860.00	4180780.00	9.80E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180520.00	8.23E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180540.00	8.18E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180560.00	8.14E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180580.00	8.11E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180620.00	8.08E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180640.00	8.08E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180660.00	8.10E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180680.00	8.14E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180720.00	8.26E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180740.00	8.37E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180760.00	8.50E+00	1.8	SRCGP6	OFF_SITE
553880.00	4180780.00	8.65E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180520.00	7.31E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180540.00	7.28E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180560.00	7.26E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180580.00	7.24E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180620.00	7.24E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180640.00	7.25E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180660.00	7.27E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180680.00	7.31E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180720.00	7.43E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180740.00	7.51E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180760.00	7.62E+00	1.8	SRCGP6	OFF_SITE
553900.00	4180780.00	7.74E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180520.00	6.58E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180540.00	6.57E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180560.00	6.55E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180580.00	6.55E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180620.00	6.56E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180640.00	6.57E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180660.00	6.60E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180680.00	6.64E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180720.00	6.74E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180740.00	6.82E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180760.00	6.90E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180780.00	7.00E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180520.00	6.00E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180540.00	5.99E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180560.00	5.98E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180580.00	5.98E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180620.00	6.00E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180640.00	6.02E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180660.00	6.04E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180680.00	6.08E+00	1.8	SRCGP6	OFF_SITE

553940.00	4180720.00	6.17E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180740.00	6.23E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180760.00	6.30E+00	1.8	SRCGP6	OFF_SITE
553940.00	4180780.00	6.38E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180520.00	5.51E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180540.00	5.50E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180560.00	5.50E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180580.00	5.51E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180620.00	5.53E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180640.00	5.55E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180660.00	5.57E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180680.00	5.60E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180720.00	5.68E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180740.00	5.74E+00	1.8	SRCGP6	OFF_SITE
553960.00	4180760.00	5.79E+00	1.8	SRCGP6	OFF_SITE
553980.00	4180520.00	5.09E+00	1.8	SRCGP6	OFF_SITE
553980.00	4180540.00	5.09E+00	1.8	SRCGP6	OFF_SITE
553980.00	4180560.00	5.10E+00	1.8	SRCGP6	OFF_SITE
553980.00	4180580.00	5.10E+00	1.8	SRCGP6	OFF_SITE
553980.00	4180620.00	5.12E+00	1.8	SRCGP6	OFF_SITE
553980.00	4180640.00	5.14E+00	1.8	SRCGP6	OFF_SITE
553980.00	4180660.00	5.17E+00	1.8	SRCGP6	OFF_SITE
553980.00	4180680.00	5.19E+00	1.8	SRCGP6	OFF_SITE
553560.00	4181180.00	9.60E+00	1.8	SRCGP6	OFF_SITE
553920.00	4180660.00	6.60E+00	1.8	SRCGP6	OFF_SITE
553700.00	4180920.00	3.47E+01	1.8	SRCGP6	OFF_SITE
553560.00	4180920.00	8.17E+00	1.8	SRCGP6	OFF_SITE
553680.00	4181060.00	2.66E+01	1.8	SRCGP6	OFF_SITE
553760.00	4181080.00	3.71E+01	1.8	SRCGP6	R_A1_BA
553780.00	4181080.00	2.52E+01	1.8	SRCGP6	R_A1_BA
553760.00	4181100.00	3.68E+01	1.8	SRCGP6	R_A1_BA
553780.00	4181100.00	2.49E+01	1.8	SRCGP6	R_A1_BA
553760.00	4181120.00	3.64E+01	1.8	SRCGP6	R_A1_BA
553780.00	4181120.00	2.45E+01	1.8	SRCGP6	R_A1_BA
553760.00	4181140.00	3.56E+01	1.8	SRCGP6	R_A1_BA
553780.00	4181140.00	2.39E+01	1.8	SRCGP6	R_A1_BA
553760.00	4181000.00	3.60E+01	1.8	SRCGP6	R_A1_BB
553780.00	4181000.00	2.52E+01	1.8	SRCGP6	R_A1_BB
553760.00	4181020.00	3.67E+01	1.8	SRCGP6	R_A1_BB
553780.00	4181020.00	2.52E+01	1.8	SRCGP6	R_A1_BB
553760.00	4181040.00	3.71E+01	1.8	SRCGP6	R_A1_BB
553780.00	4181040.00	2.53E+01	1.8	SRCGP6	R_A1_BB
553780.00	4181060.00	2.53E+01	1.8	SRCGP6	R_A1_BB
553760.00	4180900.00	4.29E+01	1.8	SRCGP6	R_A1_BC
553780.00	4180900.00	2.77E+01	1.8	SRCGP6	R_A1_BC
553760.00	4180920.00	4.25E+01	1.8	SRCGP6	R_A1_BC
553780.00	4180920.00	2.76E+01	1.8	SRCGP6	R_A1_BC



553760.00	4180940.00	4.16E+01	1.8	SRCGP6	R_A1_BC
553780.00	4180940.00	2.72E+01	1.8	SRCGP6	R_A1_BC
553760.00	4180960.00	3.99E+01	1.8	SRCGP6	R_A1_BC
553780.00	4180960.00	2.65E+01	1.8	SRCGP6	R_A1_BC
553760.00	4180820.00	3.63E+01	1.8	SRCGP6	R_A1_BD1
553780.00	4180820.00	2.40E+01	1.8	SRCGP6	R_A1_BD1
553760.00	4180840.00	4.06E+01	1.8	SRCGP6	R_A1_BD1
553780.00	4180840.00	2.58E+01	1.8	SRCGP6	R_A1_BD1
553760.00	4180860.00	4.24E+01	1.8	SRCGP6	R_A1_BD1
553780.00	4180860.00	2.69E+01	1.8	SRCGP6	R_A1_BD1
553760.00	4180880.00	4.29E+01	1.8	SRCGP6	R_A1_BD1
553800.00	4180820.00	1.79E+01	1.8	SRCGP6	R_A1_BD2
553820.00	4180820.00	1.44E+01	1.8	SRCGP6	R_A1_BD2
553840.00	4180820.00	1.20E+01	1.8	SRCGP6	R_A1_BD2
553860.00	4180820.00	1.03E+01	1.8	SRCGP6	R_A1_BD2
553880.00	4180820.00	9.01E+00	1.8	SRCGP6	R_A1_BD2
553800.00	4180840.00	1.88E+01	1.8	SRCGP6	R_A1_BD2
553820.00	4180840.00	1.49E+01	1.8	SRCGP6	R_A1_BD2
553840.00	4180840.00	1.23E+01	1.8	SRCGP6	R_A1_BD2
553860.00	4180840.00	1.05E+01	1.8	SRCGP6	R_A1_BD2
553880.00	4180840.00	9.19E+00	1.8	SRCGP6	R_A1_BD2
553800.00	4180860.00	1.96E+01	1.8	SRCGP6	R_A1_BD2
553820.00	4180860.00	1.54E+01	1.8	SRCGP6	R_A1_BD2
553840.00	4180860.00	1.27E+01	1.8	SRCGP6	R_A1_BD2
553860.00	4180860.00	1.08E+01	1.8	SRCGP6	R_A1_BD2
553880.00	4180860.00	9.35E+00	1.8	SRCGP6	R_A1_BD2
553780.00	4180880.00	2.75E+01	1.8	SRCGP6	R_A1_BD2
553800.00	4180880.00	2.00E+01	1.8	SRCGP6	R_A1_BD2
553820.00	4180880.00	1.57E+01	1.8	SRCGP6	R_A1_BD2
553840.00	4180880.00	1.29E+01	1.8	SRCGP6	R_A1_BD2
553860.00	4180880.00	1.09E+01	1.8	SRCGP6	R_A1_BD2
553820.00	4181100.00	1.49E+01	1.8	SRCGP6	R_A2_BG
553840.00	4181100.00	1.23E+01	1.8	SRCGP6	R_A2_BG
553860.00	4181100.00	1.05E+01	1.8	SRCGP6	R_A2_BG
553820.00	4181120.00	1.46E+01	1.8	SRCGP6	R_A2_BG
553840.00	4181120.00	1.21E+01	1.8	SRCGP6	R_A2_BG
553860.00	4181120.00	1.03E+01	1.8	SRCGP6	R_A2_BG
553900.00	4181100.00	8.04E+00	1.8	SRCGP6	R_A2_BK
553920.00	4181100.00	7.18E+00	1.8	SRCGP6	R_A2_BK
553900.00	4181120.00	7.87E+00	1.8	SRCGP6	R_A2_BK
553920.00	4181120.00	7.04E+00	1.8	SRCGP6	R_A2_BK
553860.00	4181140.00	9.98E+00	1.8	SRCGP6	R_A2_PK
553880.00	4181140.00	8.68E+00	1.8	SRCGP6	R_A2_PK
553900.00	4181140.00	7.68E+00	1.8	SRCGP6	R_A2_PK
553920.00	4181140.00	6.87E+00	1.8	SRCGP6	R_A2_PK
553800.00	4181160.00	1.70E+01	1.8	SRCGP6	R_A2_PK
553820.00	4181160.00	1.35E+01	1.8	SRCGP6	R_A2_PK

553840.00	4181160.00	1.13E+01	1.8	SRCGP6	R_A2_PK
553860.00	4181160.00	9.62E+00	1.8	SRCGP6	R_A2_PK
553880.00	4181160.00	8.40E+00	1.8	SRCGP6	R_A2_PK
553900.00	4181160.00	7.44E+00	1.8	SRCGP6	R_A2_PK
553920.00	4181160.00	6.68E+00	1.8	SRCGP6	R_A2_PK
553740.00	4181180.00	3.96E+01	1.8	SRCGP6	R_A2_PK
553760.00	4181180.00	3.16E+01	1.8	SRCGP6	R_A2_PK
553780.00	4181180.00	2.11E+01	1.8	SRCGP6	R_A2_PK
553800.00	4181180.00	1.59E+01	1.8	SRCGP6	R_A2_PK
553820.00	4181180.00	1.28E+01	1.8	SRCGP6	R_A2_PK
553840.00	4181180.00	1.07E+01	1.8	SRCGP6	R_A2_PK
553860.00	4181180.00	9.20E+00	1.8	SRCGP6	R_A2_PK
553880.00	4181180.00	8.07E+00	1.8	SRCGP6	R_A2_PK
553900.00	4181180.00	7.18E+00	1.8	SRCGP6	R_A2_PK
553920.00	4181180.00	6.46E+00	1.8	SRCGP6	R_A2_PK
553740.00	4181200.00	3.41E+01	1.8	SRCGP6	R_A2_PK
553760.00	4181200.00	2.65E+01	1.8	SRCGP6	R_A2_PK
553780.00	4181200.00	1.87E+01	1.8	SRCGP6	R_A2_PK
553800.00	4181200.00	1.45E+01	1.8	SRCGP6	R_A2_PK
553820.00	4181200.00	1.19E+01	1.8	SRCGP6	R_A2_PK
553840.00	4181200.00	1.01E+01	1.8	SRCGP6	R_A2_PK
553860.00	4181200.00	8.72E+00	1.8	SRCGP6	R_A2_PK
553880.00	4181200.00	7.70E+00	1.8	SRCGP6	R_A2_PK
553900.00	4181200.00	6.89E+00	1.8	SRCGP6	R_A2_PK
553920.00	4181200.00	6.22E+00	1.8	SRCGP6	R_A2_PK
553840.00	4180920.00	1.31E+01	1.8	SRCGP6	R_A3_BE
553860.00	4180920.00	1.11E+01	1.8	SRCGP6	R_A3_BE
553820.00	4180940.00	1.59E+01	1.8	SRCGP6	R_A3_BE
553840.00	4180940.00	1.31E+01	1.8	SRCGP6	R_A3_BE
553860.00	4180940.00	1.12E+01	1.8	SRCGP6	R_A3_BE
553820.00	4181040.00	1.54E+01	1.8	SRCGP6	R_A3_BF
553840.00	4181040.00	1.28E+01	1.8	SRCGP6	R_A3_BF
553860.00	4181040.00	1.09E+01	1.8	SRCGP6	R_A3_BF
553820.00	4181060.00	1.53E+01	1.8	SRCGP6	R_A3_BF
553840.00	4181060.00	1.27E+01	1.8	SRCGP6	R_A3_BF
553860.00	4181060.00	1.08E+01	1.8	SRCGP6	R_A3_BF
553800.00	4180960.00	1.98E+01	1.8	SRCGP6	R_A3_SQ
553820.00	4180960.00	1.58E+01	1.8	SRCGP6	R_A3_SQ
553840.00	4180960.00	1.31E+01	1.8	SRCGP6	R_A3_SQ
553860.00	4180960.00	1.11E+01	1.8	SRCGP6	R_A3_SQ
553800.00	4180980.00	1.95E+01	1.8	SRCGP6	R_A3_SQ
553820.00	4180980.00	1.57E+01	1.8	SRCGP6	R_A3_SQ
553840.00	4180980.00	1.30E+01	1.8	SRCGP6	R_A3_SQ
553860.00	4180980.00	1.11E+01	1.8	SRCGP6	R_A3_SQ
553800.00	4181000.00	1.93E+01	1.8	SRCGP6	R_A3_SQ
553820.00	4181000.00	1.55E+01	1.8	SRCGP6	R_A3_SQ
553840.00	4181000.00	1.29E+01	1.8	SRCGP6	R_A3_SQ

553860.00	4181000.00	1.11E+01	1.8	SRCGP6	R_A3_SQ
553800.00	4181020.00	1.92E+01	1.8	SRCGP6	R_A3_SQ
553820.00	4181020.00	1.54E+01	1.8	SRCGP6	R_A3_SQ
553840.00	4181020.00	1.29E+01	1.8	SRCGP6	R_A3_SQ
553860.00	4181020.00	1.10E+01	1.8	SRCGP6	R_A3_SQ
553900.00	4180920.00	8.50E+00	1.8	SRCGP6	R_A4_BI
553920.00	4180920.00	7.58E+00	1.8	SRCGP6	R_A4_BI
553900.00	4180940.00	8.52E+00	1.8	SRCGP6	R_A4_BI
553920.00	4180940.00	7.60E+00	1.8	SRCGP6	R_A4_BI
553900.00	4180960.00	8.53E+00	1.8	SRCGP6	R_A4_BI
553920.00	4180960.00	7.61E+00	1.8	SRCGP6	R_A4_BI
553900.00	4181000.00	8.48E+00	1.8	SRCGP6	R_A4_BJ
553920.00	4181000.00	7.57E+00	1.8	SRCGP6	R_A4_BJ
553900.00	4181020.00	8.43E+00	1.8	SRCGP6	R_A4_BJ
553920.00	4181020.00	7.53E+00	1.8	SRCGP6	R_A4_BJ
553900.00	4181040.00	8.37E+00	1.8	SRCGP6	R_A4_BJ
553920.00	4181040.00	7.47E+00	1.8	SRCGP6	R_A4_BJ
553900.00	4181060.00	8.28E+00	1.8	SRCGP6	R_A4_BJ
553920.00	4181060.00	7.39E+00	1.8	SRCGP6	R_A4_BJ
553900.00	4181000.00	8.48E+00	1.8	SRCGP6	R_A4_BJ
553920.00	4181000.00	7.57E+00	1.8	SRCGP6	R_A4_BJ
553900.00	4180980.00	8.51E+00	1.8	SRCGP6	R_A4_CL
553920.00	4180980.00	7.60E+00	1.8	SRCGP6	R_A4_CL
553940.00	4180980.00	6.84E+00	1.8	SRCGP6	R_A4_CL
553880.00	4181000.00	9.61E+00	1.8	SRCGP6	R_A4_CL
553940.00	4181000.00	6.82E+00	1.8	SRCGP6	R_A4_CL
553940.00	4181080.00	6.58E+00	1.8	SRCGP6	R_A4_CL
553880.00	4180980.00	9.65E+00	1.8	SRCGP6	R_A4_CL
553600.00	4181380.00	2.02E+01	1.8	SRCGP6	R_ATT
553600.00	4181400.00	1.61E+01	1.8	SRCGP6	R_ATT
553620.00	4181340.00	2.66E+01	1.8	SRCGP6	R_ATT
553620.00	4181360.00	1.99E+01	1.8	SRCGP6	R_ATT
553620.00	4181380.00	1.60E+01	1.8	SRCGP6	R_ATT
553620.00	4181400.00	1.34E+01	1.8	SRCGP6	R_ATT
553620.00	4181420.00	1.15E+01	1.8	SRCGP6	R_ATT
553640.00	4181340.00	1.96E+01	1.8	SRCGP6	R_ATT
553640.00	4181320.00	2.60E+01	1.8	SRCGP6	R_ATT
553640.00	4181360.00	1.58E+01	1.8	SRCGP6	R_ATT
553640.00	4181380.00	1.33E+01	1.8	SRCGP6	R_ATT
553640.00	4181400.00	1.15E+01	1.8	SRCGP6	R_ATT
553640.00	4181420.00	1.01E+01	1.8	SRCGP6	R_ATT
553640.00	4181440.00	9.06E+00	1.8	SRCGP6	R_ATT
553660.00	4181320.00	1.95E+01	1.8	SRCGP6	R_ATT
553660.00	4181340.00	1.57E+01	1.8	SRCGP6	R_ATT
553660.00	4181360.00	1.33E+01	1.8	SRCGP6	R_ATT
553660.00	4181380.00	1.15E+01	1.8	SRCGP6	R_ATT
553660.00	4181400.00	1.01E+01	1.8	SRCGP6	R_ATT

553660.00	4181420.00	9.06E+00	1.8	SRCGP6	R_ATT
553660.00	4181440.00	8.20E+00	1.8	SRCGP6	R_ATT
553660.00	4181460.00	7.48E+00	1.8	SRCGP6	R_ATT
553680.00	4181360.00	1.15E+01	1.8	SRCGP6	R_ATT
553680.00	4181380.00	1.01E+01	1.8	SRCGP6	R_ATT
553680.00	4181400.00	9.07E+00	1.8	SRCGP6	R_ATT
553680.00	4181420.00	8.21E+00	1.8	SRCGP6	R_ATT
553680.00	4181440.00	7.49E+00	1.8	SRCGP6	R_ATT
553680.00	4181460.00	6.88E+00	1.8	SRCGP6	R_ATT
553680.00	4181480.00	6.36E+00	1.8	SRCGP6	R_ATT
553680.00	4181340.00	1.33E+01	1.8	SRCGP6	R_ATT
553680.00	4181320.00	1.57E+01	1.8	SRCGP6	R_ATT
553700.00	4181360.00	1.02E+01	1.8	SRCGP6	R_ATT
553700.00	4181380.00	9.10E+00	1.8	SRCGP6	R_ATT
553700.00	4181400.00	8.24E+00	1.8	SRCGP6	R_ATT
553700.00	4181420.00	7.52E+00	1.8	SRCGP6	R_ATT
553700.00	4181440.00	6.91E+00	1.8	SRCGP6	R_ATT
553700.00	4181460.00	6.38E+00	1.8	SRCGP6	R_ATT
553700.00	4181480.00	5.92E+00	1.8	SRCGP6	R_ATT
553700.00	4181500.00	5.51E+00	1.8	SRCGP6	R_ATT
553700.00	4181340.00	1.15E+01	1.8	SRCGP6	R_ATT
553700.00	4181320.00	1.33E+01	1.8	SRCGP6	R_ATT
553720.00	4181360.00	9.14E+00	1.8	SRCGP6	R_ATT
553720.00	4181380.00	8.27E+00	1.8	SRCGP6	R_ATT
553720.00	4181400.00	7.54E+00	1.8	SRCGP6	R_ATT
553720.00	4181420.00	6.93E+00	1.8	SRCGP6	R_ATT
553720.00	4181440.00	6.41E+00	1.8	SRCGP6	R_ATT
553720.00	4181460.00	5.95E+00	1.8	SRCGP6	R_ATT
553720.00	4181480.00	5.54E+00	1.8	SRCGP6	R_ATT
553720.00	4181500.00	5.18E+00	1.8	SRCGP6	R_ATT
553720.00	4181520.00	4.86E+00	1.8	SRCGP6	R_ATT
553720.00	4181340.00	1.02E+01	1.8	SRCGP6	R_ATT
553720.00	4181320.00	1.16E+01	1.8	SRCGP6	R_ATT
553740.00	4181360.00	8.31E+00	1.8	SRCGP6	R_ATT
553740.00	4181380.00	7.57E+00	1.8	SRCGP6	R_ATT
553740.00	4181400.00	6.96E+00	1.8	SRCGP6	R_ATT
553740.00	4181420.00	6.43E+00	1.8	SRCGP6	R_ATT
553740.00	4181440.00	5.97E+00	1.8	SRCGP6	R_ATT
553740.00	4181460.00	5.57E+00	1.8	SRCGP6	R_ATT
553740.00	4181480.00	5.21E+00	1.8	SRCGP6	R_ATT
553740.00	4181500.00	4.88E+00	1.8	SRCGP6	R_ATT
553740.00	4181520.00	4.59E+00	1.8	SRCGP6	R_ATT
553740.00	4181340.00	9.19E+00	1.8	SRCGP6	R_ATT
553740.00	4181320.00	1.03E+01	1.8	SRCGP6	R_ATT
553760.00	4181360.00	7.60E+00	1.8	SRCGP6	R_ATT
553760.00	4181380.00	6.98E+00	1.8	SRCGP6	R_ATT
553760.00	4181400.00	6.45E+00	1.8	SRCGP6	R_ATT

553760.00	4181420.00	5.99E+00	1.8	SRCGP6	R_ATT
553760.00	4181440.00	5.59E+00	1.8	SRCGP6	R_ATT
553760.00	4181460.00	5.23E+00	1.8	SRCGP6	R_ATT
553760.00	4181480.00	4.91E+00	1.8	SRCGP6	R_ATT
553760.00	4181500.00	4.61E+00	1.8	SRCGP6	R_ATT
553760.00	4181520.00	4.35E+00	1.8	SRCGP6	R_ATT
553760.00	4181340.00	8.34E+00	1.8	SRCGP6	R_ATT
553760.00	4181320.00	9.24E+00	1.8	SRCGP6	R_ATT
553780.00	4181360.00	7.00E+00	1.8	SRCGP6	R_ATT
553780.00	4181380.00	6.46E+00	1.8	SRCGP6	R_ATT
553780.00	4181400.00	6.01E+00	1.8	SRCGP6	R_ATT
553780.00	4181420.00	5.60E+00	1.8	SRCGP6	R_ATT
553780.00	4181440.00	5.24E+00	1.8	SRCGP6	R_ATT
553780.00	4181460.00	4.92E+00	1.8	SRCGP6	R_ATT
553780.00	4181480.00	4.63E+00	1.8	SRCGP6	R_ATT
553780.00	4181500.00	4.37E+00	1.8	SRCGP6	R_ATT
553780.00	4181520.00	4.13E+00	1.8	SRCGP6	R_ATT
553780.00	4181340.00	7.62E+00	1.8	SRCGP6	R_ATT
553800.00	4181360.00	6.47E+00	1.8	SRCGP6	R_ATT
553800.00	4181380.00	6.01E+00	1.8	SRCGP6	R_ATT
553800.00	4181400.00	5.61E+00	1.8	SRCGP6	R_ATT
553800.00	4181420.00	5.25E+00	1.8	SRCGP6	R_ATT
553800.00	4181440.00	4.94E+00	1.8	SRCGP6	R_ATT
553800.00	4181460.00	4.65E+00	1.8	SRCGP6	R_ATT
553800.00	4181480.00	4.39E+00	1.8	SRCGP6	R_ATT
553800.00	4181500.00	4.15E+00	1.8	SRCGP6	R_ATT
553800.00	4181520.00	3.93E+00	1.8	SRCGP6	R_ATT
553820.00	4181360.00	6.00E+00	1.8	SRCGP6	R_ATT
553820.00	4181380.00	5.60E+00	1.8	SRCGP6	R_ATT
553820.00	4181400.00	5.25E+00	1.8	SRCGP6	R_ATT
553820.00	4181420.00	4.94E+00	1.8	SRCGP6	R_ATT
553820.00	4181440.00	4.66E+00	1.8	SRCGP6	R_ATT
553820.00	4181460.00	4.40E+00	1.8	SRCGP6	R_ATT
553820.00	4181480.00	4.16E+00	1.8	SRCGP6	R_ATT
553820.00	4181500.00	3.95E+00	1.8	SRCGP6	R_ATT
553820.00	4181520.00	3.75E+00	1.8	SRCGP6	R_ATT
553840.00	4181360.00	5.58E+00	1.8	SRCGP6	R_ATT
553840.00	4181380.00	5.24E+00	1.8	SRCGP6	R_ATT
553840.00	4181400.00	4.93E+00	1.8	SRCGP6	R_ATT
553840.00	4181420.00	4.65E+00	1.8	SRCGP6	R_ATT
553840.00	4181440.00	4.40E+00	1.8	SRCGP6	R_ATT
553840.00	4181460.00	4.17E+00	1.8	SRCGP6	R_ATT
553840.00	4181480.00	3.95E+00	1.8	SRCGP6	R_ATT
553840.00	4181500.00	3.76E+00	1.8	SRCGP6	R_ATT
553840.00	4181520.00	3.57E+00	1.8	SRCGP6	R_ATT
553920.00	4180820.00	7.21E+00	1.8	SRCGP6	R_B4_BH
553940.00	4180820.00	6.54E+00	1.8	SRCGP6	R_B4_BH

553920.00	4180840.00	7.31E+00	1.8	SRCGP6	R_B4_BH
553940.00	4180840.00	6.62E+00	1.8	SRCGP6	R_B4_BH
553900.00	4180860.00	8.27E+00	1.8	SRCGP6	R_B4_BH
553920.00	4180860.00	7.40E+00	1.8	SRCGP6	R_B4_BH
553940.00	4180860.00	6.69E+00	1.8	SRCGP6	R_B4_BH
553900.00	4180880.00	8.37E+00	1.8	SRCGP6	R_B4_BH
553920.00	4180880.00	7.48E+00	1.8	SRCGP6	R_B4_BH
553960.00	4181040.00	6.11E+00	1.8	SRCGP6	R_PIER48
553980.00	4181040.00	5.59E+00	1.8	SRCGP6	R_PIER48
554000.00	4181040.00	5.15E+00	1.8	SRCGP6	R_PIER48
553960.00	4181060.00	6.05E+00	1.8	SRCGP6	R_PIER48
553980.00	4181060.00	5.54E+00	1.8	SRCGP6	R_PIER48
554000.00	4181060.00	5.10E+00	1.8	SRCGP6	R_PIER48
554020.00	4181060.00	4.71E+00	1.8	SRCGP6	R_PIER48
554040.00	4181060.00	4.38E+00	1.8	SRCGP6	R_PIER48
554060.00	4181060.00	4.09E+00	1.8	SRCGP6	R_PIER48
554080.00	4181060.00	3.83E+00	1.8	SRCGP6	R_PIER48
554100.00	4181060.00	3.60E+00	1.8	SRCGP6	R_PIER48
554120.00	4181060.00	3.39E+00	1.8	SRCGP6	R_PIER48
554140.00	4181060.00	3.20E+00	1.8	SRCGP6	R_PIER48
554160.00	4181060.00	3.03E+00	1.8	SRCGP6	R_PIER48
553960.00	4181080.00	5.98E+00	1.8	SRCGP6	R_PIER48
553980.00	4181080.00	5.47E+00	1.8	SRCGP6	R_PIER48
554000.00	4181080.00	5.04E+00	1.8	SRCGP6	R_PIER48
554020.00	4181080.00	4.66E+00	1.8	SRCGP6	R_PIER48
554040.00	4181080.00	4.33E+00	1.8	SRCGP6	R_PIER48
554060.00	4181080.00	4.05E+00	1.8	SRCGP6	R_PIER48
554080.00	4181080.00	3.79E+00	1.8	SRCGP6	R_PIER48
554100.00	4181080.00	3.56E+00	1.8	SRCGP6	R_PIER48
554120.00	4181080.00	3.36E+00	1.8	SRCGP6	R_PIER48
554140.00	4181080.00	3.17E+00	1.8	SRCGP6	R_PIER48
554160.00	4181080.00	3.00E+00	1.8	SRCGP6	R_PIER48
553960.00	4181100.00	5.89E+00	1.8	SRCGP6	R_PIER48
553980.00	4181100.00	5.39E+00	1.8	SRCGP6	R_PIER48
554000.00	4181100.00	4.97E+00	1.8	SRCGP6	R_PIER48
554020.00	4181100.00	4.60E+00	1.8	SRCGP6	R_PIER48
554040.00	4181100.00	4.28E+00	1.8	SRCGP6	R_PIER48
554060.00	4181100.00	4.00E+00	1.8	SRCGP6	R_PIER48
554080.00	4181100.00	3.74E+00	1.8	SRCGP6	R_PIER48
554100.00	4181100.00	3.52E+00	1.8	SRCGP6	R_PIER48
554120.00	4181100.00	3.32E+00	1.8	SRCGP6	R_PIER48
554140.00	4181100.00	3.14E+00	1.8	SRCGP6	R_PIER48
554160.00	4181100.00	2.97E+00	1.8	SRCGP6	R_PIER48
553960.00	4181120.00	5.78E+00	1.8	SRCGP6	R_PIER48
553980.00	4181120.00	5.30E+00	1.8	SRCGP6	R_PIER48
554000.00	4181120.00	4.89E+00	1.8	SRCGP6	R_PIER48
554020.00	4181120.00	4.53E+00	1.8	SRCGP6	R_PIER48

554040.00	4181120.00	4.21E+00	1.8	SRCGP6	R_PIER48
554060.00	4181120.00	3.94E+00	1.8	SRCGP6	R_PIER48
554080.00	4181120.00	3.69E+00	1.8	SRCGP6	R_PIER48
554100.00	4181120.00	3.47E+00	1.8	SRCGP6	R_PIER48
554120.00	4181120.00	3.28E+00	1.8	SRCGP6	R_PIER48
554140.00	4181120.00	3.10E+00	1.8	SRCGP6	R_PIER48
553940.00	4181140.00	6.21E+00	1.8	SRCGP6	R_PIER48
553960.00	4181140.00	5.66E+00	1.8	SRCGP6	R_PIER48
553980.00	4181140.00	5.19E+00	1.8	SRCGP6	R_PIER48
554000.00	4181140.00	4.79E+00	1.8	SRCGP6	R_PIER48
554020.00	4181140.00	4.45E+00	1.8	SRCGP6	R_PIER48
554040.00	4181140.00	4.14E+00	1.8	SRCGP6	R_PIER48
554060.00	4181140.00	3.87E+00	1.8	SRCGP6	R_PIER48
554080.00	4181140.00	3.64E+00	1.8	SRCGP6	R_PIER48
554100.00	4181140.00	3.42E+00	1.8	SRCGP6	R_PIER48
554120.00	4181140.00	3.23E+00	1.8	SRCGP6	R_PIER48
554140.00	4181140.00	3.06E+00	1.8	SRCGP6	R_PIER48
554040.00	4181160.00	4.06E+00	1.8	SRCGP6	R_PIER48
554060.00	4181160.00	3.81E+00	1.8	SRCGP6	R_PIER48
554080.00	4181160.00	3.57E+00	1.8	SRCGP6	R_PIER48
554100.00	4181160.00	3.37E+00	1.8	SRCGP6	R_PIER48
554120.00	4181160.00	3.18E+00	1.8	SRCGP6	R_PIER48
554140.00	4181160.00	3.01E+00	1.8	SRCGP6	R_PIER48
553980.00	4180780.00	5.41E+00	1.8	SRCGP6	R_PIER50
553980.00	4180800.00	5.46E+00	1.8	SRCGP6	R_PIER50
553980.00	4180820.00	5.51E+00	1.8	SRCGP6	R_PIER50
553980.00	4180840.00	5.56E+00	1.8	SRCGP6	R_PIER50
553980.00	4180860.00	5.60E+00	1.8	SRCGP6	R_PIER50
553980.00	4180880.00	5.64E+00	1.8	SRCGP6	R_PIER50
553980.00	4180900.00	5.67E+00	1.8	SRCGP6	R_PIER50
553980.00	4180920.00	5.69E+00	1.8	SRCGP6	R_PIER50
553980.00	4180940.00	5.70E+00	1.8	SRCGP6	R_PIER50
553980.00	4180960.00	5.70E+00	1.8	SRCGP6	R_PIER50
554000.00	4180720.00	4.90E+00	1.8	SRCGP6	R_PIER50
554000.00	4180740.00	4.94E+00	1.8	SRCGP6	R_PIER50
554000.00	4180760.00	4.98E+00	1.8	SRCGP6	R_PIER50
554000.00	4180780.00	5.02E+00	1.8	SRCGP6	R_PIER50
554000.00	4180800.00	5.06E+00	1.8	SRCGP6	R_PIER50
554000.00	4180820.00	5.10E+00	1.8	SRCGP6	R_PIER50
554000.00	4180840.00	5.14E+00	1.8	SRCGP6	R_PIER50
554000.00	4180860.00	5.17E+00	1.8	SRCGP6	R_PIER50
554000.00	4180880.00	5.20E+00	1.8	SRCGP6	R_PIER50
554000.00	4180900.00	5.22E+00	1.8	SRCGP6	R_PIER50
554000.00	4180920.00	5.24E+00	1.8	SRCGP6	R_PIER50
554000.00	4180940.00	5.25E+00	1.8	SRCGP6	R_PIER50
554000.00	4180960.00	5.24E+00	1.8	SRCGP6	R_PIER50
554020.00	4180840.00	4.77E+00	1.8	SRCGP6	R_PIER50

554020.00	4180860.00	4.80E+00	1.8	SRCGP6	R_PIER50
554020.00	4180880.00	4.82E+00	1.8	SRCGP6	R_PIER50
554020.00	4180900.00	4.84E+00	1.8	SRCGP6	R_PIER50
554020.00	4180920.00	4.85E+00	1.8	SRCGP6	R_PIER50
554020.00	4180940.00	4.85E+00	1.8	SRCGP6	R_PIER50
554020.00	4180960.00	4.85E+00	1.8	SRCGP6	R_PIER50
554040.00	4180840.00	4.45E+00	1.8	SRCGP6	R_PIER50
554040.00	4180860.00	4.47E+00	1.8	SRCGP6	R_PIER50
554040.00	4180880.00	4.49E+00	1.8	SRCGP6	R_PIER50
554040.00	4180900.00	4.50E+00	1.8	SRCGP6	R_PIER50
554040.00	4180920.00	4.51E+00	1.8	SRCGP6	R_PIER50
554040.00	4180940.00	4.51E+00	1.8	SRCGP6	R_PIER50
554040.00	4180960.00	4.51E+00	1.8	SRCGP6	R_PIER50
554060.00	4180840.00	4.17E+00	1.8	SRCGP6	R_PIER50
554060.00	4180860.00	4.19E+00	1.8	SRCGP6	R_PIER50
554060.00	4180880.00	4.20E+00	1.8	SRCGP6	R_PIER50
554060.00	4180900.00	4.21E+00	1.8	SRCGP6	R_PIER50
554060.00	4180920.00	4.21E+00	1.8	SRCGP6	R_PIER50
554060.00	4180940.00	4.21E+00	1.8	SRCGP6	R_PIER50
554060.00	4180960.00	4.21E+00	1.8	SRCGP6	R_PIER50
554080.00	4180840.00	3.92E+00	1.8	SRCGP6	R_PIER50
554080.00	4180860.00	3.93E+00	1.8	SRCGP6	R_PIER50
554080.00	4180880.00	3.94E+00	1.8	SRCGP6	R_PIER50
554080.00	4180900.00	3.95E+00	1.8	SRCGP6	R_PIER50
554080.00	4180920.00	3.95E+00	1.8	SRCGP6	R_PIER50
554080.00	4180940.00	3.95E+00	1.8	SRCGP6	R_PIER50
554080.00	4180960.00	3.94E+00	1.8	SRCGP6	R_PIER50
554100.00	4180840.00	3.69E+00	1.8	SRCGP6	R_PIER50
554100.00	4180860.00	3.70E+00	1.8	SRCGP6	R_PIER50
554100.00	4180880.00	3.71E+00	1.8	SRCGP6	R_PIER50
554100.00	4180900.00	3.71E+00	1.8	SRCGP6	R_PIER50
554100.00	4180920.00	3.71E+00	1.8	SRCGP6	R_PIER50
554100.00	4180940.00	3.71E+00	1.8	SRCGP6	R_PIER50
554100.00	4180960.00	3.70E+00	1.8	SRCGP6	R_PIER50
554120.00	4180840.00	3.48E+00	1.8	SRCGP6	R_PIER50
554120.00	4180860.00	3.49E+00	1.8	SRCGP6	R_PIER50
554120.00	4180880.00	3.50E+00	1.8	SRCGP6	R_PIER50
554120.00	4180900.00	3.50E+00	1.8	SRCGP6	R_PIER50
554120.00	4180920.00	3.50E+00	1.8	SRCGP6	R_PIER50
554120.00	4180940.00	3.50E+00	1.8	SRCGP6	R_PIER50
554120.00	4180960.00	3.49E+00	1.8	SRCGP6	R_PIER50
554140.00	4180840.00	3.30E+00	1.8	SRCGP6	R_PIER50
554140.00	4180860.00	3.30E+00	1.8	SRCGP6	R_PIER50
554140.00	4180880.00	3.31E+00	1.8	SRCGP6	R_PIER50
554140.00	4180900.00	3.31E+00	1.8	SRCGP6	R_PIER50
554140.00	4180920.00	3.31E+00	1.8	SRCGP6	R_PIER50
554140.00	4180940.00	3.30E+00	1.8	SRCGP6	R_PIER50



554140.00	4180960.00	3.30E+00	1.8	SRCGP6	R_PIER50
554160.00	4180840.00	3.13E+00	1.8	SRCGP6	R_PIER50
554160.00	4180860.00	3.13E+00	1.8	SRCGP6	R_PIER50
554160.00	4180880.00	3.14E+00	1.8	SRCGP6	R_PIER50
554160.00	4180900.00	3.14E+00	1.8	SRCGP6	R_PIER50
554160.00	4180920.00	3.13E+00	1.8	SRCGP6	R_PIER50
554160.00	4180940.00	3.13E+00	1.8	SRCGP6	R_PIER50
554160.00	4180960.00	3.12E+00	1.8	SRCGP6	R_PIER50
554180.00	4180840.00	2.97E+00	1.8	SRCGP6	R_PIER50
554180.00	4180860.00	2.98E+00	1.8	SRCGP6	R_PIER50
554180.00	4180880.00	2.98E+00	1.8	SRCGP6	R_PIER50
554180.00	4180900.00	2.98E+00	1.8	SRCGP6	R_PIER50
554180.00	4180920.00	2.97E+00	1.8	SRCGP6	R_PIER50
554180.00	4180940.00	2.97E+00	1.8	SRCGP6	R_PIER50
554180.00	4180960.00	2.96E+00	1.8	SRCGP6	R_PIER50
554200.00	4180840.00	2.83E+00	1.8	SRCGP6	R_PIER50
554200.00	4180860.00	2.83E+00	1.8	SRCGP6	R_PIER50
554200.00	4180880.00	2.83E+00	1.8	SRCGP6	R_PIER50
554200.00	4180900.00	2.83E+00	1.8	SRCGP6	R_PIER50
554200.00	4180920.00	2.83E+00	1.8	SRCGP6	R_PIER50
554200.00	4180940.00	2.82E+00	1.8	SRCGP6	R_PIER50
554200.00	4180960.00	2.82E+00	1.8	SRCGP6	R_PIER50
554220.00	4180840.00	2.70E+00	1.8	SRCGP6	R_PIER50
554220.00	4180860.00	2.70E+00	1.8	SRCGP6	R_PIER50
554220.00	4180880.00	2.70E+00	1.8	SRCGP6	R_PIER50
554220.00	4180900.00	2.70E+00	1.8	SRCGP6	R_PIER50
554220.00	4180920.00	2.70E+00	1.8	SRCGP6	R_PIER50
554220.00	4180940.00	2.69E+00	1.8	SRCGP6	R_PIER50
554220.00	4180960.00	2.68E+00	1.8	SRCGP6	R_PIER50
554240.00	4180820.00	2.58E+00	1.8	SRCGP6	R_PIER50
554240.00	4180840.00	2.58E+00	1.8	SRCGP6	R_PIER50
554240.00	4180860.00	2.58E+00	1.8	SRCGP6	R_PIER50
554240.00	4180880.00	2.58E+00	1.8	SRCGP6	R_PIER50
554240.00	4180900.00	2.58E+00	1.8	SRCGP6	R_PIER50
554240.00	4180920.00	2.57E+00	1.8	SRCGP6	R_PIER50
554240.00	4180940.00	2.57E+00	1.8	SRCGP6	R_PIER50
554240.00	4180960.00	2.56E+00	1.8	SRCGP6	R_PIER50
554260.00	4180820.00	2.47E+00	1.8	SRCGP6	R_PIER50
554260.00	4180840.00	2.47E+00	1.8	SRCGP6	R_PIER50
554260.00	4180860.00	2.47E+00	1.8	SRCGP6	R_PIER50
554260.00	4180880.00	2.47E+00	1.8	SRCGP6	R_PIER50
554260.00	4180900.00	2.46E+00	1.8	SRCGP6	R_PIER50
554260.00	4180920.00	2.46E+00	1.8	SRCGP6	R_PIER50
554260.00	4180940.00	2.45E+00	1.8	SRCGP6	R_PIER50
554260.00	4180960.00	2.45E+00	1.8	SRCGP6	R_PIER50
554280.00	4180800.00	2.36E+00	1.8	SRCGP6	R_PIER50
554280.00	4180820.00	2.36E+00	1.8	SRCGP6	R_PIER50

554280.00	4180840.00	2.36E+00	1.8	SRCGP6	R_PIER50
554280.00	4180860.00	2.36E+00	1.8	SRCGP6	R_PIER50
554280.00	4180880.00	2.36E+00	1.8	SRCGP6	R_PIER50
554280.00	4180900.00	2.36E+00	1.8	SRCGP6	R_PIER50
554280.00	4180920.00	2.35E+00	1.8	SRCGP6	R_PIER50
554280.00	4180940.00	2.35E+00	1.8	SRCGP6	R_PIER50
554280.00	4180960.00	2.34E+00	1.8	SRCGP6	R_PIER50
554300.00	4180780.00	2.27E+00	1.8	SRCGP6	R_PIER50
554300.00	4180800.00	2.27E+00	1.8	SRCGP6	R_PIER50
554300.00	4180820.00	2.27E+00	1.8	SRCGP6	R_PIER50
554300.00	4180840.00	2.27E+00	1.8	SRCGP6	R_PIER50
554300.00	4180860.00	2.27E+00	1.8	SRCGP6	R_PIER50
554300.00	4180880.00	2.26E+00	1.8	SRCGP6	R_PIER50
554300.00	4180900.00	2.26E+00	1.8	SRCGP6	R_PIER50
554300.00	4180920.00	2.26E+00	1.8	SRCGP6	R_PIER50
554300.00	4180940.00	2.25E+00	1.8	SRCGP6	R_PIER50
554300.00	4180960.00	2.24E+00	1.8	SRCGP6	R_PIER50
554320.00	4180780.00	2.18E+00	1.8	SRCGP6	R_PIER50
554320.00	4180800.00	2.18E+00	1.8	SRCGP6	R_PIER50
554320.00	4180820.00	2.18E+00	1.8	SRCGP6	R_PIER50
554320.00	4180840.00	2.18E+00	1.8	SRCGP6	R_PIER50
554320.00	4180860.00	2.18E+00	1.8	SRCGP6	R_PIER50
554320.00	4180880.00	2.17E+00	1.8	SRCGP6	R_PIER50
554320.00	4180900.00	2.17E+00	1.8	SRCGP6	R_PIER50
554320.00	4180920.00	2.17E+00	1.8	SRCGP6	R_PIER50
554320.00	4180940.00	2.16E+00	1.8	SRCGP6	R_PIER50
554320.00	4180960.00	2.15E+00	1.8	SRCGP6	R_PIER50
554340.00	4180760.00	2.09E+00	1.8	SRCGP6	R_PIER50
554340.00	4180780.00	2.09E+00	1.8	SRCGP6	R_PIER50
554340.00	4180800.00	2.09E+00	1.8	SRCGP6	R_PIER50
554340.00	4180820.00	2.09E+00	1.8	SRCGP6	R_PIER50
554340.00	4180840.00	2.09E+00	1.8	SRCGP6	R_PIER50
554340.00	4180860.00	2.09E+00	1.8	SRCGP6	R_PIER50
554340.00	4180880.00	2.09E+00	1.8	SRCGP6	R_PIER50
554340.00	4180900.00	2.08E+00	1.8	SRCGP6	R_PIER50
554340.00	4180920.00	2.08E+00	1.8	SRCGP6	R_PIER50
554340.00	4180940.00	2.07E+00	1.8	SRCGP6	R_PIER50
554340.00	4180960.00	2.07E+00	1.8	SRCGP6	R_PIER50
554360.00	4180760.00	2.01E+00	1.8	SRCGP6	R_PIER50
554360.00	4180780.00	2.01E+00	1.8	SRCGP6	R_PIER50
554360.00	4180800.00	2.01E+00	1.8	SRCGP6	R_PIER50
554360.00	4180820.00	2.01E+00	1.8	SRCGP6	R_PIER50
554360.00	4180840.00	2.01E+00	1.8	SRCGP6	R_PIER50
554360.00	4180860.00	2.01E+00	1.8	SRCGP6	R_PIER50
554360.00	4180880.00	2.01E+00	1.8	SRCGP6	R_PIER50
554360.00	4180900.00	2.01E+00	1.8	SRCGP6	R_PIER50
554360.00	4180920.00	2.00E+00	1.8	SRCGP6	R_PIER50

554360.00	4180940.00	1.99E+00	1.8	SRCGP6	R_PIER50
554360.00	4180960.00	1.99E+00	1.8	SRCGP6	R_PIER50
554380.00	4180740.00	1.94E+00	1.8	SRCGP6	R_PIER50
554380.00	4180760.00	1.94E+00	1.8	SRCGP6	R_PIER50
554380.00	4180780.00	1.94E+00	1.8	SRCGP6	R_PIER50
554380.00	4180800.00	1.94E+00	1.8	SRCGP6	R_PIER50
554380.00	4180820.00	1.94E+00	1.8	SRCGP6	R_PIER50
554380.00	4180840.00	1.94E+00	1.8	SRCGP6	R_PIER50
554380.00	4180860.00	1.94E+00	1.8	SRCGP6	R_PIER50
554380.00	4180880.00	1.93E+00	1.8	SRCGP6	R_PIER50
554380.00	4180900.00	1.93E+00	1.8	SRCGP6	R_PIER50
554380.00	4180920.00	1.93E+00	1.8	SRCGP6	R_PIER50
554380.00	4180940.00	1.92E+00	1.8	SRCGP6	R_PIER50
554380.00	4180960.00	1.91E+00	1.8	SRCGP6	R_PIER50
554400.00	4180740.00	1.87E+00	1.8	SRCGP6	R_PIER50
554400.00	4180760.00	1.87E+00	1.8	SRCGP6	R_PIER50
554400.00	4180780.00	1.87E+00	1.8	SRCGP6	R_PIER50
554400.00	4180800.00	1.87E+00	1.8	SRCGP6	R_PIER50
554400.00	4180820.00	1.87E+00	1.8	SRCGP6	R_PIER50
554400.00	4180840.00	1.87E+00	1.8	SRCGP6	R_PIER50
554400.00	4180860.00	1.87E+00	1.8	SRCGP6	R_PIER50
554400.00	4180880.00	1.86E+00	1.8	SRCGP6	R_PIER50
554400.00	4180900.00	1.86E+00	1.8	SRCGP6	R_PIER50
554400.00	4180920.00	1.86E+00	1.8	SRCGP6	R_PIER50
554400.00	4180940.00	1.85E+00	1.8	SRCGP6	R_PIER50
554400.00	4180960.00	1.84E+00	1.8	SRCGP6	R_PIER50
554420.00	4180720.00	1.80E+00	1.8	SRCGP6	R_PIER50
554420.00	4180740.00	1.80E+00	1.8	SRCGP6	R_PIER50
554420.00	4180760.00	1.81E+00	1.8	SRCGP6	R_PIER50
554420.00	4180780.00	1.81E+00	1.8	SRCGP6	R_PIER50
554420.00	4180800.00	1.81E+00	1.8	SRCGP6	R_PIER50
554420.00	4180820.00	1.80E+00	1.8	SRCGP6	R_PIER50
554420.00	4180840.00	1.80E+00	1.8	SRCGP6	R_PIER50
554420.00	4180860.00	1.80E+00	1.8	SRCGP6	R_PIER50
554420.00	4180880.00	1.80E+00	1.8	SRCGP6	R_PIER50
554420.00	4180900.00	1.79E+00	1.8	SRCGP6	R_PIER50
554420.00	4180920.00	1.79E+00	1.8	SRCGP6	R_PIER50
554420.00	4180940.00	1.78E+00	1.8	SRCGP6	R_PIER50
554420.00	4180960.00	1.78E+00	1.8	SRCGP6	R_PIER50
554440.00	4180720.00	1.74E+00	1.8	SRCGP6	R_PIER50
554440.00	4180740.00	1.74E+00	1.8	SRCGP6	R_PIER50
554440.00	4180760.00	1.74E+00	1.8	SRCGP6	R_PIER50
554440.00	4180780.00	1.74E+00	1.8	SRCGP6	R_PIER50
554440.00	4180800.00	1.74E+00	1.8	SRCGP6	R_PIER50
554440.00	4180820.00	1.74E+00	1.8	SRCGP6	R_PIER50
554440.00	4180840.00	1.74E+00	1.8	SRCGP6	R_PIER50
554440.00	4180860.00	1.74E+00	1.8	SRCGP6	R_PIER50

554440.00	4180880.00	1.74E+00	1.8	SRCGP6	R_PIER50
554440.00	4180900.00	1.73E+00	1.8	SRCGP6	R_PIER50
554440.00	4180920.00	1.73E+00	1.8	SRCGP6	R_PIER50
554440.00	4180940.00	1.72E+00	1.8	SRCGP6	R_PIER50
554440.00	4180960.00	1.72E+00	1.8	SRCGP6	R_PIER50
553680.00	4180480.00	1.03E+01	1.8	SRCGP6	Sensitive
553360.00	4181000.00	4.10E+00	1.8	SRCGP6	Sensitive
553160.00	4180800.00	2.40E+00	1.8	SRCGP6	Sensitive
552940.00	4180980.00	1.81E+00	1.8	SRCGP6	Sensitive
553440.00	4180240.00	3.57E+00	1.8	SRCGP6	Sensitive
553920.00	4180800.00	7.10E+00	1.8	SRCGP6	Sensitive
553400.00	4180440.00	3.33E+00	1.8	SRCGP6	Sensitive
553920.00	4180000.00	8.09E+00	1.8	SRCGP6	Sensitive
553560.00	4180360.00	5.05E+00	1.8	SRCGP6	Sensitive
553360.00	4180340.00	3.00E+00	1.8	SRCGP6	Sensitive
553160.00	4181180.00	3.26E+00	1.8	SRCGP6	Sensitive

**Annual Average Concentration at Each Receptor Location: Mission Rock Operation Scenario - Source Group**

- AERMOD runs with unit emission 1 g/s and 2008-2012 5-year metdata

- Emissions during daytime only (7am - 5pm)

- New set of receptors (CRRP)

UTM X (m)	UTM Y (m)	Annual Conc (ug/m <sup>3</sup> )	ZFLAG (m)	Source Group	Receptor Group
553440.00	4180520.00	3.84E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180540.00	3.88E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180560.00	3.92E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180580.00	3.96E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180600.00	4.01E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180620.00	4.06E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180640.00	4.12E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180660.00	4.17E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180720.00	4.36E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180740.00	4.42E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180760.00	4.49E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180780.00	4.56E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180800.00	4.62E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180840.00	4.75E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180860.00	4.81E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180880.00	4.88E+00	1.8	SRCGP7	OFF_SITE
553440.00	4180900.00	4.94E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181020.00	5.28E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181040.00	5.34E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181060.00	5.40E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181080.00	5.47E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181160.00	5.88E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181180.00	6.03E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181200.00	6.21E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181220.00	6.43E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181240.00	6.69E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181260.00	7.01E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181300.00	7.85E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181320.00	8.43E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181340.00	9.14E+00	1.8	SRCGP7	OFF_SITE
553440.00	4181360.00	1.00E+01	1.8	SRCGP7	OFF_SITE
553440.00	4181380.00	1.12E+01	1.8	SRCGP7	OFF_SITE
553440.00	4181400.00	1.28E+01	1.8	SRCGP7	OFF_SITE
553440.00	4181420.00	1.50E+01	1.8	SRCGP7	OFF_SITE
553440.00	4181440.00	1.85E+01	1.8	SRCGP7	OFF_SITE
553440.00	4181460.00	2.47E+01	1.8	SRCGP7	OFF_SITE
553440.00	4181480.00	3.90E+01	1.8	SRCGP7	OFF_SITE
553460.00	4180520.00	4.05E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180540.00	4.09E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180560.00	4.14E+00	1.8	SRCGP7	OFF_SITE

553460.00	4180580.00	4.19E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180600.00	4.24E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180620.00	4.30E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180640.00	4.36E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180660.00	4.42E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180700.00	4.56E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180740.00	4.71E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180760.00	4.78E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180780.00	4.86E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180800.00	4.94E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180820.00	5.01E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180860.00	5.15E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180880.00	5.22E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180900.00	5.29E+00	1.8	SRCGP7	OFF_SITE
553460.00	4180920.00	5.36E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181040.00	5.72E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181060.00	5.78E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181120.00	6.02E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181140.00	6.14E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181180.00	6.43E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181200.00	6.63E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181220.00	6.87E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181240.00	7.17E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181260.00	7.53E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181280.00	7.98E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181320.00	9.23E+00	1.8	SRCGP7	OFF_SITE
553460.00	4181340.00	1.01E+01	1.8	SRCGP7	OFF_SITE
553460.00	4181360.00	1.13E+01	1.8	SRCGP7	OFF_SITE
553460.00	4181380.00	1.29E+01	1.8	SRCGP7	OFF_SITE
553460.00	4181400.00	1.52E+01	1.8	SRCGP7	OFF_SITE
553460.00	4181420.00	1.88E+01	1.8	SRCGP7	OFF_SITE
553460.00	4181440.00	2.54E+01	1.8	SRCGP7	OFF_SITE
553460.00	4181460.00	4.13E+01	1.8	SRCGP7	OFF_SITE
553460.00	4181500.00	3.59E+01	1.8	SRCGP7	OFF_SITE
553460.00	4181520.00	2.77E+01	1.8	SRCGP7	OFF_SITE
553480.00	4180520.00	4.29E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180540.00	4.34E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180560.00	4.39E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180580.00	4.44E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180600.00	4.50E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180620.00	4.57E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180640.00	4.63E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180660.00	4.71E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180700.00	4.86E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180720.00	4.95E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180760.00	5.12E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180780.00	5.21E+00	1.8	SRCGP7	OFF_SITE

553480.00	4180800.00	5.29E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180820.00	5.38E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180840.00	5.46E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180880.00	5.62E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180900.00	5.70E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180920.00	5.77E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180940.00	5.84E+00	1.8	SRCGP7	OFF_SITE
553480.00	4180960.00	5.91E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181040.00	6.15E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181080.00	6.29E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181100.00	6.37E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181120.00	6.46E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181140.00	6.58E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181160.00	6.72E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181200.00	7.12E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181220.00	7.39E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181240.00	7.73E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181260.00	8.16E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181280.00	8.70E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181300.00	9.38E+00	1.8	SRCGP7	OFF_SITE
553480.00	4181340.00	1.15E+01	1.8	SRCGP7	OFF_SITE
553480.00	4181360.00	1.31E+01	1.8	SRCGP7	OFF_SITE
553480.00	4181380.00	1.55E+01	1.8	SRCGP7	OFF_SITE
553480.00	4181400.00	1.93E+01	1.8	SRCGP7	OFF_SITE
553480.00	4181420.00	2.62E+01	1.8	SRCGP7	OFF_SITE
553480.00	4181440.00	3.25E+01	1.8	SRCGP7	OFF_SITE
553480.00	4181480.00	3.41E+01	1.8	SRCGP7	OFF_SITE
553480.00	4181500.00	2.66E+01	1.8	SRCGP7	OFF_SITE
553480.00	4181520.00	1.91E+01	1.8	SRCGP7	OFF_SITE
553500.00	4180520.00	4.56E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180540.00	4.61E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180560.00	4.67E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180580.00	4.73E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180600.00	4.80E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180620.00	4.87E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180640.00	4.95E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180660.00	5.03E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180700.00	5.21E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180720.00	5.30E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180740.00	5.40E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180780.00	5.61E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180800.00	5.71E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180820.00	5.81E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180840.00	5.91E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180860.00	6.00E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180900.00	6.18E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180920.00	6.26E+00	1.8	SRCGP7	OFF_SITE

553500.00	4180940.00	6.34E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180960.00	6.41E+00	1.8	SRCGP7	OFF_SITE
553500.00	4180980.00	6.47E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181000.00	6.54E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181060.00	6.73E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181080.00	6.80E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181100.00	6.88E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181120.00	6.98E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181140.00	7.10E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181160.00	7.25E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181180.00	7.44E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181220.00	8.00E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181240.00	8.41E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181260.00	8.93E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181280.00	9.60E+00	1.8	SRCGP7	OFF_SITE
553500.00	4181300.00	1.05E+01	1.8	SRCGP7	OFF_SITE
553500.00	4181320.00	1.17E+01	1.8	SRCGP7	OFF_SITE
553500.00	4181360.00	1.58E+01	1.8	SRCGP7	OFF_SITE
553500.00	4181380.00	1.97E+01	1.8	SRCGP7	OFF_SITE
553500.00	4181400.00	2.72E+01	1.8	SRCGP7	OFF_SITE
553500.00	4181420.00	3.38E+01	1.8	SRCGP7	OFF_SITE
553500.00	4181460.00	3.25E+01	1.8	SRCGP7	OFF_SITE
553500.00	4181480.00	2.56E+01	1.8	SRCGP7	OFF_SITE
553500.00	4181500.00	1.86E+01	1.8	SRCGP7	OFF_SITE
553500.00	4181520.00	1.48E+01	1.8	SRCGP7	OFF_SITE
553520.00	4180520.00	4.86E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180540.00	4.92E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180560.00	4.99E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180580.00	5.06E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180600.00	5.13E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180620.00	5.22E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180640.00	5.30E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180660.00	5.40E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180700.00	5.60E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180720.00	5.72E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180740.00	5.83E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180760.00	5.96E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180800.00	6.20E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180820.00	6.32E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180840.00	6.43E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180860.00	6.54E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180880.00	6.65E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180920.00	6.84E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180940.00	6.92E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180960.00	7.00E+00	1.8	SRCGP7	OFF_SITE
553520.00	4180980.00	7.07E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181000.00	7.14E+00	1.8	SRCGP7	OFF_SITE



553520.00	4181080.00	7.40E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181100.00	7.48E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181120.00	7.58E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181140.00	7.71E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181160.00	7.87E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181180.00	8.08E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181200.00	8.37E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181240.00	9.23E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181260.00	9.88E+00	1.8	SRCGP7	OFF_SITE
553520.00	4181280.00	1.08E+01	1.8	SRCGP7	OFF_SITE
553520.00	4181300.00	1.19E+01	1.8	SRCGP7	OFF_SITE
553520.00	4181320.00	1.36E+01	1.8	SRCGP7	OFF_SITE
553520.00	4181340.00	1.62E+01	1.8	SRCGP7	OFF_SITE
553520.00	4181380.00	2.84E+01	1.8	SRCGP7	OFF_SITE
553520.00	4181400.00	3.52E+01	1.8	SRCGP7	OFF_SITE
553520.00	4181440.00	4.05E+01	1.8	SRCGP7	OFF_SITE
553520.00	4181460.00	2.47E+01	1.8	SRCGP7	OFF_SITE
553520.00	4181480.00	1.82E+01	1.8	SRCGP7	OFF_SITE
553520.00	4181500.00	1.46E+01	1.8	SRCGP7	OFF_SITE
553520.00	4181520.00	1.23E+01	1.8	SRCGP7	OFF_SITE
553540.00	4180520.00	5.22E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180540.00	5.29E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180560.00	5.36E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180580.00	5.44E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180600.00	5.53E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180620.00	5.62E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180640.00	5.72E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180660.00	5.82E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180700.00	6.06E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180720.00	6.20E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180740.00	6.34E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180760.00	6.48E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180780.00	6.63E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180820.00	6.92E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180840.00	7.06E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180860.00	7.19E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180880.00	7.32E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180900.00	7.43E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180940.00	7.63E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180960.00	7.72E+00	1.8	SRCGP7	OFF_SITE
553540.00	4180980.00	7.80E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181100.00	8.21E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181120.00	8.31E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181140.00	8.44E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181160.00	8.61E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181180.00	8.85E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181200.00	9.18E+00	1.8	SRCGP7	OFF_SITE

553540.00	4181220.00	9.64E+00	1.8	SRCGP7	OFF_SITE
553540.00	4181260.00	1.11E+01	1.8	SRCGP7	OFF_SITE
553540.00	4181280.00	1.23E+01	1.8	SRCGP7	OFF_SITE
553540.00	4181300.00	1.40E+01	1.8	SRCGP7	OFF_SITE
553540.00	4181320.00	1.66E+01	1.8	SRCGP7	OFF_SITE
553540.00	4181340.00	2.10E+01	1.8	SRCGP7	OFF_SITE
553540.00	4181360.00	2.96E+01	1.8	SRCGP7	OFF_SITE
553540.00	4181420.00	3.81E+01	1.8	SRCGP7	OFF_SITE
553540.00	4181440.00	2.39E+01	1.8	SRCGP7	OFF_SITE
553540.00	4181460.00	1.78E+01	1.8	SRCGP7	OFF_SITE
553540.00	4181480.00	1.44E+01	1.8	SRCGP7	OFF_SITE
553540.00	4181500.00	1.21E+01	1.8	SRCGP7	OFF_SITE
553540.00	4181520.00	1.05E+01	1.8	SRCGP7	OFF_SITE
553560.00	4180520.00	5.64E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180540.00	5.71E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180560.00	5.80E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180580.00	5.89E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180600.00	5.99E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180620.00	6.09E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180640.00	6.20E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180660.00	6.33E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180700.00	6.61E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180720.00	6.77E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180740.00	6.94E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180760.00	7.12E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180780.00	7.30E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180800.00	7.48E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180840.00	7.83E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180860.00	7.99E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180880.00	8.14E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180900.00	8.27E+00	1.8	SRCGP7	OFF_SITE
553560.00	4180920.00	8.40E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181000.00	8.77E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181020.00	8.84E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181120.00	9.20E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181140.00	9.33E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181160.00	9.52E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181180.00	9.79E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181200.00	1.02E+01	1.8	SRCGP7	OFF_SITE
553560.00	4181220.00	1.08E+01	1.8	SRCGP7	OFF_SITE
553560.00	4181240.00	1.16E+01	1.8	SRCGP7	OFF_SITE
553560.00	4181280.00	1.45E+01	1.8	SRCGP7	OFF_SITE
553560.00	4181300.00	1.71E+01	1.8	SRCGP7	OFF_SITE
553560.00	4181320.00	2.17E+01	1.8	SRCGP7	OFF_SITE
553560.00	4181340.00	3.11E+01	1.8	SRCGP7	OFF_SITE
553560.00	4181420.00	2.32E+01	1.8	SRCGP7	OFF_SITE
553560.00	4181440.00	1.75E+01	1.8	SRCGP7	OFF_SITE

553560.00	4181460.00	1.42E+01	1.8	SRCGP7	OFF_SITE
553560.00	4181480.00	1.20E+01	1.8	SRCGP7	OFF_SITE
553560.00	4181500.00	1.04E+01	1.8	SRCGP7	OFF_SITE
553560.00	4181520.00	9.25E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180520.00	6.13E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180540.00	6.22E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180560.00	6.32E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180580.00	6.42E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180600.00	6.54E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180620.00	6.66E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180640.00	6.79E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180660.00	6.94E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180700.00	7.27E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180720.00	7.46E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180740.00	7.67E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180760.00	7.89E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180780.00	8.12E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180800.00	8.35E+00	1.8	SRCGP7	OFF_SITE
553580.00	4180820.00	8.58E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181000.00	9.90E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181020.00	9.98E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181040.00	1.00E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181140.00	1.04E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181160.00	1.06E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181180.00	1.10E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181200.00	1.14E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181220.00	1.22E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181240.00	1.33E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181260.00	1.50E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181300.00	2.25E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181320.00	3.27E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181440.00	1.40E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181460.00	1.19E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181480.00	1.04E+01	1.8	SRCGP7	OFF_SITE
553580.00	4181500.00	9.22E+00	1.8	SRCGP7	OFF_SITE
553580.00	4181520.00	8.27E+00	1.8	SRCGP7	OFF_SITE
553600.00	4180800.00	9.46E+00	1.8	SRCGP7	OFF_SITE
553600.00	4180820.00	9.76E+00	1.8	SRCGP7	OFF_SITE
553600.00	4180840.00	1.00E+01	1.8	SRCGP7	OFF_SITE
553600.00	4180860.00	1.03E+01	1.8	SRCGP7	OFF_SITE
553600.00	4180900.00	1.07E+01	1.8	SRCGP7	OFF_SITE
553600.00	4180920.00	1.09E+01	1.8	SRCGP7	OFF_SITE
553600.00	4180940.00	1.10E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181000.00	1.14E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181020.00	1.15E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181040.00	1.15E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181060.00	1.16E+01	1.8	SRCGP7	OFF_SITE

553600.00	4181160.00	1.21E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181180.00	1.25E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181200.00	1.31E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181220.00	1.41E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181240.00	1.58E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181260.00	1.85E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181280.00	2.35E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181460.00	1.03E+01	1.8	SRCGP7	OFF_SITE
553600.00	4181480.00	9.19E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181500.00	8.27E+00	1.8	SRCGP7	OFF_SITE
553600.00	4181520.00	7.50E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180520.00	7.50E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180540.00	7.63E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180560.00	7.77E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180600.00	8.07E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180620.00	8.25E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180640.00	8.43E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180660.00	8.64E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180700.00	9.13E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180720.00	9.41E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180740.00	9.74E+00	1.8	SRCGP7	OFF_SITE
553620.00	4180760.00	1.01E+01	1.8	SRCGP7	OFF_SITE
553620.00	4180780.00	1.05E+01	1.8	SRCGP7	OFF_SITE
553620.00	4180800.00	1.09E+01	1.8	SRCGP7	OFF_SITE
553620.00	4180820.00	1.13E+01	1.8	SRCGP7	OFF_SITE
553620.00	4180840.00	1.17E+01	1.8	SRCGP7	OFF_SITE
553620.00	4180860.00	1.21E+01	1.8	SRCGP7	OFF_SITE
553620.00	4180900.00	1.26E+01	1.8	SRCGP7	OFF_SITE
553620.00	4180920.00	1.28E+01	1.8	SRCGP7	OFF_SITE
553620.00	4180940.00	1.29E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181000.00	1.33E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181020.00	1.34E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181040.00	1.35E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181060.00	1.36E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181080.00	1.36E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181180.00	1.45E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181200.00	1.53E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181220.00	1.68E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181240.00	1.96E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181260.00	2.47E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181280.00	3.67E+01	1.8	SRCGP7	OFF_SITE
553620.00	4181480.00	8.27E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181500.00	7.51E+00	1.8	SRCGP7	OFF_SITE
553620.00	4181520.00	6.87E+00	1.8	SRCGP7	OFF_SITE
553640.00	4180520.00	8.50E+00	1.8	SRCGP7	OFF_SITE
553640.00	4180540.00	8.65E+00	1.8	SRCGP7	OFF_SITE
553640.00	4180560.00	8.82E+00	1.8	SRCGP7	OFF_SITE

553640.00	4180600.00	9.20E+00	1.8	SRCGP7	OFF_SITE
553640.00	4180620.00	9.42E+00	1.8	SRCGP7	OFF_SITE
553640.00	4180640.00	9.65E+00	1.8	SRCGP7	OFF_SITE
553640.00	4180660.00	9.91E+00	1.8	SRCGP7	OFF_SITE
553640.00	4180700.00	1.05E+01	1.8	SRCGP7	OFF_SITE
553640.00	4180720.00	1.09E+01	1.8	SRCGP7	OFF_SITE
553640.00	4180740.00	1.13E+01	1.8	SRCGP7	OFF_SITE
553640.00	4180760.00	1.18E+01	1.8	SRCGP7	OFF_SITE
553640.00	4180780.00	1.23E+01	1.8	SRCGP7	OFF_SITE
553640.00	4180800.00	1.29E+01	1.8	SRCGP7	OFF_SITE
553640.00	4180820.00	1.35E+01	1.8	SRCGP7	OFF_SITE
553640.00	4180840.00	1.41E+01	1.8	SRCGP7	OFF_SITE
553640.00	4180860.00	1.46E+01	1.8	SRCGP7	OFF_SITE
553640.00	4180900.00	1.53E+01	1.8	SRCGP7	OFF_SITE
553640.00	4180920.00	1.55E+01	1.8	SRCGP7	OFF_SITE
553640.00	4180940.00	1.57E+01	1.8	SRCGP7	OFF_SITE
553640.00	4181000.00	1.62E+01	1.8	SRCGP7	OFF_SITE
553640.00	4181020.00	1.63E+01	1.8	SRCGP7	OFF_SITE
553640.00	4181040.00	1.64E+01	1.8	SRCGP7	OFF_SITE
553640.00	4181060.00	1.65E+01	1.8	SRCGP7	OFF_SITE
553640.00	4181080.00	1.65E+01	1.8	SRCGP7	OFF_SITE
553640.00	4181100.00	1.65E+01	1.8	SRCGP7	OFF_SITE
553640.00	4181200.00	1.85E+01	1.8	SRCGP7	OFF_SITE
553640.00	4181220.00	2.10E+01	1.8	SRCGP7	OFF_SITE
553640.00	4181240.00	2.63E+01	1.8	SRCGP7	OFF_SITE
553640.00	4181260.00	3.93E+01	1.8	SRCGP7	OFF_SITE
553640.00	4181500.00	6.89E+00	1.8	SRCGP7	OFF_SITE
553640.00	4181520.00	6.35E+00	1.8	SRCGP7	OFF_SITE
553660.00	4180520.00	9.86E+00	1.8	SRCGP7	OFF_SITE
553660.00	4180540.00	1.01E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180560.00	1.03E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180600.00	1.08E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180620.00	1.11E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180640.00	1.14E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180660.00	1.17E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180700.00	1.25E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180720.00	1.30E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180740.00	1.36E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180760.00	1.42E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180780.00	1.50E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180800.00	1.59E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180820.00	1.69E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180840.00	1.77E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180860.00	1.85E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180900.00	1.94E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180920.00	1.97E+01	1.8	SRCGP7	OFF_SITE
553660.00	4180940.00	1.98E+01	1.8	SRCGP7	OFF_SITE

553660.00	4181000.00	2.05E+01	1.8	SRCGP7	OFF_SITE
553660.00	4181020.00	2.08E+01	1.8	SRCGP7	OFF_SITE
553660.00	4181040.00	2.09E+01	1.8	SRCGP7	OFF_SITE
553660.00	4181060.00	2.10E+01	1.8	SRCGP7	OFF_SITE
553660.00	4181080.00	2.11E+01	1.8	SRCGP7	OFF_SITE
553660.00	4181100.00	2.11E+01	1.8	SRCGP7	OFF_SITE
553660.00	4181120.00	2.10E+01	1.8	SRCGP7	OFF_SITE
553660.00	4181220.00	2.86E+01	1.8	SRCGP7	OFF_SITE
553660.00	4181240.00	4.26E+01	1.8	SRCGP7	OFF_SITE
553660.00	4181520.00	5.90E+00	1.8	SRCGP7	OFF_SITE
553680.00	4180520.00	1.19E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180540.00	1.22E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180560.00	1.25E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180600.00	1.32E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180620.00	1.36E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180640.00	1.41E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180660.00	1.45E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180700.00	1.57E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180720.00	1.64E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180740.00	1.72E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180760.00	1.82E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180780.00	1.95E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180800.00	2.10E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180820.00	2.27E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180840.00	2.42E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180860.00	2.54E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180900.00	2.67E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180920.00	2.70E+01	1.8	SRCGP7	OFF_SITE
553680.00	4180940.00	2.70E+01	1.8	SRCGP7	OFF_SITE
553680.00	4181000.00	2.81E+01	1.8	SRCGP7	OFF_SITE
553680.00	4181020.00	2.87E+01	1.8	SRCGP7	OFF_SITE
553680.00	4181040.00	2.91E+01	1.8	SRCGP7	OFF_SITE
553680.00	4181060.00	2.92E+01	1.8	SRCGP7	OFF_SITE
553680.00	4181080.00	2.92E+01	1.8	SRCGP7	OFF_SITE
553680.00	4181100.00	2.92E+01	1.8	SRCGP7	OFF_SITE
553680.00	4181120.00	2.90E+01	1.8	SRCGP7	OFF_SITE
553680.00	4181140.00	2.88E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180520.00	1.52E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180540.00	1.57E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180560.00	1.62E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180600.00	1.74E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180620.00	1.81E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180640.00	1.89E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180660.00	1.97E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180700.00	2.18E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180720.00	2.30E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180740.00	2.45E+01	1.8	SRCGP7	OFF_SITE

553700.00	4180760.00	2.63E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180780.00	2.86E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180800.00	3.16E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180820.00	3.54E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180840.00	3.88E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180860.00	4.09E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180900.00	4.28E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180920.00	4.30E+01	1.8	SRCGP7	OFF_SITE
553700.00	4180940.00	4.29E+01	1.8	SRCGP7	OFF_SITE
553700.00	4181000.00	4.61E+01	1.8	SRCGP7	OFF_SITE
553700.00	4181020.00	4.78E+01	1.8	SRCGP7	OFF_SITE
553700.00	4181040.00	4.85E+01	1.8	SRCGP7	OFF_SITE
553700.00	4181060.00	4.87E+01	1.8	SRCGP7	OFF_SITE
553700.00	4181080.00	4.87E+01	1.8	SRCGP7	OFF_SITE
553700.00	4181100.00	4.86E+01	1.8	SRCGP7	OFF_SITE
553700.00	4181120.00	4.84E+01	1.8	SRCGP7	OFF_SITE
553700.00	4181140.00	4.79E+01	1.8	SRCGP7	OFF_SITE
553720.00	4180520.00	2.18E+01	1.8	SRCGP7	OFF_SITE
553720.00	4180540.00	2.29E+01	1.8	SRCGP7	OFF_SITE
553720.00	4180560.00	2.41E+01	1.8	SRCGP7	OFF_SITE
553720.00	4180600.00	2.70E+01	1.8	SRCGP7	OFF_SITE
553720.00	4180620.00	2.87E+01	1.8	SRCGP7	OFF_SITE
553720.00	4180640.00	3.07E+01	1.8	SRCGP7	OFF_SITE
553720.00	4180660.00	3.31E+01	1.8	SRCGP7	OFF_SITE
553740.00	4180520.00	3.21E+01	1.8	SRCGP7	OFF_SITE
553740.00	4180540.00	3.40E+01	1.8	SRCGP7	OFF_SITE
553740.00	4180560.00	2.59E+01	1.8	SRCGP7	OFF_SITE
553760.00	4180620.00	4.13E+01	1.8	SRCGP7	OFF_SITE
553760.00	4180640.00	3.78E+01	1.8	SRCGP7	OFF_SITE
553760.00	4180660.00	3.49E+01	1.8	SRCGP7	OFF_SITE
553760.00	4180680.00	3.26E+01	1.8	SRCGP7	OFF_SITE
553760.00	4180720.00	2.92E+01	1.8	SRCGP7	OFF_SITE
553760.00	4180740.00	2.81E+01	1.8	SRCGP7	OFF_SITE
553760.00	4180760.00	2.75E+01	1.8	SRCGP7	OFF_SITE
553760.00	4180780.00	2.77E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180520.00	2.74E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180540.00	2.59E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180560.00	2.45E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180580.00	2.34E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180600.00	2.24E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180620.00	2.15E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180640.00	2.07E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180660.00	2.01E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180680.00	1.95E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180720.00	1.88E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180740.00	1.87E+01	1.8	SRCGP7	OFF_SITE
553780.00	4180760.00	1.89E+01	1.8	SRCGP7	OFF_SITE

553780.00	4180780.00	1.94E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180520.00	1.73E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180540.00	1.68E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180560.00	1.63E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180580.00	1.59E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180600.00	1.55E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180620.00	1.52E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180640.00	1.49E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180660.00	1.47E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180680.00	1.45E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180720.00	1.44E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180740.00	1.45E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180760.00	1.48E+01	1.8	SRCGP7	OFF_SITE
553800.00	4180780.00	1.52E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180520.00	1.30E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180540.00	1.28E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180560.00	1.25E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180580.00	1.24E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180620.00	1.20E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180640.00	1.19E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180660.00	1.18E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180680.00	1.18E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180720.00	1.19E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180740.00	1.20E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180760.00	1.23E+01	1.8	SRCGP7	OFF_SITE
553820.00	4180780.00	1.26E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180520.00	1.06E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180540.00	1.05E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180560.00	1.04E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180580.00	1.03E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180620.00	1.01E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180640.00	1.01E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180660.00	1.00E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180680.00	1.00E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180720.00	1.02E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180740.00	1.03E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180760.00	1.05E+01	1.8	SRCGP7	OFF_SITE
553840.00	4180780.00	1.08E+01	1.8	SRCGP7	OFF_SITE
553860.00	4180520.00	9.05E+00	1.8	SRCGP7	OFF_SITE
553860.00	4180540.00	8.97E+00	1.8	SRCGP7	OFF_SITE
553860.00	4180560.00	8.90E+00	1.8	SRCGP7	OFF_SITE
553860.00	4180580.00	8.84E+00	1.8	SRCGP7	OFF_SITE
553860.00	4180620.00	8.77E+00	1.8	SRCGP7	OFF_SITE
553860.00	4180640.00	8.76E+00	1.8	SRCGP7	OFF_SITE
553860.00	4180660.00	8.76E+00	1.8	SRCGP7	OFF_SITE
553860.00	4180680.00	8.79E+00	1.8	SRCGP7	OFF_SITE
553860.00	4180720.00	8.93E+00	1.8	SRCGP7	OFF_SITE



553860.00	4180740.00	9.05E+00	1.8	SRCGP7	OFF_SITE
553860.00	4180760.00	9.22E+00	1.8	SRCGP7	OFF_SITE
553860.00	4180780.00	9.44E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180520.00	7.92E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180540.00	7.87E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180560.00	7.83E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180580.00	7.80E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180620.00	7.77E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180640.00	7.77E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180660.00	7.79E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180680.00	7.83E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180720.00	7.97E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180740.00	8.07E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180760.00	8.21E+00	1.8	SRCGP7	OFF_SITE
553880.00	4180780.00	8.38E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180520.00	7.07E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180540.00	7.04E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180560.00	7.02E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180580.00	7.00E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180620.00	6.99E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180640.00	7.00E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180660.00	7.03E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180680.00	7.07E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180720.00	7.19E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180740.00	7.28E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180760.00	7.39E+00	1.8	SRCGP7	OFF_SITE
553900.00	4180780.00	7.52E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180520.00	6.39E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180540.00	6.37E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180560.00	6.36E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180580.00	6.35E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180620.00	6.36E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180640.00	6.38E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180660.00	6.40E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180680.00	6.44E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180720.00	6.55E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180740.00	6.63E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180760.00	6.72E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180780.00	6.82E+00	1.8	SRCGP7	OFF_SITE
553940.00	4180520.00	5.84E+00	1.8	SRCGP7	OFF_SITE
553940.00	4180540.00	5.83E+00	1.8	SRCGP7	OFF_SITE
553940.00	4180560.00	5.82E+00	1.8	SRCGP7	OFF_SITE
553940.00	4180580.00	5.82E+00	1.8	SRCGP7	OFF_SITE
553940.00	4180620.00	5.83E+00	1.8	SRCGP7	OFF_SITE
553940.00	4180640.00	5.85E+00	1.8	SRCGP7	OFF_SITE
553940.00	4180660.00	5.88E+00	1.8	SRCGP7	OFF_SITE
553940.00	4180680.00	5.91E+00	1.8	SRCGP7	OFF_SITE

553940.00	4180720.00	6.01E+00	1.8	SRCGP7	OFF_SITE
553940.00	4180740.00	6.07E+00	1.8	SRCGP7	OFF_SITE
553940.00	4180760.00	6.15E+00	1.8	SRCGP7	OFF_SITE
553940.00	4180780.00	6.23E+00	1.8	SRCGP7	OFF_SITE
553960.00	4180520.00	5.38E+00	1.8	SRCGP7	OFF_SITE
553960.00	4180540.00	5.37E+00	1.8	SRCGP7	OFF_SITE
553960.00	4180560.00	5.37E+00	1.8	SRCGP7	OFF_SITE
553960.00	4180580.00	5.37E+00	1.8	SRCGP7	OFF_SITE
553960.00	4180620.00	5.39E+00	1.8	SRCGP7	OFF_SITE
553960.00	4180640.00	5.41E+00	1.8	SRCGP7	OFF_SITE
553960.00	4180660.00	5.43E+00	1.8	SRCGP7	OFF_SITE
553960.00	4180680.00	5.46E+00	1.8	SRCGP7	OFF_SITE
553960.00	4180720.00	5.55E+00	1.8	SRCGP7	OFF_SITE
553960.00	4180740.00	5.60E+00	1.8	SRCGP7	OFF_SITE
553960.00	4180760.00	5.66E+00	1.8	SRCGP7	OFF_SITE
553980.00	4180520.00	4.98E+00	1.8	SRCGP7	OFF_SITE
553980.00	4180540.00	4.98E+00	1.8	SRCGP7	OFF_SITE
553980.00	4180560.00	4.98E+00	1.8	SRCGP7	OFF_SITE
553980.00	4180580.00	4.98E+00	1.8	SRCGP7	OFF_SITE
553980.00	4180620.00	5.01E+00	1.8	SRCGP7	OFF_SITE
553980.00	4180640.00	5.02E+00	1.8	SRCGP7	OFF_SITE
553980.00	4180660.00	5.05E+00	1.8	SRCGP7	OFF_SITE
553980.00	4180680.00	5.07E+00	1.8	SRCGP7	OFF_SITE
553560.00	4181180.00	9.79E+00	1.8	SRCGP7	OFF_SITE
553920.00	4180660.00	6.40E+00	1.8	SRCGP7	OFF_SITE
553700.00	4180920.00	4.30E+01	1.8	SRCGP7	OFF_SITE
553560.00	4180920.00	8.40E+00	1.8	SRCGP7	OFF_SITE
553680.00	4181060.00	2.92E+01	1.8	SRCGP7	OFF_SITE
553760.00	4181080.00	4.19E+01	1.8	SRCGP7	R_A1_BA
553780.00	4181080.00	2.63E+01	1.8	SRCGP7	R_A1_BA
553760.00	4181100.00	4.16E+01	1.8	SRCGP7	R_A1_BA
553780.00	4181100.00	2.60E+01	1.8	SRCGP7	R_A1_BA
553760.00	4181120.00	4.12E+01	1.8	SRCGP7	R_A1_BA
553780.00	4181120.00	2.56E+01	1.8	SRCGP7	R_A1_BA
553760.00	4181140.00	4.03E+01	1.8	SRCGP7	R_A1_BA
553780.00	4181140.00	2.48E+01	1.8	SRCGP7	R_A1_BA
553760.00	4181000.00	4.06E+01	1.8	SRCGP7	R_A1_BB
553780.00	4181000.00	2.64E+01	1.8	SRCGP7	R_A1_BB
553760.00	4181020.00	4.15E+01	1.8	SRCGP7	R_A1_BB
553780.00	4181020.00	2.64E+01	1.8	SRCGP7	R_A1_BB
553760.00	4181040.00	4.19E+01	1.8	SRCGP7	R_A1_BB
553780.00	4181040.00	2.64E+01	1.8	SRCGP7	R_A1_BB
553780.00	4181060.00	2.64E+01	1.8	SRCGP7	R_A1_BB
553760.00	4180900.00	4.87E+01	1.8	SRCGP7	R_A1_BC
553780.00	4180900.00	2.84E+01	1.8	SRCGP7	R_A1_BC
553760.00	4180920.00	4.89E+01	1.8	SRCGP7	R_A1_BC
553780.00	4180920.00	2.86E+01	1.8	SRCGP7	R_A1_BC

553760.00	4180940.00	4.84E+01	1.8	SRCGP7	R_A1_BC
553780.00	4180940.00	2.84E+01	1.8	SRCGP7	R_A1_BC
553760.00	4180960.00	4.66E+01	1.8	SRCGP7	R_A1_BC
553780.00	4180960.00	2.78E+01	1.8	SRCGP7	R_A1_BC
553760.00	4180820.00	3.49E+01	1.8	SRCGP7	R_A1_BD1
553780.00	4180820.00	2.26E+01	1.8	SRCGP7	R_A1_BD1
553760.00	4180840.00	4.26E+01	1.8	SRCGP7	R_A1_BD1
553780.00	4180840.00	2.50E+01	1.8	SRCGP7	R_A1_BD1
553760.00	4180860.00	4.64E+01	1.8	SRCGP7	R_A1_BD1
553780.00	4180860.00	2.68E+01	1.8	SRCGP7	R_A1_BD1
553760.00	4180880.00	4.80E+01	1.8	SRCGP7	R_A1_BD1
553800.00	4180820.00	1.70E+01	1.8	SRCGP7	R_A1_BD2
553820.00	4180820.00	1.37E+01	1.8	SRCGP7	R_A1_BD2
553840.00	4180820.00	1.16E+01	1.8	SRCGP7	R_A1_BD2
553860.00	4180820.00	9.97E+00	1.8	SRCGP7	R_A1_BD2
553880.00	4180820.00	8.77E+00	1.8	SRCGP7	R_A1_BD2
553800.00	4180840.00	1.81E+01	1.8	SRCGP7	R_A1_BD2
553820.00	4180840.00	1.44E+01	1.8	SRCGP7	R_A1_BD2
553840.00	4180840.00	1.20E+01	1.8	SRCGP7	R_A1_BD2
553860.00	4180840.00	1.03E+01	1.8	SRCGP7	R_A1_BD2
553880.00	4180840.00	8.98E+00	1.8	SRCGP7	R_A1_BD2
553800.00	4180860.00	1.91E+01	1.8	SRCGP7	R_A1_BD2
553820.00	4180860.00	1.49E+01	1.8	SRCGP7	R_A1_BD2
553840.00	4180860.00	1.23E+01	1.8	SRCGP7	R_A1_BD2
553860.00	4180860.00	1.05E+01	1.8	SRCGP7	R_A1_BD2
553880.00	4180860.00	9.17E+00	1.8	SRCGP7	R_A1_BD2
553780.00	4180880.00	2.78E+01	1.8	SRCGP7	R_A1_BD2
553800.00	4180880.00	1.97E+01	1.8	SRCGP7	R_A1_BD2
553820.00	4180880.00	1.54E+01	1.8	SRCGP7	R_A1_BD2
553840.00	4180880.00	1.27E+01	1.8	SRCGP7	R_A1_BD2
553860.00	4180880.00	1.07E+01	1.8	SRCGP7	R_A1_BD2
553820.00	4181100.00	1.50E+01	1.8	SRCGP7	R_A2_BG
553840.00	4181100.00	1.24E+01	1.8	SRCGP7	R_A2_BG
553860.00	4181100.00	1.05E+01	1.8	SRCGP7	R_A2_BG
553820.00	4181120.00	1.47E+01	1.8	SRCGP7	R_A2_BG
553840.00	4181120.00	1.21E+01	1.8	SRCGP7	R_A2_BG
553860.00	4181120.00	1.03E+01	1.8	SRCGP7	R_A2_BG
553900.00	4181100.00	8.04E+00	1.8	SRCGP7	R_A2_BK
553920.00	4181100.00	7.17E+00	1.8	SRCGP7	R_A2_BK
553900.00	4181120.00	7.87E+00	1.8	SRCGP7	R_A2_BK
553920.00	4181120.00	7.03E+00	1.8	SRCGP7	R_A2_BK
553860.00	4181140.00	9.99E+00	1.8	SRCGP7	R_A2_PK
553880.00	4181140.00	8.69E+00	1.8	SRCGP7	R_A2_PK
553900.00	4181140.00	7.68E+00	1.8	SRCGP7	R_A2_PK
553920.00	4181140.00	6.87E+00	1.8	SRCGP7	R_A2_PK
553800.00	4181160.00	1.72E+01	1.8	SRCGP7	R_A2_PK
553820.00	4181160.00	1.36E+01	1.8	SRCGP7	R_A2_PK

553840.00	4181160.00	1.13E+01	1.8	SRCGP7	R_A2_PK
553860.00	4181160.00	9.63E+00	1.8	SRCGP7	R_A2_PK
553880.00	4181160.00	8.40E+00	1.8	SRCGP7	R_A2_PK
553900.00	4181160.00	7.44E+00	1.8	SRCGP7	R_A2_PK
553920.00	4181160.00	6.67E+00	1.8	SRCGP7	R_A2_PK
553740.00	4181180.00	5.14E+01	1.8	SRCGP7	R_A2_PK
553760.00	4181180.00	3.55E+01	1.8	SRCGP7	R_A2_PK
553780.00	4181180.00	2.18E+01	1.8	SRCGP7	R_A2_PK
553800.00	4181180.00	1.60E+01	1.8	SRCGP7	R_A2_PK
553820.00	4181180.00	1.28E+01	1.8	SRCGP7	R_A2_PK
553840.00	4181180.00	1.07E+01	1.8	SRCGP7	R_A2_PK
553860.00	4181180.00	9.21E+00	1.8	SRCGP7	R_A2_PK
553880.00	4181180.00	8.07E+00	1.8	SRCGP7	R_A2_PK
553900.00	4181180.00	7.18E+00	1.8	SRCGP7	R_A2_PK
553920.00	4181180.00	6.46E+00	1.8	SRCGP7	R_A2_PK
553740.00	4181200.00	4.12E+01	1.8	SRCGP7	R_A2_PK
553760.00	4181200.00	2.89E+01	1.8	SRCGP7	R_A2_PK
553780.00	4181200.00	1.92E+01	1.8	SRCGP7	R_A2_PK
553800.00	4181200.00	1.46E+01	1.8	SRCGP7	R_A2_PK
553820.00	4181200.00	1.19E+01	1.8	SRCGP7	R_A2_PK
553840.00	4181200.00	1.01E+01	1.8	SRCGP7	R_A2_PK
553860.00	4181200.00	8.73E+00	1.8	SRCGP7	R_A2_PK
553880.00	4181200.00	7.70E+00	1.8	SRCGP7	R_A2_PK
553900.00	4181200.00	6.89E+00	1.8	SRCGP7	R_A2_PK
553920.00	4181200.00	6.22E+00	1.8	SRCGP7	R_A2_PK
553840.00	4180920.00	1.30E+01	1.8	SRCGP7	R_A3_BE
553860.00	4180920.00	1.10E+01	1.8	SRCGP7	R_A3_BE
553820.00	4180940.00	1.59E+01	1.8	SRCGP7	R_A3_BE
553840.00	4180940.00	1.31E+01	1.8	SRCGP7	R_A3_BE
553860.00	4180940.00	1.11E+01	1.8	SRCGP7	R_A3_BE
553820.00	4181040.00	1.55E+01	1.8	SRCGP7	R_A3_BF
553840.00	4181040.00	1.29E+01	1.8	SRCGP7	R_A3_BF
553860.00	4181040.00	1.09E+01	1.8	SRCGP7	R_A3_BF
553820.00	4181060.00	1.54E+01	1.8	SRCGP7	R_A3_BF
553840.00	4181060.00	1.27E+01	1.8	SRCGP7	R_A3_BF
553860.00	4181060.00	1.08E+01	1.8	SRCGP7	R_A3_BF
553800.00	4180960.00	2.01E+01	1.8	SRCGP7	R_A3_SQ
553820.00	4180960.00	1.59E+01	1.8	SRCGP7	R_A3_SQ
553840.00	4180960.00	1.31E+01	1.8	SRCGP7	R_A3_SQ
553860.00	4180960.00	1.11E+01	1.8	SRCGP7	R_A3_SQ
553800.00	4180980.00	1.99E+01	1.8	SRCGP7	R_A3_SQ
553820.00	4180980.00	1.58E+01	1.8	SRCGP7	R_A3_SQ
553840.00	4180980.00	1.31E+01	1.8	SRCGP7	R_A3_SQ
553860.00	4180980.00	1.11E+01	1.8	SRCGP7	R_A3_SQ
553800.00	4181000.00	1.97E+01	1.8	SRCGP7	R_A3_SQ
553820.00	4181000.00	1.57E+01	1.8	SRCGP7	R_A3_SQ
553840.00	4181000.00	1.30E+01	1.8	SRCGP7	R_A3_SQ

553860.00	4181000.00	1.11E+01	1.8	SRCGP7	R_A3_SQ
553800.00	4181020.00	1.96E+01	1.8	SRCGP7	R_A3_SQ
553820.00	4181020.00	1.56E+01	1.8	SRCGP7	R_A3_SQ
553840.00	4181020.00	1.29E+01	1.8	SRCGP7	R_A3_SQ
553860.00	4181020.00	1.10E+01	1.8	SRCGP7	R_A3_SQ
553900.00	4180920.00	8.41E+00	1.8	SRCGP7	R_A4_BI
553920.00	4180920.00	7.51E+00	1.8	SRCGP7	R_A4_BI
553900.00	4180940.00	8.46E+00	1.8	SRCGP7	R_A4_BI
553920.00	4180940.00	7.54E+00	1.8	SRCGP7	R_A4_BI
553900.00	4180960.00	8.48E+00	1.8	SRCGP7	R_A4_BI
553920.00	4180960.00	7.56E+00	1.8	SRCGP7	R_A4_BI
553900.00	4181000.00	8.46E+00	1.8	SRCGP7	R_A4_BJ
553920.00	4181000.00	7.54E+00	1.8	SRCGP7	R_A4_BJ
553900.00	4181020.00	8.42E+00	1.8	SRCGP7	R_A4_BJ
553920.00	4181020.00	7.51E+00	1.8	SRCGP7	R_A4_BJ
553900.00	4181040.00	8.36E+00	1.8	SRCGP7	R_A4_BJ
553920.00	4181040.00	7.45E+00	1.8	SRCGP7	R_A4_BJ
553900.00	4181060.00	8.28E+00	1.8	SRCGP7	R_A4_BJ
553920.00	4181060.00	7.38E+00	1.8	SRCGP7	R_A4_BJ
553900.00	4181000.00	8.46E+00	1.8	SRCGP7	R_A4_BJ
553920.00	4181000.00	7.54E+00	1.8	SRCGP7	R_A4_BJ
553900.00	4180980.00	8.48E+00	1.8	SRCGP7	R_A4_CL
553920.00	4180980.00	7.56E+00	1.8	SRCGP7	R_A4_CL
553940.00	4180980.00	6.81E+00	1.8	SRCGP7	R_A4_CL
553880.00	4181000.00	9.61E+00	1.8	SRCGP7	R_A4_CL
553940.00	4181000.00	6.79E+00	1.8	SRCGP7	R_A4_CL
553940.00	4181080.00	6.57E+00	1.8	SRCGP7	R_A4_CL
553880.00	4180980.00	9.63E+00	1.8	SRCGP7	R_A4_CL
553600.00	4181380.00	2.20E+01	1.8	SRCGP7	R_ATT
553600.00	4181400.00	1.69E+01	1.8	SRCGP7	R_ATT
553620.00	4181340.00	3.14E+01	1.8	SRCGP7	R_ATT
553620.00	4181360.00	2.15E+01	1.8	SRCGP7	R_ATT
553620.00	4181380.00	1.66E+01	1.8	SRCGP7	R_ATT
553620.00	4181400.00	1.37E+01	1.8	SRCGP7	R_ATT
553620.00	4181420.00	1.17E+01	1.8	SRCGP7	R_ATT
553640.00	4181340.00	2.11E+01	1.8	SRCGP7	R_ATT
553640.00	4181320.00	3.03E+01	1.8	SRCGP7	R_ATT
553640.00	4181360.00	1.65E+01	1.8	SRCGP7	R_ATT
553640.00	4181380.00	1.36E+01	1.8	SRCGP7	R_ATT
553640.00	4181400.00	1.17E+01	1.8	SRCGP7	R_ATT
553640.00	4181420.00	1.03E+01	1.8	SRCGP7	R_ATT
553640.00	4181440.00	9.16E+00	1.8	SRCGP7	R_ATT
553660.00	4181320.00	2.08E+01	1.8	SRCGP7	R_ATT
553660.00	4181340.00	1.63E+01	1.8	SRCGP7	R_ATT
553660.00	4181360.00	1.36E+01	1.8	SRCGP7	R_ATT
553660.00	4181380.00	1.17E+01	1.8	SRCGP7	R_ATT
553660.00	4181400.00	1.03E+01	1.8	SRCGP7	R_ATT

553660.00	4181420.00	9.16E+00	1.8	SRCGP7	R_ATT
553660.00	4181440.00	8.27E+00	1.8	SRCGP7	R_ATT
553660.00	4181460.00	7.54E+00	1.8	SRCGP7	R_ATT
553680.00	4181360.00	1.17E+01	1.8	SRCGP7	R_ATT
553680.00	4181380.00	1.03E+01	1.8	SRCGP7	R_ATT
553680.00	4181400.00	9.17E+00	1.8	SRCGP7	R_ATT
553680.00	4181420.00	8.28E+00	1.8	SRCGP7	R_ATT
553680.00	4181440.00	7.55E+00	1.8	SRCGP7	R_ATT
553680.00	4181460.00	6.93E+00	1.8	SRCGP7	R_ATT
553680.00	4181480.00	6.40E+00	1.8	SRCGP7	R_ATT
553680.00	4181340.00	1.36E+01	1.8	SRCGP7	R_ATT
553680.00	4181320.00	1.63E+01	1.8	SRCGP7	R_ATT
553700.00	4181360.00	1.03E+01	1.8	SRCGP7	R_ATT
553700.00	4181380.00	9.19E+00	1.8	SRCGP7	R_ATT
553700.00	4181400.00	8.31E+00	1.8	SRCGP7	R_ATT
553700.00	4181420.00	7.57E+00	1.8	SRCGP7	R_ATT
553700.00	4181440.00	6.95E+00	1.8	SRCGP7	R_ATT
553700.00	4181460.00	6.42E+00	1.8	SRCGP7	R_ATT
553700.00	4181480.00	5.96E+00	1.8	SRCGP7	R_ATT
553700.00	4181500.00	5.54E+00	1.8	SRCGP7	R_ATT
553700.00	4181340.00	1.17E+01	1.8	SRCGP7	R_ATT
553700.00	4181320.00	1.36E+01	1.8	SRCGP7	R_ATT
553720.00	4181360.00	9.23E+00	1.8	SRCGP7	R_ATT
553720.00	4181380.00	8.34E+00	1.8	SRCGP7	R_ATT
553720.00	4181400.00	7.60E+00	1.8	SRCGP7	R_ATT
553720.00	4181420.00	6.98E+00	1.8	SRCGP7	R_ATT
553720.00	4181440.00	6.44E+00	1.8	SRCGP7	R_ATT
553720.00	4181460.00	5.98E+00	1.8	SRCGP7	R_ATT
553720.00	4181480.00	5.57E+00	1.8	SRCGP7	R_ATT
553720.00	4181500.00	5.20E+00	1.8	SRCGP7	R_ATT
553720.00	4181520.00	4.88E+00	1.8	SRCGP7	R_ATT
553720.00	4181340.00	1.03E+01	1.8	SRCGP7	R_ATT
553720.00	4181320.00	1.18E+01	1.8	SRCGP7	R_ATT
553740.00	4181360.00	8.37E+00	1.8	SRCGP7	R_ATT
553740.00	4181380.00	7.63E+00	1.8	SRCGP7	R_ATT
553740.00	4181400.00	7.00E+00	1.8	SRCGP7	R_ATT
553740.00	4181420.00	6.47E+00	1.8	SRCGP7	R_ATT
553740.00	4181440.00	6.00E+00	1.8	SRCGP7	R_ATT
553740.00	4181460.00	5.59E+00	1.8	SRCGP7	R_ATT
553740.00	4181480.00	5.23E+00	1.8	SRCGP7	R_ATT
553740.00	4181500.00	4.90E+00	1.8	SRCGP7	R_ATT
553740.00	4181520.00	4.61E+00	1.8	SRCGP7	R_ATT
553740.00	4181340.00	9.28E+00	1.8	SRCGP7	R_ATT
553740.00	4181320.00	1.04E+01	1.8	SRCGP7	R_ATT
553760.00	4181360.00	7.66E+00	1.8	SRCGP7	R_ATT
553760.00	4181380.00	7.03E+00	1.8	SRCGP7	R_ATT
553760.00	4181400.00	6.49E+00	1.8	SRCGP7	R_ATT

553760.00	4181420.00	6.02E+00	1.8	SRCGP7	R_ATT
553760.00	4181440.00	5.61E+00	1.8	SRCGP7	R_ATT
553760.00	4181460.00	5.25E+00	1.8	SRCGP7	R_ATT
553760.00	4181480.00	4.93E+00	1.8	SRCGP7	R_ATT
553760.00	4181500.00	4.63E+00	1.8	SRCGP7	R_ATT
553760.00	4181520.00	4.36E+00	1.8	SRCGP7	R_ATT
553760.00	4181340.00	8.41E+00	1.8	SRCGP7	R_ATT
553760.00	4181320.00	9.33E+00	1.8	SRCGP7	R_ATT
553780.00	4181360.00	7.04E+00	1.8	SRCGP7	R_ATT
553780.00	4181380.00	6.50E+00	1.8	SRCGP7	R_ATT
553780.00	4181400.00	6.03E+00	1.8	SRCGP7	R_ATT
553780.00	4181420.00	5.63E+00	1.8	SRCGP7	R_ATT
553780.00	4181440.00	5.27E+00	1.8	SRCGP7	R_ATT
553780.00	4181460.00	4.94E+00	1.8	SRCGP7	R_ATT
553780.00	4181480.00	4.65E+00	1.8	SRCGP7	R_ATT
553780.00	4181500.00	4.39E+00	1.8	SRCGP7	R_ATT
553780.00	4181520.00	4.14E+00	1.8	SRCGP7	R_ATT
553780.00	4181340.00	7.67E+00	1.8	SRCGP7	R_ATT
553800.00	4181360.00	6.50E+00	1.8	SRCGP7	R_ATT
553800.00	4181380.00	6.04E+00	1.8	SRCGP7	R_ATT
553800.00	4181400.00	5.63E+00	1.8	SRCGP7	R_ATT
553800.00	4181420.00	5.27E+00	1.8	SRCGP7	R_ATT
553800.00	4181440.00	4.95E+00	1.8	SRCGP7	R_ATT
553800.00	4181460.00	4.66E+00	1.8	SRCGP7	R_ATT
553800.00	4181480.00	4.40E+00	1.8	SRCGP7	R_ATT
553800.00	4181500.00	4.16E+00	1.8	SRCGP7	R_ATT
553800.00	4181520.00	3.94E+00	1.8	SRCGP7	R_ATT
553820.00	4181360.00	6.02E+00	1.8	SRCGP7	R_ATT
553820.00	4181380.00	5.62E+00	1.8	SRCGP7	R_ATT
553820.00	4181400.00	5.27E+00	1.8	SRCGP7	R_ATT
553820.00	4181420.00	4.95E+00	1.8	SRCGP7	R_ATT
553820.00	4181440.00	4.67E+00	1.8	SRCGP7	R_ATT
553820.00	4181460.00	4.41E+00	1.8	SRCGP7	R_ATT
553820.00	4181480.00	4.17E+00	1.8	SRCGP7	R_ATT
553820.00	4181500.00	3.95E+00	1.8	SRCGP7	R_ATT
553820.00	4181520.00	3.75E+00	1.8	SRCGP7	R_ATT
553840.00	4181360.00	5.60E+00	1.8	SRCGP7	R_ATT
553840.00	4181380.00	5.25E+00	1.8	SRCGP7	R_ATT
553840.00	4181400.00	4.95E+00	1.8	SRCGP7	R_ATT
553840.00	4181420.00	4.67E+00	1.8	SRCGP7	R_ATT
553840.00	4181440.00	4.41E+00	1.8	SRCGP7	R_ATT
553840.00	4181460.00	4.18E+00	1.8	SRCGP7	R_ATT
553840.00	4181480.00	3.96E+00	1.8	SRCGP7	R_ATT
553840.00	4181500.00	3.76E+00	1.8	SRCGP7	R_ATT
553840.00	4181520.00	3.58E+00	1.8	SRCGP7	R_ATT
553920.00	4180820.00	7.05E+00	1.8	SRCGP7	R_B4_BH
553940.00	4180820.00	6.41E+00	1.8	SRCGP7	R_B4_BH

553920.00	4180840.00	7.17E+00	1.8	SRCGP7	R_B4_BH
553940.00	4180840.00	6.50E+00	1.8	SRCGP7	R_B4_BH
553900.00	4180860.00	8.12E+00	1.8	SRCGP7	R_B4_BH
553920.00	4180860.00	7.28E+00	1.8	SRCGP7	R_B4_BH
553940.00	4180860.00	6.59E+00	1.8	SRCGP7	R_B4_BH
553900.00	4180880.00	8.24E+00	1.8	SRCGP7	R_B4_BH
553920.00	4180880.00	7.37E+00	1.8	SRCGP7	R_B4_BH
553960.00	4181040.00	6.09E+00	1.8	SRCGP7	R_PIER48
553980.00	4181040.00	5.57E+00	1.8	SRCGP7	R_PIER48
554000.00	4181040.00	5.12E+00	1.8	SRCGP7	R_PIER48
553960.00	4181060.00	6.04E+00	1.8	SRCGP7	R_PIER48
553980.00	4181060.00	5.52E+00	1.8	SRCGP7	R_PIER48
554000.00	4181060.00	5.08E+00	1.8	SRCGP7	R_PIER48
554020.00	4181060.00	4.70E+00	1.8	SRCGP7	R_PIER48
554040.00	4181060.00	4.36E+00	1.8	SRCGP7	R_PIER48
554060.00	4181060.00	4.07E+00	1.8	SRCGP7	R_PIER48
554080.00	4181060.00	3.81E+00	1.8	SRCGP7	R_PIER48
554100.00	4181060.00	3.58E+00	1.8	SRCGP7	R_PIER48
554120.00	4181060.00	3.37E+00	1.8	SRCGP7	R_PIER48
554140.00	4181060.00	3.19E+00	1.8	SRCGP7	R_PIER48
554160.00	4181060.00	3.02E+00	1.8	SRCGP7	R_PIER48
553960.00	4181080.00	5.96E+00	1.8	SRCGP7	R_PIER48
553980.00	4181080.00	5.46E+00	1.8	SRCGP7	R_PIER48
554000.00	4181080.00	5.02E+00	1.8	SRCGP7	R_PIER48
554020.00	4181080.00	4.65E+00	1.8	SRCGP7	R_PIER48
554040.00	4181080.00	4.32E+00	1.8	SRCGP7	R_PIER48
554060.00	4181080.00	4.03E+00	1.8	SRCGP7	R_PIER48
554080.00	4181080.00	3.78E+00	1.8	SRCGP7	R_PIER48
554100.00	4181080.00	3.55E+00	1.8	SRCGP7	R_PIER48
554120.00	4181080.00	3.34E+00	1.8	SRCGP7	R_PIER48
554140.00	4181080.00	3.16E+00	1.8	SRCGP7	R_PIER48
554160.00	4181080.00	2.99E+00	1.8	SRCGP7	R_PIER48
553960.00	4181100.00	5.88E+00	1.8	SRCGP7	R_PIER48
553980.00	4181100.00	5.38E+00	1.8	SRCGP7	R_PIER48
554000.00	4181100.00	4.95E+00	1.8	SRCGP7	R_PIER48
554020.00	4181100.00	4.59E+00	1.8	SRCGP7	R_PIER48
554040.00	4181100.00	4.27E+00	1.8	SRCGP7	R_PIER48
554060.00	4181100.00	3.98E+00	1.8	SRCGP7	R_PIER48
554080.00	4181100.00	3.73E+00	1.8	SRCGP7	R_PIER48
554100.00	4181100.00	3.51E+00	1.8	SRCGP7	R_PIER48
554120.00	4181100.00	3.31E+00	1.8	SRCGP7	R_PIER48
554140.00	4181100.00	3.13E+00	1.8	SRCGP7	R_PIER48
554160.00	4181100.00	2.96E+00	1.8	SRCGP7	R_PIER48
553960.00	4181120.00	5.77E+00	1.8	SRCGP7	R_PIER48
553980.00	4181120.00	5.29E+00	1.8	SRCGP7	R_PIER48
554000.00	4181120.00	4.88E+00	1.8	SRCGP7	R_PIER48
554020.00	4181120.00	4.52E+00	1.8	SRCGP7	R_PIER48



554040.00	4181120.00	4.20E+00	1.8	SRCGP7	R_PIER48
554060.00	4181120.00	3.93E+00	1.8	SRCGP7	R_PIER48
554080.00	4181120.00	3.68E+00	1.8	SRCGP7	R_PIER48
554100.00	4181120.00	3.46E+00	1.8	SRCGP7	R_PIER48
554120.00	4181120.00	3.27E+00	1.8	SRCGP7	R_PIER48
554140.00	4181120.00	3.09E+00	1.8	SRCGP7	R_PIER48
553940.00	4181140.00	6.20E+00	1.8	SRCGP7	R_PIER48
553960.00	4181140.00	5.65E+00	1.8	SRCGP7	R_PIER48
553980.00	4181140.00	5.19E+00	1.8	SRCGP7	R_PIER48
554000.00	4181140.00	4.79E+00	1.8	SRCGP7	R_PIER48
554020.00	4181140.00	4.44E+00	1.8	SRCGP7	R_PIER48
554040.00	4181140.00	4.13E+00	1.8	SRCGP7	R_PIER48
554060.00	4181140.00	3.87E+00	1.8	SRCGP7	R_PIER48
554080.00	4181140.00	3.63E+00	1.8	SRCGP7	R_PIER48
554100.00	4181140.00	3.41E+00	1.8	SRCGP7	R_PIER48
554120.00	4181140.00	3.22E+00	1.8	SRCGP7	R_PIER48
554140.00	4181140.00	3.05E+00	1.8	SRCGP7	R_PIER48
554040.00	4181160.00	4.06E+00	1.8	SRCGP7	R_PIER48
554060.00	4181160.00	3.80E+00	1.8	SRCGP7	R_PIER48
554080.00	4181160.00	3.57E+00	1.8	SRCGP7	R_PIER48
554100.00	4181160.00	3.36E+00	1.8	SRCGP7	R_PIER48
554120.00	4181160.00	3.17E+00	1.8	SRCGP7	R_PIER48
554140.00	4181160.00	3.00E+00	1.8	SRCGP7	R_PIER48
553980.00	4180780.00	5.30E+00	1.8	SRCGP7	R_PIER50
553980.00	4180800.00	5.36E+00	1.8	SRCGP7	R_PIER50
553980.00	4180820.00	5.42E+00	1.8	SRCGP7	R_PIER50
553980.00	4180840.00	5.47E+00	1.8	SRCGP7	R_PIER50
553980.00	4180860.00	5.52E+00	1.8	SRCGP7	R_PIER50
553980.00	4180880.00	5.57E+00	1.8	SRCGP7	R_PIER50
553980.00	4180900.00	5.61E+00	1.8	SRCGP7	R_PIER50
553980.00	4180920.00	5.63E+00	1.8	SRCGP7	R_PIER50
553980.00	4180940.00	5.65E+00	1.8	SRCGP7	R_PIER50
553980.00	4180960.00	5.65E+00	1.8	SRCGP7	R_PIER50
554000.00	4180720.00	4.80E+00	1.8	SRCGP7	R_PIER50
554000.00	4180740.00	4.84E+00	1.8	SRCGP7	R_PIER50
554000.00	4180760.00	4.88E+00	1.8	SRCGP7	R_PIER50
554000.00	4180780.00	4.93E+00	1.8	SRCGP7	R_PIER50
554000.00	4180800.00	4.97E+00	1.8	SRCGP7	R_PIER50
554000.00	4180820.00	5.02E+00	1.8	SRCGP7	R_PIER50
554000.00	4180840.00	5.06E+00	1.8	SRCGP7	R_PIER50
554000.00	4180860.00	5.11E+00	1.8	SRCGP7	R_PIER50
554000.00	4180880.00	5.14E+00	1.8	SRCGP7	R_PIER50
554000.00	4180900.00	5.17E+00	1.8	SRCGP7	R_PIER50
554000.00	4180920.00	5.19E+00	1.8	SRCGP7	R_PIER50
554000.00	4180940.00	5.20E+00	1.8	SRCGP7	R_PIER50
554000.00	4180960.00	5.20E+00	1.8	SRCGP7	R_PIER50
554020.00	4180840.00	4.71E+00	1.8	SRCGP7	R_PIER50

554020.00	4180860.00	4.74E+00	1.8	SRCGP7	R_PIER50
554020.00	4180880.00	4.77E+00	1.8	SRCGP7	R_PIER50
554020.00	4180900.00	4.79E+00	1.8	SRCGP7	R_PIER50
554020.00	4180920.00	4.80E+00	1.8	SRCGP7	R_PIER50
554020.00	4180940.00	4.81E+00	1.8	SRCGP7	R_PIER50
554020.00	4180960.00	4.81E+00	1.8	SRCGP7	R_PIER50
554040.00	4180840.00	4.39E+00	1.8	SRCGP7	R_PIER50
554040.00	4180860.00	4.42E+00	1.8	SRCGP7	R_PIER50
554040.00	4180880.00	4.44E+00	1.8	SRCGP7	R_PIER50
554040.00	4180900.00	4.46E+00	1.8	SRCGP7	R_PIER50
554040.00	4180920.00	4.47E+00	1.8	SRCGP7	R_PIER50
554040.00	4180940.00	4.48E+00	1.8	SRCGP7	R_PIER50
554040.00	4180960.00	4.47E+00	1.8	SRCGP7	R_PIER50
554060.00	4180840.00	4.12E+00	1.8	SRCGP7	R_PIER50
554060.00	4180860.00	4.14E+00	1.8	SRCGP7	R_PIER50
554060.00	4180880.00	4.15E+00	1.8	SRCGP7	R_PIER50
554060.00	4180900.00	4.17E+00	1.8	SRCGP7	R_PIER50
554060.00	4180920.00	4.17E+00	1.8	SRCGP7	R_PIER50
554060.00	4180940.00	4.18E+00	1.8	SRCGP7	R_PIER50
554060.00	4180960.00	4.18E+00	1.8	SRCGP7	R_PIER50
554080.00	4180840.00	3.87E+00	1.8	SRCGP7	R_PIER50
554080.00	4180860.00	3.88E+00	1.8	SRCGP7	R_PIER50
554080.00	4180880.00	3.90E+00	1.8	SRCGP7	R_PIER50
554080.00	4180900.00	3.91E+00	1.8	SRCGP7	R_PIER50
554080.00	4180920.00	3.91E+00	1.8	SRCGP7	R_PIER50
554080.00	4180940.00	3.91E+00	1.8	SRCGP7	R_PIER50
554080.00	4180960.00	3.91E+00	1.8	SRCGP7	R_PIER50
554100.00	4180840.00	3.64E+00	1.8	SRCGP7	R_PIER50
554100.00	4180860.00	3.66E+00	1.8	SRCGP7	R_PIER50
554100.00	4180880.00	3.67E+00	1.8	SRCGP7	R_PIER50
554100.00	4180900.00	3.68E+00	1.8	SRCGP7	R_PIER50
554100.00	4180920.00	3.68E+00	1.8	SRCGP7	R_PIER50
554100.00	4180940.00	3.68E+00	1.8	SRCGP7	R_PIER50
554100.00	4180960.00	3.67E+00	1.8	SRCGP7	R_PIER50
554120.00	4180840.00	3.44E+00	1.8	SRCGP7	R_PIER50
554120.00	4180860.00	3.45E+00	1.8	SRCGP7	R_PIER50
554120.00	4180880.00	3.46E+00	1.8	SRCGP7	R_PIER50
554120.00	4180900.00	3.47E+00	1.8	SRCGP7	R_PIER50
554120.00	4180920.00	3.47E+00	1.8	SRCGP7	R_PIER50
554120.00	4180940.00	3.47E+00	1.8	SRCGP7	R_PIER50
554120.00	4180960.00	3.46E+00	1.8	SRCGP7	R_PIER50
554140.00	4180840.00	3.26E+00	1.8	SRCGP7	R_PIER50
554140.00	4180860.00	3.27E+00	1.8	SRCGP7	R_PIER50
554140.00	4180880.00	3.27E+00	1.8	SRCGP7	R_PIER50
554140.00	4180900.00	3.28E+00	1.8	SRCGP7	R_PIER50
554140.00	4180920.00	3.28E+00	1.8	SRCGP7	R_PIER50
554140.00	4180940.00	3.28E+00	1.8	SRCGP7	R_PIER50

554140.00	4180960.00	3.27E+00	1.8	SRCGP7	R_PIER50
554160.00	4180840.00	3.09E+00	1.8	SRCGP7	R_PIER50
554160.00	4180860.00	3.10E+00	1.8	SRCGP7	R_PIER50
554160.00	4180880.00	3.11E+00	1.8	SRCGP7	R_PIER50
554160.00	4180900.00	3.11E+00	1.8	SRCGP7	R_PIER50
554160.00	4180920.00	3.11E+00	1.8	SRCGP7	R_PIER50
554160.00	4180940.00	3.10E+00	1.8	SRCGP7	R_PIER50
554160.00	4180960.00	3.10E+00	1.8	SRCGP7	R_PIER50
554180.00	4180840.00	2.94E+00	1.8	SRCGP7	R_PIER50
554180.00	4180860.00	2.95E+00	1.8	SRCGP7	R_PIER50
554180.00	4180880.00	2.95E+00	1.8	SRCGP7	R_PIER50
554180.00	4180900.00	2.95E+00	1.8	SRCGP7	R_PIER50
554180.00	4180920.00	2.95E+00	1.8	SRCGP7	R_PIER50
554180.00	4180940.00	2.95E+00	1.8	SRCGP7	R_PIER50
554180.00	4180960.00	2.94E+00	1.8	SRCGP7	R_PIER50
554200.00	4180840.00	2.80E+00	1.8	SRCGP7	R_PIER50
554200.00	4180860.00	2.81E+00	1.8	SRCGP7	R_PIER50
554200.00	4180880.00	2.81E+00	1.8	SRCGP7	R_PIER50
554200.00	4180900.00	2.81E+00	1.8	SRCGP7	R_PIER50
554200.00	4180920.00	2.81E+00	1.8	SRCGP7	R_PIER50
554200.00	4180940.00	2.80E+00	1.8	SRCGP7	R_PIER50
554200.00	4180960.00	2.80E+00	1.8	SRCGP7	R_PIER50
554220.00	4180840.00	2.67E+00	1.8	SRCGP7	R_PIER50
554220.00	4180860.00	2.68E+00	1.8	SRCGP7	R_PIER50
554220.00	4180880.00	2.68E+00	1.8	SRCGP7	R_PIER50
554220.00	4180900.00	2.68E+00	1.8	SRCGP7	R_PIER50
554220.00	4180920.00	2.67E+00	1.8	SRCGP7	R_PIER50
554220.00	4180940.00	2.67E+00	1.8	SRCGP7	R_PIER50
554220.00	4180960.00	2.66E+00	1.8	SRCGP7	R_PIER50
554240.00	4180820.00	2.55E+00	1.8	SRCGP7	R_PIER50
554240.00	4180840.00	2.55E+00	1.8	SRCGP7	R_PIER50
554240.00	4180860.00	2.56E+00	1.8	SRCGP7	R_PIER50
554240.00	4180880.00	2.56E+00	1.8	SRCGP7	R_PIER50
554240.00	4180900.00	2.56E+00	1.8	SRCGP7	R_PIER50
554240.00	4180920.00	2.55E+00	1.8	SRCGP7	R_PIER50
554240.00	4180940.00	2.55E+00	1.8	SRCGP7	R_PIER50
554240.00	4180960.00	2.54E+00	1.8	SRCGP7	R_PIER50
554260.00	4180820.00	2.44E+00	1.8	SRCGP7	R_PIER50
554260.00	4180840.00	2.44E+00	1.8	SRCGP7	R_PIER50
554260.00	4180860.00	2.45E+00	1.8	SRCGP7	R_PIER50
554260.00	4180880.00	2.45E+00	1.8	SRCGP7	R_PIER50
554260.00	4180900.00	2.44E+00	1.8	SRCGP7	R_PIER50
554260.00	4180920.00	2.44E+00	1.8	SRCGP7	R_PIER50
554260.00	4180940.00	2.44E+00	1.8	SRCGP7	R_PIER50
554260.00	4180960.00	2.43E+00	1.8	SRCGP7	R_PIER50
554280.00	4180800.00	2.34E+00	1.8	SRCGP7	R_PIER50
554280.00	4180820.00	2.34E+00	1.8	SRCGP7	R_PIER50

554280.00	4180840.00	2.34E+00	1.8	SRCGP7	R_PIER50
554280.00	4180860.00	2.34E+00	1.8	SRCGP7	R_PIER50
554280.00	4180880.00	2.34E+00	1.8	SRCGP7	R_PIER50
554280.00	4180900.00	2.34E+00	1.8	SRCGP7	R_PIER50
554280.00	4180920.00	2.34E+00	1.8	SRCGP7	R_PIER50
554280.00	4180940.00	2.33E+00	1.8	SRCGP7	R_PIER50
554280.00	4180960.00	2.33E+00	1.8	SRCGP7	R_PIER50
554300.00	4180780.00	2.24E+00	1.8	SRCGP7	R_PIER50
554300.00	4180800.00	2.24E+00	1.8	SRCGP7	R_PIER50
554300.00	4180820.00	2.25E+00	1.8	SRCGP7	R_PIER50
554300.00	4180840.00	2.25E+00	1.8	SRCGP7	R_PIER50
554300.00	4180860.00	2.25E+00	1.8	SRCGP7	R_PIER50
554300.00	4180880.00	2.25E+00	1.8	SRCGP7	R_PIER50
554300.00	4180900.00	2.24E+00	1.8	SRCGP7	R_PIER50
554300.00	4180920.00	2.24E+00	1.8	SRCGP7	R_PIER50
554300.00	4180940.00	2.24E+00	1.8	SRCGP7	R_PIER50
554300.00	4180960.00	2.23E+00	1.8	SRCGP7	R_PIER50
554320.00	4180780.00	2.15E+00	1.8	SRCGP7	R_PIER50
554320.00	4180800.00	2.16E+00	1.8	SRCGP7	R_PIER50
554320.00	4180820.00	2.16E+00	1.8	SRCGP7	R_PIER50
554320.00	4180840.00	2.16E+00	1.8	SRCGP7	R_PIER50
554320.00	4180860.00	2.16E+00	1.8	SRCGP7	R_PIER50
554320.00	4180880.00	2.16E+00	1.8	SRCGP7	R_PIER50
554320.00	4180900.00	2.15E+00	1.8	SRCGP7	R_PIER50
554320.00	4180920.00	2.15E+00	1.8	SRCGP7	R_PIER50
554320.00	4180940.00	2.15E+00	1.8	SRCGP7	R_PIER50
554320.00	4180960.00	2.14E+00	1.8	SRCGP7	R_PIER50
554340.00	4180760.00	2.07E+00	1.8	SRCGP7	R_PIER50
554340.00	4180780.00	2.07E+00	1.8	SRCGP7	R_PIER50
554340.00	4180800.00	2.07E+00	1.8	SRCGP7	R_PIER50
554340.00	4180820.00	2.07E+00	1.8	SRCGP7	R_PIER50
554340.00	4180840.00	2.07E+00	1.8	SRCGP7	R_PIER50
554340.00	4180860.00	2.07E+00	1.8	SRCGP7	R_PIER50
554340.00	4180880.00	2.07E+00	1.8	SRCGP7	R_PIER50
554340.00	4180900.00	2.07E+00	1.8	SRCGP7	R_PIER50
554340.00	4180920.00	2.07E+00	1.8	SRCGP7	R_PIER50
554340.00	4180940.00	2.06E+00	1.8	SRCGP7	R_PIER50
554340.00	4180960.00	2.06E+00	1.8	SRCGP7	R_PIER50
554360.00	4180760.00	1.99E+00	1.8	SRCGP7	R_PIER50
554360.00	4180780.00	1.99E+00	1.8	SRCGP7	R_PIER50
554360.00	4180800.00	2.00E+00	1.8	SRCGP7	R_PIER50
554360.00	4180820.00	2.00E+00	1.8	SRCGP7	R_PIER50
554360.00	4180840.00	2.00E+00	1.8	SRCGP7	R_PIER50
554360.00	4180860.00	2.00E+00	1.8	SRCGP7	R_PIER50
554360.00	4180880.00	1.99E+00	1.8	SRCGP7	R_PIER50
554360.00	4180900.00	1.99E+00	1.8	SRCGP7	R_PIER50
554360.00	4180920.00	1.99E+00	1.8	SRCGP7	R_PIER50



554440.00	4180880.00	1.72E+00	1.8	SRCGP7	R_PIER50
554440.00	4180900.00	1.72E+00	1.8	SRCGP7	R_PIER50
554440.00	4180920.00	1.72E+00	1.8	SRCGP7	R_PIER50
554440.00	4180940.00	1.71E+00	1.8	SRCGP7	R_PIER50
554440.00	4180960.00	1.71E+00	1.8	SRCGP7	R_PIER50
553680.00	4180480.00	1.13E+01	1.8	SRCGP7	Sensitive
553360.00	4181000.00	4.13E+00	1.8	SRCGP7	Sensitive
553160.00	4180800.00	2.41E+00	1.8	SRCGP7	Sensitive
552940.00	4180980.00	1.82E+00	1.8	SRCGP7	Sensitive
553440.00	4180240.00	3.61E+00	1.8	SRCGP7	Sensitive
553920.00	4180800.00	6.93E+00	1.8	SRCGP7	Sensitive
553400.00	4180440.00	3.37E+00	1.8	SRCGP7	Sensitive
553920.00	4180000.00	8.03E+00	1.8	SRCGP7	Sensitive
553560.00	4180360.00	5.18E+00	1.8	SRCGP7	Sensitive
553360.00	4180340.00	3.02E+00	1.8	SRCGP7	Sensitive
553160.00	4181180.00	3.27E+00	1.8	SRCGP7	Sensitive

Part 4  
**Emission Calculations**

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# 1. Construction

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a. Architectural Coatings

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**ARCHITECTURAL COATINGS**

This spreadsheet should match Table 9 in the AQTR. No emissions calculations; only CalEEMod inputs

9/13/2016 <- Last Updated (Final for AQTR 3)

Data from Project Sponsor

CalEEMod Entries

**ARCHITECTURAL COATINGS**

CalEEMod Notes:

- 1) The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user.
- 2) The default values based on SCAQMD methods used in their coating rules are 75% for the interior surfaces and 25% for the exterior shell.

Note: CalEEMod assumes Parks are nonres, but no painting is likely here.

Painting Surface Area	Frac	Interior		Exterior		Unmitigated	
		Interior	Exterior	EF	Interior	Exterior	Exterior
Residential	2.7	75%	25%	g/L		100	150
Nonresidential	2.0	75%	25%	g/lb		454	454
				L/Gal		3.785	3.785
				sqft/gal		180	180
				lbsROG/sqft		0.00463	0.00695
				lbsROG/gal		0.83370	1.25055

Mitigated		
EF	Interior	Exterior
g/L	10	10
% redux	-90%	-93%

<http://www.aqmd.gov/home/regulations/compliance/a>

Note: does not include parks

Study Scenario	Area	Res SF	NonRes SF	Res Interior SF	Res Exterior SF	NonRes Interior SF	NonRes Exterior SF	
Study Scenario A	Area 1	500,966	558,967	1,014,456	338,152	838,451	279,484	Study Scenario A
	Area 2	238,828	645,642	483,627	161,209	968,463	322,821	Study Scenario A
	Area 3	307,720	157,385	623,133	207,711	236,078	78,693	Study Scenario A
	Area 4	0	456,964	0	0	685,446	228,482	Study Scenario A
Study Scenario B	Area 1	500,966	558,967	1,014,456	338,152	838,451	279,484	Study Scenario B
	Area 2	238,828	645,642	483,627	161,209	968,463	322,821	Study Scenario B
	Area 3	307,720	157,385	623,133	207,711	236,078	78,693	Study Scenario B
	Area 4	531,985	64,219	1,077,270	359,090	96,329	32,110	Study Scenario B

Res Nonres

Study Scenario A	1,047,514	1,818,958	2,121,216	707,072	2,728,437	909,479
Study Scenario B	1,579,499	1,426,213	3,198,485	1,066,162	2,139,320	713,107

[rchitectural-coatings/super-compliant-coatings](#)

b. Asphalt

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**Asphalt ROG Emissions**

This spreadsheet calculates ROG emissions from asphalt paving. Add to CalEEMod output and zero out paving emissions.

Calculation for ROG emissions for asphalt paving.

10/13/2016 < Last Updated to match asphalt area to AQTR (Final for AQTR 4)

Data from Project Sponsor

Area	Asphalt Area (SF)	Asphalt Area (acres)	ROG (lbs/acre)	ROG (lbs)	ROG (tons)	Paving Phase			Workdays/year					ROG by Year (max lbs/day)					ROG by Year (avg. lbs/day)						
						Start	End	Workdays	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023		
1	37,500	0.86	2.62	2.26	0.0011	12/9/2019	4/1/2020	83	17	66					0.0272	0.0272				0.0018	0.0069	0.0000	0.0000	0.0000	
2	57,500	1.32	2.62	3.46	0.0017	6/9/2020	4/1/2021	213		148	65					0.0162	0.0162	0.0162			0.0000	0.0092	0.0041	0.0000	0.0000
3	12,000	0.28	2.62	0.72	0.0004	8/18/2021	4/1/2022	163			98	65					0.0044	0.0044			0.0000	0.0000	0.0017	0.0011	0.0000
4	18,000	0.41	2.62	1.08	0.0005	12/8/2022	4/5/2023	85				17	68					0.0127	0.0127		0.0000	0.0000	0.0000	0.0008	0.0033
<b>Total</b>	<b>125,000</b>	<b>2.87</b>		<b>7.52</b>	<b>0.0038</b>										<b>0.0272</b>	<b>0.0434</b>	<b>0.0207</b>	<b>0.0172</b>	<b>0.0127</b>	<b>0.0018</b>	<b>0.0161</b>	<b>0.0057</b>	<b>0.0019</b>	<b>0.0033</b>	

Source: page 17 of CalEEMod User's Guide Appendix A (original source: Sacramento Metropolitan Air Quality Management District. 1994. Air quality thresholds of significance, first edition. Sacramento, CA.)



c. Barge and Work Boat

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**This spreadsheet calculates emissions from barge usage. Add to CalEEMod output.**

Zero emission rates for 251-500hp MY 2000 main Gen Set engine and a 50hp MY2000 work boat engine (Appendix A)

MY selection: Uncontrolled	Emission Factors (g/hp-hr)									
	Engine	NOx	PM10	PM2.5	CO	ROG	SOx	CO2	CH4	N2O
MY 2000-2003	Main Gen Set	7.31	0.351	0.348	1.97	0.68	0.97	514.53	0.07	0.01
MY 2000-2004	Work Boat	7.31	0.703	0.696	3.65	1.80	0.97	514.53	0.07	0.01
Controlled										
EPA Tier 3	Main Gen Set	2.83	0.146	0.144	-	0.15	-	-	-	-
MY 2005-2008	Work Boat	5.32	0.293	0.290	3.73	1.80	0.97	514.53	0.07	0.01
MY 2000-2003	Main Gen Set	7.31	0.351	0.348	1.97	0.68	0.97	515	0.07	0.01
MY 2004-2013	Main Gen Set	5.10	0.146	0.145	3.73	0.68	0.97	515	0.07	0.01
MY 2014-2020	Main Gen Set	3.99	0.078	0.077	3.73	0.68	0.97	515	0.07	0.01
EPA Tier 3	Main Gen Set	2.83	0.146	0.144	-	0.15	-	-	-	-
MY 2000-2004	Work Boat	7.31	0.703	0.696	3.65	1.80	0.97	515	0.07	0.01
MY 2005-2008	Work Boat	5.32	0.293	0.290	3.73	1.80	0.97	515	0.07	0.01
MY 2009-2020	Work Boat	5.32	0.215	0.213	3.73	1.80	0.97	515	0.07	0.01
		3	4	5	6	7	8	9	10	11

Fuel correction factors for calendar year 2007+ (Table II-4)

Engine	NOx	PM	ROG	CH4	N2O
Main	0.948	0.800	0.720	0.720	0.948
Work Boat	0.948	0.800	0.720	0.720	0.948

Fuel corrected emission rates

Uncontrolled Uncontrolled Controlled Controlled	Emission Factors (g/hp-hr)									
	Engine	NOx	PM10	PM2.5	CO	ROG	SOx	CO2	CH4	N2O
	Main	6.93	0.28	0.28	1.97	0.49	0.97	515	0.05	0.01
	Work Boat	6.93	0.56	0.56	3.65	1.30	0.97	515	0.05	0.01
	Main	2.69	0.12	0.12	-	0.11	-	-	-	-
	Work Boat	5.04	0.23	0.23	3.73	1.30	0.97	515	0.05	0.01

Table II-2

Engine	Useful Life (yrs)	Annual Hours	Deterioration Cap		Deterioration Factors (Table II-5)			
			Hours	Years	NOx	PM	CO	ROG
Main	21	2,274	12,000	5.3	0.21	0.67	0.25	0.46
Work Boat	17	675	12,000	17.8	0.06	0.31	0.41	0.54

Emission Rates with Deterioration

Uncontrolled Uncontrolled Controlled Controlled	Emission Factors (g/hp-hr)									
	Engine	ROG	NOx	CO	PM10	PM2.5	SOx	CO2	CH4	N2O
	Main	0.55	7.30	2.09	0.33	0.33	0.97	515	0.05	0.01
	Work Boat	2.02	7.36	5.21	0.74	0.74	0.97	515	0.05	0.01
	Main	0.12	2.83	-	0.14	0.13	-	-	-	-
	Work Boat	2.02	5.36	5.33	0.31	0.31	0.97	515	0.05	0.01

Source: California Air Resources Board, Emissions Estimation Methodology for Commercial Harbor Craft Operating in California, 2012; <http://www.arb.ca.gov/msef/chc-appendix-b-emission-estimates-ver02-27-2012.pdf>

variables

0.97 PM2.5 of PM10 <http://www.epa.gov/nonroad/lccomptv/420f09025.pdf>  
 0.976 PM10 per Total P [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](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)  
 0.991 PM2.5 per PM10 [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](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)  
 0.745699871 kW per hp  
 1.053 VOC of HC <http://www.epa.gov/nonroad/lccomptv/420f09025.pdf>

Converting NMHC + NOx to ROG and NOx (for EPA Tier 3 engines)

5% NMHC frac 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](http://www.baaqmd.gov/?media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx)  
 5% NOx frac 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](http://www.baaqmd.gov/?media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx)  
 0.984 NMHC/THC EPA Conversion Factors for Hydrocarbon Emission Components: <https://www3.epa.gov/otaq/models/nonrdmdl/nonrdmdl2010/420r10015.pdf>  
 1.053 VOC/THC EPA Conversion Factors for Hydrocarbon Emission Components: <https://www3.epa.gov/otaq/models/nonrdmdl/nonrdmdl2010/420r10015.pdf>  
 1.070 ROG/NMHC assume VOC = ROG

g/kw-hr eqs. from EPA 2009

690 CO2  
 0.02 N2O  
 0.09 CH4  
 1.3 SOx

Barge Emissions

Assumptions

Main Engine Horsepower: 400  
 Work Boat Engine Horsepower: 50  
 Main Engine Load Factor (tug boat): 0.5  
 Work Boat Engine Load Factor: 0.45  
 Hours per day of use - barge engine: 4  
 Hours per day of use - work boat: 8  
 Unit Conversion: 1 lb = 453.592 grams  
 Unit Conversion: 1 MT = 2204.62 lbs  
 CH4 GWP: 28  
 N2O GWP: 265  
 CO2 GWP: 1

Assumption Source

151201\_Mission Rock AQ Modeling Assumptions Rev3 (G:\Sacramento\LGT-Air&Noise\Air\Mission Seawall Lot 337-Pier 48 EIR 00336.13 (BAAQMD)\02 Modeling\Data Request)  
 151201\_Mission Rock AQ Modeling Assumptions Rev3 (G:\Sacramento\LGT-Air&Noise\Air\Mission Seawall Lot 337-Pier 48 EIR 00336.13 (BAAQMD)\02 Modeling\Data Request)  
 California ARB, Emissions Estimation Methodology for Commercial Harbor Craft Operating in California, Table II-3 (<http://www.arb.ca.gov/msef/chc-appendix-b-emission-estimates-ver02-27-2012.pdf>)  
 California ARB, Emissions Estimation Methodology for Commercial Harbor Craft Operating in California, Table II-3 (<http://www.arb.ca.gov/msef/chc-appendix-b-emission-estimates-ver02-27-2012.pdf>)  
 151201\_Mission Rock AQ Modeling Assumptions Rev3 (G:\Sacramento\LGT-Air&Noise\Air\Mission Seawall Lot 337-Pier 48 EIR 00336.13 (BAAQMD)\02 Modeling\Data Request)  
 151201\_Mission Rock AQ Modeling Assumptions Rev3 (G:\Sacramento\LGT-Air&Noise\Air\Mission Seawall Lot 337-Pier 48 EIR 00336.13 (BAAQMD)\02 Modeling\Data Request)  
 ARS GWP's in Table B.1. (<http://www.theclimaterestory.org/wp-content/uploads/2015/04/2015-TCR-Default-EF-April-2015-FINAL.pdf>)  
 ARS GWP's in Table B.1. (<http://www.theclimaterestory.org/wp-content/uploads/2015/04/2015-TCR-Default-EF-April-2015-FINAL.pdf>)  
 ARS GWP's in Table B.1. (<http://www.theclimaterestory.org/wp-content/uploads/2015/04/2015-TCR-Default-EF-April-2015-FINAL.pdf>)

Main Engine Emissions

Criteria Pollutant Emissions (lbs/day)						
	ROG	NOx	CO	SOx	PM10	PM2.5
Average Daily Emissions (lbs/day)	0.96	12.87	3.69	1.71	0.58	0.57
Average Daily Emissions (lbs/day)	0.21	4.99	-	-	0.24	0.24
						Uncontrolled
						Controlled
GHG Pollutant Emissions (MT/day)						
CO2	CH4	N2O	CO2e			
2017 Annual Emissions (MT/day)	0.411627154	3.86572E-05	1.13E-05	0.41570692	Uncontrolled	
2017 Annual Emissions (MT/day)	0	0	0	0	Controlled	

Work Boat Engine Emissions

Criteria Pollutant Emissions (lbs/day)						
	ROG	NOx	CO	SOx	PM10	PM2.5
Average Daily Emissions (lbs/day)	0.80	2.92	2.07	0.38	0.30	0.29
Average Daily Emissions (lbs/day)	0.80	2.13	2.11	0.38	0.12	0.12
						Uncontrolled
						Controlled

1. Overview

The basic equation for the estimating emissions from a commercial harbor craft engine is:

$$E = EF_0 \times F \times (1 + D \times \frac{A}{UL}) \times HP \times LF \times Hr$$

Where:

- E is the amount of emissions of a pollutant (ROG, CO, NOx, or PM) emitted during one period;
- EF<sub>0</sub> is the model year, horsepower and engine use (propulsion or auxiliary) specific zero hour emission factor (when engine is new);
- F is the fuel correction factor which accounts for emission reduction benefits from burning cleaner fuel;
- D is the horsepower and pollutant specific engine deterioration factor, which is the percentage increase of emission factors at the end of the useful life of the engine;
- A is the age of the engine when the emissions are estimated;
- UL is the vessel type and engine use specific engine useful life;
- HP is rated horsepower of the engine;
- LF is the vessel type and engine use specific engine load factor;
- Hr is the number of annual operating hours of the engine.

Table I.—Emission Standards (g/kW-hr)

Rated Power (kW)	Tier	Model Year	NOx	HC	NMHC + NOx	CO	PM
kW<8	Tier 1	2000	—	—	10.5	8.0	1.0
	Tier 2	2005	—	—	7.5	8.0	0.80
8<kW<19	Tier 1	2000	—	—	9.5	6.6	0.80
	Tier 2	2005	—	—	7.5	6.6	0.80
19<kW<37	Tier 1	1999	—	—	9.5	5.5	0.80
	Tier 2	2004	—	—	7.5	5.5	0.60
37<kW<75	Tier 1	1998	9.2	—	—	—	—
	Tier 2	2004	—	—	7.5	5.0	0.40
	Tier 3	2008	—	—	4.7	5.0	—
75<kW<130	Tier 1	1997	9.2	—	—	—	—
	Tier 2	2003	—	—	6.6	5.0	0.30
	Tier 3	2007	—	—	4.0	5.0	—
130<kW<225	Tier 1	1996	9.2	1.3	—	11.4	0.54
	Tier 2	2003	—	—	6.6	3.5	0.20
	Tier 3	2006	—	—	4.0	3.5	—
225<kW<450	Tier 1	1996	9.2	1.3	—	11.4	0.54
	Tier 2	2001	—	—	6.4	3.5	0.20
	Tier 3	2006	—	—	4.0	3.5	—
450<kW<560	Tier 1	1996	9.2	1.3	—	11.4	0.54
	Tier 2	2002	—	—	6.4	3.5	0.20
	Tier 3	2006	—	—	4.0	3.5	—
kW>560	Tier 1	2000	9.2	1.3	—	11.4	0.54
	Tier 2	2006	—	—	6.4	3.5	0.20

<sup>1</sup> The model years listed indicate the model years for which the specified tier of standards take effect.

GHG Pollutant Emissions (MT/day)

	CO2	CH4	N2O	CO2e	
2017 Annual Emissions (MT/day)	0.09261611	8.69786E-06	2.54E-06	0.09353406	Uncontrolled
2017 Annual Emissions (MT/day)	0.09261611	8.69786E-06	2.54E-06	0.09353406	Controlled

Summary of Emissions by Year

Phase Dates		1/8/2018 3/27/2020 AREA 1 (Building A, G, K, China Basin Park, Pier 48)														
		Annual Emissions (tons or MT per year for GHG)										Average Daily Emissions (lbs/day)				
Work Days	ROG	NOX	CO	SOX	PM10	PM2.5	CO2	CH4	N2O	ROG	NOX	CO	SOX	PM10	PM2.5	
<b>Uncontrolled</b>																
2018	256	0.23	2.02	0.74	0.27	0.11	0.11	129.09	0.01	0.00	1.77	15.79	5.76	2.09	0.87	0.87
2019	261	0.23	2.06	0.75	0.27	0.11	0.11	131.61	0.01	0.00	1.77	15.79	5.76	2.09	0.87	0.87
2020	63	0.06	0.50	0.18	0.07	0.03	0.03	31.77	0.00	0.00	1.77	15.79	5.76	2.09	0.87	0.87
Total		0.51	4.58	1.67	0.61	0.25	0.25	292.46	0.03	0.01	5.30	47.37	17.29	6.28	2.62	2.60
<b>Controlled</b>																
2018	256	0.13	0.91	0.27	0.05	0.05	0.05	23.71	0.00	0.00	1.01	7.11	2.11	0.38	0.36	0.36
2019	261	0.13	0.93	0.28	0.05	0.05	0.05	131.61	0.01	0.00	1.01	7.11	2.11	0.38	0.36	0.36
2020	63	0.03	0.22	0.07	0.01	0.01	0.01	31.77	0.00	0.00	1.01	7.11	2.11	0.38	0.36	0.36
Total		0.29	2.06	0.61	0.11	0.11	0.10	187.08	0.02	0.01	3.04	21.34	6.34	1.15	1.09	1.08

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(est)  
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#### d. Truck Idling

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e. Offsite Trucks

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f. Offsite Trucks - Model Year 2010

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Project Information		Financial Summary		Operational Data		Resource Allocation		Risk Assessment	
ID	Name	Start	End	Status	Progress	Team Lead	Members	Score	Notes
001	Project A	2023-01-01	2023-03-31	Completed	100%	John Doe	5	95	Exceeded expectations
002	Project B	2023-02-01	2023-05-31	In Progress	75%	Jane Smith	8	88	Minor delays
003	Project C	2023-03-01	2023-06-30	On Hold	20%	Mike Johnson	3	72	Resource shortage
004	Project D	2023-04-01	2023-07-31	Planned	0%	Sarah Lee	6	65	Initial phase
005	Project E	2023-05-01	2023-08-31	Completed	100%	David Kim	4	90	Successful launch

Category	Item	Value
Revenue	Product X	120000
	Product Y	80000
	Service Z	50000
	Licensing	30000
	Support	20000
Expenses	Salaries	150000
	Rent	40000
	Utilities	15000
	Marketing	30000
	Travel	10000

Department	Project	Hours	Cost
Engineering	Project A	1200	120000
	Project B	1800	180000
	Project C	600	60000
Marketing	Project A	300	30000
	Project B	450	45000
	Project C	150	15000

Item	Quantity	Unit Price	Total
Material A	100	100	10000
Material B	200	50	10000
Material C	50	200	10000

Item	Quantity	Unit Price	Total
Material D	150	80	12000
Material E	300	40	12000

Item	Quantity	Unit Price	Total
Material F	250	60	15000
Material G	100	150	15000

Item	Quantity	Unit Price	Total
Material H	180	90	16200
Material I	320	45	14400
Material J	120	130	15600

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g. Onsite Trucks

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Small summary table with columns for various metrics and a legend below it.

Category	Item	Value	Color
Group 1	Item 1	100	Red
	Item 2	200	Red
	Item 3	300	Red
	Item 4	400	Red
	Item 5	500	Red
	Item 6	600	Red
	Item 7	700	Red
	Item 8	800	Red
	Item 9	900	Red
	Item 10	1000	Red
Group 2	Item 1	100	Green
	Item 2	200	Green
	Item 3	300	Green
	Item 4	400	Green
	Item 5	500	Green
	Item 6	600	Green
	Item 7	700	Green
	Item 8	800	Green
	Item 9	900	Green
	Item 10	1000	Green

Item	Value
Item 1	100
Item 2	200
Item 3	300
Item 4	400
Item 5	500
Item 6	600
Item 7	700
Item 8	800
Item 9	900
Item 10	1000

Item	Value
Item 1	100
Item 2	200
Item 3	300
Item 4	400
Item 5	500
Item 6	600
Item 7	700
Item 8	800
Item 9	900
Item 10	1000

Item	Value
Item 1	100
Item 2	200
Item 3	300
Item 4	400
Item 5	500
Item 6	600
Item 7	700
Item 8	800
Item 9	900
Item 10	1000

Item	Value
Item 1	100
Item 2	200
Item 3	300
Item 4	400
Item 5	500
Item 6	600
Item 7	700
Item 8	800
Item 9	900
Item 10	1000

Item	Value
Item 1	100
Item 2	200
Item 3	300
Item 4	400
Item 5	500
Item 6	600
Item 7	700
Item 8	800
Item 9	900
Item 10	1000

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h. Onsite Trucks - Model Year 2010

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1. **Project Overview**  
 2. **Key Deliverables**  
 3. **Timeline**  
 4. **Resources**  
 5. **Risks**  
 6. **Stakeholders**  
 7. **Communication Plan**  
 8. **Reporting**  
 9. **Approval**  
 10. **Notes**

Task ID	Task Name	Start Date	End Date	Duration	Priority	Status	Assignee	Dependencies
1	Task 1.1	2023-01-01	2023-01-05	5 days	High	Completed	John	
2	Task 1.2	2023-01-06	2023-01-10	5 days	Medium	In Progress	Jane	1
3	Task 1.3	2023-01-11	2023-01-15	5 days	Low	Not Started	Mike	2
4	Task 1.4	2023-01-16	2023-01-20	5 days	High	In Progress	Jane	2
5	Task 1.5	2023-01-21	2023-01-25	5 days	Medium	Not Started	John	3, 4
6	Task 1.6	2023-01-26	2023-01-30	5 days	High	In Progress	Jane	5
7	Task 1.7	2023-01-31	2023-02-04	5 days	Medium	Not Started	Mike	6
8	Task 1.8	2023-02-05	2023-02-09	5 days	Low	Not Started	John	7
9	Task 1.9	2023-02-10	2023-02-14	5 days	High	In Progress	Jane	8
10	Task 1.10	2023-02-15	2023-02-19	5 days	Medium	Not Started	Mike	9
11	Task 1.11	2023-02-20	2023-02-24	5 days	High	In Progress	Jane	10
12	Task 1.12	2023-02-25	2023-02-29	5 days	Low	Not Started	John	11
13	Task 1.13	2023-03-01	2023-03-05	5 days	High	In Progress	Jane	12
14	Task 1.14	2023-03-06	2023-03-10	5 days	Medium	Not Started	Mike	13
15	Task 1.15	2023-03-11	2023-03-15	5 days	High	In Progress	Jane	14
16	Task 1.16	2023-03-16	2023-03-20	5 days	Low	Not Started	John	15
17	Task 1.17	2023-03-21	2023-03-25	5 days	High	In Progress	Jane	16
18	Task 1.18	2023-03-26	2023-03-30	5 days	Medium	Not Started	Mike	17
19	Task 1.19	2023-03-31	2023-04-04	5 days	High	In Progress	Jane	18
20	Task 1.20	2023-04-05	2023-04-09	5 days	Low	Not Started	John	19
21	Task 1.21	2023-04-10	2023-04-14	5 days	High	In Progress	Jane	20
22	Task 1.22	2023-04-15	2023-04-19	5 days	Medium	Not Started	Mike	21
23	Task 1.23	2023-04-20	2023-04-24	5 days	High	In Progress	Jane	22
24	Task 1.24	2023-04-25	2023-04-29	5 days	Low	Not Started	John	23
25	Task 1.25	2023-04-30	2023-05-04	5 days	High	In Progress	Jane	24
26	Task 1.26	2023-05-05	2023-05-09	5 days	Medium	Not Started	Mike	25
27	Task 1.27	2023-05-10	2023-05-14	5 days	High	In Progress	Jane	26
28	Task 1.28	2023-05-15	2023-05-19	5 days	Low	Not Started	John	27
29	Task 1.29	2023-05-20	2023-05-24	5 days	High	In Progress	Jane	28
30	Task 1.30	2023-05-25	2023-05-29	5 days	Medium	Not Started	Mike	29
31	Task 1.31	2023-05-30	2023-06-03	5 days	High	In Progress	Jane	30
32	Task 1.32	2023-06-04	2023-06-08	5 days	Low	Not Started	John	31
33	Task 1.33	2023-06-09	2023-06-13	5 days	High	In Progress	Jane	32
34	Task 1.34	2023-06-14	2023-06-18	5 days	Medium	Not Started	Mike	33
35	Task 1.35	2023-06-19	2023-06-23	5 days	High	In Progress	Jane	34
36	Task 1.36	2023-06-24	2023-06-28	5 days	Low	Not Started	John	35
37	Task 1.37	2023-06-29	2023-07-03	5 days	High	In Progress	Jane	36
38	Task 1.38	2023-07-04	2023-07-08	5 days	Medium	Not Started	Mike	37
39	Task 1.39	2023-07-09	2023-07-13	5 days	High	In Progress	Jane	38
40	Task 1.40	2023-07-14	2023-07-18	5 days	Low	Not Started	John	39
41	Task 1.41	2023-07-19	2023-07-23	5 days	High	In Progress	Jane	40
42	Task 1.42	2023-07-24	2023-07-28	5 days	Medium	Not Started	Mike	41
43	Task 1.43	2023-07-29	2023-08-02	5 days	High	In Progress	Jane	42
44	Task 1.44	2023-08-03	2023-08-07	5 days	Low	Not Started	John	43
45	Task 1.45	2023-08-08	2023-08-12	5 days	High	In Progress	Jane	44
46	Task 1.46	2023-08-13	2023-08-17	5 days	Medium	Not Started	Mike	45
47	Task 1.47	2023-08-18	2023-08-22	5 days	High	In Progress	Jane	46
48	Task 1.48	2023-08-23	2023-08-27	5 days	Low	Not Started	John	47
49	Task 1.49	2023-08-28	2023-09-01	5 days	High	In Progress	Jane	48
50	Task 1.50	2023-09-02	2023-09-06	5 days	Medium	Not Started	Mike	49
51	Task 1.51	2023-09-07	2023-09-11	5 days	High	In Progress	Jane	50
52	Task 1.52	2023-09-12	2023-09-16	5 days	Low	Not Started	John	51
53	Task 1.53	2023-09-17	2023-09-21	5 days	High	In Progress	Jane	52
54	Task 1.54	2023-09-22	2023-09-26	5 days	Medium	Not Started	Mike	53
55	Task 1.55	2023-09-27	2023-10-01	5 days	High	In Progress	Jane	54
56	Task 1.56	2023-10-02	2023-10-06	5 days	Low	Not Started	John	55
57	Task 1.57	2023-10-07	2023-10-11	5 days	High	In Progress	Jane	56
58	Task 1.58	2023-10-12	2023-10-16	5 days	Medium	Not Started	Mike	57
59	Task 1.59	2023-10-17	2023-10-21	5 days	High	In Progress	Jane	58
60	Task 1.60	2023-10-22	2023-10-26	5 days	Low	Not Started	John	59
61	Task 1.61	2023-10-27	2023-10-31	5 days	High	In Progress	Jane	60
62	Task 1.62	2023-11-01	2023-11-05	5 days	Medium	Not Started	Mike	61
63	Task 1.63	2023-11-06	2023-11-10	5 days	High	In Progress	Jane	62
64	Task 1.64	2023-11-11	2023-11-15	5 days	Low	Not Started	John	63
65	Task 1.65	2023-11-16	2023-11-20	5 days	High	In Progress	Jane	64
66	Task 1.66	2023-11-21	2023-11-25	5 days	Medium	Not Started	Mike	65
67	Task 1.67	2023-11-26	2023-11-30	5 days	High	In Progress	Jane	66
68	Task 1.68	2023-12-01	2023-12-05	5 days	Low	Not Started	John	67
69	Task 1.69	2023-12-06	2023-12-10	5 days	High	In Progress	Jane	68
70	Task 1.70	2023-12-11	2023-12-15	5 days	Medium	Not Started	Mike	69
71	Task 1.71	2023-12-16	2023-12-20	5 days	High	In Progress	Jane	70
72	Task 1.72	2023-12-21	2023-12-25	5 days	Low	Not Started	John	71
73	Task 1.73	2023-12-26	2023-12-30	5 days	High	In Progress	Jane	72
74	Task 1.74	2023-12-31	2024-01-04	5 days	Medium	Not Started	Mike	73
75	Task 1.75	2024-01-05	2024-01-09	5 days	High	In Progress	Jane	74
76	Task 1.76	2024-01-10	2024-01-14	5 days	Low	Not Started	John	75
77	Task 1.77	2024-01-15	2024-01-19	5 days	High	In Progress	Jane	76
78	Task 1.78	2024-01-20	2024-01-24	5 days	Medium	Not Started	Mike	77
79	Task 1.79	2024-01-25	2024-01-29	5 days	High	In Progress	Jane	78
80	Task 1.80	2024-01-30	2024-02-03	5 days	Low	Not Started	John	79
81	Task 1.81	2024-02-04	2024-02-08	5 days	High	In Progress	Jane	80
82	Task 1.82	2024-02-09	2024-02-13	5 days	Medium	Not Started	Mike	81
83	Task 1.83	2024-02-14	2024-02-18	5 days	High	In Progress	Jane	82
84	Task 1.84	2024-02-19	2024-02-23	5 days	Low	Not Started	John	83
85	Task 1.85	2024-02-24	2024-02-28	5 days	High	In Progress	Jane	84
86	Task 1.86	2024-02-29	2024-03-03	5 days	Medium	Not Started	Mike	85
87	Task 1.87	2024-03-04	2024-03-08	5 days	High	In Progress	Jane	86
88	Task 1.88	2024-03-09	2024-03-13	5 days	Low	Not Started	John	87
89	Task 1.89	2024-03-14	2024-03-18	5 days	High	In Progress	Jane	88
90	Task 1.90	2024-03-19	2024-03-23	5 days	Medium	Not Started	Mike	89
91	Task 1.91	2024-03-24	2024-03-28	5 days	High	In Progress	Jane	90
92	Task 1.92	2024-03-29	2024-04-02	5 days	Low	Not Started	John	91
93	Task 1.93	2024-04-03	2024-04-07	5 days	High	In Progress	Jane	92
94	Task 1.94	2024-04-08	2024-04-12	5 days	Medium	Not Started	Mike	93
95	Task 1.95	2024-04-13	2024-04-17	5 days	High	In Progress	Jane	94
96	Task 1.96	2024-04-18	2024-04-22	5 days	Low	Not Started	John	95
97	Task 1.97	2024-04-23	2024-04-27	5 days	High	In Progress	Jane	96
98	Task 1.98	2024-04-28	2024-05-02	5 days	Medium	Not Started	Mike	97
99	Task 1.99	2024-05-03	2024-05-07	5 days	High	In Progress	Jane	98
100	Task 1.100	2024-05-08	2024-05-12	5 days	Low	Not Started	John	99

Task ID	Task Name	Start Date	End Date	Duration	Priority	Status	Assignee	Dependencies
1	Task 1.1	2023-01-01	2023-01-05	5 days	High	Completed	John	
2	Task 1.2	2023-01-06	2023-01-10	5 days	Medium	In Progress	Jane	1
3	Task 1.3	2023-01-11	2023-01-15	5 days	Low	Not Started	Mike	2
4	Task 1.4	2023-01-16	2023-01-20	5 days	High	In Progress	Jane	2
5	Task 1.5	2023-01-21	2023-01-25	5 days	Medium	Not Started	John	3, 4
6	Task 1.6	2023-01-26	2023-01-30	5 days	High	In Progress	Jane	5
7	Task 1.7	2023-01-31	2023-02-04	5 days	Medium	Not Started	Mike	6
8	Task 1.8	2023-02-05	2023-02-09	5 days	Low	Not Started	John	7
9	Task 1.9	2023-02-10	2023-02-14	5 days	High	In Progress	Jane	8
10	Task 1.10	2023-02-15	2023-02-19	5 days	Medium	Not Started	Mike	9
11	Task 1.11	2023-02-20	2023-02-24	5 days	High	In Progress	Jane	10
12	Task 1.12	2023-02-25	2023-02-29	5 days	Low	Not Started	John	11
13	Task 1.13	2023-03-01	2023-03-05	5 days	High	In Progress	Jane	12
14	Task 1.14	2023-03-06	2023-03-10	5 days	Medium	Not Started	Mike	13
15	Task 1.15	2023-03-11	2023-03-15	5 days	High	In Progress	Jane	14
16	Task 1.16	2023-03-16	2023-03-20	5 days	Low	Not Started	John	15
17	Task 1.17	2023-03-21	2023-03-25	5 days	High	In Progress	Jane	16
18	Task 1.18	2023-03-26	2023-03-30	5 days	Medium	Not Started	Mike	17
19	Task 1.19	2023-03-31	2023-04-04	5 days	High	In Progress	Jane	18
20	Task 1.20	2023-04-05	2023-04-09	5 days	Low	Not Started	John	19
21	Task 1.21	2023-04-10	2023-04-14	5 days	High	In Progress	Jane	20
22	Task 1.22	2023-04-15	2023-04-19	5 days	Medium	Not Started	Mike	21
23	Task 1.23	2023-04-20	2023-04-24	5 days	High	In Progress	Jane	22
24	Task 1.24	2023-04-25	2023-04-29	5 days	Low	Not Started	John	23
25	Task 1.25	2023-04-30	2023-05-04	5 days	High	In Progress	Jane	24
26	Task 1.26	2023-05-05	2023-05-09	5 days	Medium	Not Started	Mike	25
27	Task 1.27	2023-05-10	2023-05-14	5 days	High	In Progress	Jane	26
28	Task 1.28	2023-05-15	2023-05-19	5 days	Low	Not Started	John	27
29	Task 1.29	2023-05-20	2023-05-24	5 days	High	In Progress	Jane	28
30	Task 1.30	2023-05-25	2023-05-29	5 days	Medium	Not Started	Mike	29
31	Task 1.31	2023-05-30	2023-06-03	5 days	High	In Progress	Jane	30
32	Task 1.32	2023-06-04	2023-06-08	5 days	Low	Not Started	John	31
33	Task 1.33	2023-06-09	2023-06-13	5 days	High	In Progress	Jane	32
34	Task 1.34	2023-06-14	2023-06-18	5 days	Medium	Not Started	Mike	33
35	Task 1.35	2023-06-19	2023-06-23	5 days	High	In Progress	Jane	34
36	Task 1.36	2023-06-24	2023-06-28	5 days	Low	Not Started	John	35
37	Task 1.37	2023-06-29	2023-07-03	5 days	High	In Progress	Jane	36
38	Task 1.38	2023-07-04	2023-07-08	5 days	Medium	Not Started	Mike	37
39	Task 1.39	2023-07-09	2023-07-13	5 days	High	In Progress	Jane	38
40	Task 1.40	2023-07-14	2023-07-18	5 days	Low	Not Started	John	39
41	Task 1.41	2023-07-19						

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## 2. Operation

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a. Brewery

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**Brewery Emissions**

This spreadsheet calculates emissions from brewery operation. Add to CalEEMod put.

6/10/2016 <- Last Updated (Final for AQTR 3)

Number of barrels packaged per year 500,000 4617\_001.pdf from 6/10/16 email from Erin Efner  
 Batches of bottles crushed per year 50  
 Tons of dried grain produced per year 0  
 Cases of bottles washed per year 0  
 Gallons of beer recovered per year 0

Assume VOC = ROG

Process	Include?	Activity Unit	Value	Emission Factors (lbs/unit)			Emissions (lbs/year)			Emissions (lbs/day)			Emissions (tons/year)		
				PM10	PM2.5	VOC	PM10	PM2.5	VOC	PM10	PM2.5	VOC	PM10	PM2.5	VOC
Brew kettle	Yes	Number of barrels packaged per year	550,000	0	0	0.64	0.00	0.00	352	0.00	0.00	0.96	0.00	0.00	0.18
Activated carbon regeneration	No	Number of barrels packaged per year	0	0	0	0.035	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Aging tank	Yes	Number of barrels packaged per year	525,000	0	0	0.57	0.00	0.00	299	0.00	0.00	0.82	0.00	0.00	0.15
Bottle filling line	Yes	Number of barrels packaged per year	300,000	0	0	17	0.00	0.00	5,100	0.00	0.00	13.97	0.00	0.00	2.55
Can filling line	Yes	Number of barrels packaged per year	100,000	0	0	14	0.00	0.00	1,400	0.00	0.00	3.84	0.00	0.00	0.70
Cereal cooker	No	Number of barrels packaged per year	0	0	0	0.0075	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Fermenter venting; closed fermenter	Yes	Number of barrels packaged per year	250,000	0	0	2.0	0.00	0.00	500	0.00	0.00	1.37	0.00	0.00	0.25
Hot wort settling tank	Yes	Number of barrels packaged per year	550,000	0	0	0.075	0.00	0.00	41	0.00	0.00	0.11	0.00	0.00	0.02
Keg filling line	Yes	Number of barrels packaged per year	100,000	0	0	0.69	0.00	0.00	69	0.00	0.00	0.19	0.00	0.00	0.03
Lauter tun	Yes	Number of barrels packaged per year	550,000	0	0	0.0055	0.00	0.00	3	0.00	0.00	0.01	0.00	0.00	0.00
Mash tun	Yes	Number of barrels packaged per year	550,000	0	0	0.054	0.00	0.00	30	0.00	0.00	0.08	0.00	0.00	0.01
Open wort cooler	No	Number of barrels packaged per year	0	0	0	0.022	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Sterilized bottle filling line	No	Number of barrels packaged per year	0	0	0	40	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Sterilized can filling line	No	Number of barrels packaged per year	0	0	0	35	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Trub vessel	Yes	Number of barrels packaged per year	5,000	0	0	0.25	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
Waste beer storage tank	No	Number of barrels packaged per year	0	0	0	0	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Brewers grain dryer															
Natural gas-fired	No	Tons of dried grain produced per year	0	0.33	0.091	0.73	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Steam heated	No	Tons of dried grain produced per year	0	0.33	0.091	0.73	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Brewers grain dryer with wet scrubber	No	Tons of dried grain produced per year	0	0.11	0.06	0.73	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Bottle crusher	Yes	Batches of bottles crushed per year	0	0	0	0.48	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Bottle crusher with water sprays	Yes	Batches of bottles crushed per year	50	0	0	0.13	0.00	0.00	7	0.00	0.00	0.02	0.00	0.00	0.00
Bottle soaker and cleaner	No	Cases of bottles washed per year	0	0	0	0.20	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Can crusher with pneumatic conveyor	No	Gallons of beer recovered per year	0	0	0	0.088	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>							<b>0.00</b>	<b>0.00</b>	<b>7,802</b>	<b>0.00</b>	<b>0.00</b>	<b>21.38</b>	<b>0.00</b>	<b>0.00</b>	<b>3.90</b>

145  
166.38  
15% increase in operational ROG

3.29  
84%

Old estimate - not used

Emission Estimates	Total lbs			Lbs/day		
	PM10	PM2.5	VOC	PM10	PM2.5	VOC
Brew kettle	ND		2083.95	#VALUE!	0.00	5.71
Brewers grain dryer	165		45.5	0.45	0.12	5.71
Brewers grain dryer with wet scrubber	55		30	0.15	0.08	5.71

Table 3. Emission factors for malt beverages (breweries).

Emission Process	Emission Factor	Source
Large breweries > 60,000 bbl/yr Brewing beer (malt beverages)	4.1679 lbs VOC/1,000 barrels	AP-42 Emission Factor Documentation Section 9.12.1 Malt Beverages Table 4.3 Large Breweries (10/1996)
Small breweries < 60,000 bbl/yr Brewing beer (malt beverages)	56.743 lbs VOC/1,000 barrels	AP-42 Emission Factor Documentation Section 9.12.1 Malt Beverages Table 4.2 Small Breweries (10/1996)

SIVAPCD - 2009 Area Source Emissions Inventory Methodology 420 - FOOD AND AGRICULTURE - BREWERIES

Table 9.12.1-1. EMISSION FACTORS FOR MALT BEVERAGES<sup>a</sup>

	PM	EMISSION FACTOR RATING	Filterable PM			
			PM-10	EMISSION FACTOR RATING	PM-2.5	EMISSION FACTOR RATING
Brew kettle (SCC 3-02-009-07)	0.41	E	ND		ND	
Brewers grain dryer (SCC 3-02-009-30-32)	26c	D	0.33	D	0.091	D
Brewers grain dryer with wet scrubber (SCC 3-02-009-30-32)	0.42c	D	0.11	D	0.06	D

<sup>a</sup> Emission factor units are lb of pollutant per 1,000 bbl of beer packaged unless noted. 1 bbl = 31 U.S. gallons. ND = no data available. SCC = Source Classification Code.

<sup>b</sup> Reference 9.

<sup>c</sup> References 11,13,17. Emission factor units are lb of pollutant per ton of dried grain produced.

<sup>d</sup> Reference 11. Emission factor units are lb of pollutant per ton of dried grain produced.

Table 9.12.1-2. EMISSION FACTORS FOR MALT BEVERAGES<sup>a</sup>

4.155

Process	CO	CO <sub>2</sub>	VOC <sup>b</sup>	Hydrogen Sulfide	
Activated carbon regeneration (SCC 3-02-009-39)	ND	ND	0.035	ND	include
Aging tank--filling <sup>d</sup> (SCC 3-02-009-08)	ND	26	0.57	ND	include
Bottle crusher (SCC 3-02-009-61)	ND	ND	0.48	ND	include
Bottle crusher with water sprays (SCC 3-02-009-61)	ND	ND	0.13	ND	
Bottle filling liner (SCC 3-02-009-53)	ND	ND	17	ND	
Bottle soaker and cleaner <sup>g</sup> (SCC 3-02-009-60)	ND	ND	0.20	ND	include
Brew kettle <sup>h</sup> (SCC 3-02-009-07)	ND	ND	0.64	ND	include
Brewers grain dryer--natural gas-fired (SCC 3-02-009-30)	ND	840 <sup>j</sup>	0.73	ND	note k
Brewers grain dryer--steam-heated (SCC 3-02-009-32)	0.22 <sup>m</sup>	53 <sup>m</sup>	0.73	ND	note k
Can crusher with pneumatic conveyom (SCC 3-02-009-62)	ND	ND	0.088	ND	include
Can filling liner (SCC 3-02-009-51)	ND	ND	14	ND	
Cereal cooker <sup>p</sup> (SCC 3-02-009-22)	ND	ND	0.0075	ND	include
Fermenter venting: closed fermenter <sup>q</sup> (SCC 3-02-009-35)	ND	2,100	2.0	0.015	include
Hot wort settling tank (SCC 3-02-009-24)	ND	ND	0.075	ND	include
Keg filling lines (SCC 3-02-009-55)	ND	46	0.69	ND	
Lauter tun <sup>r</sup> (SCC 3-02-009-23)	ND	ND	0.0055	ND	include
Mash tun <sup>r</sup> (SCC 3-02-009-21)	ND	ND	0.054	ND	include include
Open wort cooler <sup>r</sup> (SCC 3-02-009-25)	ND	ND	0.022	ND	
Sterilized bottle filling line (SCC 3-02-009-54)	ND	4,300 <sup>t</sup>	40	ND	note u
Sterilized can filling line (SCC 3-02-009-52)	ND	1,900 <sup>t</sup>	35	ND	note u
Trub vessel--filling (SCC 3-02-009-26)	ND	ND	0.25	ND	
Waste beer storage tanks (SCC 3-02-009-65)	ND	ND	ND	ND	

<sup>a</sup> Emission factor units are lb of pollutant per 1,000 bbl of beer packaged unless noted. 1 bbl = 31 U.S. gallons. ND = no data available. SCC = Source Classification Code.

<sup>b</sup> Total organic compounds measured using EPA Method 25A, unless noted otherwise.

Pre-fermentation factors are presented as VOC as propane; post-fermentation factors are presented as VOC as ethanol because the emissions have been shown to be primarily ethanol.

<sup>c</sup> Reference 19. From CO<sub>2</sub> recovery and purification system on a closed fermenter.

<sup>d</sup> Reference 6. VOC as ethanol. EMISSION FACTOR RATING: D.

<sup>e</sup> Reference 15. VOC as ethanol. Emission factor units are lb of pollutant per batch of bottles crushed. Crusher averages about 34 crushes per day.

<sup>f</sup> Reference 20. Emission factor represents ethanol emissions measured using both EPA Method 18 and an FTIR analyzer. Factor is reported as VOC because ethanol is essentially the only VOC emitted from filling operations.

<sup>g</sup> Reference 14. Emission factor units are lb of pollutant per 1000 cases of bottles washed. Emission factor represents ethanol emissions measured by GC/FID. Factor is reported as VOC because ethanol is essentially the only VOC emitted from this operation. EMISSION FACTOR RATING: D.

<sup>h</sup> References 9,19. VOC as propane.

<sup>j</sup> Reference 17. Emission factor units are lb of pollutant per ton of dried grain produced. Emission factor includes data from dryers controlled by wet scrubbers, which do not control CO<sub>2</sub> emissions. EMISSION FACTOR RATING: D

<sup>k</sup> References 11-13. VOC as propane. Emission factor units are lb of pollutant per ton of dried grain produced. Emission factor includes data from dryers controlled by wet scrubbers, which do not control VOC emissions. EMISSION FACTOR RATING: D.

<sup>m</sup> Reference 11. Emission factor units are lb of pollutant per ton of dried grain produced. Emission factor includes data from dryers controlled by wet scrubbers, which do not control CO or CO<sub>2</sub> emissions. EMISSION FACTOR RATING: D.

<sup>n</sup> Reference 16. VOC as ethanol. Emission factor units are lb of pollutant per gallon of beer recovered. EMISSION FACTOR RATING: D.

<sup>p</sup> Reference 19. VOC as propane.

<sup>q</sup> Reference 10. VOC as ethanol. Emission factors are based on a 24-hour venting period prior to CO<sub>2</sub> collection.

Reference 5. VOC as propane.

s Reference 5. VOC as ethanol. EMISSION FACTOR RATING: D.

t Reference 5. EMISSION FACTOR RATING: D.

u References 5,7-8,18. VOC as ethanol. Emission factor includes measurements of VOC as ethanol measured using EPA Method 25A and ethanol measured using both EPA Method 18 and an FTIR analyzer. EMISSION FACTOR RATING: D.



## b. Consumer Products

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## Consumer Product Emissions

Calculation for ROG from consumer products to only include emissions from appropriate land uses (e.g. not parks)

9/12/2016 <- Last Updated (Final for AQTR 4)

Emission Factor 0.0000151 lbs ROG per sqft per day

Email from Wade Wietgreffe, 8/29/2016

Year	SQFT	ROG (tons/yr)	ROG (lbs/day)
Study Scenario A			
2017	0	0.000	0.000
2018	0	0.000	0.000
2019	0	0.000	0.000
2020	1,059,933	2.921	16.005
2021	2,781,633	7.665	42.003
2022	3,473,918	9.573	52.456
2023	3,930,882	10.833	59.356
2024	3,930,882	10.833	59.356
Study Scenario B			
2017	0	0.000	0.000
2018	0	0.000	0.000
2019	0	0.000	0.000
2020	1,059,933	2.921	16.005
2021	2,781,633	7.665	42.003
2022	3,473,918	9.573	52.456
2023	4,070,122	11.216	61.459
2024	4,070,122	11.216	61.459

567,202  
0  
837,230  
0  
0  
0  
10,227  
23,864  
0  
238,828  
43,849

### Phase Dates

Area 1	4/1/2017	3/31/2020
Area 2	4/3/2018	4/1/2021
Area 3	4/3/2019	4/1/2022
Area 4	4/2/2020	4/5/2023

### SQFT

Study Scenario A	Area 1	1,059,933	Study Scenario A
	Area 2	1,721,700	Study Scenario A
	Area 3	692,285	Study Scenario A
	Area 4	456,964	Study Scenario A
Study Scenario B	Area 1	1,059,933	Study Scenario B
	Area 2	1,721,700	Study Scenario B
	Area 3	692,285	Study Scenario B
	Area 4	596,204	Study Scenario B





### c. Emergency Generators

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**Generator Emissions**

10/19/2016 <- Last Updated

This spreadsheet calculates emissions from emergency generator use. Add to CalEEMod output.

Emission Factors	ROG	NOX	CO	SOX	PM	PM10	PM2.5
ATCM, MY 2008+ (g/kW-hr)	0.240	4.560	2.600		0.150	0.146	0.145
ATCM, MY 2008+ (g/hp-hr)	0.179	3.400	1.939		0.112	0.109	0.108
ATCM, MY 2008+ + Level 3 VDECS (g/hp-hr)	0.179	3.400	1.939		0.017	0.016	0.016
Tier 2 (g/kW-hr)	0.320	6.080	3.500		0.200	0.195	0.193
Tier 2 (g/hp-hr)	0.239	4.534	2.610		0.149	0.146	0.144
Tier 2 + Level 3 VDECS (g/hp-hr)	0.239	4.534	2.610		0.022	0.022	0.022
Tier 4 (g/kW-hr)	0.190	0.670	3.500		0.030	0.029	0.029
Tier 4 (g/hp-hr)	0.142	0.500	2.610		0.022	0.022	0.022
Unmitigated (g/hp-hr)	0.179	3.400	1.939		0.112	0.109	0.108
Mitigated (g/hp-hr)	0.179	3.400	1.939		0.017	0.016	0.016

**Assumptions**

10 total generators (2 in each of 4 areas + 2 in Pier 48)  
 50 hours per year of operation per generator  
 0.0005 tons per lb  
 0.907185 metric tons per ton  
 453.592 grams/lb  
 2000 horsepower  
 0.74 Load factor (CalEEMod default)  
 0.976 PM10 per Total PM <http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-sigs>  
 0.991 PM2.5 per PM10 <http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-sigs>  
 5% NMHC frac 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.aspx](http://www.baaqmd.gov/~media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.aspx)  
 95% NOX frac 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.aspx](http://www.baaqmd.gov/~media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.aspx)  
 1.34102 HP per kW  
 85% Level 3 VDECS PM reduction <https://www.arb.ca.gov/diesel/verdev/vt/cvt.htm>

**Summary of Emissions by Year**

Area	Phase Dates	# Generators
Area 1	4/1/2017 3/31/2020	4
Area 2	4/3/2018 4/1/2021	2
Area 3	4/3/2019 4/1/2022	2
Area 4	4/2/2020 4/5/2023	2

Year	# Gen	Annual Emissions (tons or MT per year for GHG)											Average Daily Emissions (lbs/day)												
		ROG	NOX	CO	SOX	PM10 Exh	PM10 Dst	PM10 T	PM2.5 Ex	PM2.5 Dst	PM2.5 T	CO2	CH4	N2O	ROG	NOX	CO	SOX	PM10 Exh	PM10 Dst	PM10 T	PM2.5 Ex	PM2.5 Dst	PM2.5 T	
2020	4	0.06	1.11	0.63		0.04		0.04							0.32	6.08	3.47		0.20		0.20	0.19			0.19
2021	6	0.09	1.66	0.95		0.05		0.05							0.48	9.12	5.20		0.29		0.29	0.29			0.29
2022	8	0.12	2.22	1.27		0.07		0.07							0.64	12.16	6.93		0.39		0.39	0.39			0.39
2023	10	0.15	2.77	1.58		0.09		0.09							0.80	15.20	8.67		0.49		0.49	0.48			0.48
2024 and later years	10	0.15	2.77	1.58		0.09		0.09							0.80	15.20	8.67		0.49		0.49	0.48			0.48

Year	# Gen	Annual Emissions (tons or MT per year for GHG)											Average Daily Emissions (lbs/day)												
		ROG	NOX	CO	SOX	PM10 Exh	PM10 Dst	PM10 T	PM2.5 Ex	PM2.5 Dst	PM2.5 T	CO2	CH4	N2O	ROG	NOX	CO	SOX	PM10 Exh	PM10 Dst	PM10 T	PM2.5 Ex	PM2.5 Dst	PM2.5 T	
2020	4	0.06	1.11	0.63		0.01		0.01							0.32	6.08	3.47		0.03		0.03	0.03			0.03
2021	6	0.09	1.66	0.95		0.01		0.01							0.48	9.12	5.20		0.04		0.04	0.04			0.04
2022	8	0.12	2.22	1.27		0.01		0.01							0.64	12.16	6.93		0.06		0.06	0.06			0.06
2023	10	0.15	2.77	1.58		0.01		0.01							0.80	15.20	8.67		0.07		0.07	0.07			0.07
2024 and later years	10	0.15	2.77	1.58		0.01		0.01							0.80	15.20	8.67		0.07		0.07	0.07			0.07

Year	# Gen	Annual Emissions (tons or MT per year for GHG)											Average Daily Emissions (lbs/day)												
		ROG	NOX	CO	SOX	PM10 Exh	PM10 Dst	PM10 T	PM2.5 Ex	PM2.5 Dst	PM2.5 T	CO2	CH4	N2O	ROG	NOX	CO	SOX	PM10 Exh	PM10 Dst	PM10 T	PM2.5 Ex	PM2.5 Dst	PM2.5 T	
2020	4	0%	0%	0%		-85%		-85%							0%	0%	0%		-85%		-85%	-85%			-85%
2021	6	0%	0%	0%		-85%		-85%							0%	0%	0%		-85%		-85%	-85%			-85%
2022	8	0%	0%	0%		-85%		-85%							0%	0%	0%		-85%		-85%	-85%			-85%
2023	10	0%	0%	0%		-85%		-85%							0%	0%	0%		-85%		-85%	-85%			-85%
2024 and later years	10	0%	0%	0%		-85%		-85%							0%	0%	0%		-85%		-85%	-85%			-85%

Year	# Gen	Annual Emissions (tons or MT per year for GHG)											Average Daily Emissions (lbs/day)												
		ROG	NOX	CO	SOX	PM10 Exh	PM10 Dst	PM10 T	PM2.5 Ex	PM2.5 Dst	PM2.5 T	CO2	CH4	N2O	ROG	NOX	CO	SOX	PM10 Exh	PM10 Dst	PM10 T	PM2.5 Ex	PM2.5 Dst	PM2.5 T	
2020	4	0.05	0.70	0.19	0.00	0.02	0.00	0.02	0.02	0.00	0.02	84.11	0.00	0.00	0.27	3.84	1.04	0.0002247	0.09	0.00	0.09	0.09	0.00	0.00	0.09
2021	6	0.15	2.10	0.57	0.00	0.05	0.00	0.05	0.05	0.00	0.05	252.32	0.01	0.00	0.81	11.51	3.11	0.000674	0.28	0.00	0.28	0.28	0.00	0.00	0.28
2022	8	0.20	2.80	0.76	0.00	0.07	0.00	0.07	0.07	0.00	0.07	336.43	0.02	0.00	1.08	15.35	4.15	0.0008986	0.37	0.00	0.37	0.37	0.00	0.00	0.37
2023	10	0.25	3.50	0.95	0.00	0.08	0.00	0.08	0.08	0.00	0.08	420.54	0.02	0.00	1.35	19.19	5.19	0.0011233	0.46	0.00	0.46	0.46	0.00	0.00	0.46
2024 and later years	10	0.25	3.50	0.95	0.00	0.08	0.00	0.08	0.08	0.00	0.08	420.54	0.02	0.00	1.35	19.19	5.19	0.0011233	0.46	0.00	0.46	0.46	0.00	0.00	0.46

Year	# Gen	Annual Emissions (tons or MT per year for GHG)											Average Daily Emissions (lbs/day)													
		ROG	NOX	CO	SOX	PM10 Exh	PM10 Dst	PM10 T	PM2.5 Ex	PM2.5 Dst	PM2.5 T	CO2	CH4	N2O	ROG	NOX	CO	SOX	PM10 Exh	PM10 Dst	PM10 T	PM2.5 Ex	PM2.5 Dst	PM2.5 T		
2020	4	19%	58%	234%	-100%	110%	#DIV/0!	110%	108%	#DIV/0!	108%	-100%	-100%	#DIV/0!	19%	58%	234%	-100%	110%	#DIV/0!	110%	108%	#DIV/0!	108%		
2021	6	-41%	-21%	67%	-100%	5%	#DIV/0!	5%	4%	#DIV/0!	4%	-100%	-100%	#DIV/0!	-41%	-21%	67%	-100%	5%	#DIV/0!	5%	4%	#DIV/0!	4%		

**Table 1: Emission Standards for New Stationary Emergency Standby Diesel-Fueled CI Engines g/bhp-hr (g/kW-hr)**

Maximum Engine Power	Model year(s)	PM	NMHC+NOx	CO
50 ≤ HP < 75 (37 ≤ kW < 56)	2007	0.15 (0.20)	5.6 (7.5) 3.5 (4.7)	3.7 (5.0)
	2008+			
75 ≤ HP < 100 (56 ≤ kW < 75)	2007	0.15 (0.20)	5.6 (7.5) 3.5 (4.7)	3.7 (5.0)
	2008+			
100 ≤ HP < 175 (75 ≤ kW < 130)	2007	0.15 (0.20)	3.0 (4.0)	3.7 (5.0)
	2008+			
175 ≤ HP < 300 (130 ≤ kW < 225)	2007	0.15 (0.20)	3.0 (4.0)	2.6 (3.5)
	2008+			
300 ≤ HP < 600 (225 ≤ kW < 450)	2007	0.15 (0.20)	3.0 (4.0)	2.6 (3.5)
	2008+			
600 ≤ HP < 750 (450 ≤ kW < 560)	2007	0.15 (0.20)	3.0 (4.0)	2.6 (3.5)
	2008+			
HP > 750 (kW > 560)	2007	0.15 (0.20)	4.8 (6.4)	2.6 (3.5)
	2008+			

1. May be subject to additional emission limitations as specified in current applicable district rules, regulations or policies.

Table 1.—Emission Standards (g/kW-hr)

Rated Power (kW)	Tier	Model Year <sup>1</sup>	NOx	HC	NMHC + NOx	CO	PM
kW<8	Tier 1	2000	—	—	10.5	8.0	1.0
	Tier 2	2005	—	—	7.5	8.0	0.80
8≤kW<19	Tier 1	2000	—	—	9.5	6.6	0.80
	Tier 2	2005	—	—	7.5	6.6	0.80
19≤kW<37	Tier 1	1999	—	—	9.5	5.5	0.80
	Tier 2	2004	—	—	7.5	5.5	0.60
37≤kW<75	Tier 1	1998	9.2	—	—	—	—
	Tier 2	2004	—	—	7.5	5.0	0.40
	Tier 3	2008	—	—	4.7	5.0	—
75≤kW<130	Tier 1	1997	9.2	—	—	—	—
	Tier 2	2003	—	—	6.6	5.0	0.30
	Tier 3	2007	—	—	4.0	5.0	—
130≤kW<225	Tier 1	1996	9.2	1.3	—	11.4	0.54
	Tier 2	2003	—	—	6.6	3.5	0.20
	Tier 3	2006	—	—	4.0	3.5	—
225≤kW<450	Tier 1	1996	9.2	1.3	—	11.4	0.54
	Tier 2	2001	—	—	6.4	3.5	0.20
	Tier 3	2006	—	—	4.0	3.5	—
450≤kW≤560	Tier 1	1996	9.2	1.3	—	11.4	0.54
	Tier 2	2002	—	—	6.4	3.5	0.20
	Tier 3	2006	—	—	4.0	3.5	—
kW>560	Tier 1	2000	9.2	1.3	—	11.4	0.54
	Tier 2	2006	—	—	6.4	3.5	0.20

<sup>1</sup> The model years listed indicate the model years for which the specified tier of standards take effect.

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#### d. Haul Trucks

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e. Truck Trips

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**Operational Truck Estimation**  
 Includes Fuel, Labor, and Maintenance Costs  
 Includes Fuel, Labor, and Maintenance Costs  
 Includes Fuel, Labor, and Maintenance Costs

Year	2018	2019	2020	2021	2022	2023	2024	2025
Revenue	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Operating Expenses	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)
Operating Income	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000

**Revenue Breakdown by Product Line**

Year	2018	2019	2020	2021	2022	2023	2024	2025
Product Line 1	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Product Line 2	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Product Line 3	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000

**Cost Breakdown by Category**

Year	2018	2019	2020	2021	2022	2023	2024	2025
Category 1	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Category 2	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Category 3	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000

**Truck Specifications and Performance Data**

Truck ID	Year	Make	Model	Capacity (kg)	Max Speed (km/h)	Fuel Consumption (L/100km)	CO2 Emissions (g/km)	Engine Power (kW)	Transmission	Drive Type	Weight (kg)	Dimensions (LxWxH)
1001	2018	Volvo	FM260	26000	120	35	180	260	6	4x2	12000	12000x2500x3500
1002	2019	Volvo	FM260	26000	120	35	180	260	6	4x2	12000	12000x2500x3500
1003	2020	Volvo	FM260	26000	120	35	180	260	6	4x2	12000	12000x2500x3500

**Operational Data Summary**

Year	2018	2019	2020	2021	2022	2023	2024	2025
Total Revenue	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Total Operating Expenses	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)
Operating Income	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000

**Truck Specifications and Performance Data**

Truck ID	Year	Make	Model	Capacity (kg)	Max Speed (km/h)	Fuel Consumption (L/100km)	CO2 Emissions (g/km)	Engine Power (kW)	Transmission	Drive Type	Weight (kg)	Dimensions (LxWxH)
1001	2018	Volvo	FM260	26000	120	35	180	260	6	4x2	12000	12000x2500x3500
1002	2019	Volvo	FM260	26000	120	35	180	260	6	4x2	12000	12000x2500x3500
1003	2020	Volvo	FM260	26000	120	35	180	260	6	4x2	12000	12000x2500x3500



### **3. Additional Calculations**

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a. AERMOD Roadway Segment Scaling Factors

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**Onroad Trips**

10/13/2016 <- Last Updated (Final for AQTR 4)

This spreadsheet should match Table 6 in the AQTR. No emissions calculations; only CalEEMod/Offsite Truck tab inputs

Data from Project Sponsor

CalEEMod Entries

**HAUL TRIPS**

**AREA 1 (Building A, G, K, China Basin Park, Pier 48)**

Phase	Daily trips	Total Trips	Avg distance (mi)	Percentage of Trips / # of Trips by Origin					SoCal / Northwest
				Brisbane	South SF	South Bay	North Bay	East Bay	
Demo + Rough Grade	58	3,630	20.6	10%	10%	50%	10%	10%	10%
Infrastructure	5	440	20.6	10%	10%	50%	10%	10%	10%
Foundations + Buildings	60	11,370	20.6	10%	10%	50%	10%	10%	10%
Paving + Landscape	25	900	20.6	10%	10%	50%	10%	10%	10%

**AREA 2 (Buildings B, C & D)**

Phase	Daily trips	Total Trips	Avg distance (mi)	Percentage of Trips / # of Trips by Origin					SoCal / Northwest
				Brisbane	South SF	South Bay	North Bay	East Bay	
Demo + Rough Grade	50	3,000	20.6	10%	10%	50%	10%	10%	10%
Infrastructure	4	300	20.6	10%	10%	50%	10%	10%	10%
Foundations + Buildings	47	11,050	20.6	10%	10%	50%	10%	10%	10%
Paving + Landscape	10	450	20.6	10%	10%	50%	10%	10%	10%

**AREA 3 (Buildings E & F, Mission Rock Square Underground Parking)**

Phase	Daily trips	Total Trips	Avg distance (mi)	Percentage of Trips / # of Trips by Origin					SoCal / Northwest
				Brisbane	South SF	South Bay	North Bay	East Bay	
Demo + Rough Grade	18	265	20.6	10%	10%	50%	10%	10%	10%
Infrastructure	11	400	20.6	10%	10%	50%	10%	10%	10%
Foundations + Buildings	143	10,750	20.6	10%	10%	50%	10%	10%	10%
Paving + Landscape	20	750	20.6	10%	10%	50%	10%	10%	10%

**AREA 4 (Buildings H, I & J, Channel Plaza)**

Phase	Daily trips	Total Trips	Avg distance (mi)	Percentage of Trips / # of Trips by Origin					SoCal / Northwest
				Brisbane	South SF	South Bay	North Bay	East Bay	
Demo + Rough Grade	57	1,500	20.6	10%	10%	50%	10%	10%	10%
Infrastructure	4	400	20.6	10%	10%	50%	10%	10%	10%
Foundations + Buildings	43	6,200	20.6	10%	10%	50%	10%	10%	10%
Paving + Landscape	14	600	20.6	10%	10%	50%	10%	10%	10%

**WORKER TRIPS**

**AREA 1 (Building A, G, K, China Basin Park, Pier 49)**

Phase	Total workers
Demo + Rough Grade	50
Infrastructure	50
Foundations + Buildings	450
Paving + Landscape	65

ONE-WAY Trips	
Daily	Total
100	6,000
100	26,000
900	522,000
130	10,790

1,533,370

**AREA 2 (Buildings B, C & D)**

Phase	Total workers
Demo + Rough Grade	30
Infrastructure	30
Foundations + Buildings	450
Paving + Landscape	40

ONE-WAY Trips	
Daily	Total
60	3,600
60	15,600
900	405,000
80	17,040

**AREA 3 (Buildings E & F, Mission Rock Square Underground)**

Phase	Total workers
Demo + Rough Grade	30
Infrastructure	30
Foundations + Buildings	200
Paving + Landscape	40

ONE-WAY Trips	
Daily	Total
60	3,600
60	15,600
400	200,000
80	13,040

**AREA 4 (Buildings H, I & J, Channel Plaza)**

Phase	Total workers
Demo + Rough Grade	40
Infrastructure	40
Foundations + Buildings	225
Paving + Landscape	50

ONE-WAY Trips	
Daily	Total
80	4,800
80	20,800
450	261,000
100	8,500

**On Road Scaling Factors**

AERMOD Data	Value	Notes
AERMOD roadway area (m2)	25,000	not used
AERMOD roadway width (m)	30	not used
AERMOD roadway length (m) - trip wgt. avg	1,526	
AERMOD roadway length (ft)	5,007	
AERMOD roadway length (miles)	0.95	

Hauling	Value	Notes
Total route length (one-way) (miles)	20.6	
Total route length (roundtrip) (miles)	41.2	
Scaling factor	0.0230	

Vendor	Value	Notes
Total route length (one-way) (miles)	20.6	assume same as haul
Total route length (roundtrip) (miles)	41.2	
Scaling factor	0.0230	

Worker	Value	Notes
Total route length (one-way) (miles)	20.4	
Total route length (roundtrip) (miles)	40.8	
Scaling factor	0.0232	

Description	Roadway Length (m)	Trip Percentage
<b>Haul Routes - Construction</b>		
Exhaust emissions on Northern Haul Route: 3rd St. to Brannan	1064	25%
Exhaust emissions on Southern Haul Route: 3rd St. to Mariposa	1680	75%
Exhaust emissions on Northern Haul Route: additional segment on 3rd St.	210	
Exhaust emissions on Southern Haul Route: additional segment on 3rd St.	168	
<b>Roadways - Operation</b>		
Fugitive emissions on Exposition St.	170	
Fugitive emissions on Long Bridge St	180	
Fugitive emissions on Terry A. Francois Blvd	230	

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# **SEAWALL LOT 337/PIER 48 (MISSION ROCK) PROJECT AIR QUALITY TECHNICAL REPORT – TABLES AND FIGURES**

**PREPARED FOR:**

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**April 2017**



ICF. 2017. Seawall Lot 337/Pier 48 (Mission Rock) Project Air Quality  
Technical Report – Tables and Figures. Draft. April. (ICF 00336.13.) San  
Francisco, CA. Prepared for City and County of San Francisco Planning  
Department, Environmental Planning Division, San Francisco, CA.

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**TABLES**

**Table 1. Dwelling Units and Building Square Footages by Operational Land Use Type**

Land Use Type	Dwelling Units (residential) and Square Footage (nonresidential)									
	Assumption A					Assumption B				
	Area 1 <sup>a</sup>	Area 2 <sup>a</sup>	Area 3 <sup>a</sup>	Area 4 <sup>a</sup>	Total	Area 1 <sup>a</sup>	Area 2 <sup>a</sup>	Area 3 <sup>a</sup>	Area 4 <sup>a</sup>	Total
Residential (dwelling units)	501	239	308	0	1,048	Same as Assumption A		532		1,580
Residential (square footage)	500,966	238,828	307,720	0	1,047,514	Same as Assumption A		531,985		1,579,499
Commercial - office	279,698	567,702	125,275	389,006	1,361,681	Same as Assumption A		0		972,675
Commercial – general/retail	32,678	43,849	9,383	33,867	119,777	Same as Assumption A		43,765		129,675
Sit-down Restaurant	23,864	23,864	15,909	23,864	87,501	Same as Assumption A		14,318		77,955
Quick Service Restaurant	10,227	10,227	6,818	10,227	37,499	Same as Assumption A		6,136		33,408
Parking Structure	0	837,230	0	0	837,230			Same as Assumption A		
Underground Parking	0	0	227,180	0	227,180			Same as Assumption A		
China Basin Park	191,200	0	0	0	191,200			Same as Assumption A		
Mission Rock Square	0	0	48,366	0	48,366			Same as Assumption A		
Channel Plaza	0	0	0	21,551	21,551			Same as Assumption A		
Pier 48 - Brewery/Distillery	190,500	0	0	0	190,500			Same as Assumption A		
Pier 48 - Brewery Retail/Exhibition	11,000	0	0	0	11,000			Same as Assumption A		
Pier 48 - Brewery Restaurant	11,000	0	0	0	11,000			Same as Assumption A		
<b>Total (square footage)</b>	<b>1,251,133</b>	<b>1,721,700</b>	<b>740,651</b>	<b>478,515</b>	<b>4,191,999</b>	<b>Same as Assumption A</b>		<b>596,204</b>		<b>4,331,239</b>

Source:

Hall, Kristen. Urban Designer III, Associate. Perkins+Will. December 2, 2015—email communication with ICF.

Notes:

<sup>a</sup>. The project site has been divided into four areas, with four construction phases occurring per area. Each area would consist of two to three development blocks and associated area for streets and open space. Table 2 summarizes the proposed development for each area.

**Table 2. Proposed Development by Area and Overall Project Phasing**

Area	Proposed Development	Years of Construction	Operational Date	Total Number of Work Days	Total Truck Trips
Area 1	Block A Block G China Basin Park Mission Rock Square Pier 48	2017–2020	3/31/2020	783	16,340
Area 2	Block B Block C Block D (including Garage)	2018–2021	4/1/2021	783	14,880
Area 3	Block E Block F Block K Parking Garage	2019–2022	4/1/2022	783	20,165
Area 4	Block H Block I Block J Channel Plaza	2020–2023	4/5/2023	785	8,700

Sources:

1. Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF.
2. Hall, Kristen. Urban Designer III, Associate. Perkins+Will. December 2, 2015—email communication with ICF.

Notes:

- <sup>a</sup> Total truck trips include excavation fill removal.



**Table 3. Construction Schedule**

Area and Phase	Start Date	Finish Date	Total Number of Work Days
<b>Area 1 (Building A, G, China Basin Park, Mission Rock Square, Pier 48)</b>	<b>4/1/2017</b>	<b>3/31/2020</b>	<b>783</b>
Demo + Rough Grade	4/3/2017	6/23/2017	60
Infrastructure <sup>a</sup>	6/26/2017	6/22/2018	260
Foundations + Buildings	1/8/2018	3/27/2020	580
Paving + Landscape	12/9/2019	4/1/2020	83
<b>Area 2 (Buildings B, C, and D)</b>	<b>4/3/2018</b>	<b>4/1/2021</b>	<b>783</b>
Demo + Rough Grade	4/3/2018	6/25/2018	60
Infrastructure	6/26/2018	6/24/2019	260
Foundations + Buildings	1/8/2019	9/28/2020	450
Paving + Landscape	6/9/2020	4/1/2021	213
<b>Area 3 (Buildings E, F, and K, Underground Parking)</b>	<b>4/3/2019</b>	<b>4/1/2022</b>	<b>783</b>
Demo + Rough Grade	4/3/2019	6/25/2019	60
Infrastructure	6/26/2019	6/23/2020	260
Foundations + Buildings	1/8/2020	12/7/2021	500
Paving + Landscape	8/18/2021	4/1/2022	163
<b>Area 4 (Buildings H, I and J, Channel Plaza)</b>	<b>4/2/2020</b>	<b>4/5/2023</b>	<b>785</b>
Demo + Rough Grade	4/2/2020	6/24/2020	60
Infrastructure	6/25/2020	6/23/2021	260
Foundations + Buildings	1/7/2021	3/29/2023	580
Paving + Landscape	12/8/2022	4/5/2023	85

Source:

Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF.

Notes:

a. Modeling includes infrastructure and open space construction.

**Table 4. Construction Equipment Activity**

Phase	Applicant-Provided Equipment Type/Fuel	CalEEMod Equipment Type	Number/Da y <sup>a</sup>	Horsepower	Average Hours/ Day
<b>Area 1 (Building A, G, China Basin Park, Mission Rock Square, Pier 48)</b>					
Demo + Rough Grade	Loader/Diesel	Tractors/ Loaders/ Backhoes	2	120	8
	Dump Truck/Diesel	n/a <sup>b</sup>	2	325	8
	Bulldozer/Diesel	Crawler Tractors	2	400	8
	Jet Grout Rig/Diesel	Bore/Drill Rigs	2	200	4
	Jet Grout Pump/Diesel	Pumps	2	50	4
	Generator for Jet Grout Rig/Diesel	Generator Sets	1	400	4
	Backhoe/Diesel	Tractors/ Loaders/ Backhoes	1	350	4
	Scraper/Diesel	Scrapers	2	330	2
	Water Truck/Diesel	n/a <sup>b</sup>	1	330	-
	Infrastructure	Dump Truck/Diesel	n/a <sup>b</sup>	2	325
Backhoe/Diesel		Tractors/ Loaders/ Backhoes	1	250	4
Trencher/Diesel		Trenchers	1	41	4
Foundations + Building	Excavator/Diesel	Excavators	3	385	1
	Dump Truck/Diesel	n/a <sup>b</sup>	3	325	1
	Crane/Diesel	Cranes	2	335	4
	Drill/Diesel	Bore/Drill Rigs	3	225	1
	Forklift/Diesel	Forklifts	3	210	2
	Concrete truck/Diesel	n/a <sup>b</sup>	3	325	2
	Water Truck/Diesel	n/a <sup>b</sup>	3	330	2
	Concrete pump/Diesel	Pumps	3	73	2
	Welder/Diesel	Welders	6	35	2
	Air compressor/Diesel	Air Compressors	6	150	2
	Air compressor/Diesel	Air Compressors	6	49	2
	High-lift forklift/Diesel	Forklifts	3	120	2
	Pile hammer/Diesel	Bore/Drill Rigs	3	130	2
	Carrydeck crane/Diesel	Cranes	1	110	4
	45-ton grove crane/Diesel	Cranes	1	215	4
	Boom truck crane/Diesel	Cranes	1	250	4
	CX80 excavator/Diesel	Excavators	1	53	1
	Rubber-tired loader/Diesel	Rubber Tired Loaders	1	260	1
	Temporary generators for welding, metal decking, miscellaneous trades/Diesel	Generator Sets	8	10	4

Phase	Applicant-Provided Equipment Type/Fuel	CalEEMod Equipment Type	Number/Day <sup>a</sup>	Horsepower	Average Hours/Day
<i>In-water equipment for Pier 48 seismic upgrade:</i>					
<u>DB Alameda derrick barge</u>					
	Draw-works engine (crane)	Cranes	1	400	4
	Genset engine – main house	n/a <sup>c</sup>	1	400	4
	Deck air compressor	Air Compressors	1	49	4
	Anchor/spud winch – Engine A	Other Material Handling Eq.	1	117	4
	Anchor/spud winch – Engine B	Other Material Handling Eq.	1	117	4
	Deck generator	Generator Sets	1	274	8
<u>Challenger crane barge</u>					
	Draw-works engine (crane)	Cranes	1	364	4
	Deck generator	Generator Sets	1	129	8
	Air compressor	Air Compressors	1	49	4
	Spud winch	Other Material Handling Eq.	1	120	4
	APE 200 vibratory hammer	Bore/Drill Rigs	1	595	4
	APE 600 vibratory hammer	Bore/Drill Rigs	1	1,200	2
	D36 impact hammer, 89000 lb-ft	Bore/Drill Rigs	1	125	4
	Work boat	n/a <sup>c</sup>	1	50	8
Paving + Landscape	Roller/Diesel	Rollers	1	40	2
	Paver/Diesel	Pavers	1	175	2
	Berm Machine/Diesel	Surfacing Equipment	1	44	1
	Dump truck/Diesel	n/a <sup>b</sup>	1	325	4
	Pickup/Diesel	n/a <sup>b</sup>	2	250	8
<b>Area 2 (Buildings B, C and D)</b>					
Demo + Rough Grade	Loader/Diesel	Tractors/Loaders/Backhoes	2	120	8
	Dump Truck/Diesel	n/a <sup>b</sup>	2	325	8
	Bulldozer/Diesel	Crawler Tractors	2	400	8
	Backhoe/Diesel	Tractors/Loaders/Backhoes	1	350	4
	Scraper/Diesel	Scrapers	1	330	4
	Water Truck/Diesel	n/a <sup>b</sup>	1	330	4
Infrastructure	Dump Truck/Diesel	n/a <sup>b</sup>	2	325	4
	Backhoe/Diesel	Tractors/Loaders/Backhoes	1	250	4
	Trencher/Diesel	Trenchers	1	41	4

Phase	Applicant-Provided Equipment Type/Fuel	CalEEMod Equipment Type	Number/Day <sup>a</sup>	Horsepower	Average Hours/Day
Foundations + Building	Excavator/Diesel	Excavators	3	385	1
	Dump Truck/Diesel	n/a <sup>b</sup>	3	325	1
	Crane/Diesel	Cranes	1	335	4
	Crane/Electric	n/a <sup>d</sup>	2	150	4
	Drill/Diesel	Bore/Drill Rigs	3	225	1
	Forklift/Diesel	Forklifts	3	210	2
	Concrete truck/Diesel	n/a <sup>b</sup>	4	325	2
	Water Truck/Diesel	n/a <sup>b</sup>	4	330	2
	Concrete Pump/Diesel	Pumps	4	73	2
	Welder/Diesel	Welders	4	35	2
	Air compressor/Diesel	Air Compressors	6	150	5
	High-lift forklift/Diesel	Forklifts	3	120	2
	Pile hammer/Diesel	Bore/Drill Rigs	4	130	2
	Temporary generators for welding, metal decking, miscellaneous trades/Diesel	Generator Sets	8	10	4
Paving + Landscape	Roller/Diesel	Rollers	1	40	2
	Paver/Diesel	Pavers	1	175	2
	Dump truck/Diesel	n/a <sup>b</sup>	1	325	4
	Pickup/Diesel	n/a <sup>b</sup>	2	250	8
<b>Area 3 (Buildings E, F, and K, Underground Parking)</b>					
Demo + Rough Grade	Loader/Diesel	Tractors/Loaders/Backhoes	2	120	8
	Dump Truck/Diesel	n/a <sup>b</sup>	2	325	8
	Bulldozer/Diesel	Crawler Tractors	1	400	8
	Backhoe/Diesel	Tractors/Loaders/Backhoes	1	350	4
	Scraper/Diesel	Scrapers	1	330	4
	Water Truck/Diesel	n/a <sup>b</sup>	1	330	4
Infrastructure	Dump Truck/Diesel	n/a <sup>b</sup>	2	325	4
	Backhoe/Diesel	Tractors/Loaders/Backhoes	1	250	4
	Trencher/Diesel	Trenchers	1	41	4
Foundations + Building	Dump Truck/Diesel	n/a <sup>b</sup>	3	325	8
	Excavator	Excavators	3	385	8
	Crane/Diesel	Cranes	1	335	4
	Crane/Electric <sup>a</sup>	n/a <sup>d</sup>	3	150	4
	Drill/Diesel	Bore/Drill Rigs	3	225	1
	Forklift/Diesel	Forklifts	2	210	2
	Concrete truck/Diesel	n/a <sup>b</sup>	8	325	2

Phase	Applicant-Provided Equipment Type/Fuel	CalEEMod Equipment Type	Number/Day <sup>a</sup>	Horsepower	Average Hours/Day
	Water Truck/Diesel	n/a <sup>b</sup>	8	330	2
	Concrete Pump/Diesel	Pumps	8	73	2
	Welder/Diesel	Welders	3	35	2
	Air compressor/Diesel	Air Compressors	3	150	5
	High-lift forklift/Diesel	Forklifts	2	120	2
	Pile hammer/Diesel	Bore/Drill Rigs	3	130	2
	Temporary generators for welding, metal decking, miscellaneous trades/Diesel	Generator Sets	6	10	4
Paving + Landscape	Roller/Diesel	Rollers	1	40	2
	Paver/Diesel	Pavers	1	175	2
	Berm Machine/Diesel	Surfacing Equipment	1	44	1
	Dump truck/Diesel	n/a <sup>b</sup>	1	325	4
	Pickup/Diesel	n/a <sup>b</sup>	2	250	8
<b>Area 4 (Buildings H, I and J, Channel Plaza)</b>					
Demo + Rough Grade	Loader/Diesel	Tractors/Loaders/Backhoes	2	120	8
	Dump Truck/Diesel	n/a <sup>b</sup>	2	325	8
	Bulldozer/Diesel	Crawler Tractors	1	400	8
	Backhoe/Diesel	Tractors/Loaders/Backhoes	1	350	4
	Scraper/Diesel	Scrapers	1	330	4
	Water Truck/Diesel	n/a <sup>b</sup>	1	330	4
Infrastructure	Dump Truck/Diesel	n/a <sup>b</sup>	2	325	4
	Backhoe/Diesel	Tractors/Loaders/Backhoes	1	250	4
	Trencher/Diesel	Trenchers	1	41	4
Foundations + Building	Excavator/Diesel	Excavators	3	385	1
	Dump Truck/Diesel	n/a <sup>b</sup>	3	325	1
	Crane/Diesel	Cranes	1	335	4
	Crane/Electric	n/a <sup>d</sup>	3	150	4
	Drill/Diesel	Bore/Drill Rigs	3	225	1
	Forklift/Diesel	Forklifts	3	210	2
	Concrete truck/Diesel	n/a <sup>b</sup>	3	325	2
	Water Truck/Diesel	n/a <sup>b</sup>	3	330	2
	Concrete Pump/Diesel	Pumps	3	73	2
	Welder/Diesel	Welders	6	35	2
	Air compressor/Diesel	Air Compressors	3	150	5

Phase	Applicant-Provided Equipment Type/Fuel	CalEEMod Equipment Type	Number/Day <sup>a</sup>	Horsepower	Average Hours/Day
	High-lift forklift/Diesel	Forklifts	3	120	2
	Pile Hammer/Diesel	Bore/Drill Rigs	3	130	2
	Temporary generators for welding, metal decking, miscellaneous trades/Diesel	Generator Sets	6	10	4
Paving + Landscape	Roller/Diesel	Rollers	1	40	2
	Paver/Diesel	Pavers	1	175	2
	Berm Machine/Diesel	Surfacing Equipment	1	44	1
	Dump truck/Diesel	n/a <sup>b</sup>	1	325	4
	Pickup/Diesel	n/a <sup>b</sup>	2	250	8

Source:

Mesikepp, Sam. Hathaway Dinwiddie Construction Company. September 6, 2016—email communication with ICF.

Notes:

- a. All equipment assumed to operate each day throughout the entire phase duration.
- b. On-road trucks were modeled based on anticipated daily trips and estimated vehicle miles traveled. See Table 6 for a summary of on-road assumptions used in this analysis.
- c. In-water equipment was modeled outside of CalEEMod. See Table 5 for a summary of in-water assumptions used in this analysis.
- d. Electricity use results in indirect criteria pollutant, toxic air contaminant (TAC), and greenhouse gas (GHG) emissions at the applicable power plant, but the Air Quality Technical Report does not evaluate these offsite indirect emissions. Therefore, electric equipment was not included in the CalEEMod modeling or the impact analysis.

Abbreviations:

CalEEMod: **C**alifornia **E**missions Estimator **M**ODEl

Eq.: Equipment

**Table 5. Barge and Work Boat Details**

Characteristic	Barge	Work Boat
Engine Horsepower	400	50
Engine Model Year	2000	2000
Load Factor	0.50	0.45
Engine Emission Factors with deterioration (g/hp-hr) <sup>a</sup>		
ROG	0.55	2.02
NO <sub>x</sub>	7.30	7.36
PM10	0.34	0.76
PM2.5	0.33	0.74

Sources:

California Air Resources Board. 2012. *Appendix B: Emissions Estimation Methodology for Commercial Harbor Craft Operating in California*. Available: <<http://www.arb.ca.gov/msei/chc-appendix-b-emission-estimates-ver02-27-2012.pdf>>.

Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF.

Notes:

<sup>a</sup>. Calculated using ARB 2012; refer to Appendix A for calculation details.

Abbreviations:

ROG: reactive organic gases

NO<sub>x</sub>: nitrogen oxides

PM10: particulate matter less than or equal to 10 microns in diameter

PM2.5: particulate matter less than or equal to 2.5 microns in diameter

g/hp-hr: grams per horsepower-hour

**Table 6. Hauling Truck Trips and Worker Trips**

Area and Phase	Haul/Vendor Trips <sup>a</sup>		Worker Trips <sup>b</sup>		Soil Moved (cubic yards)		
	Daily	Total <sup>c</sup>	Daily	Total <sup>c</sup>	Import	Export	Balance
<b>Area 1 (Building A, G, China Basin Park, Mission Rock Square, Pier 48)</b>							
Demo + Rough Grade	58	3,630	100	6,000	29,230	15,000	15,000
Infrastructure	5	440	100	26,000	3,600	4,000	3,600
Foundations + Buildings	60	11,370	900	522,000	-	7,650	n/a
Paving + Landscape	25	900	130	10,790	-	-	-
<b>Area 2 (Buildings B, C and D)</b>							
Demo + Rough Grade	50	3,000	60	3,600	33,570	20,000	20,000
Infrastructure	4	380	60	15,600	3,024	3,360	3,024
Foundations + Buildings	47	11,050	900	405,000	-	14,250	n/a
Paving + Landscape	10	450	80	17,040	-	-	-
<b>Area 3 (Buildings E, F, and K, Underground Parking)</b>							
Demo + Rough Grade	18	265	60	3,600	15,791	10,000	10,000
Infrastructure	11	400	60	15,600	3,420	3,800	3,420
Foundations + Buildings	143	18,750	400	200,000	9,870	103,200	9,870
Paving + Landscape	20	750	80	13,040	-	-	-
<b>Area 4 (Buildings H, I, and J, Channel Plaza)</b>							
Demo + Rough Grade	57	1,500	80	4,800	25,156	15,000	15,000
Infrastructure	4	400	80	20,800	4,050	4,500	4,050
Foundations + Buildings	43	6,200	450	261,000	-	7,800	n/a
Paving + Landscape	14	600	100	8,500	-	-	-

Source:

Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015, and September 2, 2016—email communication with ICF.

Notes:

- a. Represents one-way truck trips. The average one-way trip length is 20.6 miles, which is based on anticipated subcontractor delivery locations. Specifically, it was assumed that 15% of deliveries would originate from Brisbane and South San Francisco, 50% from the South Bay, 7.5% from the North Bay, 10% from the East Bay, and 2.5% from Southern California or the Pacific Northwest.
- b. Represents one-way worker trips. The average one-way trip length is 20.4 miles.
- c. Total trips account for variation in daily trips and represent total trips for each area and phase.



**Table 7. Jet Grouting Processes and Emissions included in the Analysis**

Process	Emission-Generating Activities
Delivery of cement to the project site via haul truck	Diesel fuel combustion in haul trucks <sup>a</sup>
Onsite diesel generator operation to power mixing plant	Diesel fuel combustion in generator <sup>b</sup>
Operation of jet grout rig	Diesel fuel combustion in jet grout rig engine and pump <sup>b</sup>

Source:

Mesikepp, Sam. Hathaway Dinwiddie Construction Company. August 5, 2015—email communication with ICF.

Notes:

- a. Haul truck trips are included in Table 6 and emissions were calculated using EMFAC2014.
- b. Onsite off-road construction equipment (diesel generators, pumps, jet grout rig) are included in Table 4 and emissions were calculated using CalEEMod.

**Table 8. Architectural Coating Square Footage**

Area	Residential Floor Area (ft <sup>2</sup> )	Nonresidential Floor Area (ft <sup>2</sup> ) <sup>a</sup>	Building Surface Area Coated (ft <sup>2</sup> )			
			Residential		Nonresidential	
			Interior <sup>b</sup>	Exterior <sup>c</sup>	Interior <sup>d</sup>	Exterior <sup>e</sup>
<b>Assumption A</b>						
Area 1	500,966	558,967	1,014,456	338,152	838,451	279,484
Area 2	238,828	645,642	483,627	161,209	968,463	322,821
Area 3	307,720	157,385	623,133	207,711	236,078	78,693
Area 4	0	456,964	0	0	685,446	228,482
<b>Assumption B<sup>f</sup></b>						
Area 1	500,966	558,967	1,014,456	338,152	838,451	279,484
Area 2	238,828	645,642	483,627	161,209	968,463	322,821
Area 3	307,720	157,385	623,133	207,711	236,078	78,693
Area 4	531,985	64,219	1,077,270	359,090	96,329	32,110

**Sources:**

1. ENVIRON International Corporation and the California Air Districts. 2013. CalEEMod User's Guide. Version 2013.2. Appendix A: Calculation Details for CalEEMod. Prepared for the California Air Pollution Control Officers Association. July. Available: <<http://www.aqmd.gov/docs/default-source/caleemod/caleemod-appendixa.pdf?sfvrsn=2>>. Accessed: October 12, 2015.
2. Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF.

**Notes:**

- a. Excludes parking components because they would not require architectural coatings.
- b. Residential interior coated area = total residential floor area \* surface area multiplier \* fraction of surface area coated. CalEEMod assumes the total surface for residential painting equals 2.7 times the floor square footage, and that 75% of the interior surface area is painted. Accordingly, the equation becomes total residential floor area \* 2.7 \* 75%. The default values are described on page A-16 of the CalEEMod User Guide.
- c. Residential exterior coated area = total residential floor area \* surface area multiplier \* fraction of surface area coated. CalEEMod assumes the total surface for residential painting equals 2.7 times the floor square footage, and that 25% of the exterior surface area is painted. Accordingly, the equation becomes total residential floor area \* 2.7 \* 25%.
- d. Nonresidential interior coated area = total nonresidential floor area \* surface area multiplier \* fraction of surface area coated. CalEEMod assumes the total surface for nonresidential painting equals 2.0 times the floor square footage, and that 75% of the interior surface area is painted. Accordingly, the equation becomes total nonresidential floor area \* 2.0 \* 75%.
- e. Nonresidential exterior coated area = total nonresidential floor area \* surface area multiplier \* fraction of surface area coated. CalEEMod assumes the total surface for nonresidential painting equals 2.0 times the floor square footage, and that 25% of the exterior surface area is painted. Accordingly, the equation becomes total nonresidential floor area \* 2.0 \* 25%.
- f. Emissions from Assumption B were modeled because the assumption results in greater residential and nonresidential floor area.

**Abbreviations:**

CalEEMod: **CAL**ifornia **E**missions **E**stimator **MO**del

ft<sup>2</sup> = square feet

**Table 9. Consumer Product Square Footage**

Year	Total Floor Area (ft <sup>2</sup> ) <sup>a</sup>	
	Assumption A	Assumption B
2020	1,059,933	1,059,933
2021	2,781,633	2,781,633
2022	3,473,918	3,473,918
2023	3,930,882	4,070,122
2024	3,930,882	4,070,122

Sources:

Hall, Kristen. Urban Designer III, Associate. Perkins+Will. December 2, 2015—email communication with ICF.

Notes:

- a. Total floor area for consumer product use is based on the total square footage presented in Table 1 for all land use types, except the following: parking structure, underground parking, China Basin Park, Mission Rock Square, Channel Plaza.

Abbreviations:

ft<sup>2</sup> = square feet

**Table 10. Operational Land Use Types Modeled in CalEEMod**

<b>Applicant-Provided Land Use Type</b>	<b>CalEEMod Land Use Type</b>
Residential	Apartments High Rise
Commercial - office	General Office Building
Commercial – general/retail	Strip Mall
Sit-down Restaurant	High Turnover (Sit Down Restaurant)
Quick Service Restaurant	Fast Food Restaurant without Drive Thru
Parking Structure	Enclosed Parking Structure with Elevator
Underground Parking	Enclosed Parking Structure with Elevator
China Basin Park	City Park
Mission Rock Square	City Park
Channel Plaza	City Park
Pier 48 - Brewery/Distillery	Manufacturing
Pier 48 - Brewery Retail/Exhibition	Strip Mall
Pier 48 - Brewery Restaurant	High Turnover (Sit Down Restaurant)

Source:

ENVIRON International Corporation and the California Air Districts. 2013. CalEEMod User’s Guide. Version 2013.2. Appendix A: Calculation Details for CalEEMod. Prepared for the California Air Pollution Control Officers Association. July. Available: <<http://www.aqmd.gov/docs/default-source/caleemod/caleemod-appendixa.pdf?sfvrsn=2>>. Accessed: October 12, 2015.

**Table 11. Daily Trip Rates by Land Use Type and Assumption**

Land Use Type	CalEEMod Land Use Type	Daily Auto Trip Rates <sup>a</sup>		Daily Truck Trip Rates <sup>b</sup>		Unit
		A	B	A	B	
Residential	Apartments High Rise	1.7	1.8	0.03	0.03	/DU
Commercial – office	General Office Building	3.1	2.9	0.22	0.22	/1,000sf
Commercial – general/retail	Strip Mall	20.2	19.3	0.21	0.21	/1,000sf
Sit-down Restaurant	High Turnover (Sit Down Restaurant)	28.9	28.0	3.60	3.60	/1,000sf
Quick Service Restaurant	Fast Food Restaurant w/o Drive Thru	80.6	79.4	3.60	3.60	/1,000sf
Parking Structure	Enclosed Parking Structure with Elevator	-	-	-	-	/1,000sf
Underground Parking	Enclosed Parking Structure with Elevator	-	-	-	-	/1,000sf
China Basin Park	Park	2.9	2.9	-	-	/acre
Mission Rock Square	Park	2.9	2.9	-	-	/acre
Channel Plaza	Park	2.9	2.9	-	-	/acre
Pier 48 - Brewery/Distillery	Manufacturing	0.5	0.5	0.16	0.16	/1,000sf
Pier 48 - Brewery Retail/Exhibition	Strip Mall	20.2	19.3	-	-	/1,000sf
Pier 48 - Brewery Restaurant	High Turnover (Sit Down Restaurant)	28.9	28.0	-	-	/1,000sf

Source:

Fehr & Peers. 2016. Screencheck Draft – Transportation Impact Study: Mission Rock (Seawall Lot 337/Pier 48). Prepared for the City and County of San Francisco Planning Department. July. San Francisco, CA.

Notes:

- a. Represents daily automobile trips by residents and visitors to residential land uses. The daily trip rates were conservatively assumed 365 days per year. Emissions were modeled using CalEEMod.
- b. Represents daily truck trips visitor and deliveries to nonresidential (e.g., commercial, retail) land uses. Emissions were modeled using EMFAC2014 emission factors because CalEEMod cannot estimate emissions generated by a fleet mix of only model year 2010 or newer engines, which would be required by Measure AQ-1.2. In other words, CalEEMod cannot produce a controlled emissions scenario for Measure AQ-1.2.

Abbreviations:

CalEEMod = **CAL**ifornia **E**missions **E**stimator **MODEL**

DU = dwelling unit

A = Assumption A (High Commercial Assumption)

B = Assumption B (High Residential Assumption)

sf = square foot

**Table 12. Daily Trip Lengths (miles) by Land Use Type**

Land Use Type	CalEEMod Land Use Type	Automobiles		Vendor Trucks
		Assumption A	Assumption B	
Residential	Apartments High Rise	4.72	4.57	12.1
Commercial - office	General Office Building	13.40	13.93	12.1
Commercial – general/retail	Strip Mall	1.09	1.12	12.1
Sit-down Restaurant	High Turnover (Sit Down Restaurant)	1.14	1.17	12.1
Quick Service Restaurant	Fast Food Restaurant w/o Drive Thru	0.96	0.99	12.1
Parking Structure	Enclosed Parking Structure with Elevator	-	-	-
Underground Parking	Enclosed Parking Structure with Elevator	-	-	-
China Basin Park	Park	-	-	-
Mission Rock Square	Park	-	-	-
Channel Plaza	Park	-	-	-
Pier 48 - Brewery/Distillery	Manufacturing	2.55	2.55	12.1
Pier 48 - Brewery Retail/Exhibition	Strip Mall	2.55	2.55	-
Pier 48 - Brewery Restaurant	High Turnover (Sit Down Restaurant)	2.55	2.55	-

Source:

Cohn, Jesse. Fehr & Peers. September 8, 2016—email communication with ICF.

**Table 13. Daily Vehicle Trips by Land Use Type and Scenario**

Land Use Type	Daily Auto Trips		Daily Truck Trips	
	Assumption A	Assumption B	Assumption A	Assumption B
Residential	1,797	2,794	31	47
Commercial - office	4,152	2,846	299	214
Commercial – general/retail	2,467	2,323	26	25
Sit-down Restaurant	2,476	2,363	308	304
Quick Service Restaurant	2,959	2,870	132	130
Parking Structure	0	0	0	0
Underground Parking	0	0	0	0
China Basin Park	0	0	0	0
Mission Rock Square	0	0	0	0
Channel Plaza	0	0	0	0
Pier 48 - Brewery/Distillery	90	90	30	30
Pier 48 - Brewery Retail/Exhibition	222	212	0	0
Pier 48 - Brewery Restaurant	318	308	0	0
<b>Total</b>	<b>15,048</b>	<b>14,012</b>	<b>844</b>	<b>728</b>

Source:

Fehr & Peers. 2016. Screencheck Draft - Transportation Impact Study: Mission Rock (Seawall Lot 337/Pier 48). Prepared for the City and County of San Francisco Planning Department. July. San Francisco, CA.

**Table 14. Emergency Generator Details**

Stationary Combustion Source and Location	Fuel	Number of generators	Horsepower /generator	Hours/year/generator
Emergency generators – Area 1	Diesel	2	2,000	50
Emergency generators – Area 2	Diesel	2	2,000	50
Emergency generators – Area 3	Diesel	2	2,000	50
Emergency generators – Area 4	Diesel	2	2,000	50
Pier 48	Diesel	2	2,000	50

**Sources:**

1. Kirk, Alison. Senior Environmental Planner. Bay Area Air Quality Management District. August 31, 2016—email communication with ICF.
2. Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF.



**Table 15. Brewery Operation Activity Data and Emission Factors**

Process	Activity Data	VOC Emission Factor	VOC Emission Factor Unit
Brew kettle	550,000 bbl/yr	0.64	lbs/1,000 bbl
Aging tank	525,000 bbl/yr	0.57	lbs/1,000 bbl
Bottle filling line	300,000 bbl/yr	17	lbs/1,000 bbl
Can filling line	100,000 bbl/yr	14	lbs/1,000 bbl
Fermenter venting: closed fermenter	250,000 bbl/yr	2.0	lbs/1,000 bbl
Hot wort settling tank	550,000 bbl/yr	0.075	lbs/1,000 bbl
Keg filling line	100,000 bbl/yr	0.69	lbs/1,000 bbl
Lauter tun	550,000 bbl/yr	0.0055	lbs/1,000 bbl
Mash tun	550,000 bbl/yr	0.054	lbs/1,000 bbl
Trub vessel	5,000 bbl/yr	0.25	lbs/1,000 bbl
Bottle crusher with water sprays	50 batches crushed/yr	0.13	lbs/batch

Sources:

1. Knorpp, Jon. San Francisco Giants. June 1, 2016—email communication with ICF.
2. United States Environmental Protection Agency. 1996. Emissions Factors and AP 42, Compilation of Air Pollutant Emission Factors. 9.12.1 Malt Beverages. Available: <<https://www3.epa.gov/ttnchie1/ap42/>>. Accessed: February 29, 2016.

Abbreviations:

bbl/yr = barrels per year

bbl = barrels

lbs = pounds

VOC = volatile organic compounds

**Table 16. General AERMOD Inputs**

Field Name	Input
Output Type	Concentration
Pollutant	PM10 (for DPM) and PM2.5 (for PM2.5)
Averaging Time	Annual
Dispersion Coefficient	Urban
Terrain Height Option	Elevated
Receptor Elevations	AERMAP data <sup>a</sup>
Met Data	Mission Bay monitoring site data
Include building wake effects in the analysis?	Yes
Population of the Urban Area	852,469 <sup>b</sup>

Source:

United States Census Bureau. 2016. QuickFacts San Francisco City, California. Available: <<http://www.census.gov/quickfacts/table/PST045215/0667000,00>>. Accessed: March 10, 2016.

Notes:

- a. AERMAP is the terrain pre-processor for AERMOD.
- b. Based on the 2015 population for the City of San Francisco, according to the United States Census Bureau (2016)

Abbreviations:

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

DPM = diesel particulate matter

AERMAP = AMS/EPA Regulatory Model Improvement Committee (AERMIC) MODEL

AERMOD = AMS/EPA Regulatory Model Improvement Committee (AERMIC) MODEL

**Table 17. Summary of the HRA Construction Scenarios**

Area and Phase	Start Date	End Date	Fraction of Emissions by construction scenario	
			Scenario 1 <sup>a</sup>	Scenario 2 <sup>a</sup>
<b>Area 1 (Building A, G, K, China Basin Park, Pier 48)</b>	<b>4/1/2017</b>	<b>3/31/2020</b>	<b>100%</b>	<b>0%</b>
Demo + Rough Grade	4/3/2017	6/23/2017	100%	0%
Infrastructure	6/26/2017	6/22/2018	100%	0%
Foundations + Buildings	1/8/2018	3/27/2020	100%	0%
Paving + Landscape	12/9/2019	4/1/2020	100%	0%
<b>Area 2 (Buildings B, C, and D)</b>	<b>4/3/2018</b>	<b>4/1/2021</b>	<b>100%</b>	<b>33%</b>
Demo + Rough Grade	4/3/2018	6/25/2018	100%	0%
Infrastructure	6/26/2018	6/24/2019	100%	0%
Foundations + Buildings	1/8/2019	9/28/2020	100%	28%
Paving + Landscape	6/9/2020	4/1/2021	100%	100%
<b>Area 3 (Buildings E and F, Mission Rock Square, Underground Parking)</b>	<b>4/3/2019</b>	<b>4/1/2022</b>	<b>100%</b>	<b>67%</b>
Demo + Rough Grade	4/3/2019	6/25/2019	100%	0%
Infrastructure	6/26/2019	6/23/2020	100%	23%
Foundations + Buildings	1/8/2020	12/7/2021	100%	88%
Paving + Landscape	8/18/2021	4/1/2022	100%	100%
<b>Area 4 (Buildings H, I and J, Channel Plaza)</b>	<b>4/2/2020</b>	<b>4/5/2023</b>	<b>100%</b>	<b>100%</b>
Demo + Rough Grade	4/2/2020	6/24/2020	100%	100%
Infrastructure	6/25/2020	6/23/2021	100%	100%
Foundations + Buildings	1/7/2021	3/29/2023	100%	100%
Paving + Landscape	12/8/2022	4/5/2023	100%	100%

Source:

Mesikepp, Sam. Hathaway Dinwiddie Construction Company. November 25, 2015—email communication with ICF.

Notes:

- a. Scenario 1 considers exposure of total construction emissions to existing offsite receptors. Scenario 2 evaluates exposure of applicable construction emissions to new onsite receptors. See Chapter 2, **Background Information**, for more detail on receptors included in the analysis.

**Table 18. Key Factors Used in the Health Risk Assessment of Residential Receptors**

Health Risk Factor <sup>a</sup>	Age Group				
	3rd Trimester	0–2 years	2–9 years	2–16 years	16–30 years
<u>Construction Exposure Duration (years)</u>					
Construction Scenario 1 <sup>b</sup>	0.25	2	3.75	-	-
Construction Scenario 2 <sup>c</sup>	0.25	2	0.75	-	-
Age Sensitivity Factors (unitless)	10	10	3	3	1
Averaging Time (days)	25,550	25,550	25,550	25,550	25,550
<u>Operational Exposure Duration (years)<sup>d</sup></u>					
Operational Scenario 1	0.25	2	-	14	-
Operational Scenario 2 (Offsite) <sup>e</sup>	-	-	-	10	14
Operational Scenario 2 (Onsite) <sup>f</sup>	-	-	-	13	14
Breathing Rates (L/kg-day) <sup>g</sup>	361	1090	631	572	261
Fraction of Time at Home (unitless) <sup>h</sup>	1.0	1.0	1.0	1.0	0.73
Exposure Frequency (unitless), days/365 days <sup>i</sup>	0.96	0.96	0.96	0.96	0.96

Source:

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](http://oehha.ca.gov/air/hot_spots/hotspots2015.html)>. Accessed: August 11, 2015

Notes:

- a. Unless otherwise specified, values are from OEHHA 2015.
- b. Under Scenario 1, construction activities would occur from 4/2017 to 4/2023 (6 years total). The analysis assumed exposure beginning at the youngest possible age (3<sup>rd</sup> trimester) to ensure an assessment of worst-case health risks.
- c. Under Scenario 2, construction activities occur from 4/2020 to 4/2023 (3 years total) for exposure of onsite receptors to construction of Areas 2, 3, and 4.
- d. OEHHA recommends risk to be analyzed for a 30-year exposure duration for a lifetime residency
- e. After exposure to 6 years of construction, offsite residential receptors would be exposed to 24 years of operational emissions (10 + 14).
- f. After exposure to 3 years of construction, onsite residential receptors would be exposed to 27 years of operational emissions (13 + 14).
- g. 3<sup>rd</sup> trimester and 0<2 year age groups based on OEHHA (2015), Table 5.6, *Point Estimates of Residential Daily Breathing Rates (95th percentile)*. All other age groups based on OEHHA (2015), Table 5.7, *Daily Breathing Rate Distributions by Age Group for Residential Stochastic Analysis (80th percentile)*. For pregnant women, OEHHA recommends using the mean and 95th percentile 8-hour breathing rates based on moderate intensity activity of 16<30 year-olds for 3<sup>rd</sup> trimester.
- h. Based on Table OEHHA (2015), Table 8.4, *Recommendations for Fraction of Time at Home (FAH) for Evaluating Residential Cancer Risk*. OEHHA advises using FAH = 1 for age groups >16 years if a school is within the 1×10<sup>-6</sup> (or greater) cancer risk isopleth.
- i. Assumes 350 days/year, 24 hours/day. Based on OEHHA (2015), Equation 5.4.1.1.

Abbreviations:

L/kg-day: liters per kilogram of body weight per day

OEHHA = Office of Environmental Health Hazard Assessment

**Table 19. Uncontrolled Average Daily Construction Emissions by Category**

Year	Category <sup>a</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Exhaust	PM2.5 Exhaust
2017	Off-road Equipment	1.5	16.9	0.7	0.7
	On-road Truck Travel	0.2	5.1	<0.1	<0.1
	On-road Truck Idling	<0.1	0.2	<0.1	<0.1
	Worker Commute	0.3	0.5	<0.1	<0.1
	Fugitive ROG	0.0	0.0	0.0	0.0
	<i>Total</i>	<i>2.0</i>	<i>22.7</i>	<i>0.8</i>	<i>0.7</i>
2018	Off-road Equipment	11.6	107.1	5.1	4.9
	On-road Truck Travel	0.3	10.2	<0.1	<0.1
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	Worker Commute	3.4	6.3	0.1	0.1
	Fugitive ROG	21.9	0.0	0.0	0.0
	<i>Total</i>	<i>37.3</i>	<i>123.9</i>	<i>5.3</i>	<i>5.1</i>
2019	Off-road Equipment	14.7	130.1	6.3	6.0
	On-road Truck Travel	0.4	14.2	<0.1	<0.1
	On-road Truck Idling	<0.1	0.4	<0.1	<0.1
	Worker Commute	6.0	11.1	0.2	0.2
	Fugitive ROG	44.4	0.0	0.0	0.0
	<i>Total</i>	<i>65.6</i>	<i>155.8</i>	<i>6.6</i>	<i>6.3</i>
2020	Off-road Equipment	11.3	98.6	4.7	4.5
	On-road Truck Travel	0.6	19.7	<0.1	<0.1
	On-road Truck Idling	<0.1	0.6	<0.1	<0.1
	Worker Commute	4.3	8.0	0.2	0.2
	Fugitive ROG	33.9	0.0	0.0	0.0
	<i>Total</i>	<i>50.2</i>	<i>126.9</i>	<i>4.9</i>	<i>4.7</i>
2021	Off-road Equipment	6.2	50.9	2.3	2.2
	On-road Truck Travel	0.4	13.1	<0.1	<0.1
	On-road Truck Idling	<0.1	0.4	<0.1	<0.1
	Worker Commute	2.5	4.6	0.1	0.1
	Fugitive ROG	25.1	0.0	0.0	0.0
	<i>Total</i>	<i>34.2</i>	<i>69.1</i>	<i>2.5</i>	<i>2.4</i>
2022	Off-road Equipment	2.4	18.0	0.8	0.8
	On-road Truck Travel	<0.1	3.1	<0.1	<0.1
	On-road Truck Idling	<0.1	<0.1	<0.1	<0.1
	Worker Commute	1.3	2.3	<0.1	<0.1
	Fugitive ROG	14.1	0.0	0.0	0.0
	<i>Total</i>	<i>17.8</i>	<i>23.5</i>	<i>0.9</i>	<i>0.9</i>

Year	Category <sup>a</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Exhaust	PM2.5 Exhaust
2023	Off-road Equipment	0.6	4.1	0.2	0.2
	On-road Truck Travel	<0.1	1.1	<0.1	<0.1
	On-road Truck Idling	<0.1	<0.1	<0.1	<0.1
	Worker Commute	0.3	0.6	<0.1	<0.1
	Fugitive ROG	3.4	0.0	0.0	0.0
	<i>Total</i>	<i>4.4</i>	<i>5.8</i>	<i>0.2</i>	<i>0.2</i>

Source:

ENVIRON International Corporation and the California Air Districts. 2013. CalEEMod User’s Guide. Version 2013.2. Appendix A: Calculation Details for CalEEMod. Prepared for the California Air Pollution Control Officers Association. July. Available: <<http://www.aqmd.gov/docs/default-source/caleemod/caleemod-appendixa.pdf?sfvrsn=2>>. Accessed: October 12, 2015.

Notes:

a. Categories defined as follows:

Off-road Equipment = Operating emissions from heavy-duty equipment, such as bulldozer, cranes, and excavators. Refer to Table 3 for equipment activity assumptions. Emissions were modeled using CalEEMod.

On-road Truck Travel = Operating emissions from heavy-duty on-road trucks. Refer to Table 6 for vehicle activity assumptions. Emissions were modeled using emission factors from EMFAC2014.

On-road Truck Idling = Idling emissions from heavy-duty on-road trucks. The analysis assumed that each truck would idle 5 minutes while unloading soil or material on the project site. Emissions were modeled using idling emission factors from EMFAC2011-HD.

Worker Commute = Operating emission from employee vehicles. Refer to Table 6 vehicle activity assumptions. Emissions were modeled using CalEEMod.

Fugitive ROG = Fugitive ROG emissions from the asphalt paving and the application of architectural coatings. Refer to Section 3.2.1.6, *Asphalt Paving*, for a summary of paving assumptions and Table 8 for a summary of architectural coating assumptions. Paving emissions were modeled using emission factors from the CalEEMod User Guide, where ROG = acres paved \* 2.62 pounds ROG/acre paved (ENVIRON 2013). Architectural coating emissions were modeled using CalEEMod.

Abbreviations:

CalEEMod = **C**ALifornia **E**missions **E**stimator **M**ODEl

ROG = reactive organic gases

NO<sub>x</sub> =nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds

**Table 20. Summarized Uncontrolled Average Daily Construction Emissions by Year**

Year	Average Daily Emissions (lbs/day)			
	ROG	NO <sub>x</sub>	PM10 Exhaust	PM2.5 Exhaust
2017	2.0	22.7	0.8	0.7
2018	37.3	123.9	5.3	5.1
2019	65.6	155.8	6.6	6.3
2020	50.2	126.9	4.9	4.7
2021	34.2	69.1	2.5	2.4
2022	17.8	23.5	0.9	0.9
2023	4.4	5.8	0.2	0.2

Source:

Refer to Table 19.

Abbreviations:

ROG = reactive organic gases

NO<sub>x</sub> = nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds

**Table 21. Controlled<sup>a</sup> Average Daily Construction Emissions by Category**

Year	Category <sup>b</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Exhaust	PM2.5 Exhaust
2017	Off-road Equipment	0.3	6.0	<0.1	<0.1
	On-road Truck Travel	<0.1	1.7	<0.1	<0.1
	On-road Truck Idling	<0.1	0.1	<0.1	<0.1
	Worker Commute	0.3	0.5	<0.1	<0.1
	Fugitive ROG	0.0	0.0	0.0	0.0
	<i>Total</i>	<i>0.7</i>	<i>8.4</i>	<i>&lt;0.1</i>	<i>&lt;0.1</i>
2018	Off-road Equipment	3.1	52.6	0.8	0.8
	On-road Truck Travel	0.2	3.8	<0.1	<0.1
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	Worker Commute	3.4	6.3	0.1	0.1
	Fugitive ROG	4.2	0.0	0.0	0.0
	<i>Total</i>	<i>10.9</i>	<i>63.0</i>	<i>1.0</i>	<i>1.0</i>
2019	Off-road Equipment	3.8	73.5	1.1	1.1
	On-road Truck Travel	0.2	5.5	<0.1	<0.1
	On-road Truck Idling	<0.1	0.4	<0.1	<0.1
	Worker Commute	6.0	11.1	0.2	0.2
	Fugitive ROG	8.4	0.0	0.0	0.0
	<i>Total</i>	<i>18.5</i>	<i>90.5</i>	<i>1.3</i>	<i>1.3</i>
2020	Off-road Equipment	3.5	63.7	1.0	1.0
	On-road Truck Travel	0.4	8.2	<0.1	<0.1
	On-road Truck Idling	<0.1	0.6	<0.1	<0.1
	Worker Commute	4.3	8.0	0.2	0.2
	Fugitive ROG	6.4	0.0	0.0	0.0
	<i>Total</i>	<i>14.8</i>	<i>80.4</i>	<i>1.2</i>	<i>1.2</i>
2021	Off-road Equipment	1.8	41.0	0.5	0.5
	On-road Truck Travel	0.3	5.8	<0.1	<0.1
	On-road Truck Idling	<0.1	0.4	<0.1	<0.1
	Worker Commute	2.5	4.6	0.1	0.1
	Fugitive ROG	4.8	0.0	0.0	0.0
	<i>Total</i>	<i>9.4</i>	<i>51.7</i>	<i>0.7</i>	<i>0.6</i>
2022	Off-road Equipment	0.6	15.6	0.2	0.2
	On-road Truck Travel	<0.1	1.4	<0.1	<0.1
	On-road Truck Idling	<0.1	<0.1	<0.1	<0.1
	Worker Commute	1.3	2.3	<0.1	<0.1
	Fugitive ROG	2.7	0.0	0.0	0.0
	<i>Total</i>	<i>4.6</i>	<i>19.4</i>	<i>0.3</i>	<i>0.2</i>
2023	Off-road Equipment	0.2	3.9	<0.1	<0.1
	On-road Truck Travel	<0.1	0.5	<0.1	<0.1
	On-road Truck Idling	<0.1	<0.1	<0.1	<0.1
	Worker Commute	0.3	0.6	<0.1	<0.1
	Fugitive ROG	0.6	0.0	0.0	0.0
	<i>Total</i>	<i>1.2</i>	<i>5.1</i>	<i>&lt;0.1</i>	<i>&lt;0.1</i>



Source:

ENVIRON International Corporation and the California Air Districts. 2013. CalEEMod User's Guide. Version 2013.2. Appendix A: Calculation Details for CalEEMod. Prepared for the California Air Pollution Control Officers Association. July. Available: <<http://www.aqmd.gov/docs/default-source/caleemod/caleemod-appendixa.pdf?sfvrsn=2>>. Accessed: October 12, 2015.

Notes:

- a. Controlled emissions assume all off-road equipment and all construction diesel generators have a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), 90% of all architectural coatings have a maximum of 10 grams of volatile organic compounds per liter (Measure AQ-1.3), and all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4).
- b. Categories defined as follows:
  - Off-road Equipment = Operating emissions from heavy-duty equipment, such as bulldozer, cranes, and excavators. Refer to Table 4 for equipment activity assumptions. Emissions were modeled using CalEEMod.
  - On-road Truck Travel = Operating emissions from heavy-duty on-road trucks. Refer to Table 6 for vehicle activity assumptions. Emissions were modeled using emission factors from EMFAC2014.
  - On-road Truck Idling = Idling emissions from heavy-duty on-road trucks. The analysis assumed that each truck would idle 5 minutes while unloading soil or material on the project site. Emissions were modeled using idling emission factors from EMFAC2011-HD.
  - Worker Commute = Operating emission from employee vehicles. Refer to Table 6 vehicle activity assumptions. Emissions were modeled using CalEEMod.
  - Fugitive ROG = Fugitive ROG emissions from the asphalt paving and the application of architectural coatings. Refer to Section 3.2.1.7 of the Air Quality Technical Report for a summary of paving assumptions and Table 8 for a summary of architectural coating assumptions. Paving emissions were modeled using emission factors from the CalEEMod User Guide, where  $ROG = \text{acres paved} * 2.62$  pounds ROG/acre paved (ENVIRON 2013). Architectural coating emissions were modeled using CalEEMod.

Abbreviations:

ROG = reactive organic gases

NO<sub>x</sub> = nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds

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**Table 22. Summarized Controlled<sup>a</sup> Average Daily Construction Emissions by Year**

Year	Average Daily Emissions (lbs/day)			
	ROG	NO <sub>x</sub>	PM10 Exhaust	PM2.5 Exhaust
2017	0.7	8.4	<0.1	<0.1
2018	10.9	63.0	1.0	1.0
2019	18.5	90.5	1.3	1.3
2020	14.8	80.4	1.2	1.2
2021	9.4	51.7	0.7	0.6
2022	4.6	19.4	0.3	0.2
2023	1.2	5.1	<0.1	<0.1

Source:

Refer to Table 21.

Notes:

- <sup>a</sup>. Controlled emissions assume all off-road equipment and all construction diesel generators have a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), 90% of all architectural coatings have a maximum of 10 grams of volatile organic compounds per liter (Measure AQ-1.3), and all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4).

Abbreviations:

ROG = reactive organic gases

NO<sub>x</sub> = nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds

**Table 23. Uncontrolled Average Daily Operational Emissions by Category for Assumption A<sup>a</sup>**

Year	Category <sup>b</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
2020	Area	20.2	0.2	0.1	0.1
	Energy	0.4	3.4	0.3	0.3
	Mobile	7.8	5.7	7.4	2.2
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.3	6.1	0.2	0.2
	On-road Truck Travel	0.5	9.2	1.4	0.5
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<b>Total</b>	<b>50.6</b>	<b>24.9</b>	<b>9.4</b>	<b>3.2</b>
2021	Area	49.2	0.4	0.2	0.2
	Energy	0.6	5.5	0.4	0.4
	Mobile	15.6	13.0	18.4	5.4
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.5	9.1	0.3	0.3
	On-road Truck Travel	0.8	12.2	2.9	1.0
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<b>Total</b>	<b>88.1</b>	<b>40.4</b>	<b>22.2</b>	<b>7.2</b>
2022	Area	61.7	0.5	0.2	0.2
	Energy	0.7	6.7	0.5	0.5
	Mobile	18.9	15.4	21.9	6.5
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.6	12.2	0.4	0.4
	On-road Truck Travel	0.9	13.2	3.6	1.2
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<b>Total</b>	<b>104.3</b>	<b>48.3</b>	<b>26.6</b>	<b>8.8</b>
2023	Area	69.9	0.5	0.2	0.2
	Energy	1.0	8.7	0.7	0.7
	Mobile	24.2	19.8	29.2	8.6
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.8	15.2	0.5	0.5
	On-road Truck Travel	1.1	15.4	4.8	1.5
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<b>Total</b>	<b>118.3</b>	<b>59.9</b>	<b>35.3</b>	<b>11.5</b>
2024	Area	69.9	0.5	0.2	0.2
	Energy	1.0	8.7	0.7	0.7
	Mobile	24.2	19.8	29.2	8.6
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.8	15.2	0.5	0.5
	On-road Truck Travel	0.9	13.0	4.7	1.5
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<b>Total</b>	<b>118.1</b>	<b>57.4</b>	<b>35.3</b>	<b>11.5</b>

Year	Category <sup>b</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
<u>Sources:</u>					
1. California Air Resources Board. 2012. Appendix B: Emissions Estimation Methodology for Commercial Harbor Craft Operating in California. Available: < <a href="http://www.arb.ca.gov/msei/chc-appendix-b-emission-estimates-ver02-27-2012.pdf">http://www.arb.ca.gov/msei/chc-appendix-b-emission-estimates-ver02-27-2012.pdf</a> >.					
2. Fehr & Peers. 2016. Screencheck Draft - Transportation Impact Study: Mission Rock (Seawall Lot 337/Pier 48). Prepared for the City and County of San Francisco Planning Department. July. San Francisco, CA.					
3. United States Environmental Protection Agency. 1996. Emissions Factors and AP 42, Compilation of Air Pollutant Emission Factors. 9.12.1 Malt Beverages. Available: < <a href="https://www3.epa.gov/ttnchie1/ap42/">https://www3.epa.gov/ttnchie1/ap42/</a> >. Accessed: February 29, 2016.					
<u>Notes:</u>					
a. Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption A is the High Commercial Assumption and assumes more commercial square footage and fewer residential units than Assumption B (High Residential Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.					
b. Categories defined as follows:					
Area = Emissions from landscaping equipment, consumer products, and natural gas fireplaces. Refer to Tables 1 and 9 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.					
Energy = Emissions from natural gas combustion for space heating and cooking. Refer to Tables 1 and 9 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.					
Mobile = Operating emissions from daily resident and commercial truck trips. Refer to Table 10 for the daily vehicle trips by land use type. The trip rates were provided by the <i>Screencheck Draft-Transportation Impact Study</i> prepared by the transportation consultants, Fehr & Peers (2016). Emission from resident trips were estimated using CalEEMod; emissions from commercial truck trips were estimated using emission factors from EMFAC2014.					
Brewery = Operating emissions from brewing activities. Refer to Table 15 for brewery activity data assumed in the modeling. Emissions were modeled using CalEEMod and emission factors from EMFAC2014.					
Generators = Operating emissions from diesel-powered emergency generators. Refer to Table 13 for operating assumptions for the emergency generators. Emissions were modeled using CalEEMod.					
On-road Truck Travel = Operating emissions from haul trucks used for deliveries to the Pier 48 brewery. The analysis assumed 38 daily haul truck trips. Emissions were estimated using emission factors from EMFAC2014.					
On-road Truck Idling = Idling emissions from haul trucks used for deliveries to the Pier 48 brewery. The analysis assumed that each truck would idle 5 minutes while unloading materials at the brewery. Emissions were estimated using idling emission factors from EMFAC2011-HD.					
<u>Abbreviations:</u>					
ROG = reactive organic gases					
NO <sub>x</sub> = nitrogen oxides					
PM10 = particulate matter less than or equal to 10 microns in diameter					
PM2.5 = particulate matter less than or equal to 2.5 microns in diameter					
lbs = pounds					

**Table 24. Uncontrolled Average Daily Operational Emissions by Category for Assumption B<sup>a</sup>**

Year	Category <sup>b</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
2020	Area	20.2	0.2	0.1	0.1
	Energy	0.4	3.5	0.3	0.3
	Mobile	7.7	5.7	7.4	2.2
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.3	6.1	0.2	0.2
	On-road Truck Travel	0.5	9.2	1.4	0.5
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<b>Total</b>	<b>50.4</b>	<b>25.0</b>	<b>9.4</b>	<b>3.2</b>
2021	Area	49.2	0.4	0.2	0.2
	Energy	0.6	5.5	0.4	0.4
	Mobile	15.3	13.0	18.3	5.4
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.5	9.1	0.3	0.3
	On-road Truck Travel	0.8	12.2	2.9	1.0
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<b>Total</b>	<b>87.8</b>	<b>40.4</b>	<b>22.1</b>	<b>7.2</b>
2022	Area	61.7	0.5	0.2	0.2
	Energy	0.8	6.8	0.5	0.5
	Mobile	18.6	15.3	21.9	6.4
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.6	12.2	0.4	0.4
	On-road Truck Travel	0.9	13.2	3.6	1.2
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<b>Total</b>	<b>104.0</b>	<b>48.3</b>	<b>26.6</b>	<b>8.8</b>
2023	Area	73.6	0.7	0.4	0.4
	Energy	0.9	8.0	0.6	0.6
	Mobile	22.4	17.2	24.3	7.2
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.8	15.2	0.5	0.5
	On-road Truck Travel	1.0	14.2	4.1	1.3
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<b>Total</b>	<b>120.0</b>	<b>55.6</b>	<b>29.9</b>	<b>10.0</b>
2024	Area	73.6	0.7	0.4	0.4
	Energy	0.9	8.0	0.6	0.6
	Mobile	22.4	17.2	24.3	7.2
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.8	15.2	0.5	0.5
	On-road Truck Travel	0.8	11.8	4.1	1.3
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<b>Total</b>	<b>119.9</b>	<b>53.2</b>	<b>29.9</b>	<b>9.9</b>

Year	Category <sup>b</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total

Sources:

1. California Air Resources Board. 2012. Appendix B: Emissions Estimation Methodology for Commercial Harbor Craft Operating in California. Available: <<http://www.arb.ca.gov/msei/chc-appendix-b-emission-estimates-ver02-27-2012.pdf>>.
2. Fehr & Peers. 2016. Screencheck Draft - Transportation Impact Study: Mission Rock (Seawall Lot 337/Pier 48). Prepared for the City and County of San Francisco Planning Department. July. San Francisco, CA.
3. United States Environmental Protection Agency. 1996. Emissions Factors and AP 42, Compilation of Air Pollutant Emission Factors. 9.12.1 Malt Beverages. Available: <<https://www3.epa.gov/ttnchie1/ap42/>>. Accessed: February 29, 2016.

Notes:

- a. Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption B is the High Residential Assumption and assumes more residential units and less commercial square footage than Assumption A (High Commercial Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.
- b. Categories defined as follows:
  - Area = Emissions from landscaping equipment, consumer products, and natural gas fireplaces. Refer to Tables 1 and 9 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.
  - Energy = Emissions from natural gas combustion for space heating and cooking. Refer to Tables 1 and 9 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.
  - Mobile = Operating emissions from daily resident and commercial truck trips. Refer to Table 10 for the daily vehicle trips by land use type. The trip rates were provided by the *Screencheck Draft-Transportation Impact Study* prepared by the transportation consultants, Fehr & Peers (2016). Emission from resident trips were estimated using CalEEMod; emissions from commercial truck trips were estimated using emission factors from EMFAC2014.
  - Brewery = Operating emissions from brewing activities. Refer to Table 15 for brewery activity data assumed in the modeling. Emissions were modeled using CalEEMod and emission factors from EMFAC2014.
  - Generators = Operating emissions from diesel-powered emergency generators. Refer to Table 13 for operating assumptions for the emergency generators. Emissions were modeled using CalEEMod.
  - On-road Truck Travel = Operating emissions from haul trucks used for deliveries to the Pier 48 brewery. The analysis assumed 38 daily haul truck trips. Emissions were estimated using emission factors from EMFAC2014.
  - On-road Truck Idling = Idling emissions from haul trucks used for deliveries to the Pier 48 brewery. The analysis assumed that each truck would idle 5 minutes while unloading materials at the brewery. Emissions were estimated using idling emission factors from EMFAC2011-HD.

Abbreviations:

- ROG = reactive organic gases
- NO<sub>x</sub> = nitrogen oxides
- PM10 = particulate matter less than or equal to 10 microns in diameter
- PM2.5 = particulate matter less than or equal to 2.5 microns in diameter
- lbs = pounds

**Table 25. Summarized Uncontrolled Average Daily Operational Emissions by Year for Assumption A<sup>a</sup>**

Year	Average Daily Emissions (lbs/day)			
	ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
2017	0.0	0.0	0.0	0.0
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	50.6	24.9	9.4	3.2
2021	88.1	40.4	22.2	7.2
2022	104.3	48.3	26.6	8.8
2023	118.3	59.9	35.3	11.5
2024	118.1	57.4	35.3	11.5

Source:

Refer to Table 23.

Notes:

- a. Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption A is the High Commercial Assumption and assumes more commercial square footage and fewer residential units than Assumption B (High Residential Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.

Abbreviations:

ROG = reactive organic gases

NO<sub>x</sub> = nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds

**Table 26. Summarized Uncontrolled Average Daily Operational Emissions by Year for Assumption B<sup>a</sup>**

	Average Daily Emissions (lbs/day)			
	ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
2017	0.0	0.0	0.0	0.0
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	50.4	25.0	9.4	3.2
2021	87.8	40.4	22.1	7.2
2022	104.0	48.3	26.6	8.8
2023	120.0	55.6	29.9	10.0
2024	119.9	53.2	29.9	9.9

Source:

Refer to Table 24.

Notes:

- a. Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption B is the High Residential Assumption and assumes more residential units and less commercial square footage than Assumption A (High Commercial Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.

Abbreviations:

ROG = reactive organic gases

NO<sub>x</sub> = nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds



**Table 27. Controlled<sup>a</sup> Average Daily Operational Emissions by Category for Assumption A<sup>b</sup>**

Year	Category <sup>c</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
2020	Area	17.3	0.2	0.1	0.1
	Energy	0.4	3.2	0.2	0.2
	Mobile	6.2	4.6	5.9	1.7
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.3	6.1	<0.1	<0.1
	On-road Truck Travel	0.5	9.2	1.4	0.5
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<i>Total</i>	<i>46.1</i>	<i>23.6</i>	<i>7.7</i>	<i>2.6</i>
2021	Area	44.1	0.4	0.2	0.2
	Energy	0.6	5.0	0.4	0.4
	Mobile	12.5	10.4	14.7	4.3
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.5	9.1	<0.1	<0.1
	On-road Truck Travel	0.7	11.9	2.9	0.9
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<i>Total</i>	<i>79.8</i>	<i>37.1</i>	<i>18.2</i>	<i>5.9</i>
2022	Area	55.2	0.5	0.2	0.2
	Energy	0.7	6.2	0.5	0.5
	Mobile	15.1	12.3	17.5	5.2
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.6	12.2	<0.1	<0.1
	On-road Truck Travel	0.9	13.0	3.6	1.2
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<i>Total</i>	<i>93.9</i>	<i>44.4</i>	<i>21.9</i>	<i>7.1</i>
2023	Area	62.3	0.5	0.2	0.2
	Energy	0.9	7.9	0.6	0.6
	Mobile	19.3	15.9	23.3	6.9
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.8	15.2	<0.1	<0.1
	On-road Truck Travel	1.1	15.2	4.8	1.5
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<i>Total</i>	<i>105.8</i>	<i>54.9</i>	<i>29.0</i>	<i>9.3</i>
2024	Area	62.3	0.5	0.2	0.2
	Energy	0.9	7.9	0.6	0.6
	Mobile	19.3	15.9	23.3	6.9
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.8	15.2	<0.1	<0.1
	On-road Truck Travel	0.9	12.7	4.7	1.5
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<i>Total</i>	<i>105.6</i>	<i>52.5</i>	<i>29.0</i>	<i>9.3</i>

Year	Category <sup>c</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
<u>Sources:</u>					
1.	California Air Resources Board. 2012. Appendix B: Emissions Estimation Methodology for Commercial Harbor Craft Operating in California. Available: < <a href="http://www.arb.ca.gov/msei/chc-appendix-b-emission-estimates-ver02-27-2012.pdf">http://www.arb.ca.gov/msei/chc-appendix-b-emission-estimates-ver02-27-2012.pdf</a> >.				
2.	Fehr & Peers. 2016. Screencheck Draft - Transportation Impact Study: Mission Rock (Seawall Lot 337/Pier 48). Prepared for the City and County of San Francisco Planning Department. July. San Francisco, CA.				
3.	United States Environmental Protection Agency. 1996. Emissions Factors and AP 42, Compilation of Air Pollutant Emission Factors. 9.12.1 Malt Beverages. Available: < <a href="https://www3.epa.gov/ttnchie1/ap42/">https://www3.epa.gov/ttnchie1/ap42/</a> >. Accessed: February 29, 2016.				
<u>Notes:</u>					
a.	Controlled emissions assume all emergency generators have model year 2008 or newer engines, consistent with ARB Airborne Toxics Control Measure (ATCM) emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), 90% of all architectural coatings have a maximum of 10 grams of volatile organic compounds per liter (Measure AQ-2.2), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).				
b.	Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption A is the High Commercial Assumption and assumes more commercial square footage and fewer residential units than Assumption B (High Residential Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.				
c.	Categories defined as follows:				
	Area = Emissions from landscaping equipment, consumer products, and natural gas fireplaces. Refer to Tables 1 and 9 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.				
	Energy = Emissions from natural gas combustion for space heating and cooking. Refer to Tables 1 and 9 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.				
	Mobile = Operating emissions from daily resident and commercial truck trips. Refer to Table 10 for the daily vehicle trips by land use type. The trip rates were provided by the <i>Screencheck Draft-Transportation Impact Study</i> prepared by the transportation consultants, Fehr & Peers (2016). Emission from resident trips were estimated using CalEEMod; emissions from commercial truck trips were estimated using emission factors from EMFAC2014.				
	Brewery = Operating emissions from brewing activities. Refer to Table 15 for brewery activity data assumed in the modeling. Emissions were modeled using CalEEMod and emission factors from EMFAC2014.				
	Generators = Operating emissions from diesel-powered emergency generators. Refer to Table 13 for operating assumptions for the emergency generators. Emissions were modeled using CalEEMod.				
	On-road Truck Travel = Operating emissions from haul trucks used for deliveries to the Pier 48 brewery. The analysis assumed 38 daily haul truck trips. Emissions were estimated using emission factors from EMFAC2014.				
	On-road Truck Idling = Idling emissions from haul trucks used for deliveries to the Pier 48 brewery. The analysis assumed that each truck would idle 5 minutes while unloading materials at the brewery. Emissions were estimated using idling emission factors from EMFAC2011-HD.				
<u>Abbreviations:</u>					
	ROG = reactive organic gases				
	NO <sub>x</sub> = nitrogen oxides				
	PM10 = particulate matter less than or equal to 10 microns in diameter				
	PM2.5 = particulate matter less than or equal to 2.5 microns in diameter				
	lbs = pounds				
	VDECS = verified diesel emissions control strategies				

**Table 28. Controlled<sup>a</sup> Average Daily Operational Emissions by Category for Assumption B<sup>b</sup>**

Year	Category <sup>c</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
2020	Area	17.3	0.2	0.1	0.1
	Energy	0.4	3.2	0.2	0.2
	Mobile	6.1	4.5	5.9	1.7
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.3	6.1	<0.1	<0.1
	On-road Truck Travel	0.5	9.2	1.4	0.5
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<i>Total</i>	<i>46.0</i>	<i>23.5</i>	<i>7.7</i>	<i>2.6</i>
2021	Area	44.1	0.4	0.2	0.2
	Energy	0.6	5.0	0.4	0.4
	Mobile	12.3	10.4	14.7	4.3
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.5	9.1	<0.1	<0.1
	On-road Truck Travel	0.7	11.9	2.9	0.9
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<i>Total</i>	<i>79.5</i>	<i>37.1</i>	<i>18.2</i>	<i>5.9</i>
2022	Area	55.3	0.5	0.2	0.2
	Energy	0.7	6.2	0.5	0.5
	Mobile	14.9	12.3	17.5	5.2
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.6	12.2	<0.1	<0.1
	On-road Truck Travel	0.9	13.0	3.6	1.2
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<i>Total</i>	<i>93.8</i>	<i>44.3</i>	<i>21.8</i>	<i>7.1</i>
2023	Area	65.4	0.7	0.4	0.4
	Energy	0.8	7.3	0.6	0.6
	Mobile	17.9	13.8	19.5	5.7
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.8	15.2	<0.1	<0.1
	On-road Truck Travel	1.0	14.0	4.1	1.3
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<i>Total</i>	<i>107.3</i>	<i>51.2</i>	<i>24.6</i>	<i>8.1</i>
2024	Area	65.4	0.7	0.4	0.4
	Energy	0.8	7.3	0.6	0.6
	Mobile	17.9	13.8	19.5	5.7
	Brewery	21.4	0.0	0.0	0.0
	Generators	0.8	15.2	<0.1	<0.1
	On-road Truck Travel	0.8	11.6	4.1	1.3
	On-road Truck Idling	<0.1	0.3	<0.1	<0.1
	<i>Total</i>	<i>107.1</i>	<i>48.8</i>	<i>24.5</i>	<i>8.0</i>

Year	Category <sup>c</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
<b>Sources:</b>					
1. California Air Resources Board. 2012. Appendix B: Emissions Estimation Methodology for Commercial Harbor Craft Operating in California. Available: < <a href="http://www.arb.ca.gov/msei/chc-appendix-b-emission-estimates-ver02-27-2012.pdf">http://www.arb.ca.gov/msei/chc-appendix-b-emission-estimates-ver02-27-2012.pdf</a> >.					
2. Fehr & Peers. 2016. Screencheck Draft - Transportation Impact Study: Mission Rock (Seawall Lot 337/Pier 48). Prepared for the City and County of San Francisco Planning Department. July. San Francisco, CA.					
3. United States Environmental Protection Agency. 1996. Emissions Factors and AP 42, Compilation of Air Pollutant Emission Factors. 9.12.1 Malt Beverages. Available: < <a href="https://www3.epa.gov/ttnchie1/ap42/">https://www3.epa.gov/ttnchie1/ap42/</a> >. Accessed: February 29, 2016.					
<b>Notes:</b>					
a. Controlled emissions assume all emergency generators have model year 2008 or newer engines, consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), 90% of all architectural coatings have a maximum of 10 grams of volatile organic compounds per liter (Measure AQ-2.2), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).					
b. Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption B is the High Residential Assumption and assumes more residential units and less commercial square footage than Assumption A (High Commercial Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.					
c. Categories defined as follows:					
Area = Emissions from landscaping equipment, consumer products, and natural gas fireplaces. Refer to Tables 1 and 9 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.					
Energy = Emissions from natural gas combustion for space heating and cooking. Refer to Tables 1 and 9 for the land use type and sizes assumed in the modeling. Emissions were modeled using CalEEMod.					
Mobile = Operating emissions from daily resident and commercial truck trips. Refer to Table 10 for the daily vehicle trips by land use type. The trip rates were provided by the <i>Screencheck Draft-Transportation Impact Study</i> prepared by the transportation consultants, Fehr & Peers (2016). Emission from resident trips were estimated using CalEEMod; emissions from commercial truck trips were estimated using emission factors from EMFAC2014.					
Brewery = Operating emissions from brewing activities. Refer to Table 15 for brewery activity data assumed in the modeling. Emissions were modeled using CalEEMod and emission factors from EMFAC2014.					
Generators = Operating emissions from diesel-powered emergency generators. Refer to Table 13 for operating assumptions for the emergency generators. Emissions were modeled using CalEEMod.					
On-road Truck Travel = Operating emissions from haul trucks used for deliveries to the Pier 48 brewery. The analysis assumed 38 daily haul truck trips. Emissions were estimated using emission factors from EMFAC2014.					
On-road Truck Idling = Idling emissions from haul trucks used for deliveries to the Pier 48 brewery. The analysis assumed that each truck would idle 5 minutes while unloading materials at the brewery. Emissions were estimated using idling emission factors from EMFAC2011-HD.					
<b>Abbreviations:</b>					
ROG = reactive organic gases					
NO <sub>x</sub> = nitrogen oxides					
PM10 = particulate matter less than or equal to 10 microns in diameter					
PM2.5 = particulate matter less than or equal to 2.5 microns in diameter					
lbs = pounds					

Year	Category <sup>c</sup>	Average Daily Emissions (lbs/day)			
		ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
VDECS = verified diesel emissions control strategies					

**Table 29. Summarized Controlled<sup>a</sup> Average Daily Operational Emissions by Year for Assumption A<sup>b</sup>**

Year	Average Daily Emissions (lbs/day)			
	ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
2017	0.0	0.0	0.0	0.0
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	46.1	23.6	7.7	2.6
2021	79.8	37.1	18.2	5.9
2022	93.9	44.4	21.9	7.1
2023	105.8	54.9	29.0	9.3
2024	105.6	52.5	29.0	9.3

Source:

Refer to Table 27.

Notes:

- a. Controlled emissions assume all emergency generators have model year 2008 or newer engines, consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), 90% of all architectural coatings have a maximum of 10 grams of volatile organic compounds per liter (Measure AQ-2.2), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).
- b. Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption A is the High Commercial Assumption and assumes more commercial square footage and fewer residential units than Assumption B (High Residential Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.

Abbreviations:

ROG = reactive organic gases

NO<sub>x</sub> = nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds

VDECS = verified diesel emissions control strategies

**Table 30. Summarized Controlled<sup>a</sup> Average Daily Operational Emissions by Year for Assumption B<sup>b</sup>**

Year	Average Daily Emissions (lbs/day)			
	ROG	NO <sub>x</sub>	PM10 Total	PM2.5 Total
2017	0.0	0.0	0.0	0.0
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	46.0	23.5	7.7	2.6
2021	79.5	37.1	18.2	5.9
2022	93.8	44.3	21.8	7.1
2023	107.3	51.2	24.6	8.1
2024	107.1	48.8	24.5	8.0

Source:

Refer to Table 28.

Notes:

- a. Controlled emissions assume all emergency generators have model year 2008 or newer engines, consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), 90% of all architectural coatings have a maximum of 10 grams of volatile organic compounds per liter (Measure AQ-2.2), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).
- b. Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption B is the High Residential Assumption and assumes more residential units and less commercial square footage than Assumption A (High Commercial Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.

Abbreviations:

ROG = reactive organic gases

NO<sub>x</sub> = nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds

VDECS = verified diesel emissions control strategies

**Table 31. Summarized Uncontrolled Average Daily Construction plus Operational Emissions by Year for Assumption A<sup>a</sup>**

Year	Average Daily Emissions (lbs/day) <sup>b</sup>							
	ROG	NO <sub>x</sub>	PM10 Exhaust	PM10 Dust <sup>c</sup>	PM10 Total <sup>d</sup>	PM2.5 Exhaust	PM2.5 Dust <sup>c</sup>	PM2.5 Total <sup>d</sup>
2017	2.0	22.7	0.8	0.0	0.8	0.7	0.0	0.7
2018	37.3	123.9	5.3	0.0	5.3	5.1	0.0	5.1
2019	65.6	155.8	6.6	0.0	6.6	6.3	0.0	6.3
2020	100.8	151.8	5.7	8.6	14.3	5.5	2.5	8.0
2021	122.4	109.5	3.8	20.9	24.6	3.6	6.0	9.6
2022	122.1	71.7	2.5	25.0	27.5	2.5	7.2	9.6
2023	122.7	65.7	2.2	33.3	35.5	2.2	9.5	11.7
2024	118.1	57.4	2.0	33.3	35.3	1.9	9.5	11.5

Source:

Refer to Tables 20 and 24.

Notes:

- a. Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption A is the High Commercial Assumption and assumes more commercial square footage and fewer residential units than Assumption B (High Residential Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.
- b. As shown in Tables 1 and 2, construction of Area 1 would occur between 2017 and 2020. It was conservatively assumed that structures would be fully occupied immediately following construction and operational emissions associated with Area 1 would begin in 2021. Accordingly, concurrent construction and operational activities would occur between 2021 and 2023, resulting in higher daily emissions than either component when analyzed separately. This table presents emissions for overlapping construction and operational activities to analyze maximum air quality impacts during concurrent activities.
- c. PM10 and PM2.5 dust only includes dust from operations; construction dust is not included as it is addressed by Construction Dust Control Ordinance (Ordinance 176-08, effective July 30, 2008).
- d. PM10 and PM2.5 total includes exhaust from both construction and operations and dust from operations only.

Abbreviations:

ROG = reactive organic gases

NO<sub>x</sub> = nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds

**Table 32. Summarized Uncontrolled Average Daily Construction plus Operational Emissions by Year for Assumption B<sup>a</sup>**

Year	Average Daily Emissions (lbs/day) <sup>b</sup>							
	ROG	NO <sub>x</sub>	PM10 Exhaust	PM10 Dust <sup>c</sup>	PM10 Total <sup>d</sup>	PM2.5 Exhaust	PM2.5 Dust <sup>c</sup>	PM2.5 Total <sup>d</sup>
2017	2.0	22.7	0.8	0.0	0.8	0.7	0.0	0.7
2018	37.3	123.9	5.3	0.0	5.3	5.1	0.0	5.1
2019	65.6	155.8	6.6	0.0	6.6	6.3	0.0	6.3
2020	100.7	151.8	5.7	8.6	14.3	5.5	2.5	8.0
2021	122.1	109.5	3.8	20.8	24.6	3.6	6.0	9.6
2022	121.8	71.7	2.5	24.9	27.5	2.5	7.1	9.6
2023	124.4	61.5	2.2	27.9	30.1	2.2	8.0	10.2
2024	119.9	53.2	2.0	27.9	29.9	1.9	8.0	9.9

Source:

Refer to Tables 20 and 25.

Notes:

- a. Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption B is the High Residential Assumption and assumes more residential units and less commercial square footage than Assumption A (High Commercial Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.
- b. As shown in Tables 1 and 2, construction of Area 1 would occur between 2017 and 2020. It was conservatively assumed that structures would be fully occupied immediately following construction and operational emissions associated with Area 1 would begin in 2021. Accordingly, concurrent construction and operational activities would occur between 2021 and 2023, resulting in higher daily emissions than either component when analyzed separately. This table presents emissions for overlapping construction and operational activities to analyze maximum air quality impacts during concurrent activities.
- c. PM10 and PM2.5 dust only includes dust from operations; construction dust is not included as it is addressed by Construction Dust Control Ordinance (Ordinance 176-08, effective July 30, 2008).
- d. PM10 and PM2.5 total includes exhaust from both construction and operations and dust from operations only.

Abbreviations:

ROG = reactive organic gases

NO<sub>x</sub> = nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds



**Table 33. Summarized Controlled<sup>a</sup> Average Daily Construction plus Operational Emissions by Year for Assumption A<sup>b</sup>**

Year	Average Daily Emissions (lbs/day) <sup>c</sup>								
	ROG	NO <sub>x</sub>	PM10 Exhaust	PM10 Dust <sup>d</sup>	PM10 Total <sup>e</sup>	PM2.5 Exhaust	PM2.5 Dust <sup>d</sup>	PM2.5 Total <sup>e</sup>	
2017	0.7	8.4	<0.1	0.0		<0.1	<0.1	0.0	<0.1
2018	10.9	63.0	1.0	0.0		1.0	1.0	0.0	1.0
2019	18.5	90.5	1.3	0.0		1.3	1.3	0.0	1.3
2020	60.8	104.0	1.8	7.2		9.0	1.8	2.1	3.8
2021	89.2	88.9	1.6	17.3		18.9	1.6	4.9	6.5
2022	98.6	63.8	1.4	20.7		22.1	1.4	5.9	7.3
2023	107.0	60.0	1.5	27.6		29.1	1.5	7.9	9.4
2024	105.6	52.5	1.4	27.6		29.0	1.4	7.9	9.3

Source:

Refer to Tables 22 and 29.

Notes:

- a. Controlled construction emissions assume all off-road equipment and all construction diesel generators have a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), 90% of all architectural coatings have a maximum of 10 grams of volatile organic compounds per liter (Measure AQ-1.3), and all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4). Controlled operational emissions assume all emergency generators have model year 2008 or newer engines, consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), 90% of all architectural coatings have a maximum of 10 grams of volatile organic compounds per liter (Measure AQ-2.2), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).
- b. Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption A is the High Commercial Assumption and assumes more commercial square footage and fewer residential units than Assumption B (High Residential Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.
- c. As shown in Tables 1 and 2, construction of Area 1 would occur between 2017 and 2020. It was conservatively assumed that structures would be fully occupied immediately following construction and operational emissions associated with Area 1 would begin in 2021. Accordingly, concurrent construction and operational activities would occur between 2021 and 2023, resulting in higher daily emissions than either component when analyzed separately. This table presents emissions for overlapping construction and operational activities to analyze maximum air quality impacts during concurrent activities.
- d. PM10 and PM2.5 dust only includes dust from operations; construction dust is not included as it is addressed by Construction Dust Control Ordinance (Ordinance 176-08, effective July 30, 2008).
- e. PM10 and PM2.5 total includes exhaust from both construction and operations and dust from operations only.

Abbreviations:

ROG = reactive organic gases

NO<sub>x</sub> = nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds

VDECS = verified diesel emissions control strategies

**Table 34. Summarized Controlled<sup>a</sup> Average Daily Construction plus Operational Emissions by Year for Assumption B<sup>b</sup>**

Year	Average Daily Emissions (lbs/day) <sup>c</sup>							
	ROG	NO <sub>x</sub>	PM10 Exhaust	PM10 Dust <sup>d</sup>	PM10 Total <sup>e</sup>	PM2.5 Exhaust	PM2.5 Dust <sup>d</sup>	PM2.5 Total <sup>e</sup>
2017	0.7	8.4	<0.1	0.0	<0.1	<0.1	0.0	<0.1
2018	10.9	63.0	1.0	0.0	1.0	1.0	0.0	1.0
2019	18.5	90.5	1.3	0.0	1.3	1.3	0.0	1.3
2020	60.7	104.0	1.8	7.2	9.0	1.8	2.1	3.8
2021	88.9	88.8	1.6	17.2	18.8	1.6	4.9	6.5
2022	98.4	63.7	1.4	20.7	22.1	1.4	5.9	7.3
2023	108.4	56.3	1.5	23.1	24.7	1.5	6.6	8.1
2024	107.1	48.8	1.4	23.1	24.5	1.4	6.6	8.0

Source:

Refer to Tables 22 and 30.

Notes:

- a. Controlled construction emissions assume all off-road equipment and all construction diesel generators have a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), 90% of all architectural coatings have a maximum of 10 grams of volatile organic compounds per liter (Measure AQ-1.3), and all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4). Controlled operational emissions assume all emergency generators have model year 2008 or newer engines, consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), 90% of all architectural coatings have a maximum of 10 grams of volatile organic compounds per liter (Measure AQ-2.2), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).
- b. Two Land Use Assumptions for Seawall Lot 337 have been identified. Assumption B is the High Residential Assumption and assumes more residential units and less commercial square footage than Assumption A (High Commercial Assumption) would have. Refer to Table 1 for the number of constructed dwelling units and building square footages by assumption.
- c. As shown in Tables 1 and 2, construction of Area 1 would occur between 2017 and 2020. It was conservatively assumed that structures would be fully occupied immediately following construction and operational emissions associated with Area 1 would begin in 2021. Accordingly, concurrent construction and operational activities would occur between 2021 and 2023, resulting in higher daily emissions than either component when analyzed separately. This table presents emissions for overlapping construction and operational activities to analyze maximum air quality impacts during concurrent activities.
- d. PM10 and PM2.5 dust only includes dust from operations; construction dust is not included as it is addressed by Construction Dust Control Ordinance (Ordinance 176-08, effective July 30, 2008).
- e. PM10 and PM2.5 total includes exhaust from both construction and operations and dust from operations only.

Abbreviations:

ROG = reactive organic gases

NO<sub>x</sub> = nitrogen oxides

PM10 = particulate matter less than or equal to 10 microns in diameter

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

lbs = pounds

VDECS = verified diesel emissions control strategies

**Table 35. Modeled PM<sub>2.5</sub> Exhaust Exposure within Study Area for Onsite and Offsite Maximally Impacted Receptors (Existing Conditions - 2014)**

Maximally Impact Receptor Location	UTM		Existing Conditions Annual Average PM <sub>2.5</sub> Exhaust Concentrations (µg/m <sup>3</sup> )
	x	y	
Onsite Receptor	553740	4181180	8.6
Offsite Receptor	553440	4181240	10.0

Source:

City and County of San Francisco Planning Department. 2012. *Citywide Modeling*. November.

Notes:

None

Abbreviations:

UTM: Universal Transverse Mercator

µg/m<sup>3</sup>: microgram per cubic meter

x: eastward-measured distance

y: northward-measured distance

PM<sub>2.5</sub>: particulate matter less than or equal to 2.5 microns in diameter

**Table 36. Modeled Maximum PM2.5 Exhaust Exposure within Study Area (Proposed Project)**

Receptor Location	UTM		Source Category	Maximum Annual Average PM2.5 Exhaust Concentrations (µg/m <sup>3</sup> )
	x	y		
Onsite	553820	4180860	Construction (2018)	2.3
	553940	4181000	Operation (2023)	<0.1
	553820	4180860	Construction + Operation (2018) <sup>a</sup>	2.3
Offsite	553700	4181080	Construction (2019)	0.5
	553980	4180920	Operation (2023)	<0.1
	553980	4180960	Construction + Operation (2021)	0.5

**Sources:**

CalEEMod modeling, AERMOD modeling, EMFAC2011 and EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

**Notes:**

a. The maximum risk from construction plus operation is no greater than the construction risk only.

**Abbreviations:**

UTM = Universal Transverse Mercator

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

x = eastward-measured distance

y = northward-measured distance

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

**Table 37. Modeled Maximum Annual Average PM2.5 Exhaust Exposure within Study Area at Onsite Receptors Not Located in the APEZ during Existing Conditions (2014), but Would Be Located in the APEZ During Existing plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Maximum Annual Average PM2.5 Exhaust Concentrations (µg/m <sup>3</sup> )
	x	y		
Onsite	553820	4180860	Construction (2018)	2.3
	N/A <sup>a</sup>	N/A <sup>a</sup>	Operation	N/A
	553820	4180860	Construction + Operation (2018) <sup>b</sup>	2.3

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

- a. There is no onsite receptor not located in the APEZ during existing conditions (2014), but would be during existing plus proposed project conditions for annual average PM2.5 exhaust exposure.
- b. The maximum risk from construction plus operation is no greater than the construction risk only.

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

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

x = eastward-measured distance

y = northward-measured distance

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

**Table 38. Modeled Maximum Annual Average PM2.5 Exhaust Exposure within Study Area at Offsite Receptors Located in the APEZ during Existing Conditions (2014) and Would Continue to Be Located in the APEZ During Existing plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Maximum Annual Average PM2.5 Exhaust Concentrations ( $\mu\text{g}/\text{m}^3$ )
	x	y		
Offsite	553620	4181180	Construction (2019)	0.1
	553620	4181180	Operation (2023)	<0.1
	553620	4181180	Construction + Operation (2019)	0.1

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

None

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

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

x = eastward-measured distance

y = northward-measured distance

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

**Table 39. Modeled Controlled Maximum Annual Average PM2.5 Exhaust Exposure within Study Area at Onsite Receptors Not Located in the APEZ during Existing Conditions (2014), but Would Be Located in the APEZ During Existing plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Maximum Annual Average PM2.5 Exhaust Concentrations ( $\mu\text{g}/\text{m}^3$ ) <sup>a</sup>
	x	y		
Onsite	553820	4180860	Construction (2018)	0.3
	N/A <sup>b</sup>	N/A <sup>b</sup>	Operation	N/A
	553820	4180860	Construction + Operation (2018) <sup>c</sup>	0.3

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

- a. Controlled emissions assume all off-road equipment and all construction diesel generators have a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4), all emergency generators have model year 2008 or newer engines consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).
- b. There is no onsite receptor not located in the APEZ during existing conditions (2014), but would be during existing plus proposed project conditions for annual average PM2.5 exhaust exposure.
- c. The maximum risk from construction plus operation is no greater than the construction risk only.

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

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

x = eastward-measured distance

y = northward-measured distance

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

**Table 40. Modeled Lifetime Excess Cancer Risk within Study Area for Onsite and Offsite Maximally Impacted Receptors (Existing Conditions - 2014)**

Receptor Location	UTM		Lifetime Excess Cancer Risk (per million)
	x	y	
Onsite	553740	4181200	83.5
Offsite	553440	4181220	232.3

Source:

City and County of San Francisco Planning Department. 2012. *Citywide Modeling*. November.

Notes:

None

Abbreviations:

UTM = Universal Transverse Mercator

x = eastward-measured distance

y = northward-measured distance



**Table 41. Modeled Maximum Lifetime Excess Cancer Risk within Study Area at Maximally Impacted Receptors (Proposed Project)**

Receptor Location	UTM		Source Category	Lifetime Excess Cancer Risk (per million)
	x	y		
Onsite	553860	4181100	Construction	138.0
	553940	4181000	Operation	6.0
	553860	4181100	Construction + Operation	140.5
Offsite	553700	4181040	Construction	108.0
	553920	4180800	Operation	0.9
	553700	4181040	Construction + Operation	108.4

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

None

Abbreviations:

UTM = Universal Transverse Mercator

x = eastward-measured distance

y = northward-measured distance

**Table 42. Modeled Maximum Lifetime Excess Cancer Risk within Study Area at Onsite and Offsite Receptors Not Located in the APEZ during Existing Conditions (2014), but Would Be Located in the APEZ During Existing plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Lifetime Excess Cancer Risk (per million)
	x	y		
Onsite	553860	4181100	Construction	138.0
	N/A <sup>a</sup>	N/A <sup>a</sup>	Operation	N/A
	553860	4181100	Construction + Operation	140.5
Offsite	553700	4181040	Construction	108.0
	553500	4181080	Operation	0.2
	553700	4181040	Construction + Operation	108.4

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

<sup>a</sup>. There is no onsite receptor not located in the APEZ during existing conditions (2014), but would be during existing plus proposed project conditions for operational cancer risk.

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

x = eastward-measured distance

y = northward-measured distance

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

**Table 43. Modeled Maximum Lifetime Excess Cancer Risk within Study Area at Offsite Receptors Located in the APEZ during Existing Conditions (2014) and Would Continue to Be Located in the APEZ During Existing plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Lifetime Excess Cancer Risk (per million)
	x	y		
Offsite	553620	4181180	Construction	24.3
	553620	4181180	Operation	0.3
	553620	4181180	Construction + Operation	24.4

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

None

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

x = eastward-measured distance

y = northward-measured distance

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

**Table 44. Modeled Controlled Maximum Lifetime Excess Cancer Risk within Study Area at Onsite and Offsite Receptors Not Located in the APEZ during Existing Conditions (2014), but Would Be Located in the APEZ During Existing plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Lifetime Excess Cancer Risk (per million) <sup>a</sup>
	x	y		
Onsite	553860	4181100	Construction	24.1
	N/A <sup>b</sup>	N/A <sup>b</sup>	Operation <sup>b</sup>	N/A
	553860	4181100	Construction + Operation	25.9
Offsite	553680	4181140	Construction	8.7
	N/A <sup>b</sup>	N/A <sup>b</sup>	Operation <sup>b</sup>	N/A
	553680	4181140	Construction + Operation	8.8

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

- a. Controlled emissions assume all off-road equipment and all construction diesel generators have a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4), all emergency generators have model year 2008 or newer engines consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).
- b. There is no onsite or offsite receptor not located in the APEZ during existing conditions (2014) but would be located in the APEZ during existing plus proposed project conditions for exposure to controlled operational cancer risk.

Abbreviations:

APEZ = Air Pollutant Exposure Zone  
 UTM = Universal Transverse Mercator  
 x = eastward-measured distance  
 y = northward-measured distance  
 VDECS = verified diesel emissions control strategies

**Table 45. Modeled Controlled Maximum Lifetime Excess Cancer Risk within Study Area at Offsite Receptors Located in the APEZ during Existing Conditions (2014) and Would Continue to Be Located in the APEZ During Existing plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Lifetime Excess Cancer Risk (per million) <sup>a</sup>
	x	y		
Offsite	553620	4181180	Construction	4.0
	553620	4181180	Operation	0.2
	553620	4181180	Construction + Operation	4.0

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

- <sup>a</sup>. Controlled emissions assume all off-road equipment and all construction diesel generators have has a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4), all emergency generators have model year 2008 or newer engines, consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

x = eastward-measured distance

y = northward-measured distance

VDECS = verified diesel emissions control strategies

**Table 46. Modeled PM<sub>2.5</sub> Exhaust Exposure within Study Area for Onsite and Offsite Maximally Impacted Receptors (Future Conditions - 2025)**

Maximally Impact Receptor Location	UTM		Future Annual Average PM <sub>2.5</sub> Exhaust Concentrations (µg/m <sup>3</sup> )
	x	y	
Onsite Receptor	553740	4181180	8.7
Offsite Receptor	553540	4181360	10.5

Source:

City and County of San Francisco Planning Department. 2012. *Citywide Modeling*. November. CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

None

Abbreviations:

UTM = Universal Transverse Mercator

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

x = eastward-measured distance

y = northward-measured distance

PM<sub>2.5</sub> = particulate matter less than or equal to 2.5 microns in diameter

**Table 47. Modeled Maximum Annual Average PM2.5 Exhaust Exposure within Study Area at Onsite Receptors Not Located in the APEZ during Future Conditions (2025), but Would Be Located in the APEZ During Existing plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Maximum Annual Average PM2.5 Exhaust Concentrations ( $\mu\text{g}/\text{m}^3$ )
	x	y		
Onsite	553820	4180860	Construction (2018)	2.3
	N/A <sup>a</sup>	N/A <sup>a</sup>	Operation	N/A
	553820	4180860	Construction + Operation (2018) <sup>b</sup>	2.3

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

- a. There is no onsite receptor not located in the APEZ during existing conditions (2014), but would be during existing plus proposed project conditions for annual average PM2.5 exhaust exposure.
- b. The maximum risk from construction plus operation is no greater than the construction risk only.

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

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

x = eastward-measured distance

y = northward-measured distance

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

**Table 48. Modeled Maximum Annual Average PM2.5 Exhaust Exposure within Study Area at Offsite Receptors Located in the APEZ during Future Conditions (2025) and Would Continue to Be Located in the APEZ During Existing plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Maximum Annual Average PM2.5 Exhaust Concentrations (µg/m <sup>3</sup> )
	x	y		
Offsite	553580	4181180	Construction (2019)	0.1
	553580	4181180	Operation (2023)	<0.1
	553580	4181180	Construction + Operation (2019)	0.1

Source:

City and County of San Francisco Planning Department. 2012. *Citywide Modeling*. November. CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

None

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

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

x = eastward-measured distance

y = northward-measured distance

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter



**Table 49. Modeled Controlled Maximum Annual Average PM2.5 Exhaust Exposure within Study Area at Onsite Receptors Not Located in the APEZ during Future Conditions (2025), but Would Be Located in the APEZ During Existing plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Maximum Annual Average PM2.5 Exhaust Concentrations ( $\mu\text{g}/\text{m}^3$ ) <sup>a</sup>
	x	y		
Onsite	553820	4180860	Construction (2018)	0.3
	N/A <sup>b</sup>	N/A <sup>b</sup>	Operation	N/A
	553820	4180860	Construction + Operation (2018) <sup>c</sup>	0.3

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

- a. Controlled emissions assume all off-road equipment and all construction diesel generators have a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4), all emergency generators have model year 2008 or newer engines, consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).
- b. There is no onsite receptor not located in the APEZ during existing conditions (2014), but would be during existing plus proposed project conditions for annual average PM2.5 exhaust exposure.
- c. The maximum risk from construction plus operation is no greater than the construction risk only.

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

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

x = eastward-measured distance

y = northward-measured distance

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

**Table 50. Modeled Controlled Maximum Annual Average PM2.5 Exhaust Exposure within Study Area at Onsite Receptors during Future Conditions (2025) and Proposed Project Conditions**

Receptor Location	UTM		Source Category	Maximum Annual Average PM2.5 Exhaust Concentrations (µg/m <sup>3</sup> ) <sup>a</sup>
	x	y		
Future (2025)	553760	4180820	Construction (2018)	8.7
	553760	4180820	Operation (2023)	8.7
	553760	4180820	Construction + Operation (2018)	8.7
Proposed Project	553760	4180820	Construction (2018)	0.2
	553760	4180820	Operation (2023)	<0.1
	553760	4180820	Construction + Operation (2018)	0.2
Future (2025) + Proposed Project	553760	4180820	Construction (2018)	8.9
	553760	4180820	Operation (2023)	8.7
	553760	4180820	Construction + Operation (2018)	8.9

Source:

City and County of San Francisco Planning Department. 2012. *Citywide Modeling*. November. CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

- a. Controlled emissions assume all off-road equipment and all construction diesel generators have a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4), all emergency generators have model year 2008 or newer engines, consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

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

x = eastward-measured distance

y = northward-measured distance

PM2.5 = particulate matter less than or equal to 2.5 microns in diameter

VDECS = verified diesel emissions control strategies

**Table 51. Modeled Lifetime Excess Cancer Risk within Study Area for Onsite and Offsite Maximally Impacted Receptors (Future Conditions - 2025)**

Receptor Location	UTM		Lifetime Excess Cancer Risk (per million)
	x	y	
Onsite	553740	4181200	62.2
Offsite	553480	4181280	130.6

Source:

City and County of San Francisco Planning Department. 2012. *Citywide Modeling*. November. CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

None

Abbreviations:

UTM = Universal Transverse Mercator

x = eastward-measured distance

y = northward-measured distance

**Table 52. Modeled Maximum Lifetime Excess Cancer Risk within Study Area at Onsite and Offsite Receptors Not Located in the APEZ during Future Conditions (2025), but Would Be Located in the APEZ During Future plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Lifetime Excess Cancer Risk (per million)
	x	y		
Onsite	553860	4181100	Construction	138.0
	N/A <sup>a</sup>	N/A <sup>a</sup>	Operation	N/A
	553860	4181100	Construction + Operation	140.5
Offsite	553700	4181040	Construction	108.0
	N/A <sup>a</sup>	N/A <sup>a</sup>	Operation	N/A
	553700	4181040	Construction + Operation	108.4

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

- <sup>a</sup> There is no onsite receptor not located in the APEZ during future conditions (2025) but would be located in the APEZ during existing plus proposed project conditions for exposure to operational cancer risk.

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

x = eastward-measured distance

y = northward-measured distance

VDECS = verified diesel emissions control strategies

**Table 53. Modeled Maximum Lifetime Excess Cancer Risk within Study Area at Offsite Receptors Located in the APEZ during Future Conditions (2025) and Would Continue to Be Located in the APEZ During Future plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Lifetime Excess Cancer Risk (per million)
	x	y		
Offsite	553580	4181180	Construction	18.4
	553580	4181180	Operation	0.3
	553580	4181180	Construction + Operation	18.5

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

None

Abbreviations:

APEZ = Air Pollutant Exposure Zone  
 UTM = Universal Transverse Mercator  
 x = eastward-measured distance  
 y = northward-measured distance

**Table 54. Modeled Controlled Maximum Lifetime Excess Cancer Risk within Study Area at Offsite Receptors Not Located in the APEZ during Future Conditions (2025), but Would Be Located in the APEZ During Future plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Lifetime Excess Cancer Risk (per million) <sup>a</sup>
	x	y		
Onsite	553860	4181100	Construction	24.1
	N/A <sup>b</sup>	N/A <sup>b</sup>	Operation	N/A
	553860	4181100	Construction + Operation	25.9
Offsite	553580	4181160	Construction	3.4
	N/A <sup>b</sup>	N/A <sup>b</sup>	Operation	N/A
	553580	4181160	Construction + Operation	3.5

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

- a. Controlled emissions assume all off-road equipment and all construction diesel generators have a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4), all emergency generators have model year 2008 or newer engines, consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).
- b. There is no onsite receptor not located in the APEZ during future conditions (2025) but would be located in the APEZ during existing plus proposed project conditions for exposure to controlled operational cancer risk

Abbreviations:

APEZ = Air Pollutant Exposure Zone  
 UTM = Universal Transverse Mercator  
 x = eastward-measured distance  
 y = northward-measured distance

**Table 55. Modeled Controlled Maximum Lifetime Excess Cancer Risk within Study Area at Offsite Receptors Located in the APEZ during Future Conditions (2025) and Would Continue to Be Located in the APEZ During Future plus Proposed Project Conditions**

Receptor Location	UTM		Source Category	Lifetime Excess Cancer Risk (per million) <sup>a</sup>
	x	y		
Offsite	553580	4181180	Construction	3.1
	553580	4181180	Operation	0.2
	553580	4181180	Construction + Operation	3.2

Source:

CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

- <sup>a</sup>. Controlled emissions assume all off-road equipment and all construction diesel generators have a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4), all emergency generators have model year 2008 or newer engines, consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).

Abbreviations:

APEZ = Air Pollutant Exposure Zone

UTM = Universal Transverse Mercator

x = eastward-measured distance

y = northward-measured distance

VDECS = verified diesel emissions control strategies

**Table 56. Modeled Controlled Maximum Lifetime Excess Cancer Risk within Study Area at Onsite Receptors during Future Conditions (2025) and Proposed Project Conditions**

Receptor Location	UTM		Source Category	Lifetime Excess Cancer Risk (per million) <sup>a</sup>
	x	y		
Future (2025)	553860	4181100	Construction	37.8
	553760	4181140	Operation	51.9
	553860	4181100	Construction + Operation	37.8
Proposed Project	553860	4181100	Construction	24.1
	553760	4181140	Operation <sup>a</sup>	0.6
	553860	4181100	Construction + Operation	25.9
Future (2025) + Proposed Project	553860	4181100	Construction	61.9
	553760	4181140	Operation	52.5
	553860	4181100	Construction + Operation	63.6

Source:

City and County of San Francisco Planning Department. 2012. *Citywide Modeling*. November. CalEEMod modeling, AERMOD modeling, EMFAC2014 modeling, and other off-model calculations discussed in the AQTR and presented in Appendix B.

Notes:

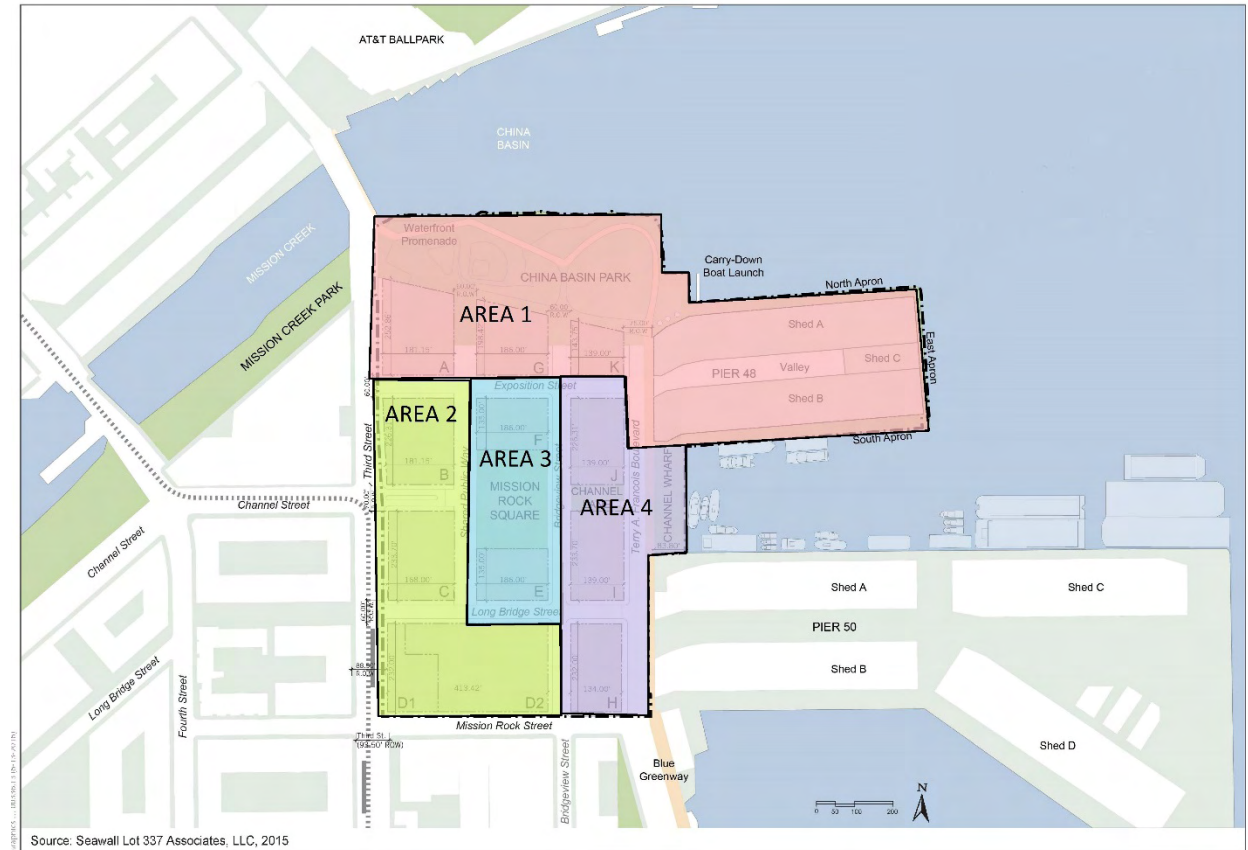
- <sup>a</sup>. Controlled emissions assume all off-road equipment and all construction diesel generators have a Tier 4 interim engine (Measure AQ-1.1), all haul trucks are model year 2010 or newer (Measure AQ-1.2), all construction barge engines have Tier 3 engines and all construction work boat engines are model year 2005 or newer (Measure AQ-1.4), all emergency generators have model year 2008 or newer engines, consistent with ARB ATCM emission rates that also meet Tier 2 standards with level 3 VDECS (Measure AQ-2.1), and auto vehicle trips are reduced by 20% (Measure AQ-2.3).

Abbreviations:

APEZ = Air Pollutant Exposure Zone  
 UTM = Universal Transverse Mercator  
 x = eastward-measured distance  
 y = northward-measured distance  
 VDECS = verified diesel emissions control strategies



**FIGURES**



**Figure 1. Proposed Project Phasing Areas**

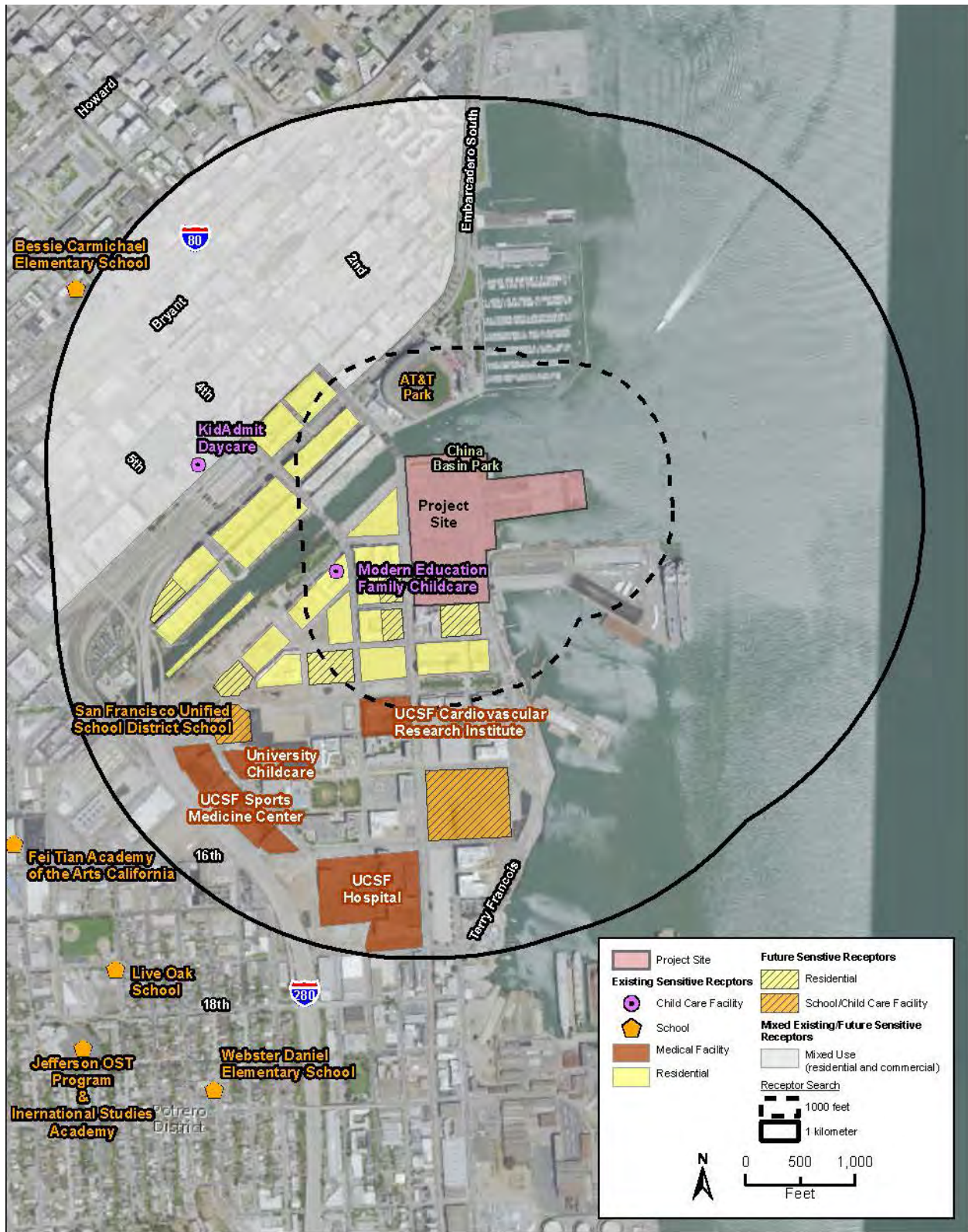
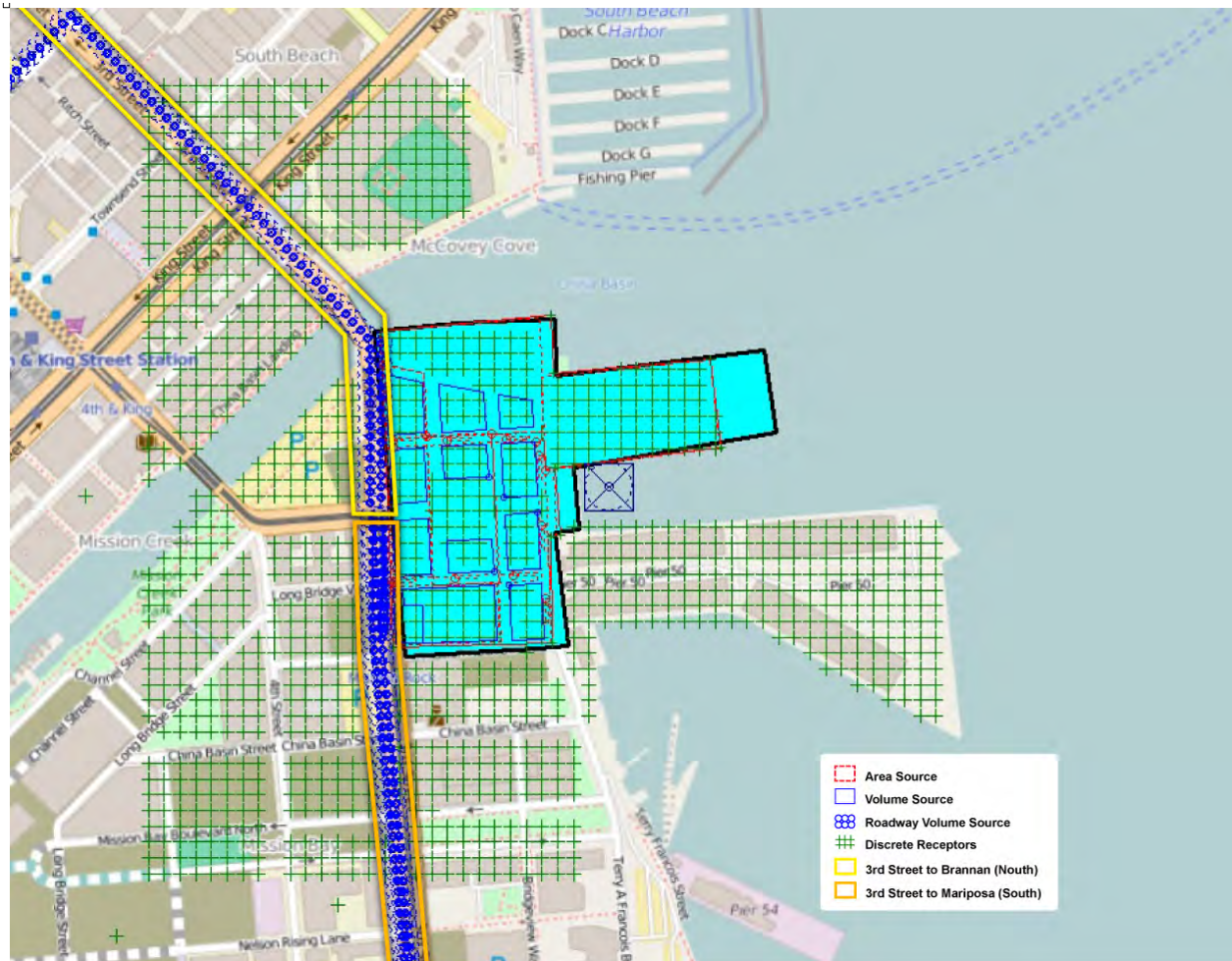


Figure 2. Location of Nearest Existing and Potential Future Sensitive Receptors





**Figure 3. Off-Road Construction Sources, On-Road Haul Truck Routes, and the Location of Receptors**

Notes:

Receptors include all potential sensitive receptor types, including residents, day care facilities, schools, and hospitals, to determine the maximum annual PM<sub>2.5</sub> concentration from project activities. Only residential receptors are considered for the cancer risk analysis.

Definitions:

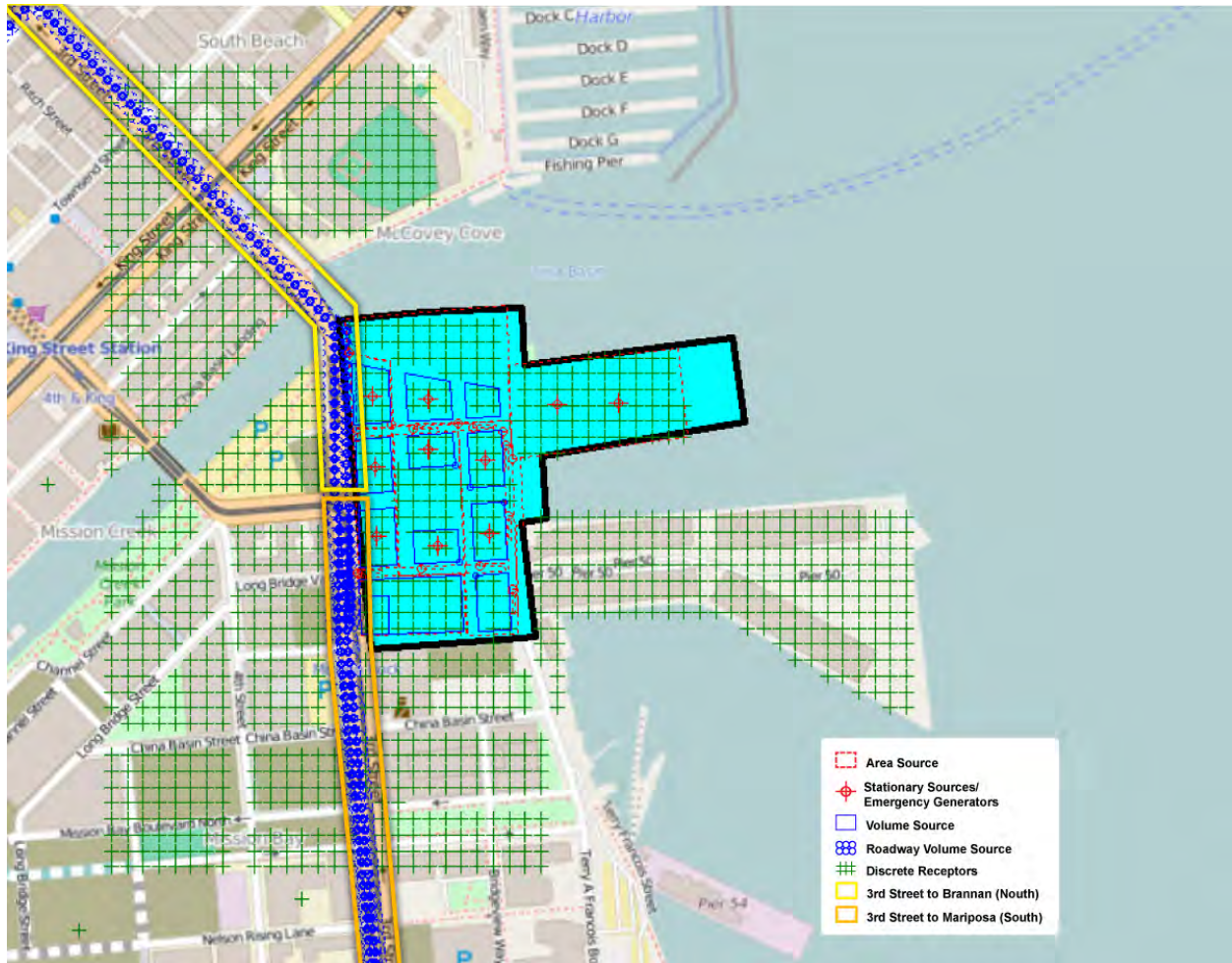
**Area Source:** area sources include emissions from off-road equipment, paving, architectural coatings, and other construction activities.

**Volume Source:** volume sources include emissions from barges and some in-water equipment.

**Roadway Volume Source:** volume sources include emissions from haul trucks and other on-road construction vehicles, including vendor and worker trips.

**Grid Receptors:** receptors that are identified by a 20x20 meter grid.

**Discrete Receptors:** receptors that are identified as discrete points on the map using a 20x20 meter grid



**Figure 4. Operational Sources and the Location of Receptors**

Notes:

Receptors include all potential receptor types, including residents, day care facilities, schools, and hospitals, to determine the maximum annual PM<sub>2.5</sub> concentration from project activities. Only residential receptors are considered for the cancer risk analysis.

Definitions:

Area Source: area sources include emissions from truck idling at loading docks.

Point Source: point sources include emissions from generators.

Roadway Volume Source: volume sources include emissions from mobile sources, such as resident and employee vehicle trips.

Grid Receptors: receptors that are identified by a 20x20 meter grid.

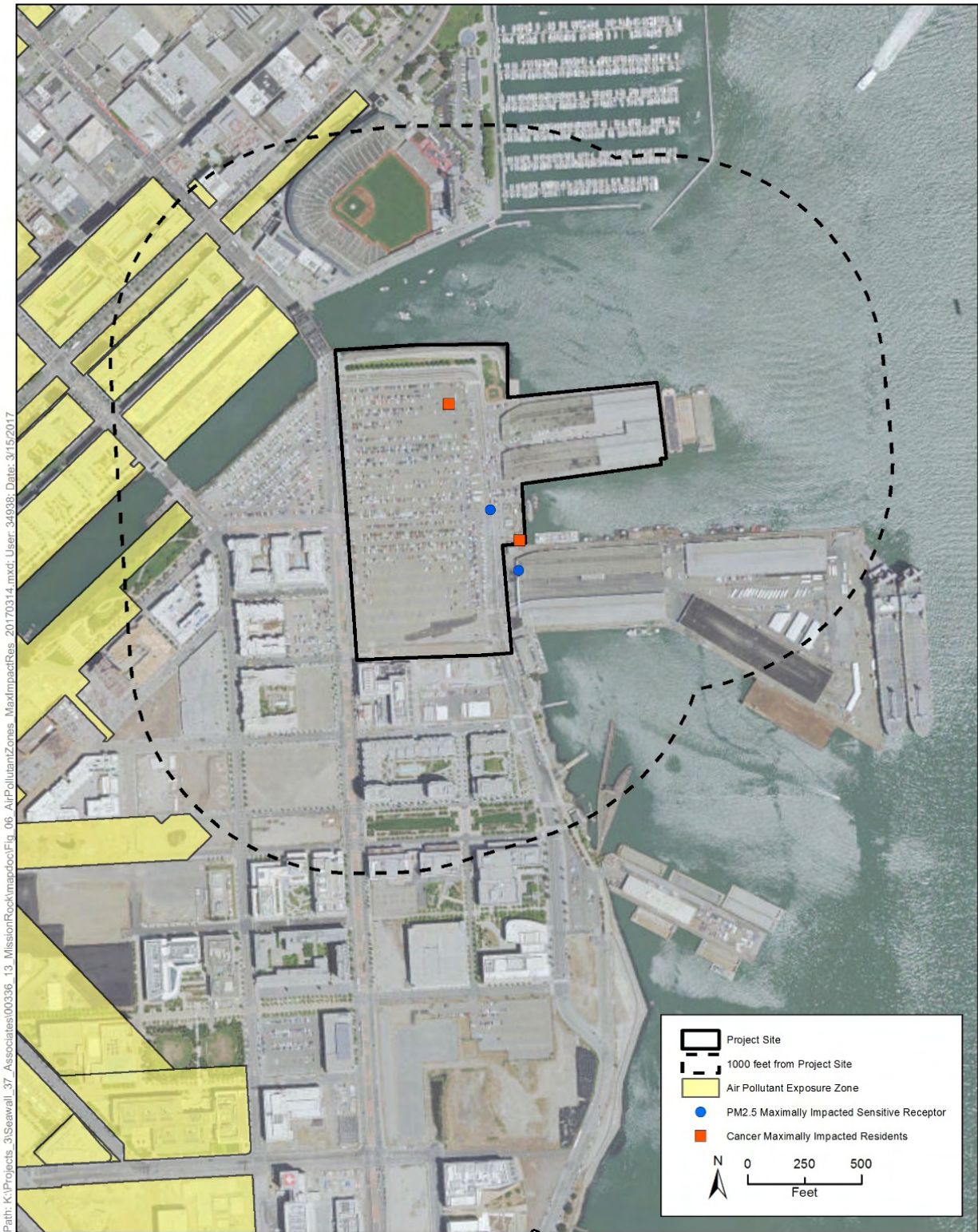
Discrete Receptors: receptors that are identified as discrete points on the map using a 20x20 meter grid





Figure 5. Location of Air Pollutant Exposure Zone





**Figure 6. Air Pollutant Exposure Zone and Maximum Impacted Residents from Project Contribution**



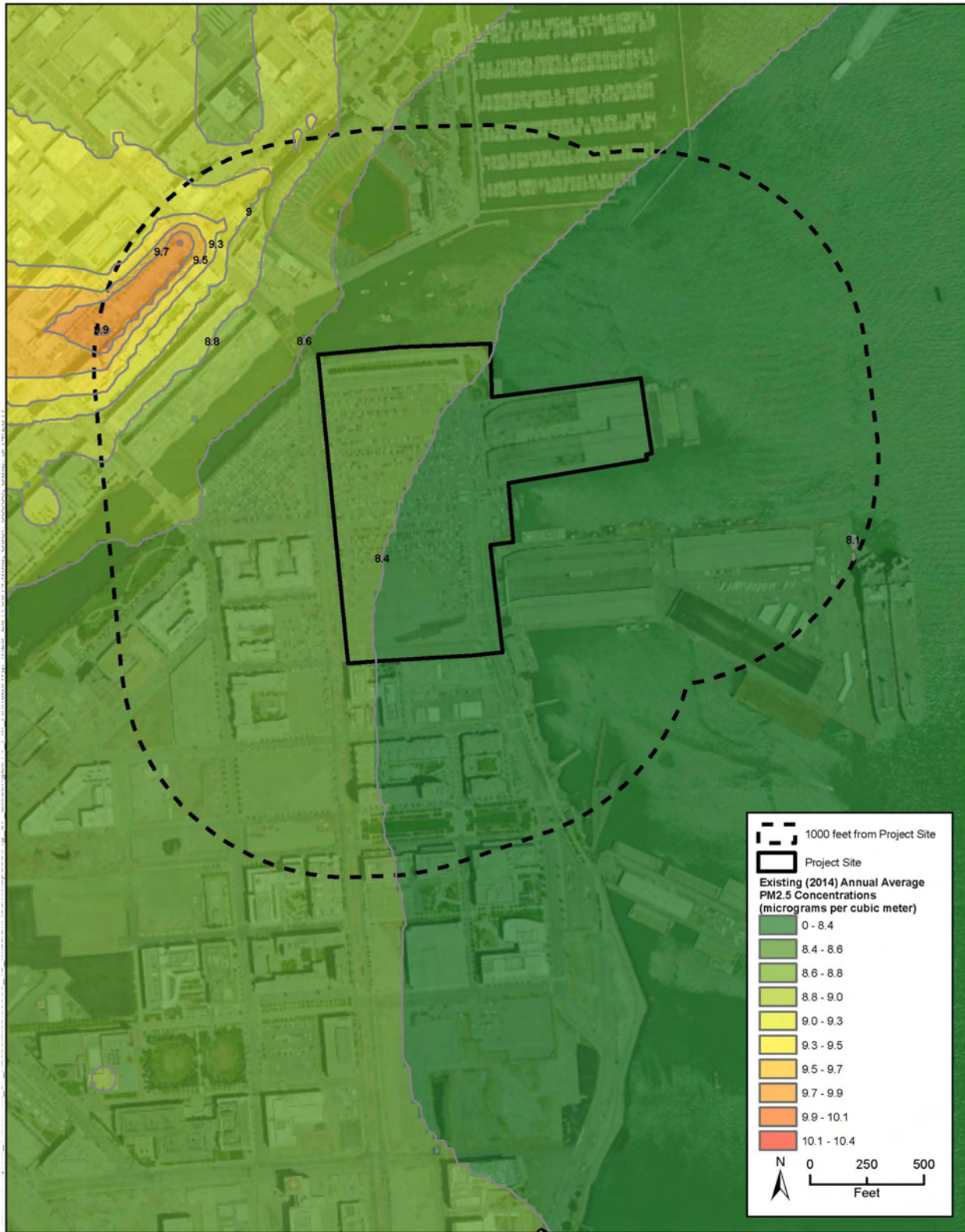


Figure 7. Existing (2014) Annual Average PM2.5 Exhaust Exposure

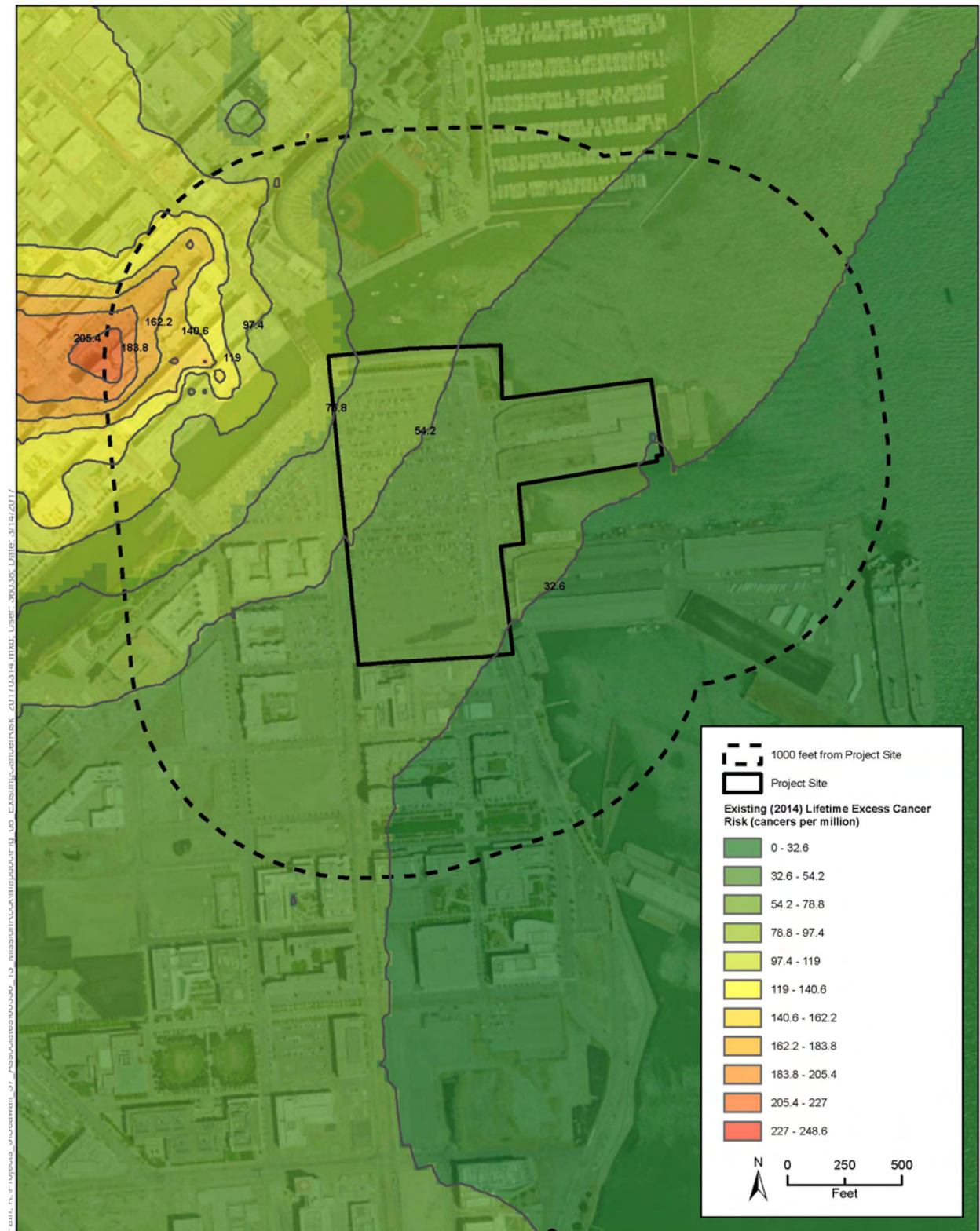
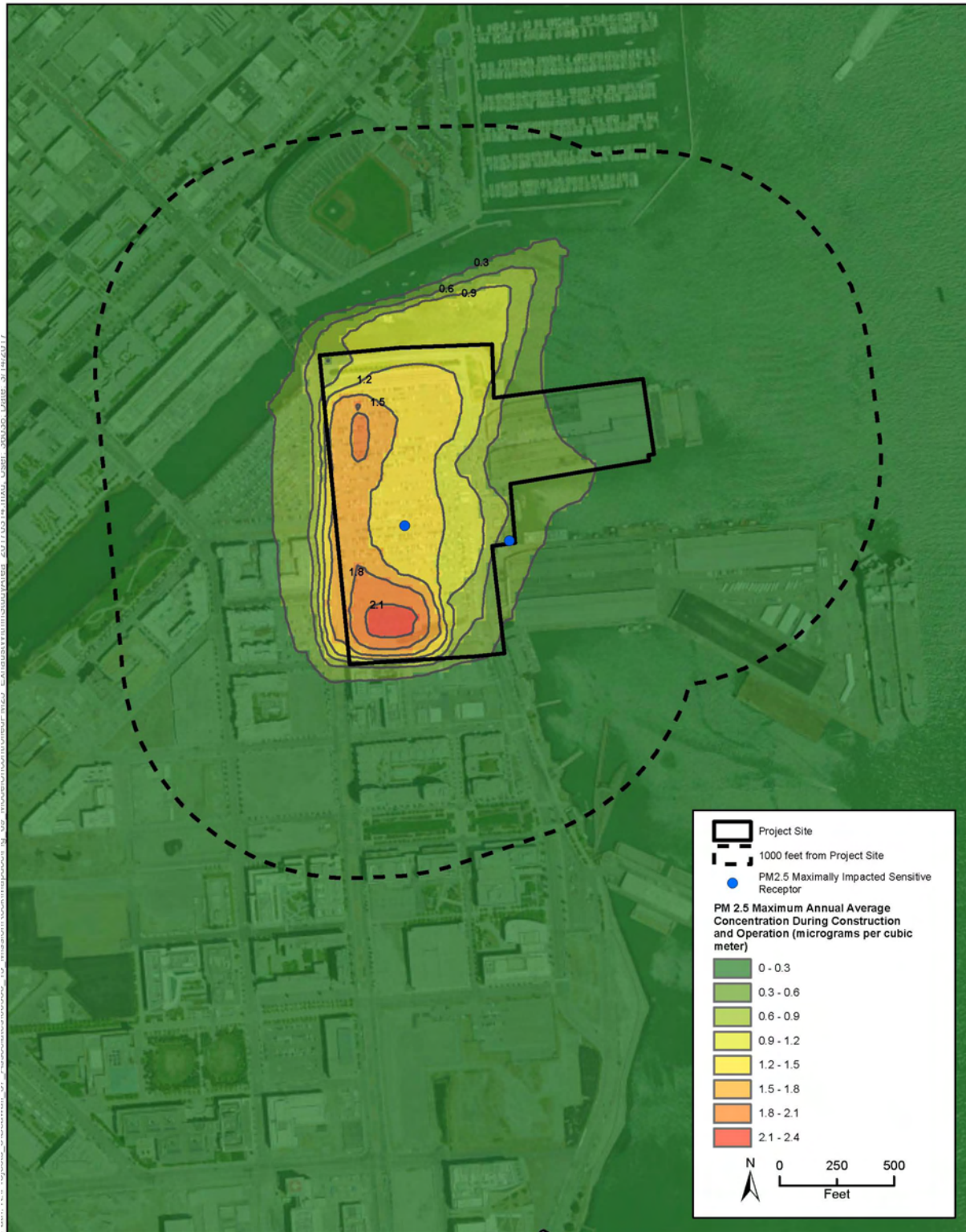
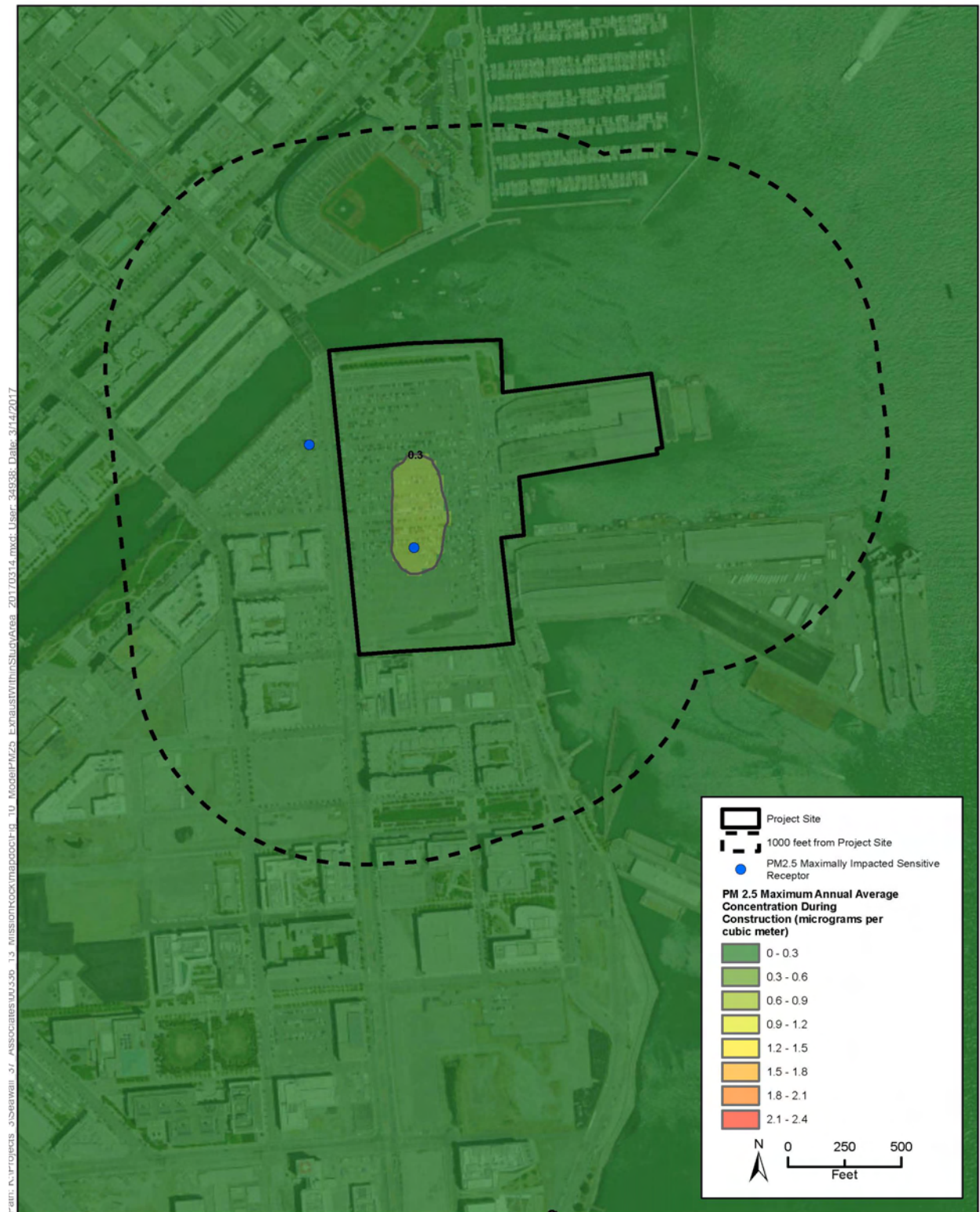


Figure 8. Existing (2014) Lifetime Excess Cancer Risk



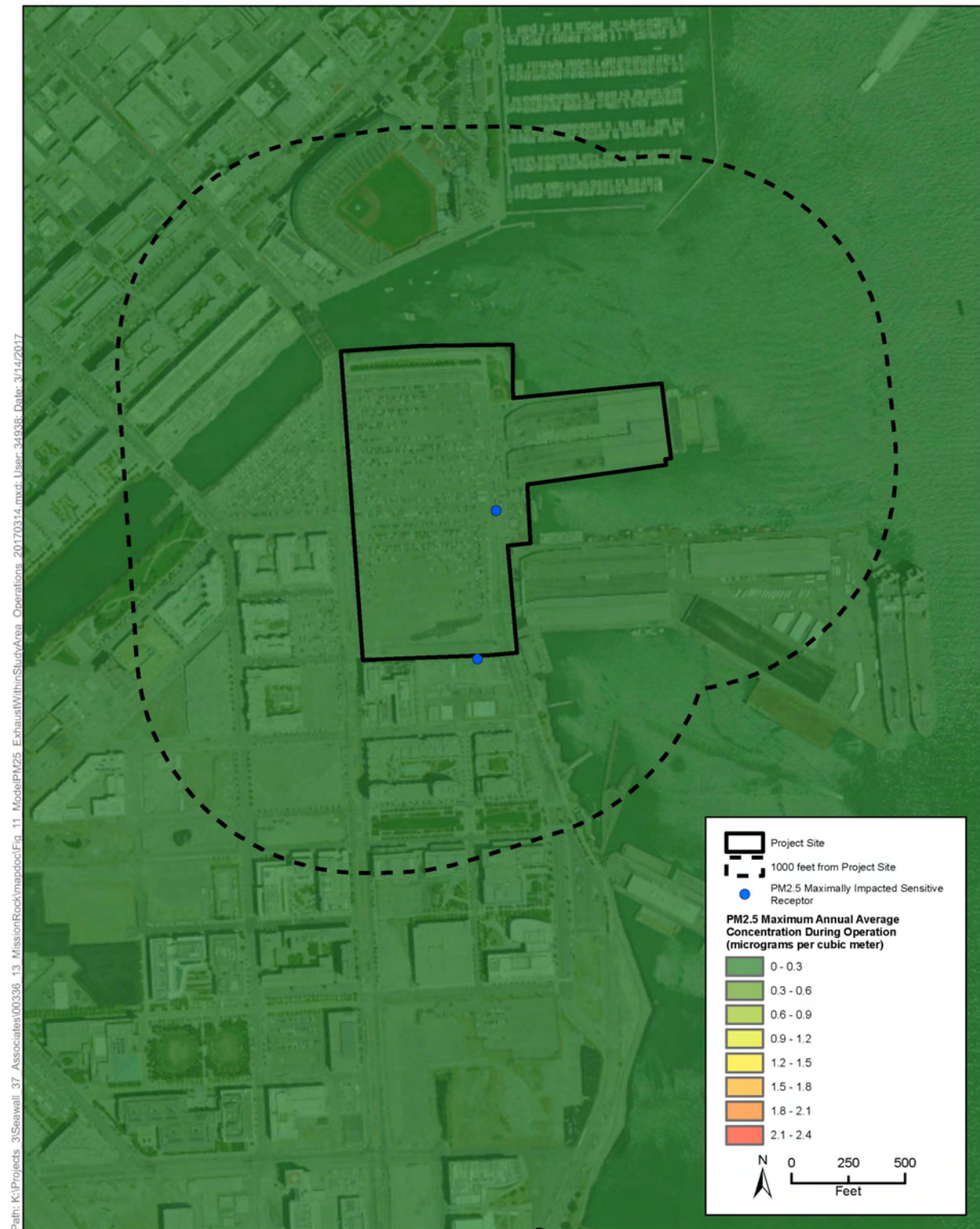


**Figure 9. Modeled Uncontrolled PM2.5 Exhaust Exposure within Study Area for the Proposed Project – Construction Plus Operation**

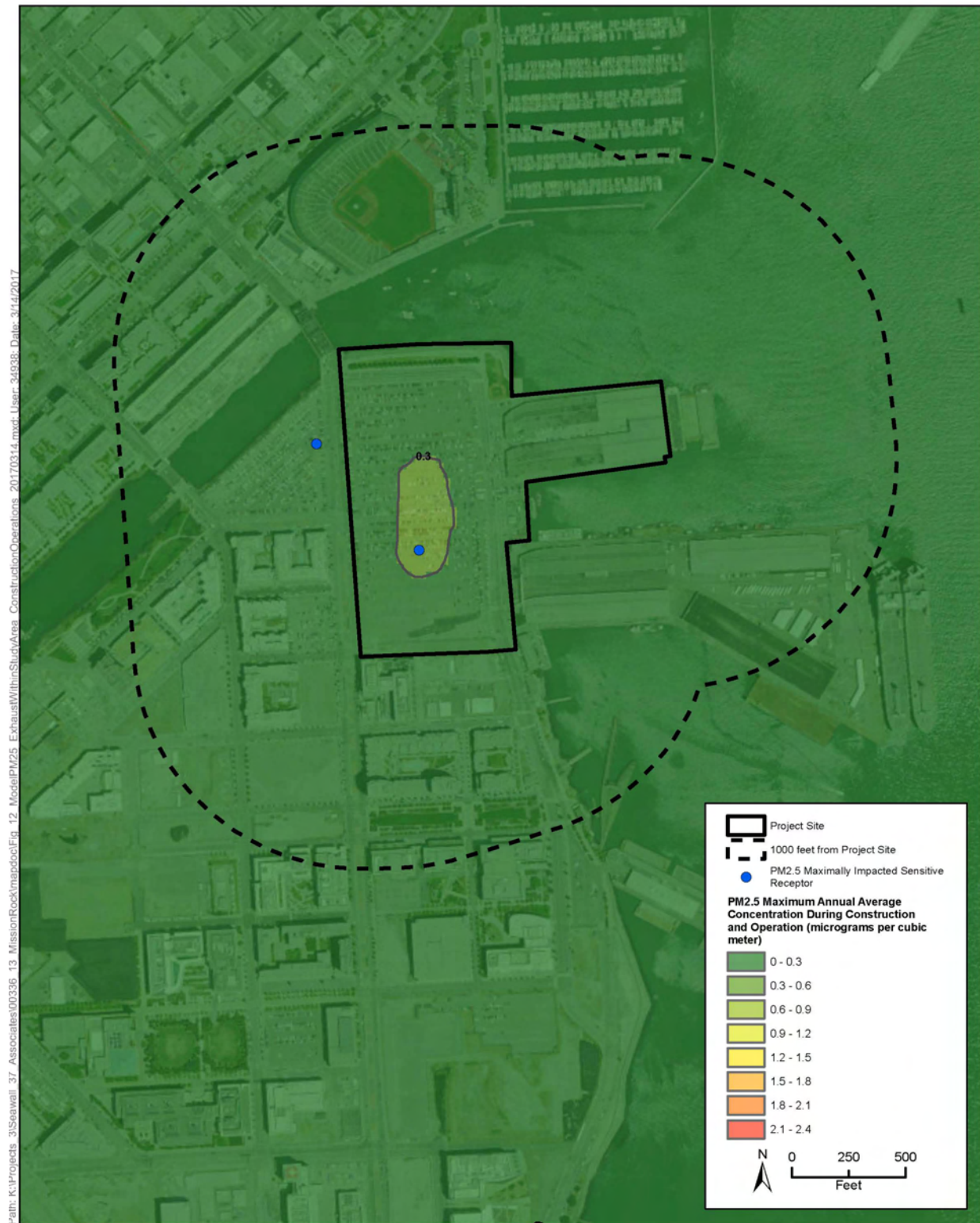


**Figure 10. Modeled Controlled PM<sub>2.5</sub> Exhaust Exposure within Study Area for the Proposed Project – Construction**



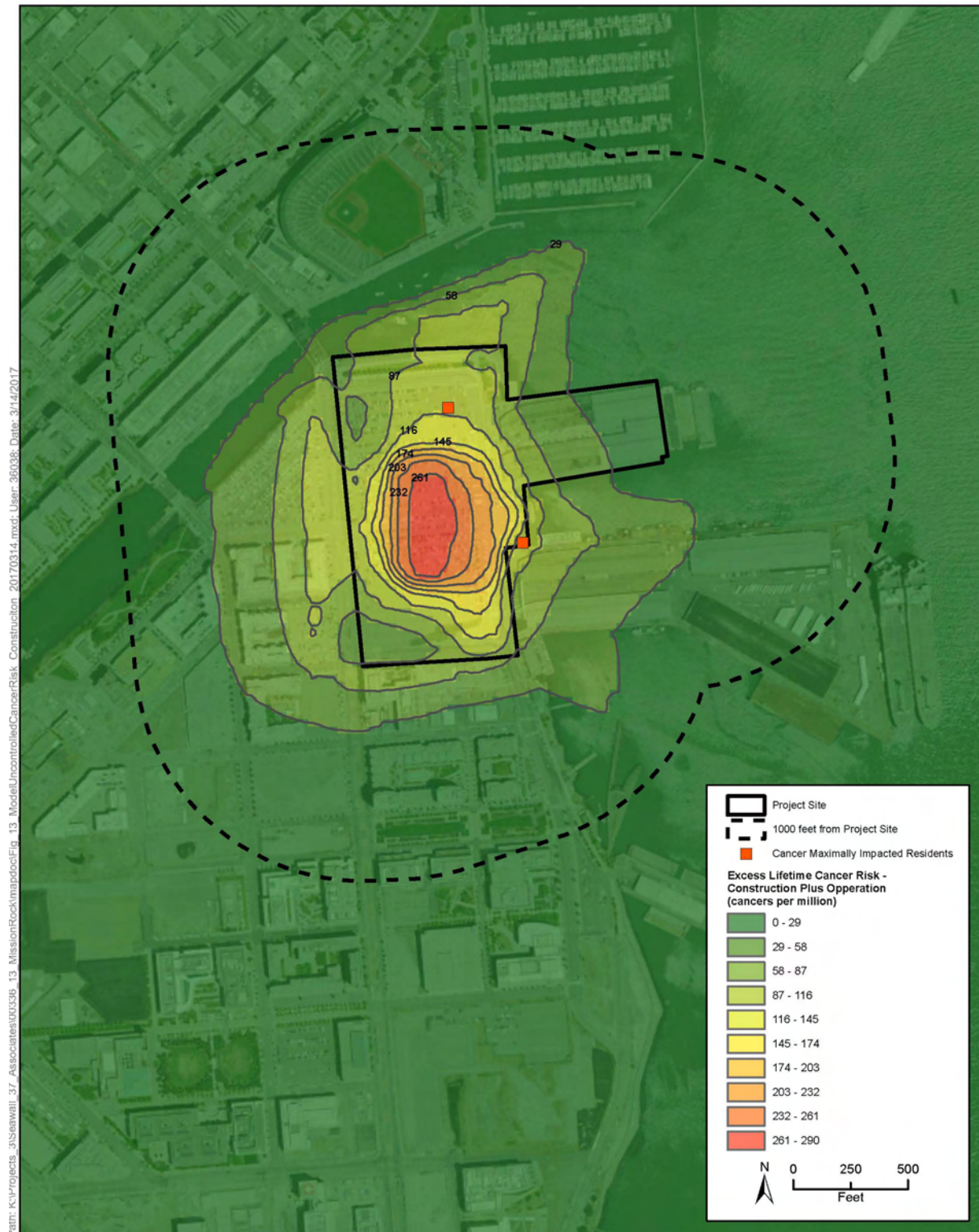


**Figure 11. Modeled Controlled PM2.5 Exhaust Exposure within Study Area for the Proposed Project – Operation**

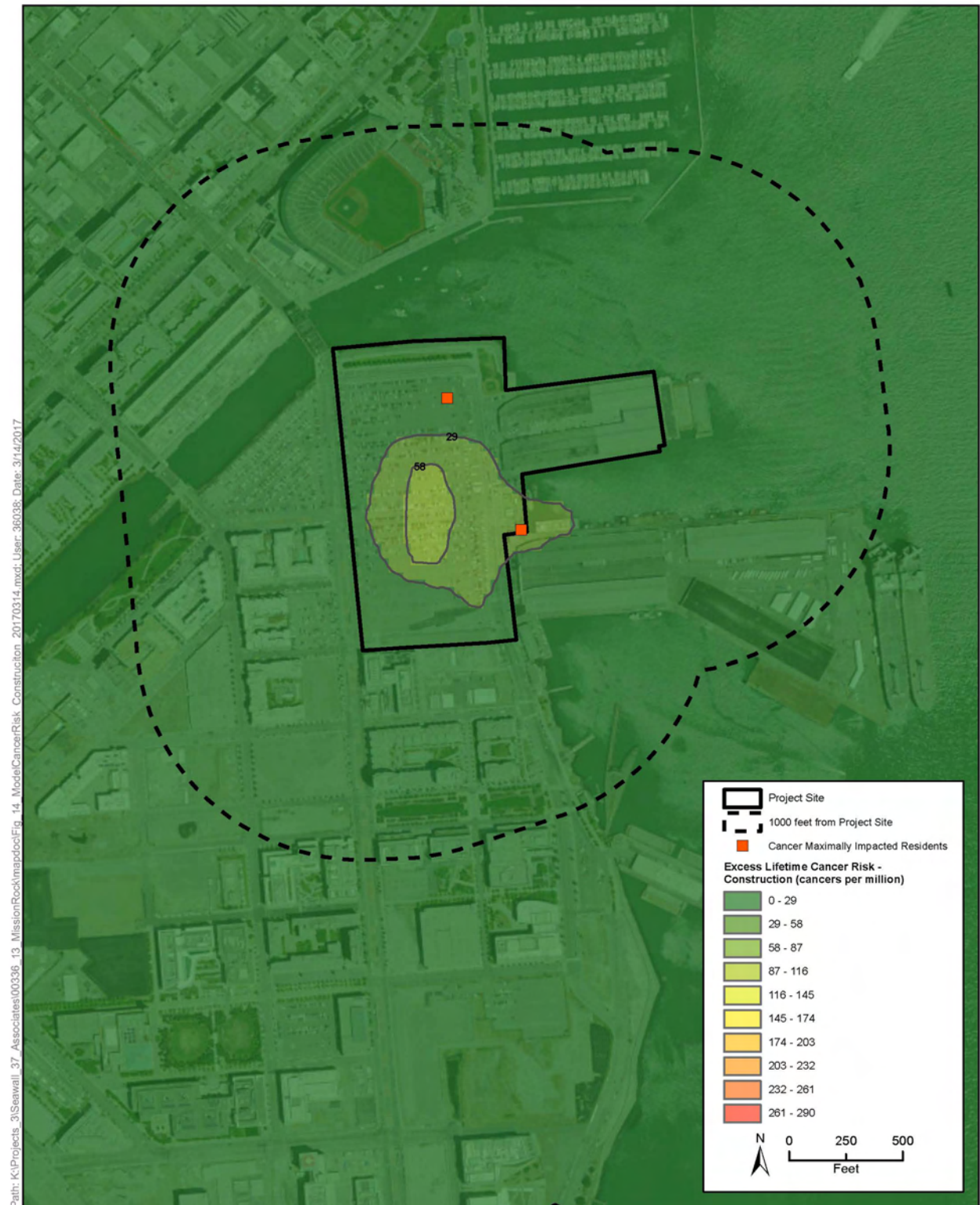


**Figure 12. Modeled Controlled PM2.5 Exhaust Exposure within Study Area for the Proposed Project – Construction Plus Operation**



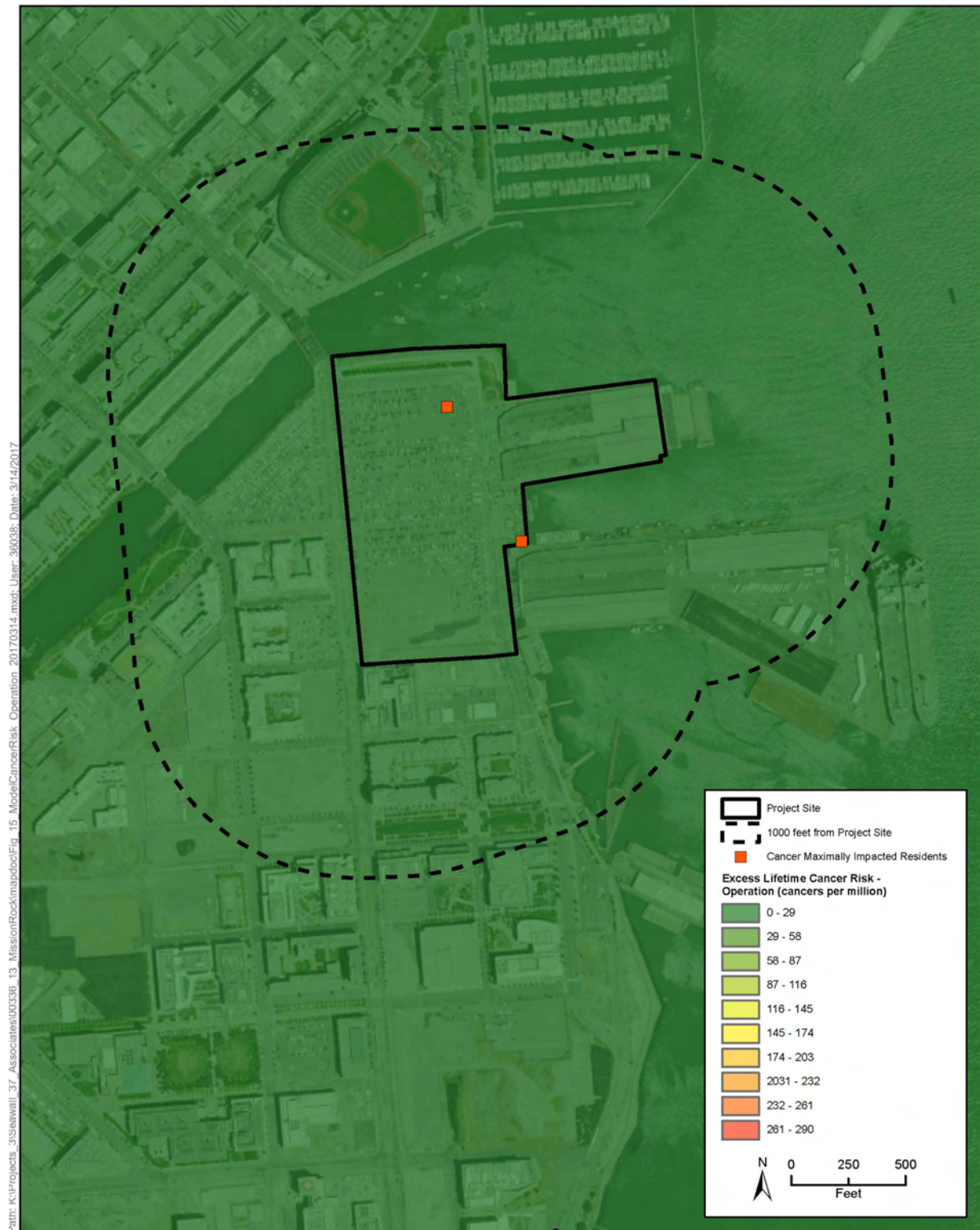


**Figure 13. Modeled Uncontrolled Lifetime Excess Cancer Risk within Study Area for the Proposed Project – Construction Plus Operation**

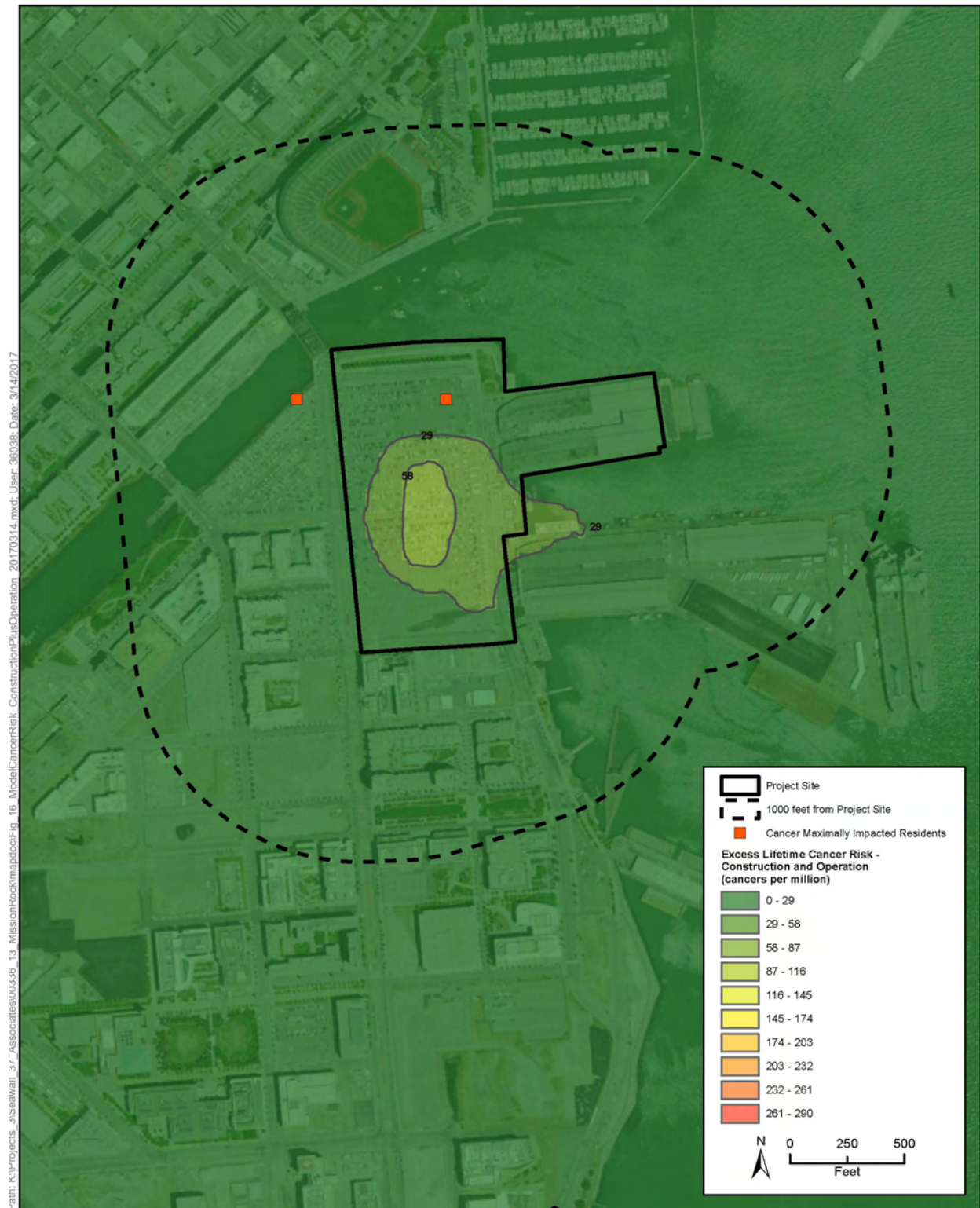


**Figure 14. Modeled Controlled Lifetime Excess Cancer Risk within Study Area for the Proposed Project – Construction**





**Figure 15. Modeled Controlled Lifetime Excess Cancer Risk within Study Area for the Proposed Project – Operation**



**Figure 16. Modeled Controlled Lifetime Excess Cancer Risk within Study Area for the Proposed Project – Construction Plus Operation**



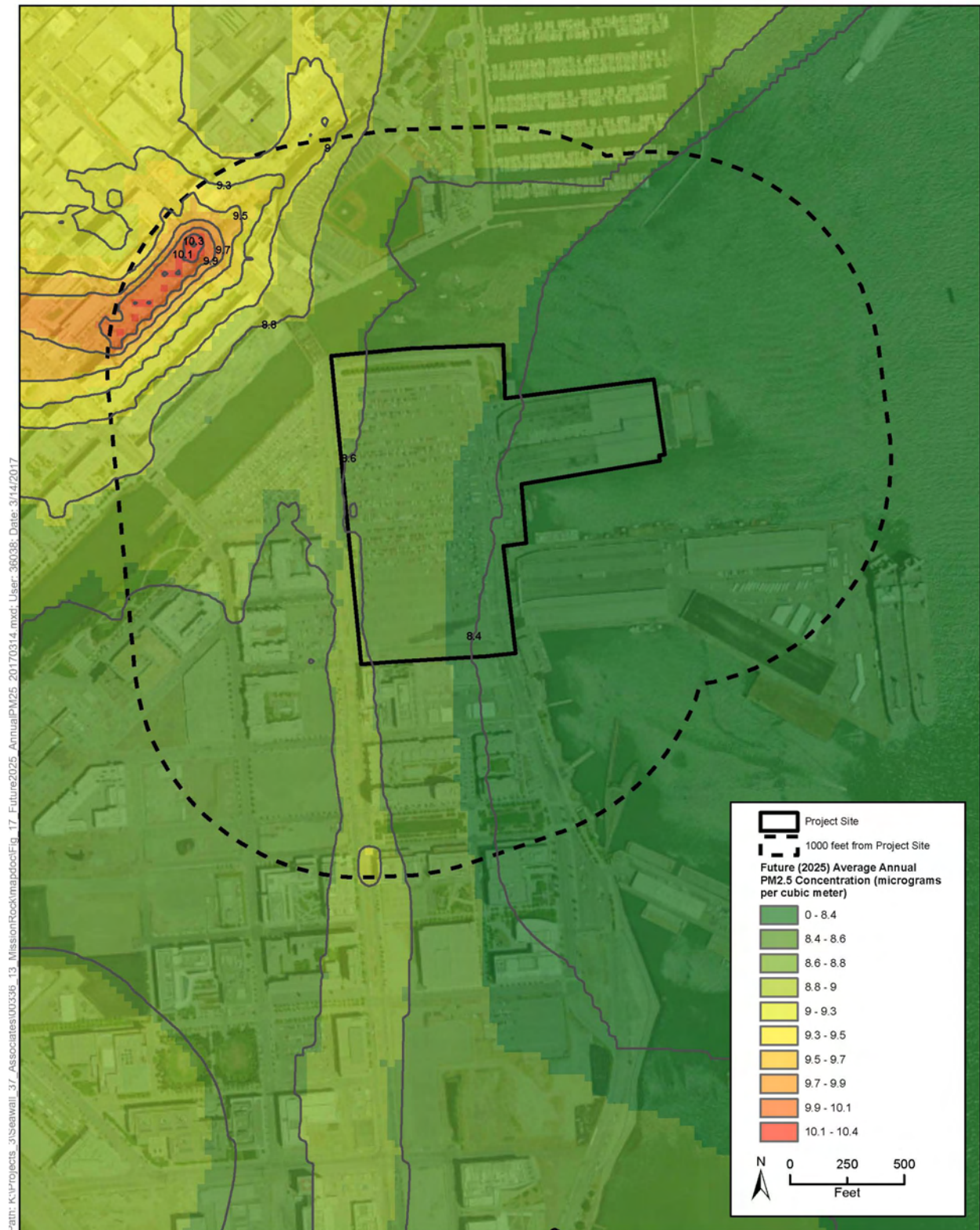


Figure 17. Future (2025) Annual Average PM2.5 Exhaust Exposure

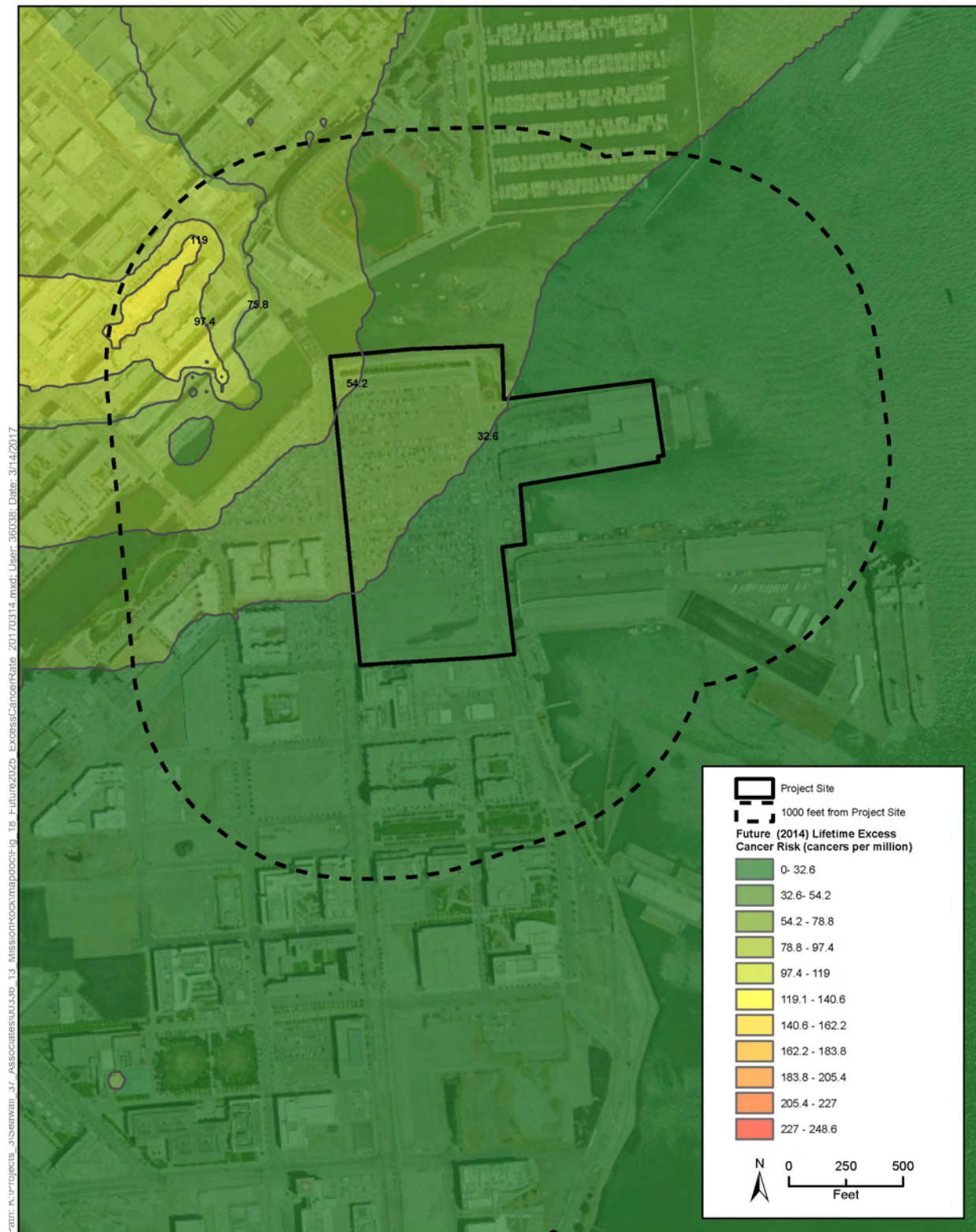


Figure 18. Future (2025) Lifetime Excess Cancer Risk